

z/OS Communications Server
3.2

*IP Messages:
Volume 3 (EZY)*



Note:

Before using this information and the product it supports, be sure to read the general information under [“Notices” on page 1127](#).

This edition applies to 3.1 of z/OS® (5655-ZOS), and to subsequent releases and modifications until otherwise indicated in new editions.

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About this document

This document describes the Internet Protocol (IP) messages that occur in z/OS Communications Server. The information in this document supports both IPv6 and IPv4. Unless explicitly noted, information describes IPv4 networking protocol. IPv6 support is qualified within the text.

For information about how to set up, initialize, and customize your Transmission Control Protocol/Internet Protocol (TCP/IP) services system, see the [z/OS Communications Server: IP Configuration Reference](#), the [z/OS Communications Server: IP Configuration Guide](#) and the [z/OS Communications Server: IP Programmer's Guide and Reference](#). For information about how to use the applications on your TCP/IP system, see [z/OS Communications Server: IP User's Guide and Commands](#).

This document refers to Communications Server data sets by their default SMP/E distribution library name. Your installation might, however, have different names for these data sets where allowed by SMP/E, your installation personnel, or administration staff. For instance, this document refers to samples in SEZAINST library as simply in SEZAINST. Your installation might choose a data set name of SYS1.SEZAINST, CS390.SEZAINST or other high level qualifiers for the data set name.

Who should read this document

This document assists TCP/IP operators, system programmers, and users to:

- Analyze a problem
- Classify the problem as a specific type
- Describe the problem to the IBM® Software Support Center

Familiarity with TCP/IP concepts and terms is assumed.

How this document is organized

The messages are listed in alphanumeric order by message ID. For each message ID, the books contains the text and a description of the message. This book contains the following chapters:

- [Chapter 2, “EZY0xxxx messages,” on page 7](#) contains messages in the EZY0xxxx range.
- [Chapter 3, “EZY1xxxx messages,” on page 127](#) contains messages in the EZY1xxxx range.
- [Chapter 4, “EZY2xxxx messages,” on page 277](#) contains messages in the EZY2xxxx range.
- [Chapter 5, “EZY3xxxx messages,” on page 369](#) contains messages in the EZY3xxxx range.
- [Chapter 6, “EZY4xxxx messages,” on page 421](#) contains messages in the EZY4xxxx range.
- [Chapter 7, “EZY5xxxx messages,” on page 527](#) contains messages in the EZY5xxxx range.
- [Chapter 8, “EZY6xxxx messages,” on page 529](#) contains messages in the EZY6xxxx range.
- [Chapter 9, “EZYFxxxx messages,” on page 603](#) contains messages in the EZYFxxxx range.
- [Chapter 10, “EZYPxxxx messages,” on page 691](#) contains messages in the EZYPxxxx range.
- [Chapter 11, “EZYRxxxx messages,” on page 741](#) contains messages in the EZYRxxxx range.
- [Chapter 12, “EZYTxxxx messages,” on page 809](#) contains messages in the EZYTxxxx range.
- [Chapter 13, “EZYXxxxx messages,” on page 889](#) contains messages in the EZYXxxxx range.
- [Appendix A, “Related protocol specifications,” on page 1105](#) lists the related protocol specifications for TCP/IP.
- [Appendix B, “Accessibility,” on page 1125](#) describes accessibility features to help users with physical disabilities.
- [“Notices” on page 1127](#) contains notices and trademarks used in this document.

- “Bibliography” on page 1131 contains descriptions of the documents in the z/OS Communications Server library.

How to use this document

To use this document, you should be familiar with z/OS TCP/IP Services and the TCP/IP suite of protocols.

How to provide feedback to IBM

We welcome any feedback that you have, including comments on the clarity, accuracy, or completeness of the information. See, [How to send feedback to IBM](#) for additional information.

Conventions and terminology that are used in this information

Commands in this information that can be used in both TSO and z/OS UNIX environments use the following conventions:

- When describing how to use the command in a TSO environment, the command is presented in uppercase (for example, NETSTAT).
- When describing how to use the command in a z/OS UNIX environment, the command is presented in bold lowercase (for example, **netstat**).
- When referring to the command in a general way in text, the command is presented with an initial capital letter (for example, Netstat).

All the exit routines described in this information are *installation-wide exit routines*. The installation-wide exit routines also called installation-wide exits, exit routines, and exits throughout this information.

The TPF logon manager, although included with VTAM®, is an application program; therefore, the logon manager is documented separately from VTAM.

Samples used in this information might not be updated for each release. Evaluate a sample carefully before applying it to your system.

z/OS no longer supports mounting HFS data sets (The POSIX style file system). Instead, a z/OS File System (zFS) can be implemented. The term hierarchical file system, abbreviated as HFS, is defined as a data structure that has a hierarchical nature with directories and files. References to hierarchical file systems or HFS might still be in use in z/OS Communications Server publications.

Network Express and Open Systems Adapter-Express (OSA-Express) terminology:

- The Network Express feature is introduced with the IBM z17 processor family. The Network Express feature is the next generation of Open Systems Adapter (OSA) technology. The term OSA (Open Systems Adapter) is carried forward with Network Express. The IBM z17 processor supports both the Network Express and the OSA-Express7S features. In this information, when a general reference is made to OSA that applies to all these features, then the term OSA is used, and the acronym will appear in italics. This formatting style and guideline for usage for the term OSA is used throughout this document. When a distinction is necessary, then the specific feature name is used such as the Network Express feature
- The Network Express feature is defined as channel (CHPID) type OSH (Open System Adapter for Hybrid networks) that might operate in either 10 GbE or 25 GbE link speed. When this term is used in this information, the processing being described applies to either link speed. If processing is applicable to only one link speed, the full terminology, for instance, IBM 25 GbE Network Express will be used.
- Network Express is defined with new system architecture called Enhanced Queued Direct I/O (EQDIO). In this information there are many references to QDIO or OSA/QDIO. When the reference applies to both QDIO and EQDIO the reference just indicates OSA. When the reference is specific to the QDIO or EQDIO architecture, then the specific architecture is referenced, for example, OSA/QDIO or OSA/EQDIO. Some OSA references also use or include the channel type for OSA such as OSD (QDIO). When the reference applies to both features, then the term OSA is used. When a distinction is necessary then the specific channel or architecture type is used, OSD/QDIO or OSH/EQDIO.

Shared Memory Communications over Remote Direct Memory Access (SMC-R) terminology

- *RoCE* , which is a generic term representing IBM® 10 GbE RoCE Express, IBM 10 GbE RoCE Express2, IBM 25 GbE RoCE Express2, IBM 10 GbE RoCE Express3, IBM 25 GbE RoCE Express3, IBM 10 GbE Network Express and IBM 25 GbE Network Express feature capabilities. When this term is used in this information, the processing being described applies to all of these features. If processing is applicable to only one feature, the full terminology, for instance, Network Express will be used.
- RoCE Express2, which is a generic term representing an IBM RoCE Express2 feature that might operate in either 10 GbE or 25 GbE link speed. When this term is used in this information, the processing being described applies to either link speed. If processing applies to only one link speed, the full terminology, for instance, IBM 25 GbE RoCE Express2 will be used.
- RoCE Express3, which is a generic term representing an IBM RoCE Express3 feature that might operate in either 10 GbE or 25 GbE link speed. When this term is used in this information, the processing being described applies to either link speed. If processing applies to only one link speed, the full terminology, for instance, IBM 25 GbE RoCE Express3 will be used.
- Network Express, which is a generic term representing an Network Express feature that might operate in either 10 GbE or 25 GbE link speed. When this term is used in this information, the processing being described applies to either link speed. If processing is applicable to only one link speed, the full terminology, for instance, IBM 25 GbE Network Express will be used. When configured with a CHPID type of NETH, the Network Express feature may operate as an RDMA network interface card.
- RDMA network interface card (RNIC), which is used to refer to the IBM 10 GbE RoCE Express, IBM 10 GbE RoCE Express2, IBM 25 GbE RoCE Express2, IBM 10 GbE RoCE Express3, or IBM 25 GbE RoCE Express3, IBM 10 GbE Network Express or IBM 25 GbE Network Express feature.
- Shared RoCE environment, which means that the *RoCE* feature can be used concurrently, or shared, by multiple operating system instances. The feature is considered to operate in a shared RoCE environment even if you use it with a single operating system instance.

Clarification of notes

Information traditionally qualified as Notes is further qualified as follows:

Attention

Indicate the possibility of damage

Guideline

Customary way to perform a procedure

Note

Supplemental detail

Rule

Something you must do; limitations on your actions

Restriction

Indicates certain conditions are not supported; limitations on a product or facility

Requirement

Dependencies, prerequisites

Result

Indicates the outcome

Tip

Offers shortcuts or alternative ways of performing an action; a hint

Prerequisite and related information

z/OS Communications Server function is described in the z/OS Communications Server library. Descriptions of those documents are listed in [“Bibliography” on page 1131](#), in the back of this document.

Required information

Before using this product, you should be familiar with TCP/IP, VTAM, MVS, and UNIX System Services.

Softcopy information

Softcopy publications are available in the following collection.

Titles	Description
<i>IBM Z Redbooks</i>	The IBM Z [®] subject areas range from e-business application development and enablement to hardware, networking, Linux [®] , solutions, security, parallel sysplex, and many others. For more information about the Redbooks [®] publications, see http://www.redbooks.ibm.com/ and http://www.ibm.com/systems/z/os/zos/zfavorites/ .

Other documents

This information explains how z/OS references information in other documents.

When possible, this information uses cross-document links that go directly to the topic in reference using shortened versions of the document title. For complete titles and order numbers of the documents for all products that are part of z/OS, see [z/OS Information Roadmap \(SA23-2299\)](#). The Roadmap describes what level of documents are supplied with each release of z/OS Communications Server, and also describes each z/OS publication.

To find the complete z/OS library, visit the [z/OS library](#) in [IBM Documentation](#) (<https://www.ibm.com/docs/en/zos>).

Relevant RFCs are listed in an appendix of the IP documents. Architectural specifications for the SNA protocol are listed in an appendix of the SNA documents.

The following table lists documents that might be helpful to readers.

Title	Number
<i>DNS and BIND</i> , Fifth Edition, O'Reilly Media, 2006	ISBN 13: 978-0596100575
<i>Routing in the Internet</i> , Second Edition, Christian Huitema (Prentice Hall 1999)	ISBN 13: 978-0130226471
<i>sendmail</i> , Fourth Edition, Bryan Costales, Claus Assmann, George Jansen, and Gregory Shapiro, O'Reilly Media, 2007	ISBN 13: 978-0596510299
<i>SNA Formats</i>	GA27-3136
<i>TCP/IP Illustrated, Volume 1: The Protocols</i> , W. Richard Stevens, Addison-Wesley Professional, 1994	ISBN 13: 978-0201633467
<i>TCP/IP Illustrated, Volume 2: The Implementation</i> , Gary R. Wright and W. Richard Stevens, Addison-Wesley Professional, 1995	ISBN 13: 978-0201633542
<i>TCP/IP Illustrated, Volume 3: TCP for Transactions, HTTP, NNTP, and the UNIX Domain Protocols</i> , W. Richard Stevens, Addison-Wesley Professional, 1996	ISBN 13: 978-0201634952
<i>TCP/IP Tutorial and Technical Overview</i>	GG24-3376
<i>Understanding LDAP</i>	SG24-4986
z/OS Cryptographic Services System SSL Programming	SC14-7495
z/OS IBM Tivoli Directory Server Administration and Use for z/OS	SC23-6788
z/OS JES2 Initialization and Tuning Guide	SA32-0991
z/OS Problem Management	SC23-6844
z/OS MVS Diagnosis: Reference	GA32-0904
z/OS MVS Diagnosis: Tools and Service Aids	GA32-0905
z/OS MVS Using the Subsystem Interface	SA38-0679

Title	Number
z/OS Program Directory	GI11-9848
z/OS UNIX System Services Command Reference	SA23-2280
z/OS UNIX System Services Planning	GA32-0884
z/OS UNIX System Services Programming: Assembler Callable Services Reference	SA23-2281
z/OS UNIX System Services User's Guide	SA23-2279
z/OS C/C++ Runtime Library Reference	SC14-7314
OSA-Express Customer's Guide and Reference	SA22-7935

Redbooks publications

The following Redbooks publications might help you as you implement z/OS Communications Server.

Title	Number
<i>IBM z/OS Communications Server TCP/IP Implementation, Volume 1: Base Functions, Connectivity, and Routing</i>	SG24-8096
<i>IBM z/OS Communications Server TCP/IP Implementation, Volume 2: Standard Applications</i>	SG24-8097
<i>IBM z/OS Communications Server TCP/IP Implementation, Volume 3: High Availability, Scalability, and Performance</i>	SG24-8098
<i>IBM z/OS Communications Server TCP/IP Implementation, Volume 4: Security and Policy-Based Networking</i>	SG24-8099
<i>IBM Communication Controller Migration Guide</i>	SG24-6298
<i>IP Network Design Guide</i>	SG24-2580
<i>Managing OS/390 TCP/IP with SNMP</i>	SG24-5866
<i>Migrating Subarea Networks to an IP Infrastructure Using Enterprise Extender</i>	SG24-5957
<i>SecureWay Communications Server for OS/390 V2R8 TCP/IP: Guide to Enhancements</i>	SG24-5631
<i>SNA and TCP/IP Integration</i>	SG24-5291
<i>TCP/IP in a Sysplex</i>	SG24-5235
<i>TCP/IP Tutorial and Technical Overview</i>	GG24-3376
<i>Threadsafe Considerations for CICS</i>	SG24-6351

Where to find related information on the Internet

z/OS

This site provides information about z/OS Communications Server release availability, migration information, downloads, and links to information about z/OS technology

<http://www.ibm.com/systems/z/os/zos/>

z/OS Internet Library

Use this site to view and download z/OS Communications Server documentation

<http://www.ibm.com/systems/z/os/zos/library/bkserv/>

z/OS Communications Server product

The page contains z/OS Communications Server product introduction

<https://www.ibm.com/products/zos-communications-server>

IBM Communications Server product support

Use this site to submit and track problems and search the z/OS Communications Server knowledge base for Technotes, FAQs, white papers, and other z/OS Communications Server information

<https://www.ibm.com/mysupport>

IBM Communications Server performance information

This site contains links to the most recent Communications Server performance reports

<http://www.ibm.com/support/docview.wss?uid=swg27005524>

IBM Systems Center publications

Use this site to view and order Redbooks publications, Redpapers, and Technotes

<http://www.redbooks.ibm.com/>

z/OS Support Community

Search the z/OS Support Community Library for Techdocs (including Flashes, presentations, Technotes, FAQs, white papers, Customer Support Plans, and Skills Transfer information)

[z/OS Support Community](#)

Tivoli® NetView for z/OS

Use this site to view and download product documentation about Tivoli NetView for z/OS

<http://www.ibm.com/support/knowledgecenter/SSZJDU/welcome>

RFCs

Search for and view Request for Comments documents in this section of the Internet Engineering Task Force website, with links to the RFC repository and the IETF Working Groups web page

<http://www.ietf.org/rfc.html>

Internet drafts

View Internet-Drafts, which are working documents of the Internet Engineering Task Force (IETF) and other groups, in this section of the Internet Engineering Task Force website

<http://www.ietf.org/ID.html>

Information about web addresses can also be found in information APAR II11334.

Note: Any pointers in this publication to websites are provided for convenience only and do not serve as an endorsement of these websites.

DNS websites

For more information about DNS, see the following USENET news groups and mailing addresses:

USENET news groups

comp.protocols.dns.bind

BIND mailing lists

<https://lists.isc.org/mailman/listinfo>

BIND Users

- Subscribe by sending mail to bind-users-request@isc.org.
- Submit questions or answers to this forum by sending mail to bind-users@isc.org.

BIND 9 Users (This list might not be maintained indefinitely.)

- Subscribe by sending mail to bind9-users-request@isc.org.
- Submit questions or answers to this forum by sending mail to bind9-users@isc.org.

The z/OS Basic Skills Information Center

The z/OS Basic Skills Information Center is a web-based information resource intended to help users learn the basic concepts of z/OS, the operating system that runs most of the IBM mainframe computers in use today. The Information Center is designed to introduce a new generation of Information Technology professionals to basic concepts and help them prepare for a career as a z/OS professional, such as a z/OS systems programmer.

Specifically, the z/OS Basic Skills Information Center is intended to achieve the following objectives:

- Provide basic education and information about z/OS without charge
- Shorten the time it takes for people to become productive on the mainframe
- Make it easier for new people to learn z/OS

To access the z/OS Basic Skills Information Center, open your web browser to the following website, which is available to all users (no login required): <https://www.ibm.com/support/knowledgecenter/zosbasics/com.ibm.zos.zbasics/homepage.html?cp=zosbasics>

Summary of changes

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability. Technical changes or additions to the text and illustrations for the current edition are indicated by a vertical line to the left of the change.

Summary of message changes for z/OS 3.2 Communications Server: IP Messages Volume 3 (EZY) for z/OS 3.2

The following messages are new, changed, or no longer issued for z/OS 3.2 Communications Server: IP Messages Volume 3 (EZY) in z/OS 3.2.

Message changes for z/OS 3.2 Communications Server: IP Messages Volume 3 (EZY)

New

The following messages are new.

None.

Changed

The following messages are changed.

None.

Deleted

The following messages are no longer issued.

None.

Changes made in z/OS Communications Server 3.1

The following content is new, changed, or no longer included in z/OS 3.1.

Changed information

EZYTE49I
EZYTE67I
EZYTE74W
EZYTE82E
EZYTS14I
EZYTU16I
EZYTU22I
EZYTY05I
EZYTY12I
EZYTY14E

Chapter 1. IP message standards introduction

This topic contains the following information about IP message standards:

- “[Message text formats](#)” on page 1
- “[Message description formats](#)” on page 3
- “[Message routing codes](#)” on page 3
- “[Message descriptor codes](#)” on page 4
- “[Message groups](#)” on page 5

Message text formats

Most IP messages are preceded by an identifier, as illustrated in [Figure 1 on page 1](#).

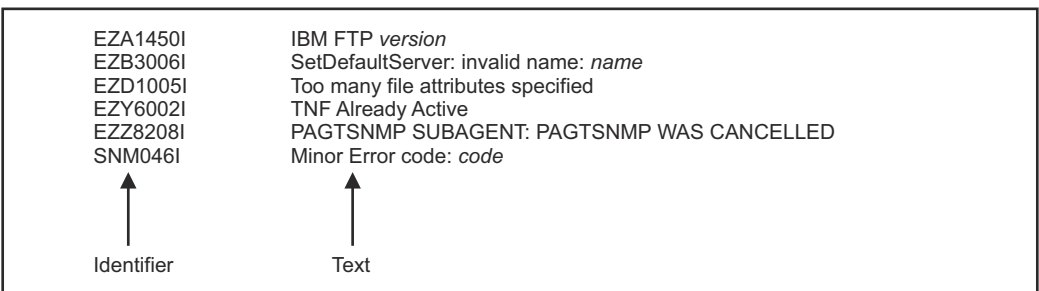


Figure 1. Sample IP message format

Message identifiers

All message identifiers include the following sections:

- Prefix
- Message number
- Message type code

See [Figure 2 on page 1](#) for a sample IP message identifier.

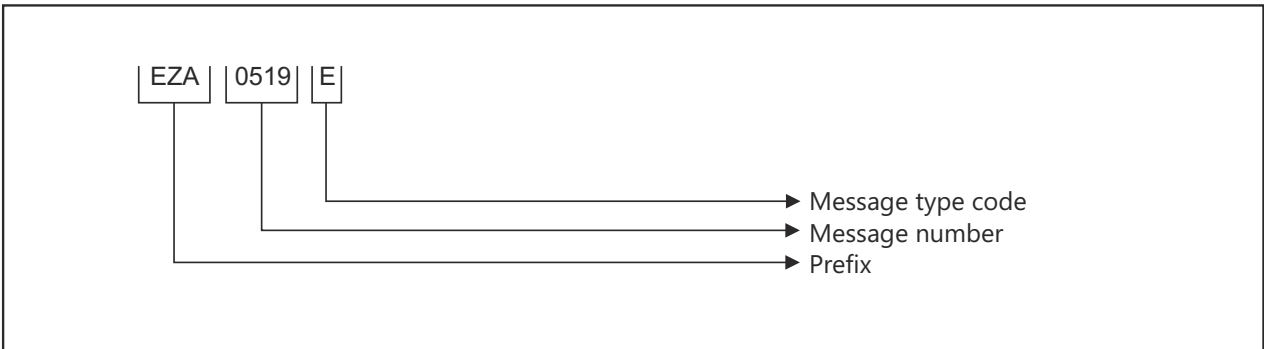


Figure 2. Sample IP message identifier

Prefix

Message identifiers include a prefix that identifies the source of the message. The following message prefixes are used by TCP/IP and its associated applications:

- EZA

- EZAIN
- EZAOP
- EZB
- EZBH
- EZD
- EZY
- EZYF
- EZYP
- EZYR
- EZYT
- EZYX
- EZZ
- SNM

Message number

Message identifiers include a unique 2- through 4-digit message number.

Message type code

The following type codes are used in IP messages:

A Action

The message indicates that an action is required.

E Eventual Action

You must eventually take some action to correct a problem. The system continues processing without waiting for a response.

I Information

The message is for your information. This type code can be used to notify you of an error. No response is necessary, but you might need to take some action.

S Severe Error

The message is for a system programmer.

W Wait

Processing stops until the operator takes a required action.

Syntax notation in message text

In this documentation, IP messages are described with the following syntax notation:

Non-highlighted characters

Represent the actual text of the message.

italic characters

Represent message variables. The variables are replaced by their values in the actual message.

Braces { }

Represent a group of text strings, only one of which is displayed in the actual message. The text strings are separated by or-signs (|) in the braces.

The braces and or-signs are not displayed in the actual message.

Brackets []

Represent optional messages or optional parts of a message. Optional messages or optional parts of a message are displayed only under certain circumstances that are described in the "Explanation" section of the message. If an optional part has more than one possible value, or-signs separate the possibilities.

The brackets and or-signs are not displayed in the actual message.

Message description formats

A message consists of several sections. Not all sections are used for each message. For messages that are issued as a group, the "Explanation" section of the first message usually contains a complete description of the other messages in the group.

Explanation

Explains why the message was issued and describes all text and variables in the message.

System action

Explains the system state after the message was issued. This section also indicates whether the system is waiting for a reply.

Operator response

Describes actions that the operator can or must take at the console.

System programmer response

Suggests actions, programming changes, or system definition changes that isolate or correct errors or improve the efficiency of the system.

User response

Describes actions that the user can or must take at the terminal.

Problem determination

Additional instructions for determining the cause of the problem, searching problem databases, and if necessary, reporting the problem to the IBM support center. These instructions are for system programmers who can troubleshoot problems.

Source

Element, product, or component that issued the message.

Module

Module or modules that issued the message.

Automation

Indicates whether the message is a candidate for automation.

Example

Example of the message with variable fields replaced with actual values, perhaps in context with other messages.

Message routing codes

Routing codes determine where a message is displayed. More than one routing code might be assigned to the message. With multiple-console support, each console operator receives the messages related only to the commands entered at that console or to the functions assigned to that console, regardless of the routing codes assigned to those messages. If a message that is routed to a particular console cannot be issued at that console, that message is issued at the master console.

The following routing codes are used in IP messages:

Code

Meaning

1

Master Console Action: This message indicates a change in the system status and demands action by the master console operator.

2

Master Console Information: This message indicates a change in the system status. Such a message does not demand action, but alerts the master console operator to a condition that might require action. This routing code is used for any message that indicates job status, and also for processor and problem program messages to the master console operator.

- 3** **Tape Pool:** This message specifies the status of a tape unit or reel, the disposition of a tape reel, or other tape-oriented information. For example, this can be a message which requests that tapes be mounted.
- 4** **Direct Access Pool:** This message specifies the status of a direct access unit or pack, the disposition of a disk pack, or other direct-access-oriented information. For example, this can be a message which requests that disks be mounted.
- 5** **Tape Library:** This message specifies the tape library information. For example, this can be a message which requests, by volume serial numbers, that tapes be obtained for system or programmer use.
- 6** **Disk Library:** This message specifies the disk library information. For example, this can be a message which requests, by volume serial numbers, that disk packs be obtained for system or programmer use.
- 7** **Unit Record Pool:** This message specifies the unit-record equipment information. For example, this can be a message which requests that printer trains be mounted.
- 8** **Teleprocessing Control:** This message specifies the status or the disposition of data communication equipment. For example, this can be a message that indicates line errors.
- 9** **System Security:** This message is associated with security checking. For example, this can be a message that requires a reply that is specifying a password.
- 10** **System Error Maintenance:** This message indicates either a system error, or an input/output error that cannot be corrected. It also indicates a message that is associated with system maintenance.
- 11** **Programmer Information:** This message is for the problem programmer. This routing code is used only when the program that issued the message cannot route the message to the programmer by using the system-output data set facility. The message is displayed in the system output message class of the job.
- 12** **Emulators:** This message is issued by an emulator program.
- 13** Reserved for customer use.
- 14** Reserved for customer use.
- 15** Reserved for customer use.
- 16** Reserved for future expansion.

Message descriptor codes

Descriptor codes describe the kind of message being issued. These codes, with message routing codes, determine how a message is to be printed or displayed and how a message is to be deleted from a display device. Descriptor codes 1 – 7 are mutually exclusive; only one such code is assigned to a message. Descriptor codes 8 – 10 can be displayed with any other descriptor codes.

The following descriptor codes are used in IP messages:

Code	Meaning
------	---------

- 1 **System Failure:** This message indicates that an error that cannot be corrected occurs. To continue, the operator must restart the system.
- 2 **Immediate Action Required:** This message requires an immediate action by the operator. The action is required because the message issuer is in a wait state until the action is taken, or because system performance is degraded until the action is taken.
- 3 **Eventual Action Required:** This message requires an eventual action by the operator. The task does not await completion of the action.
- 4 **System Status:** This message indicates the status of a system task or of a hardware unit.
- 5 **Immediate Command Response:** This message is issued as an immediate response to a system command. The completion of the response is not dependent on another system action or task.
- 6 **Job Status:** This message contains status information regarding the job or job step.
- 7 **Application Program/Processor:** This message is issued when a program is in problem mode.
- 8 **Out-of-Line Message:** This message is one of a group of messages to be displayed out of line. If the device support cannot print a message out of line, the code is ignored, and the message is printed in line with other messages.
- 9 **Request of the Operator:** This message is written in response to a request of the operator for information by the DEVSERV, MONITOR commands, and other operating system commands.
- 10 This message is issued in response to a **TRACK** command.
- 11 **Critical Eventual Action Required:** This message indicates that a critical event has occurred and must eventually be followed by an action. The message remains on the screen until the action is taken.
- 12 **Important Information:** This message contains important information that must be displayed at the console, but does not require any action in response.
- 13–16 Reserved.

Message groups

A message group contains two or more messages that are displayed together in response to a specific command or error condition. The following example is a message group.

```
EZZ8453I jobtype STORAGE
EZZ8454I jobname STORAGE      CURRENT MAXIMUM  LIMIT
EZD2018I location
EZZ8455I      storagetype current maximum limit
EZZ8459I DISPLAY TCPIP STOR COMPLETED SUCCESSFULLY
```

In most cases, the "Explanation" section of the first message in the group contains an example of the group and information about all messages in the group. The message descriptions of members of the group refer back to the first message for complete information.

Chapter 2. EZY0xxxx messages

EZY0002I

LINKNAME: *linkname* **TRACE:** *ON/OFF*

Explanation

This is the first message displayed when the PKTTRACE LIST command is issued. The link name is displayed, as well as the current trace level. If trace is ON, then the trace options listed are currently set and active. If trace is OFF, then the trace options displayed are currently set, but no tracing will occur for the link.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0003I

Current Trace Options:

Explanation

This message precedes the display of current trace options when the PKTTRACE LIST command is issued.

System action

Processing continues. The trace options and trace level for the link are unchanged.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0004I**Protocol - ALL****Explanation**

All protocols will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued.

System action

Processing continues. The trace options and trace level for the link are unchanged.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0005I**Protocol - *protocol*****Explanation**

A particular well-known protocol, ICMP, TCP, or UDP, will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0006I**Protocol - *protocol_number***

Explanation

A particular protocol number will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0007I	Src Port - ALL
-----------------	-----------------------

Explanation

All source ports will be traced for TCP or UDP IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0008I	Src Port - <i>source port</i>
-----------------	--------------------------------------

Explanation

A particular source port number will be traced for TCP or UDP IP packets passing through the link associated with this message. Packets that are not TCP or UDP will not be traced. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0009I	Dest Port - ALL
-----------------	------------------------

Explanation

All destination ports will be traced for TCP or UDP IP packets passing through the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0010I	Dest Port - <i>destination port</i>
-----------------	--

Explanation

A particular destination port number will be traced for TCP or UDP IP packets passing through the link associated with this message. Packets that are not TCP or UDP IP will not be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0011I

IP address - *octet1.octet2.octet3.octet4*

Explanation

This message displays the IP address. This can be used in conjunction with the subnet address mask to determine if IP packets passing through the link associated with this message will be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0012I

Abbrev Len - *length*

Explanation

Abbreviated IP packets will be written to the trace storage device for IP packets that are traced on the link associated with this message. The length field indicates how many bytes of the IP packet will be written, starting from the beginning of the IP header. For an ABBREV length of 0, only the packet trace header will be written. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0013I	Abbrev Len - FULL
-----------------	--------------------------

Explanation

Complete IP packets will be written to the trace storage device for IP packets that are traced on the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0014I	Subnet mask - <i>octet1.octet2.octet3.octet4</i>
-----------------	---

Explanation

The subnet address mask that will be used with the IP address to determine if IP packets passing through the link associated with this message will be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0015I	IP address - ALL
-----------------	-------------------------

Explanation

All IP addresses will be traced for IP packets passing through the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PKTLIST

EZY0016I	Clearing pkttrace options for linkname <i>linkname</i>
-----------------	---

Explanation

The PKTTRACE CLEAR command has been issued for the link or links identified. Trace options for the link or links are set to default values and tracing is turned off.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

DOPKTTRC

EZY0017I PKTTRACE command accepted.

Explanation

The PKTTRACE command has been parsed without error. Trace options specified in the PKTTRACE command have been set. This message is displayed when a PKTTRACE command has been issued.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0022W Trace options with LIST/CLEAR ignored

Explanation

Trace options other than LINKNAME were specified in a PKTTRACE LIST or CLEAR command. The LIST or CLEAR command is executed; the other trace options are ignored.

System action

Processing continues.

Operator response

Reenter the PKTTRACE LIST or CLEAR command, specifying only the LINKNAME option, if required.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0023W	SRCPORT/DESTPORT specified, but protocol not UDP/TCP
-----------------	---

Explanation

The SRCPORT or DESTPORT trace option was specified in a PKTTRACE command, but the PROTOCOL trace option specified was not UDP or TCP. No IP packets will be traced for the specified link or links. The trace options are set as specified on the PKTTRACE command.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a protocol of UDP or TCP.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0024W	Host identified by IP address ignored, SUBNET mask has been supplied.
-----------------	--

Explanation

The value provided with the SUBNET parameter is used to distinguish the network and host portions of an IP address. A SUBNET mask is used to trace all packets from a particular network, it is therefore not valid to set host bits in conjunction with the SUBNET parameter. This message is generated if an IP address is supplied that has a nonzero host address. The trace options are set as specified on the PKTTRACE command. The host component of the IP address is ignored.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, ensuring all the host address bits are specified as zero in the IP address supplied with the IP trace option.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0025W

No IP address specified with SUBNET

Explanation

The SUBNET trace option was specified in a PKTTRACE command, but no IP trace option was specified. The SUBNET and IP options are used in combination to determine if IP packets are to be traced. If no IP option is specified, then the default IP address mask, or that specified by a previous PKTTRACE command, will be used. The trace options are set as specified on the PKTTRACE command.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid IP address option with the SUBNET option.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0026W

No options specified, no changes applied

Explanation

No options were specified with the PKTTRACE command. No changes will be made to the trace options or trace level for any links.

System action

Processing continues.

Operator response

None. Use this command to re-enable packet trace for the driver, when GTRACE has failed writing to the trace storage device. Enable or re-enable GTRACE, and then enter the PKTTRACE command with no options. Any PKTTRACE command, including one with options, could be used in this situation.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0032E Invalid option *option*.

Explanation

The specified text is not a valid option for the PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid option. The valid options are:

- ON
- OFF
- LIST
- CLEAR
- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- FULL
- ABBREV
- ABBREV=

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0033E**Option *option* duplicated****Explanation**

Any PKTTRACE option can be specified only once in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying only one of each required option.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0034E**Specify one only of ON/OFF/LIST/CLEAR****Explanation**

Only one of the PKTTRACE options ON, OFF, LIST, or CLEAR can be specified in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying only one of the options ON, OFF, LIST, or CLEAR.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0035E

Specify one only of FULL/ABBREV

Explanation

Only one of the PKTTRACE options FULL or ABBREV can be specified in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying either the FULL or ABBREV option.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0036E

Invalid character specified after keyword *option*

Explanation

A required option value delimiter has not been specified. The following PKTTRACE options all require an equal sign delimiter:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying the option correctly.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0037E	Invalid IP address <i>address</i>
-----------------	--

Explanation

The supplied IP address is not valid. The address must be specified in dotted decimal notation, with exactly four octets, for example, 193.9.34.8, or the address can be specified as a single asterisk (*), to denote all IP addresses. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid IP address.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0038E	No value after '=' for keyword <i>option</i>
-----------------	---

Explanation

A required option value has not been specified. The following PKTTRACE options all require a value:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying the required value.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0039E	Undefined keyword only option <i>option</i>
-----------------	--

Explanation

The specified text is not a valid keyword-only option for the PKTTRACE command. A keyword-only option has either no value, or a default value. Any single word delimited by spaces is considered a keyword-only option because keyword value options are immediately followed by an equals sign. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid option. The valid keyword-only options are:

- ON
- OFF
- LIST
- CLEAR
- FULL
- ABBREV

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0040E	Invalid protocol <i>protocol</i>
-----------------	---

Explanation

The supplied protocol value is not valid. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid protocol value. Protocol values must be one of the following:

- A number from 0 to 255
- One of the labels ICMP, TCP, or UDP
- A single asterisk (*) used to denote all protocols

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0041E Invalid subnet address *address*

Explanation

The supplied subnet address is not valid. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid subnet address. The address must be specified in dotted decimal notation, with exactly 4 octets, for example, 193.9.34.8.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0042E Invalid abbrev value *abbrev_len*

Explanation

The supplied ABBREV value is not valid. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid ABBREV value. Valid values are integers in the range 0 to 65 535.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0043E	Invalid source port <i>port</i>
-----------------	--

Explanation

The supplied source port is not valid. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid source port value. Valid values are integers in the range 0 to 65 535, or a single asterisk (*) used to indicate all source ports.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0044E	Invalid dest port <i>port</i>
-----------------	--------------------------------------

Explanation

The supplied destination port is not valid. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid destination port value. Valid values are integers in the range 0 to 65 535, or a single asterisk (*) used to indicate all destination ports.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0045E	Invalid linkname <i>linkname</i>
-----------------	---

Explanation

The LINKNAME value is too long. Valid link names must be no more than 8 characters. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid link name value.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0046E	IP=* invalid with SUBNET
-----------------	---------------------------------

Explanation

The SUBNET trace option cannot be specified with IP=*. An IP option of an asterisk (*) generates an implied subnet address mask (SUBNET option) of 0.0.0.0. In other words, IP=* is the equivalent of IP=0.0.0.0 SUBNET=0.0.0.0. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, and remove the SUBNET option, or specify an IP address other than *.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0047E**Undefined linkname *linkname*****Explanation**

The specified link name is not defined in the driver. The PKTTRACE LIST command can be used to display the defined link names for the driver. Note that SNALINK LU0 must have the IUCV connection open for the LINK before it is recognized. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a defined link name.

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0048E**Undefined keyword value option *option*****Explanation**

The specified text is not a valid keyword value option for the PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action

Processing continues.

Operator response

Reenter the PKTTRACE command, specifying a valid option. The valid keyword value options are:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

System programmer response

None.

Module

IUPKTTRC

Procedure name

PARSEPKT

EZY0052E	PKTCLEAR : Trace entry list is already clear
-----------------	---

Explanation

The PKTCLEAR subroutine has been called to clear the linked list of trace entries, however the list contained no entries. The PKTCLEAR subroutine is called when the device driver is terminating due to a shutdown request. This is an internal error. This error will not cause system problems.

System action

The driver continues to shut down.

Operator response

Contact the system programmer.

System programmer response

Contact the IBM Software Support Center to report this internal error.

Module

IUPKTTRC

Procedure name

PKTCLEAR

EZY0053E	PKTCLEAR : FREEMAIN failed with return code <i>return_code</i>
-----------------	---

Explanation

The PKTCLEAR subroutine has been called to clear the linked list of trace entries. The FREEMAIN system macro used to free the virtual storage for each entry has failed with the specified return code. The PKTCLEAR subroutine is called when the device driver is terminating due to a shutdown request. This might be an internal error. This error will not cause system problems.

System action

The driver continues to shut down.

Operator response

Contact the system programmer.

System programmer response

Use the return code from the FREEMAIN macro to identify the problem. See [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#) for information about the FREEMAIN macro and its return codes. If the error still occurs, contact the IBM Software Support Center for more information and to report this internal error.

Module

IUPKTTRC

Procedure name

PKTCLEAR

EZY0054E	PKTLINK : GETMAIN failed with return code <i>return_code</i>
-----------------	---

Explanation

The PKTLINK subroutine has been called to allocate an entry in the linked list of trace entries. The GETMAIN macro used to allocate the virtual storage for the entry has failed with the specified return code. The PKTLINK subroutine is called during device driver initialization. Packet tracing might be disabled for some or all links.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

Define more virtual storage and try to restart the driver. Use the return code from the GETMAIN macro to identify the problem. See [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#) for information about the GETMAIN macro and its return codes. If the error still occurs, contact the IBM Software Support Center for more information.

Module

IUPKTTRC

Procedure name

PKTLINK

EZY0055E	PKTLINK : Linkname <i>linkname</i> already in trace entry list
-----------------	---

Explanation

The PKTLINK subroutine has been called to allocate an entry in the linked list of trace entries. The link name specified in the subroutine call is already present in the list of trace entries. The PKTLINK subroutine is called during device driver initialization. This is an internal error. This error will not cause system problems. Packet tracing might be disabled for some or all links.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

Contact the IBM Software Support Center to report this internal error.

Module

IUPKTTRC

Procedure name

PKTLINK

EZY0056E

PKTTRACE : No linknames defined

Explanation

The PKTTRACE subroutine has been called to determine if an IP packet should be traced, however the linked list of trace entries is empty. The list of trace entries should be initialized with an entry corresponding to each link that is defined for the device driver. This is an internal error. This error will not cause system problems. Packet tracing is disabled for all links.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

Contact the IBM Software Support Center to report this internal error.

Module

IUPKTTRC

Procedure name

PKTTRACE

EZY0057E

PKTTRACE : Packet length does not include IP or UDP/TCP headers

Explanation

The PKTTRACE subroutine has been called to trace an IP packet that has been corrupted or truncated, removing headers that are required to determine if the packet is to be traced. The packet is not a valid IP packet. This could be a network problem or an internal error. This error will not cause system problems. The packet in error is not traced.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

The formatted output that appears prior to this message indicates which connection the IP packet belongs to. Use PKTTRACE to determine if a network node is creating an IP packet that is not valid or if part of the network is damaging IP packets.

Module

IUPKTTRC

Procedure name

PKTTRACE

EZY0058E

PKTTRACE : Linkname *linkname* not in trace entry list

Explanation

The PKTTRACE subroutine has been called to determine if an IP packet should be traced, however the link that the packet was sent to or received from is not in the linked list of trace entries. The list of trace entries should be initialized with an entry corresponding to each link that is defined for the device driver. This is an internal error. This error will not cause system problems. Packet tracing might be disabled for some or all links.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

Contact the IBM Software Support Center to report this internal error.

Module

IUPKTTRC

Procedure name

PKTTRACE

EZY0620E

**Incorrect function code specified for EZAPPCF Routing: Major Key =
key Minor Key = *key***

Explanation

The VSAM function request made to module EZAPPCF is not supported. The program returns an error code to the calling module.

System action

Processing continues.

Operator response

None.

System programmer response

Obtain a dump and contact the IBM Software Support Center.

Module

EZAPPFCE

Procedure name

ERR00001

EZY0621E	Storage Allocation Error in EZAPPFCE Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	--

Explanation

Insufficient virtual storage available for EZAPPFCE processing.

System action

EZAPPFCE ends abnormally.

Operator response

None.

System programmer response

Increase the region size of the address space.

Module

EZAPPFCE

Procedure name

ERR00002

EZY0622E	LOAD failure for EZAPPFCA Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	---

Explanation

Module EZAPPFCA is unavailable.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Make sure module EZAPPFCA is available through LINKLIST or STEPLIB specifications.

Module

EZAPPFCE

Procedure name

ERR00003

EZY0630E	Specified Routing not in Routing File Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	---

Explanation

The routing specified does not exist in the routing file. The program returns an error code to the calling module.

System action

Processing continues.

Operator response

If the routing was generated by JES, check the class, destination, and forms specified on the JES DD statement. Unless modified by an exit, a JES routing takes the form DDDD0000CFFFF000. The characters represent class, destination and forms as indicated in the following:

C

Class

DDDD

Destination

FFFF

Forms

If the routing was generated by VTAM, check the LU name and LU type. Unless modified by an exit, a VTAM routing takes the form LUNAMExxxxxxxx. The LU name is represented in this form as follows:

LUNAMExx

The LU name.

xxxxxxxx

Any string, but it must be specified.

If the exit is a general routing exit, specific routing exit, or input record exit, modify the routing name.

System programmer response

If the exit was a general routing exit, specific routing exit, or input record exit, modify the routing name and check the logic of the exit for errors.

Module

EZAPPFCE

Procedure name

ERR01001

EZY0631E	Error in General Routing Exit RC=xxxx. Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	--

Explanation

The general routing exit returned an error condition indicator in register 15. Any return codes other than zero, one, or two indicate the exit did not complete successfully.

System action

Processing continues.

Operator response

None.

System programmer response

Determine the cause of the error condition indicated by the EZAPPGPR return code. If necessary, restart the capture point after correcting the error.

Module

EZAPPCF

Procedure name

ERR01002

EZY0632E	Error in Specific Routing Exit =xxxx. Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	---

Explanation

The specific routing exit returned with a nonzero value **xxxx** in register 15.

System action

Processing continues.

Operator response

None.

System programmer response

Use the error code to determine the cause of the problem and correct it.

Module

EZAPPCF

Procedure name

ERR01003

EZY0633E	Number of routing records not equal to number of destinations Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	---

Explanation

The number of routing records found for this key is not equal to the number of records specified in the type N record. The program returns an error code to the calling module.

System action

Processing continues.

Operator response

Correct the routing file.

System programmer response

None.

Module

EZAPPCF

Procedure name

ERR01004

EZY0634E	Specified Options not in Options File Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	---

Explanation

The option specified does not exist in the options file. The program returns an error code to the calling module.

System action

Processing continues.

Operator response

Check the routing file entry for a correctly specified options entry.

System programmer response

If this is a general routing exit, specific routing exit, or input record exit, modify the routing name, and check the logic of the exit for errors.

Module

EZAPPCF

Procedure name

ERR01005

EZY0635E	VSAM Error on <i>operation</i> Return Code=<i>rc</i> Reason Code=<i>reason</i> DDNAME=<i>ddname</i>
-----------------	--

Explanation

An error was encountered in a VSAM operation. The values specified in the message indicate the following:

operation

The operation that proved unsuccessful

rc

The return code

reason

The reason code

ddname

The ddname of the file

The program returns an error code to the calling module.

System action

Processing continues.

Operator response

None.

System programmer response

See [z/OS DFSMS Macro Instructions for Data Sets](#) for an explanation of the reason and response codes.

Module

EZAPPCF

Procedure name

VSMERR50

EZY0636E**LINK Error on Specific Routing Exit.****Explanation**

The specific routing exit defined in this routing cannot be accessed. Routing: Major Key = *key* Minor Key = *key*. The program returns to the caller with an error code.

System action

Processing continues.

Operator response

Do the following:

- Note message CSV003I which gives the name of the module not found.
- Make sure the exit is correctly named in the routing file definition.
- Make sure the exit module exists in STEPLIB or JOBLIB or LPA data sets.

System programmer response

None.

Module

EZAPPCF

Procedure name

ERR01006

EZY0651E

**Invalid function code passed to EZAPPCFM Routing: Major Key = *key*
Minor Key = *key***

Explanation

EZAPPCFM was invoked with a function code that is not valid. EZAPPCFM returns a X'0001' return code to the caller.

System action

Processing continues.

Operator response

None.

System programmer response

If the user is invoking EZAPPCFM directly, check the invoking program for a valid function code. If EZAPPCFM is being invoked by either the NPF FSS writer or NPF VTAM capture point application, contact the IBM Software Support Center.

Module

EZAPPCFM

Procedure name

ERR00001

EZY0652E

**Storage allocation error in EZAPPCFM Routing: Major Key = *key* Minor
Key = *key***

Explanation

An attempted GETMAIN in EZAPPCFM was unsuccessful. EZAPPCFM returns a X'0002' return code to the caller.

System action

Processing continues.

Operator response

Increase the virtual storage allocation for the address space and resubmit the job.

System programmer response

None.

Module

EZAPPCFM

Procedure name

ERR00002

EZY0653E**Unable to load EZAPPCF Routing: Major Key = key Minor Key = key**

Explanation

The attempt to load module EZAPPCF was unsuccessful. EZAPPCF returns a X'0003' return code to the caller.

System action

Processing continues.

Operator response

None.

System programmer response

Check the libraries in the STEPLIB or JOBLIB DD statement to make sure one of them contains the EZAPPCF load module.

Module

EZAPPCF

Procedure name

ERR00003

EZY0654E**Error loading input record exit Routing: Major Key = key Minor Key = key**

Explanation

The options data specified an input record exit, but the attempt to load it was unsuccessful. EZAPPCF returns a X'0004' return code to the caller.

System action

Processing continues.

Operator response

1. Determine if the routing is correct.
2. Check the routing file entry for this routing. The options name specified must match an options file record.

System programmer response

1. Check the JOBLIB and STEPLIB concatenations to make sure the exit module is available.
2. If any user exits modify the routing data area, check the logic of the user exits.

Module

EZAPPCF

Procedure name

ERR00004

EZY0655E	Unable to attach EZAPPLPR Routing: Major Key = <i>key</i> Minor Key = <i>key</i>
-----------------	---

Explanation

The attempt by module EZAPPFM to ATTACH the EZAPPLPR subtask was unsuccessful. EZAPPFM returns a X'0005' return code to the caller.

System action

For the VTAM capture point, processing continues. For the JES capture point, the program ends abnormally.

Operator response

Notify the system programmer.

System programmer response

1. Check the JOBLIB and STEPLIB concatenations to make sure that module EZAPPLPR is available.
2. Contact the IBM Software Support Center.

Module

EZAPPFM

EZY0656E	Error on Dynamic Allocation of data file, RC=<i>return code</i>, S99RET=<i>code</i> DSname =<i>name</i>
-----------------	--

Explanation

Attempts to allocate a print data file were unsuccessful. The dynamic allocation return code and reason code are displayed. If the failure occurred during SMS processing, the SMS reason code (S99ERSN) displays in place of the DYNALLOC reason code (S99ERROR).

System action

The dynamic allocation will be tried again. If that attempt is also unsuccessful, an error condition will be returned to the capture point indicating a print data set is not available.

Operator response

Check for related messages that indicate insufficient DASD space or insufficient virtual storage and correct the problem indicated.

System programmer response

Investigate the reason for any dynamic allocation return codes contained in the message. These return and reason codes are documented in [z/OS MVS Programming: Authorized Assembler Services Guide](#).

Module

EZAPPFM

Procedure name

ERR01001

EZY0657E	OPEN failure on data file. DSname =<i>name</i>
-----------------	---

Explanation

The print data file named could not be opened. EZAPPFCD returns a X'1003' return code to the caller.

System action

Processing continues.

Operator response

Look for associated messages and correct the problems indicated.

System programmer response

None.

Module

EZAPPFCD

Procedure name

ERR01003

EZY0658E CLOSE failure on data file. DSname =name

Explanation

The print data file named could not be closed. EZAPPFCD returns a X'2001' return code to the caller.

System action

Processing continues.

Operator response

Look for associated messages and correct the problems indicated.

System programmer response

None.

Module

EZAPPFCD

Procedure name

ERR02001

EZY0659E PUT failure on data file. DSname =name

Explanation

An error occurred on a PUT to the named file. EZAPPFCD returns a X'3002' return code to the caller.

System action

Processing continues.

Operator response

Look for associated messages and correct the problems indicated.

System programmer response

None.

Module

EZAPPCFM

Procedure name

ERR03002

EZY0660E	Error on input record exit Routing: Major Key = key Minor Key = key
-----------------	--

Explanation

A user-provided input record exit returned a nonzero return code in Register 15. EZAPPCFM returns a X'3003' return code to the caller.

System action

Processing continues.

Operator response

None.

System programmer response

Determine the problem with the input record exit and correct it.

Module

EZAPPCFM

Procedure name

ERR03003

EZY0661E	Record length error Routing: Major Key = key Minor Key = key
-----------------	---

Explanation

A record length less than 0 was specified. EZAPPCFM returns a X'3004' return code to the caller.

System action

Processing continues.

Operator response

Determine the source of the incorrect record length and correct it.

System programmer response

None.

Module

EZAPPFM

Procedure name

ERR03004

EZY0662E	Data file open for SEND DSname =<i>name</i>
-----------------	--

Explanation

EZAPPFM received a request to send the data set to LPR but it is still open. Data might be lost. EZAPPFM returns a X'4001' return code to the caller.

System action

Processing continues.

Operator response

None.

System programmer response

If this is a user-written invocation of EZAPPFM, make sure the CLOSE function was invoked prior to doing the SEND. If EZAPPFM is invoked by the NPF FSS writer or NPF VTAM capture point, notify the IBM Software Support Center.

Module

EZAPPFM

Procedure name

ERR04001

EZY0663E	Data file deallocation error DSname =<i>name</i>
-----------------	---

Explanation

An error occurred when deallocating the named data set. EZAPPFM returns a X'4004' return code to the caller.

System action

Processing continues.

Operator response

None.

System programmer response

Notify the IBM Software Support Center.

Module

EZAPPFM

Procedure name

ERR04004

EZY0664E**Error on Queue record creation DSname =*name*****Explanation**

An error occurred on the creation of the queue record associated with the named data set. EZAPPFM returns a X'4004' return code to the caller.

System action

Processing continues.

Operator response

Look for associated message EZY0635E to determine the cause of the problem.

System programmer response

None.

Module

EZAPPFM

Procedure name

ERR04004

EZY0665E**Capture Point Initialization Failure****Explanation**

A failure occurred at startup of the VTAM or JES capture points or during TCPIP initialization while processing in the capture points. The error is returned to the caller.

System action

The program ends abnormally.

Operator response

See the accompanying message to determine the cause of the failure.

System programmer response

None.

Module

EZAPPFM

EZY0666I**File Management Initialization Completed**

Explanation

Network Print Facility file management initialization is complete. All parameters specified were acceptable.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFM

EZY0667I	PRINT STARTUP USED DATASET <i>name</i>
-----------------	---

Explanation

The startup process for Network Print Facility used the indicated data set as a source for one or more of the startup parameters.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFM

EZY0668E	INVALID HIGH LEVEL QUALIFIER
-----------------	-------------------------------------

Explanation

The high-level qualifier for the data set name is not valid. The high-level qualifier contains one of these errors:

- The qualifier is longer than 26 characters.
- The qualifier starts or ends with a period.
- The qualifier has a node name longer than 8 characters.

System action

Processing continues.

Operator response

Enter a valid high-level qualifier for the data set name and reissue the request.

System programmer response

None.

Module

EZAPRFCI

EZY0669E	INVALID TCP/IP JOBNAME
-----------------	-------------------------------

Explanation

The job name specified is not valid; it is longer than 8 characters.

System action

Processing continues.

Operator response

Enter a valid job name and reissue the request.

System programmer response

None.

Module

EZAPRFCI

EZY0670E	INVALID ALLOCATION PARAMETER
-----------------	-------------------------------------

Explanation

The allocation parameter specified is not valid. The allocation parameter contains one of these errors:

- The type is not CYL, TRK, or a number.
- The number specified for a block size is zero or negative.
- The primary allocation is not positive or not specified.
- The secondary allocation is negative or not specified.

System action

Processing continues.

Operator response

Make sure the allocation parameters are entered correctly and reissue the request.

System programmer response

None.

Module

EZAPPCFI

EZY0671E

INVALID THREAD SPECIFICATION, *n* WAS USED

Explanation

The specified thread value was not valid. The thread value must be greater than, or equal to one and less than, or equal to eleven. The value in *n* will be used instead.

System action

Processing continues.

Operator response

Specify a valid thread value if the default value in *n* is not acceptable.

System programmer response

None.

Module

EZAPPCFI

EZY0672E

DEFAULT HIGH LEVEL QUALIFIER INVALID

Explanation

The specified high-level qualifier in module CMMVSYs is longer than 26 characters.

System action

Processing continues.

Operator response

Make sure the high-level qualifier in CMMVSYs is not longer than 26 characters and reissue the request.

System programmer response

None.

Module

EZAPPCFI

EZY0673E

Insufficient space for data file.

Explanation

Network Print Facility did not have enough space to create the data file. This results in Network Print Facility issuing an x37 abend and a 4005 return code.

System action

Processing continues.

Operator response

None.

System programmer response

Increase the space allocation parameter values used for startup.

Module

EZAPPFCEM

EZY0674E	PUT attempted on file which is not open
-----------------	--

Explanation

The Network Print Facility has found an error attempting to write to the QSAM print file. A return code of x'3006' is passed back to the caller.

System action

Processing continues.

Operator response

None.

System programmer response

Look for associated messages and investigate the reason why the print file might not have been opened or allocated.

Module

EZAPPFCEM

EZY0676I	Startup value for <i>dataset value</i>
-----------------	---

Explanation

This message displays the value passed to the JES writer on startup for data sets created by the JES writer.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFCEI

Procedure name

main.

EZY0677E**Error on deletion of Active record**

Explanation

An error was encountered while attempting to delete a record from the active file.

System action

Processing continues.

Operator response

This error will be accompanied by message EZY0635E. See that message for diagnosis information.

System programmer response

None.

Module

EZAPPCFM

EZY0678E**NON-ZERO RETURN CODE xxxxxxxx FROM INITAPI CALL TO yyyyyyyy**

Explanation

A failure occurred at startup of the VTAM or JES capture points, or during Queue Manager initialization while attempting to initialize the SOKETS interface to the TCPIP address space. The error code from the INITAPI call (xxxxxxx) and the TCPIP address space name used for the call (yyyyyyy) are displayed. The error is returned to the caller.

System action

The program ends abnormally.

Operator response

Ensure that the TCPIP address space is active prior to starting the VTAM or JES capture points or the Queue Manager. An error of 00010191 indicates that the TCPIP IUCV was not installed.

System programmer response

Ensure that the TCPIPJOBNAME value matches the job name of the currently active TCPIP address space. If no TCPIPJOBNAME statement is found in any of the parameter data sets, the default value of TCPIP is used. For information on the extended socket return codes xxxxxxxx, see [z/OS Communications Server: IP and SNA Codes](#).

Module

EZAPPCFI

EZY0679I***parameter Default value of yyyyyyyy used***

Explanation

This message displays the default value yyyyyyyy used by the capture points or Queue manager on startup for the TCPIP global parameters. The parameter field will be either TCPIPJOBNAME or DATASETPREFIX.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFCl

EZY0680I**Network Print Facility Recovery Started**

Explanation

The active file contained at least one meaningful record. Each active file record that points to a closed temporary print data set will be copied into a queue file record and then deleted. All other active file records will be deleted, along with their corresponding temporary print data sets.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFCl

EZY0681I**Network Print Facility Recovery Completed**

Explanation

All records in the active file were processed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFCEM

EZY0682E

INVALID UNIT SPECIFICATION

Explanation

The UNIT name specified on the NPFUNIT statement is out of range. The range of valid UNIT values is from one to eight characters.

System action

The error is returned to the caller.

Operator response

Correct the NPFUNIT name statement in NPF.DATA. For further information about the UNIT parameter, see the [z/OS MVS JCL Reference](#).

System programmer response

Ensure that the name specified on the NPFUNIT statement is a valid esoteric unit name, generic unit name, or unit address defined in the EDT for this system.

Module

EZAPPFCI

EZY0700E

INSUFFICIENT DESTINATIONS FOR PREVIOUS ROUTING

Explanation

The previous EZAPPFL TYPE=ROUTING macro specified more than 1 destination but there are not enough EZAPPFL TYPE=NXTDEST macros to describe them.

System action

Macro generation stops.

Operator response

Either correct the number of destinations specified in the EZAPPFL TYPE=ROUTING macro or add EZAPPFL TYPE=NXTDEST macros.

System programmer response

None.

Module

EZAPPFL

Procedure name

.TYPE000

EZY0701E

EXCESSIVE DESTINATIONS FOR PREVIOUS ROUTING

Explanation

An EZAPPFL TYPE=NXTDEST macro was encountered when it was not expected.

System action

Macro generation stops.

Operator response

Check the NDEST parameter of the previous EZAPPFL TYPE=ROUTING macro. Make sure that the number of destinations is equal to the number of EZAPPFL TYPE=NXTDEST macros following the EZAPPFL TYPE=ROUTING macro plus 1.

System programmer response

None.

Module

EZAPPFL

Procedure name

.TYPE000

EZY0702S**NO TYPE SPECIFIED IN EZAPPFL MACRO**

Explanation

The EZAPPFL macro did not contain a recognizable TYPE parameter.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.TYPE010

EZY0703E**NO MAJOR KEY SPECIFIED FOR ROUTING**

Explanation

The EZAPPFL TYPE=ROUTING macro did not contain a MAJKEY parameter. This parameter is mandatory.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT000

EZY0704E**LENGTH OF MAJOR KEY GREATER THAN 8****Explanation**

The MAJKEY parameter of the EZAPPFL TYPE=ROUTING macro contained more than 8 characters. The maximum length for the MAJKEY is 8.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT005

EZY0705E**NO MINOR KEY SPECIFIED FOR ROUTING****Explanation**

The EZAPPFL TYPE=ROUTING macro did not contain a MINKEY parameter. This parameter is mandatory.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT010

EZY0706E	LENGTH OF MINOR KEY GREATER THAN 8
-----------------	---

Explanation

The MINKEY parameter of the EZAPPFL TYPE=ROUTING macro contained more than 8 characters. The maximum length for MINKEY is 8.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT015

EZY0707E	ROUTING KEY SEQUENCE ERROR PREVIOUS: MAJKEY=xxxxxxx MINKEY=yyyyyyy CURRENT: MAJKEY=wwwwwww MINKEY=zzzzzzzz
-----------------	---

Explanation

The key specified in the current EZAPPFL TYPE=ROUTING is lower in collating sequence than the previous key. The routing macros must be in ascending order based on their MAJKEY and MINKEY parameter values.

System action

Macro generation stops.

Operator response

Rearrange and reissue the routing macros.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT020

EZY0708I	NUMBER OF DESTINATIONS NOT SPECIFIED, ASSUMED AS 1.
-----------------	--

Explanation

The NDEST parameter was not specified in the EZAPPFL TYPE=ROUTING macro. The macro assumes a value of 1.

System action

Macro generation continues.

Operator response

None, if 1 is the correct value. Otherwise, specify the NDEST parameter and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT030

EZY0709E	INVALID VALUE IN VTCLASS
-----------------	---------------------------------

Explanation

The VTCLASS parameter in the EZAPPFL TYPE=ROUTING macro specified a class less than 1 or greater than 64.

System action

Macro generation stops.

Operator response

Correct the class and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT060

EZY0710E**OPTNAME PARAMETER REQUIRED FOR ROUTING****Explanation**

The OPTNAME parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT105

EZY0711E**SREXIT NAME TOO LONG****Explanation**

The SREXIT (specific routing exit) parameter in the EZAPPFL TYPE=ROUTING macro specified a name longer than 8 characters.

System action

Macro generation stops.

Operator response

Correct the SREXIT parameter and reissue the EZAPPFL TYPE=ROUTING macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT110

EZY0712E**INAME PARAMETER REQUIRED FOR ROUTING.****Explanation**

The INAME (Internet name/address) parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT125

EZY0713E**PNAME PARAMETER REQUIRED FOR ROUTING.****Explanation**

The PNAME (printer name) parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT125

EZY0714E**INAME PARAMETER REQUIRED FOR NXTDEST.**

Explanation

The INAME (Internet name/address) parameter was not specified in the EZAPPFL TYPE=NXTDEST macro. This parameter is required.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.NEXT010

EZY0715E PNAME PARAMETER REQUIRED FOR NXTDEST.

Explanation

The PNAME (printer name) parameter was not specified in the EZAPPFL TYPE=NXTDEST macro. This parameter is required.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT125

EZY0716E OPTNAME PARAMETER REQUIRED FOR OPTIONS

Explanation

The OPTNAME parameter was not specified in the EZAPPFL TYPE=OPTIONS macro. This parameter is required.

System action

Macro generation stops.

Operator response

Correct and reissue the macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.OPTN005

EZY0717E **IREXIT NAME TOO LONG**

Explanation

The IREXIT (input record exit name) parameter specified in the EZAPPFL TYPE=OPTIONS was longer than 8 characters.

System action

Macro generation stops.

Operator response

Correct the name and reissue the EZAPPFL TYPE=OPTIONS macro.

System programmer response

None.

Module

EZAPPFL

Procedure name

.OPTN010

EZY0718E **OPTIONS KEY SEQUENCE ERROR**
PREVIOUS KEY=xxxxxxxxxxxxxxxxxxxxxxxxx CURRENT
KEY=yyyyyyyyyyyyyyyyyyyy

Explanation

The Network Print Facility file load program has determined that the key specified in the current EZAPPFL TYPE=OPTIONS macro is lower in collating sequence than the key for the previous option name. The options macros must be specified in ascending order based on their OPTNAME parameter value.

System action

Macro generation stops.

Operator response

Rearrange the EZAPPFL TYPE=OPTIONS macros in ascending order by OPTNAME and resubmit the job.

System programmer response

None.

Module

EZAPPFL

Procedure name

.OPTN025

EZY0719E	VSAM ERROR MACRO=<i>macro</i> FILE=<i>file</i> RETURN=<i>rc</i> REASON=<i>reason</i> -MAJKEY:<i>majkey</i> -MINKEY:<i>minkey</i> or -OPTNAME:<i>optname</i>
-----------------	--

Explanation

The Network Print Facility or one of the CICS® Sockets file load programs has received a nonzero return code from VSAM services. The VSAM return and reason codes are displayed in the message following the failing VSAM macro (*macro*=OPEN, PUT, or CLOSE) and file type (*file*=ROUTING, OPTIONS, or QUEUE).
For VSAM PUTs, the error message will also include the key values, either *majkey* and *minkey* for the routine file or *optname* for the options file.

System action

Macro generation stops.

Operator response

Correct the error and resubmit the job.

System programmer response

Investigate the reason for the nonzero VSAM return codes displayed in the error message. These return and reason codes are documented in [z/OS DFSMS Macro Instructions for Data Sets](#).

Module

EZAPPFL, EZACICD, EZACICR

Procedure name

n/a

EZY0720S	OPTIONS ENTRY PRECEEDS ROUTING ENTRY
-----------------	---

Explanation

AN EZAPPFL TYPE=OPTIONS macro was encountered prior to an EZAPPFL TYPE=ROUTING macro. All routing entries must precede the first options entry.

System action

Macro generation stops.

Operator response

Correct the sequence of the macros and reissue them.

System programmer response

None.

Module

EZAPPFL

Procedure name

.ROUT001

EZY0721W NDEST EXCEEDS 32767**Explanation**

The number of destinations specified exceeds the maximum value of 32767. The value is replaced with 32767.

System action

Processing continues.

Operator response

Correct the NDEST and resubmit the job.

System programmer response

Assist the user in submitting an accurate NDEST parameter value. For more information on the NDEST parameter see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPFL

Procedure name

MNOTE

EZY0722E OPTNAME PARAMETER EXCEEDS 16 CHARACTERS**Explanation**

The specified OPTNAME parameter exceeds 16 characters in length. Macro generation is terminated.

System action

Processing continues.

Operator response

Correct the OPTNAME and resubmit the job.

System programmer response

Assist the user in submitting an accurate OPTNAME parameter value. For more information on the OPTNAME parameter see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPFL

Procedure name

MNOTE

EZY0723E	RETRY LIMIT EXCEEDS 32767
-----------------	----------------------------------

Explanation

The specified retry limit parameter exceeds the maximum value of 32767. The value is replaced with 32767.

System action

Processing continues.

Operator response

Correct the RETRY LIMIT parameter and resubmit the job.

System programmer response

Assist the user in submitting an accurate RETRY LIMIT parameter value. For more information on the RETRY LIMIT parameter see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPFL

Procedure name

MNOTE

EZY0730E	TIME VALUE TOO LONG
-----------------	----------------------------

Explanation

The value specified for either RETAINT or RETRYT exceeds 8 digits. The system sets the time value to zero.

System action

Processing continues.

Operator response

Correct the time value and reissue RETAINT or RETRYT.

System programmer response

None.

Module

EZAPPFLT

Procedure name

.L9

EZY0731E**INVALID CHARACTER IN TIME VALUE**

Explanation

The EZAPPFLT macro detected a nonnumeric character in the time value. The system sets the time value to zero.

System action

Processing continues.

Operator response

Correct the time value and reissue the macro.

System programmer response

None.

Module

EZAPPFLT

Procedure name

.NERR1

EZY0732E**INVALID DAY VALUE**

Explanation

The EZAPPFLT macro detected a day value greater than 366. The system sets the time value to zero.

System action

Processing continues.

Operator response

Correct the day value and reissue the macro.

System programmer response

None.

Module

EZAPPFLT

Procedure name

.N2

EZY0733E**INVALID HOUR VALUE****Explanation**

The EZAPPFLT macro detected an hour value greater than 23. The system sets the time value to zero.

System action

Processing continues.

Operator response

Correct the hour value and reissue the macro.

System programmer response

None.

Module

EZAPPFLT

Procedure name

.NERR3

EZY0734E**INVALID MINUTE VALUE****Explanation**

The macro detected a minute value greater than 59. The system sets the time value to zero.

System action

Processing continues.

Operator response

Correct the minute value and reissue the macro.

System programmer response

None.

Module

EZAPPFLT

Procedure name

.NERR4

EZY0750I**NPF Logging Facility Started**

Explanation

The Network Print Facility has started the logging activity, which will write all output to the data set specified by the EZAPPLOG DD statement.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFM

EZY0751E**OPEN Failure on NPF Logging File**

Explanation

An error was encountered while attempting to open the data set specified by the EZAPPLOG DD statement. No logging will be done for this instance of NPF.

System action

Processing continues.

Operator response

None.

System programmer response

Verify that the file specified by the EZAPPLOG DD statement exists and is correctly specified.

Module

EZAPPFM

EZY0752E**No More Space for NPF Logging File**

Explanation

An error was encountered while attempting to write a record to the data set specified by the EZAPPLOG DD statement. All logging will be terminated immediately for this instance of NPF.

System action

Processing continues.

Operator response

None.

System programmer response

Increase the size of the data set specified by the EZAPPLLOG DD statement and restart NPF.

Module

EZAPPFM

EZY0753E

I/O Error on NPF Logging File

Explanation

The Network Print Facility has encountered an I/O error while attempting to write a record to the data set specified by the EZAPPLLOG DD statement. All logging will be ended immediately for this instance of NPF.

System action

NPF processing continues.

Operator response

None.

System programmer response

Investigate the cause of the I/O error associated with the EZAPPCTR DD statement. Previous error messages might have been generated.

Module

EZAPPCTR

Procedure name

EZY0800I

Starting the Network Print Facility VTAM Interface (NPFV)

Explanation

The Network Print Facility VTAM interface has been invoked.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPAAA

Procedure name

AACMSG00

EZY0801I**Terminating the Network Print Facility VTAM Interface (NPFV)**

Explanation

The Network Print Facility VTAM interface is terminating.

System action

The program ends.

Operator response

None.

System programmer response

None.

Module

EZAPPAAA

Procedure name

AAAEXIT0

EZY0803E**Storage allocation error**

Explanation

The NPF VTAM capture point application encountered a storage allocation error.

System action

The program ends abnormally.

Operator response

Notify the system programmer.

System programmer response

Increase the storage allocation for the capture point.

Module

EZAPPAAA, EZAPPCHD, EZAPPCLU, EZAPPOP, EZAPPPRS, EZAPPQST, EZAPPVPP

Procedure name*various***EZY0804E****Timer not operational**

Explanation

A timer used by the NPF VTAM capture point application is not operational. This can indicate a programming error.

System action

The application continues.

Operator response

None.

System programmer response

If this error results in system problems, contact the IBM Software Support Center.

Module

EZAPPCHD

Procedure name

various

EZY0806E	No PARM field specified
-----------------	--------------------------------

Explanation

The EXEC statement for the NPF VTAM capture point application did not contain the required PARM value field.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

NOPARMS, PARMSOK

EZY0807E	PARM list ended abnormally
-----------------	-----------------------------------

Explanation

MVS was unable to create a PARM list for use by the NPF VTAM capture point application. This indicates an internal error.

System action

The application halts.

Operator response

Notify the system programmer.

System programmer response

Contact the IBM Software Support Center.

Module

various

Procedure name

various

EZY0808E**No keyword specified in the PARM field**

Explanation

The EXEC statement for the NPF VTAM capture point application did not contain a required keyword before the equal sign in the PARM list.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the PARM list and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

GOTKEY

EZY0809E**Keyword too long: *keyword***

Explanation

The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM field that was greater than 8 characters.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

GOODKEYL

EZY0810E	Invalid keyword: <i>keyword</i>
-----------------	--

Explanation

The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM field that was not valid.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

FINDVALU

EZY0811E	No parameter specified for <i>keyword</i>
-----------------	--

Explanation

The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM list value with no parameter specified.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the PARM field completely and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

PROCVLU

EZY0812E	Invalid parameter specified for <i>keyword</i>
-----------------	---

Explanation

The EXEC statement for the NPF VTAM capture point application contained a keyword with an incorrect parameter.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

TRCLENOK

EZY0813E	<i>parameter</i> parameter too long
-----------------	--

Explanation

The EXEC statement for the NPF VTAM capture point application contained a keyword with that was too long.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

TRCLENOK

EZY0814E**No LUCLASS specified****Explanation**

The PARM field on the EXEC statement did not specify an LUCLASS parameter. For the NPF VTAM capture point application, this parameter is required.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPRS

Procedure name

PRSEXITO

EZY0815E**No LUs were found with the specified LUCLASS****Explanation**

No match was found between the LU classes specified in the startup parameters for a VTAM application and the LU classes specified for destinations in the routing file.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPCLU

Procedure name

CLUEXIT0

EZY0816E

MAXOPEN too big for MAXFLSTG

Explanation

The MAXOPEN and MAXFLSTG subparameters were both specified in the JCL that starts the Network Print Facility's VTAM Capture Point application. MAXFLSTG is less than MAXOPEN multiplied by 16K (MAXOPEN * 16K) which means that MAXOPEN is not providing any meaningful limit function.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Specify a MAXFLSTG value greater than or equal to MAXOPEN * 16K or eliminate the MAXOPEN subparameter. For more information on the MAXOPEN and MAXFLSTG subparameters, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPCHD

EZY0817E

Unable to load *module*

Explanation

There was a problem loading the specified module.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Make sure that there is sufficient storage available to load the module.

Module

various

EZY0818E

ATTACH of *module* failed

Explanation

The NPF VTAM capture point application was unable to attach the specified module.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Make sure that there is sufficient storage available to load the module.

Module

EZAPPVPP

Procedure name

VPCMSG07, ATTCHQST, ATTCHQOK

EZY0820E **OPEN failed for routing file.****Explanation**

The NPF VTAM capture point application was unable to open the routing file.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Make sure the file indicated in the message exists and the DD statement is correct.

Module

EZAPPCLU

Procedure name

ISSUERR

EZY0821E **GET failed for routing file****Explanation**

The NPF VTAM capture point application encountered an error trying to retrieve a routing record.

System action

If the program was initializing when the error occurred, the program ends abnormally, otherwise, the program continues.

Operator response

Notify the system programmer.

System programmer response

This should be accompanied by message EZY0630E, which gives the name of the routing that proved unsuccessful. Follow the response for that message.

Module

EZAPPCLU

Procedure name

ISSUERR

EZY0822E	<i>name</i> Duplicate LU names in routing file
-----------------	---

Explanation

The Network Print Facility VTAM capture point has found multiple VTAM routings with the same major name (*name*). There cannot be duplicate names in the routing file.

A VTAM routing is one for which a nonzero LUCLASS value has been specified. For VTAM routings, the major name is the printer's LU name. For more information on input record fields of the routing file, see the [z/OS Communications Server: IP Network Print Facility manual](#).

System action

The program uses the first VTAM routine with major name *name* and ignores the duplicates.

Operator response

None.

System programmer response

Remove the duplicate name from the major name field of the routing file.

Module

EZAPPCLU

Procedure name

BADLU

EZY0823E	xxxxxxx - Undetermined OPEN error, RC = <i>rc</i>
-----------------	--

Explanation

An attempt to open an LU failed for an unknown reason. The value returned in the error field of the ACB is displayed in the *rc* portion of this message.

System action

The program marks the LU as permanently dead.

Operator response

Determine what type of error occurred by looking in the [z/OS Communications Server: SNA Programming](#) under the OPEN macro, Completion Information section, then contact the system programmer.

System programmer response

For error code 36 (24 hexadecimal), correct the specified APPL definition. For all other error codes, contact the IBM Software Support Center.

Module

EZAPPCLU

Procedure name

EZY0824E	<i>name - LU unknown to VTAM</i>
-----------------	---

Explanation

The indicated LU is not known to VTAM.

System action

The program marks the LU as retryable and will periodically attempt to open the LU.

Operator response

Make sure the specified LU is defined to VTAM and activated.

System programmer response

Make sure the LUCLASS parameter in the JCL specifies the correct set of LU names in the routing file. Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPOP

Procedure name

OPCMG05

EZY0825E	<i>name - LU is in the process of being opened or closed</i>
-----------------	---

Explanation

A connection request has been received for the specified LU that is in the process of opening or closing.

System action

The program marks the LU as retryable and will periodically attempt to open the LU.

Operator response

Make sure the LU is not already in use by another application.

System programmer response

None.

Module

EZAPPOP

Procedure name

OPCMG06

EZY0826E	LU name - LU already in use by another application
-----------------	---

Explanation

A connection request has been received for the specified LU which is already active.

System action

The system marks the LU as retryable and will periodically attempt to open the LU.

Operator response

None.

System programmer response

Correct the startup parameter or the routing file. Also, make sure the specified LU is not already in use by another application. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPOP

Procedure name

OPCMG07

EZY0827E	name - LU was improperly defined in VTAM definition deck
-----------------	---

Explanation

The specified LU name that is assigned to the NPF VTAM capture point application has attributes that are inconsistent with this use.

System action

The program ignores the LU.

Operator response

Make sure the LU is not already in use.

System programmer response

Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPOP

Procedure name

OPCMG08

EZY0828E *number LUs unknown to VTAM*

Explanation

The indicated number of LUs are not known to VTAM.

System action

The program marks the LUs as retryable and will periodically attempt to open them.

Operator response

Make sure the LUs are defined to VTAM and activated.

System programmer response

Make sure the LUCLASS parameter in the JCL specifies the correct set of LU names in the routing file. Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPOP

Procedure name

OPCMG05

EZY0829E *number LUs in the process of being opened or closed*

Explanation

The indicated number of LUs are in the process of opening or closing.

System action

The program marks the LUs as retryable and will periodically attempt to open them.

Operator response

Make sure the LUs are not already in use by another application.

System programmer response

None.

Module

EZAPPOP

Procedure name

OPCMMSG06

EZY0830E*number LUs already in use by another application*

Explanation

A connection request has been received for the indicated number of LUs, which are already active.

System action

The system marks the LUs as retryable and will periodically attempt to open them.

Operator response

None.

System programmer response

Correct the startup parameter or the routing file. Also, make sure the specified LU is not already in use by another application. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPOP

Procedure name

OPCMMSG07

EZY0831E*number LUs improperly defined in VTAM definition deck*

Explanation

The indicated number of LUs are assigned to the NPF VTAM capture point application and have attributes that are inconsistent with this use.

System action

The program ignores the LUs.

Operator response

Make sure the LUs are not already in use.

System programmer response

Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPOP

Procedure name

OPCMMSG08

EZY0832E**SETLOGON failed for *name*****Explanation**

An attempt was made to issue a SETLOGON START for an open ACB.

System action

The program closes the ACB and will periodically try the OPEN ACB and SETLOGON operations again.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure enough storage is available for VTAM.

Module

EZAPPOP

Procedure name

OPCMG09

EZY0833E**VTAM is currently inactive****Explanation**

The VTAM support on the system is not active.

System action

The program continues to run and will periodically try the VTAM OPEN ACB operation again.

Operator response

Make sure VTAM is active before starting Network Print Facility for VTAM.

System programmer response

None.

Module

EZAPPOP

Procedure name

OPCMG03

EZY0834E**VTAM is shutting down****Explanation**

The VTAM support on the system is being shut down.

System action

The program continues to run and will periodically try the VTAM OPEN ACB operation again.

Operator response

Reactivate VTAM or end Network Print Facility for VTAM.

System programmer response

None.

Module

EZAPPOP

Procedure name

OPCMG04

EZY0835E **No VTAM exists on the system**

Explanation

The system contains no VTAM support.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Make sure VTAM is installed before running Network Print Facility for VTAM.

Module

EZAPPOP

Procedure name

OPCMG02

EZY0837I **Enter NPFV application operator command**

Explanation

This message prompts for an operator command. The possible commands and their usage can be found in the [z/OS Communications Server: IP Network Print Facility](#).

System action

Processing continues.

Operator response

See the [z/OS Communications Server: IP Network Print Facility](#) for information on NPFV application operator commands and their usage.

System programmer response

None.

Module

EZAPPAAA, EZAPPCHD

Procedure name

AAIWTOR

EZY0838E	Invalid reply specified
-----------------	--------------------------------

Explanation

The reply to message EZY0837I is not correct.

System action

The system prompts for another reply.

Operator response

Re-enter the correct reply.

System programmer response

None.

Module

EZAPPCHD

Procedure name

CHCMSG02

EZY0839E	LU specified not in the routing file
-----------------	---

Explanation

The LU specified on the LUNAME operator reply was not found in the routing file.

System action

Processing continues.

Operator response

Make sure the correct LUNAME is specified and reenter the request.

System programmer response

Update the routing file if necessary.

Module

EZAPPCLU

Procedure name

EZY0840E	LU specified already open
-----------------	----------------------------------

Explanation

The requested LU was already open.

System action

Processing continues.

Operator response

Make sure that the proper LU was requested.

System programmer response

None.

Module

EZAPPCLU

Procedure name

DOSRCH1

EZY0841E	Routing file record not specified as NPF VTAM record
-----------------	---

Explanation

The user requested a new LU be opened by the NPF VTAM capture point application. The one requested is not marked as a VTAM record.

System action

Processing continues.

Operator response

Make sure the correct LU name was entered.

System programmer response

Make sure the routing file has been configured correctly.

Module

EZAPPCLU

Procedure name

BADLU

EZY0842I**LUNAME ADD succeeded****Explanation**

The LU was successfully created.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPCHD

Procedure name

OPNLUXIT

EZY0843E**LUNAME ADD failed****Explanation**

There was an error while attempting to create a Logical Unit.

System action

Processing continues.

Operator response

Notify the system programmer.

System programmer response

Determine if the appropriate parameters were specified on the EXEC statement for the creation of an LU.

Module

EZAPPCHD

Procedure name

CREATFLD

EZY0844I**LUNAME DEL succeeded**

Explanation

A connection has been successfully deleted.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPCHD

Procedure name

n/a

EZY0845E**LUNAME DEL failed - LU does not exist****Explanation**

A connection could not be deleted because the specified connection does not exist.

System action

Processing continues.

Operator response

Make sure the connection was properly specified.

System programmer response

None.

Module

EZAPPCHD

Procedure name

n/a

EZY0846E**LUNAME DEL failed - LU still OPEN****Explanation**

A connection could not be deleted. The logical unit is still open.

System action

Processing continues.

Operator response

Make sure that the LU is properly specified and not in use by another application.

System programmer response

None.

Module

EZAPPCHD

Procedure name

n/a

EZY0847I	Table reload complete
-----------------	------------------------------

Explanation

The end-of-file rules table or the default page format table has been reloaded after the RELOAD command has been issued. For more information, see the [z/OS Communications Server: IP Network Print Facility](#) manual.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPCHD

Procedure name

FREECOM

EZY0848E	LOAD failed for new table
-----------------	----------------------------------

Explanation

There was an error loading the new end-of-file rules table or the default page format table. See [z/OS Communications Server: IP Network Print Facility](#) for more information.

System action

Processing continues.

Operator response

Notify the system programmer.

System programmer response

Make sure that the table exists and is in the proper library, and that sufficient storage is available to support the table.

Module

EZAPPCHD

Procedure name

LOADERR1

EZY0849E	Format invalid for new table
-----------------	-------------------------------------

Explanation

The new end-of-file rules table or the default page format table format was unrecognized. For information on the page formatting macros, see [z/OS Communications Server: IP Network Print Facility](#).

System action

Processing continues.

Operator response

Notify the system programmer.

System programmer response

Correct the table format and recompile and link edit the corrected table.

Module

EZAPPCHD

Procedure name

LOADERR2

EZY0850I	Command accepted
-----------------	-------------------------

Explanation

The requested command has been accepted by the Network Print Facility. This message is issued in response to QUIT, QUIT FORCE, or KILL commands in reply to message EZY0837I, or STOP in reply to message EZY0960I. The command has been accepted as valid and shutdown of the NPF jobs has begun. There might be a significant delay between the issuing of this message and the completion of the shutdown process.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPCHD, EZAPPQSB

EZY0851E**INVALID INVOCATION OF EZAPPDPE**

Explanation

EZAPPDPE is a macro used by EZAPPDPE. This message indicates a logic error in EZAPPDPE. The EZAPPDPE macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Call the IBM Software Support Center to report the problem.

Module

EZAPPPFT

Procedure name

EZAPPDPE

EZY0852E**INVALID CHARACTER IN *field* VALUE**

Explanation

Only numbers between 0 and 9 can be specified in the value field. The EZAPPDPE macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the value in the specified field of the EZAPPDPE macro. Use only numerics between 0 and 9 in the value field.

Module

EZAPPPFT

Procedure name

EZAPPDPE

EZY0854E**PAGE FORMAT NAME IS REQUIRED****Explanation**

Each page format you specify with the EZAPPDPE macro in the EZAPPPFT module must have a name. The EZAPPDPE macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Specify a name for this page format table entry on the EZAPPDPE macro. For the proper syntax of the macro, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPFT

Procedure name

EZAPPDPE

EZY0855E**PAGE FORMAT NAME TOO LONG****Explanation**

The page format name you specified with the EZAPPDPE macro in the EZAPPPFT module is longer than eight characters. For more information on the EZAPPDPE macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPDPE macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the EZAPPDPE macro so the entry name is the correct length. For proper syntax of the macro, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPPFT

Procedure name

EZAPDPF

EZY0856E**MAX PRES. POSITION GREATER THAN 255**

Explanation

The maximum presentation position (MPP) is an optional keyword representing the line length. This can be an integer from 0 to 255. A value of 0 uses the printer's default of 80 columns. For more information on this keyword, see [z/OS Communications Server: IP Network Print Facility](#). The macro EZAPDPF is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the MPP parameter in the EZAPDPF macro to a number from 0 to 255.

Module

EZAPPPFT

Procedure name

EZAPDPF

EZY0857E**LEFT MARGIN CANNOT EXCEED MPP**

Explanation

The maximum presentation position (MPP) represents the line length. The left margin keyword (LM), which identifies where the left margin starts, cannot have a value greater than the value for MPP. A value of 0 defaults to column 1. For more information on the keywords of the EZAPDPF macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPDPF macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the LM parameter in the EZAPPPFT macro to have a value between 0 and the value for MPP.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0858E**RIGHT MARGIN < LM OR > MPP**

Explanation

The keyword representing where the right margin starts has a value that is either less than the value for left margin (LM) or it is greater than the value for the maximum presentation position (MPP). A value of 0 is also permitted and sets the right margin equal to the maximum presentation position (MPP). For more information on the keywords for the EZAPDPDF macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPDPDF macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the right margin (RM) value to be 0 or less than the value for MPP and greater than the value for LM.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0859E**HTn < LM OR > RM**

Explanation

The nth value specified for the horizontal tabs (HT=(...)) is not valid because it is either less than the left margin or greater than the right margin. A value of 0 is also permitted and is ignored. For more information about the EZAPDPDF macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPDPDF macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the horizontal tabs (HT) value to be 0 or greater than the LM value and less than the RM value.

Module

EZAPPPFT

Procedure name

EZAPDPF

EZY0860E**MAX PRES. LINE GREATER THAN 255**

Explanation

The maximum presentation line (MPL) is an optional keyword representing the page length in lines. This value can be an integer from 0 to 255. A value of 0 uses the printer default of 1 line. For more information on this keyword of the EZAPDPF macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPDPF macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the maximum presentation line (MPL) value to a number between 0 and 255.

Module

EZAPPPFT

Procedure name

EZAPDPF

EZY0861E**TOP MARGIN CANNOT EXCEED MPL**

Explanation

The top margin (TM) keyword specifies what line number the top margin starts on. This value cannot be greater than the value for the maximum page length (MPL). A value of 0 sets the top margin to line 1. For more information on this keyword of the EZAPDPF macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPDPF macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the value for the TM keyword in the EZAPDPF macro to a number between 0 and the value for MPL.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0862E**BOTTOM MARGIN < TM OR > MPL**

Explanation

The value for the bottom margin (BM) cannot be less than the top margin (TM) or greater than the page length (MPL). A value of 0 is also permitted and sets the bottom margin equal to the page length. For more information on this keyword of the EZAPDPDF macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPDPDF macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the BM value in the EZAPDPDF macro to be 0 or greater than TM and less than MPL.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0863E**VTn < TM OR > BM**

Explanation

The nth value specified for vertical tabs (VT=(...)) was not valid. The value must be less than the value for BM (bottom margin) or greater than the value for TM (top margin). A value of 0 is also permitted and is ignored. For more information about the EZAPDPDF macro, see [z/OS Communications Server: IP Network Print Facility](#) manual. The EZAPDPDF macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the value for the vertical tabs (VT) to be 0 or greater than the value for TM and less than the value for BM.

Module

EZAPPPFT

Procedure name

EZAPDPF

EZY0864I**MAX PRES. POSITION DEFAULTED TO 80****Explanation**

The optional maximum presentation position (MPP) keyword was not included in the EZAPDPF macro syntax. The MPP will default to a value of 80.

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPF

EZY0865I**LEFT MARGIN DEFAULTED TO 1****Explanation**

The left margin (LM) was not specified in the EZAPDPF macro. The LM will default to 1. To change the left margin, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPDPF macro.

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPF

EZY0866I**RIGHT MARGIN DEFAULTED TO MPP**

Explanation

The right margin (RM) was not specified in the EZAPDPDF macro. The RM will default to the value of MPP. For information on how to change the RM, see [z/OS Communications Server: IP Network Print Facility](#).

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0867I **HTn DEFAULTED TO 0**

Explanation

The nth horizontal tab parameter was omitted from the list specified with the HT=(*ht1,ht2,...*) keyword on the EZAPDPDF macro. The nth horizontal tab will default to a value of 0. For information on the HT keyword, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPDPDF macro.

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0868I **MAX PRES. LINE DEFAULTED TO 1**

Explanation

The maximum presentation line (MPL) keyword was not found in the EZAPDPDF macro. MPL will default to a value of 1. The MPL represents the page length in lines.

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0869I**TOP MARGIN DEFAULTED TO 1****Explanation**

The optional top margin (TM) keyword was not found in the EZAPDPDF macro. TM will default to a value of 1. For more information on this keyword, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPDPDF macro.

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0870I**BOTTOM MARGIN DEFAULTED TO MPL****Explanation**

The bottom margin (BM) was not found in the EZAPDPDF macro. BM will default to a value equal to the value of MPL. For more information on this keyword, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPDPDF macro.

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0871I **VTn DEFAULTED TO 0**

Explanation

The nth vertical tab parameter was omitted from the list specified with the VT=(*vt1,vt2,...*) keyword on the EZAPDPDF macro. The nth vertical tab will default to a value of 0. For more information on this keyword, see [z/OS Communications Server: IP Network Print Facility](#).

System action

The assembler continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFT

Procedure name

EZAPDPDF

EZY0872W **DEFAULT PAGE FORMAT NOT GENERATED**

Explanation

No entry name was specified, or one or more of the following had a non-numeric value as its parameter:

- MPP
- LM
- RM
- HT
- MPL
- TM
- BM

- VT

System action

The assembler continues.

Operator response

None.

System programmer response

Verify that all the keywords in the EZAPPPDPF macro have correct values. Also, verify that the format has an entry name. See [z/OS Communications Server: IP Network Print Facility](#) for more information on the keywords.

Module

EZAPPPFT

Procedure name

EZAPPPDPF

EZY0873E **STB VALUE xxx IS INVALID**

Explanation

The only valid settings for the STB operand (Suppress Trailing Blanks) are YES and NO. The EZAPPPDPF macro is not expanded.

System action

Processing continues.

Operator response

None.

System programmer response

Correct the value in the STB field of the EZAPPPDPF macro.

Module

EZAPPPFT

EZY0874E **TYPE=END MUST BE LAST MACRO**

Explanation

If the TYPE parameter in the EZAPPEFM macro is END, the macro must mark the end of the table. For information on other possibilities of the TYPE parameter, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Make sure that the EZAPPEFM TYPE=END macro call is the last statement in your EZAPPEFT source deck.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0875E	TYPE PARAMETER IS REQUIRED
-----------------	-----------------------------------

Explanation

The TYPE keyword is required for identifying the function of the EZAPPEFM macro. The 4 possible values are:

- SYSDFLT
- ENTRY
- PLU
- END

For information on these values, see [z/OS Communications Server: IP Network Print Facility](#) manual. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

When coding the EZAPPEFM macro, make sure to include the TYPE keyword and an appropriate value.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0876E	TYPE PARAMETER INVALID
-----------------	-------------------------------

Explanation

When specifying the TYPE value when coding the EZAPPEFM macro, use one the following values:

- SYSDFLT
- ENTRY
- PLU

- END

For more information on these values, see [z/OS Communications Server: IP Network Print Facility](#) manual. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the value for the TYPE keyword of the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0877E **TYPE=SYSDFLT MUST BE THE FIRST MACRO**

Explanation

The SYSDFLT parameter was present for the TYPE keyword when the EZAPPEFM macro was coded. It must be the first EZAPPEFM macro and it must be the only EZAPPEFM macro in the module with the SYSDFLT value. For information on the values of the TYPE keyword, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the value of the TYPE value in the EZAPPEFM macro or make this the first EZAPPEFM macro in the module.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0878E **MUST FOLLOW VALID TYPE=ENTRY MACRO**

Explanation

Before coding the TYPE=PLU keyword in the EZAPPEFM macro, there must be a TYPE=ENTRY keyword in a previous EZAPPEFM macro. For more information on the TYPE keyword, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Add an EZAPPEFM macro with the TYPE=ENTRY keyword, before the macro with TYPE=PLU.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0879E	TABLE ENTRY NAME IS REQUIRED
-----------------	-------------------------------------

Explanation

When coding the TYPE=ENTRY keyword in the EZAPPEFM macro, you must specify the name for the end-of-file rules table entry as the label on the macro. For information on the EZAPPEFM macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Include name of the end-of-file rules table entry as the label on the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0880E	TABLE ENTRY NAME TOO LONG
-----------------	----------------------------------

Explanation

When coding the EZAPPEFM TYPE=ENTRY macro, the macro label (name of the table entry) must be between 1 and 8 alphanumeric characters long. For information about the EZAPPEFM macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro ends abnormally.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the macro label to contain 8 or less alphanumeric characters.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0881E **NAME FOUND WHEN NOT TYPE=ENTRY**

Explanation

A label on the EZAPPEFM macro is permitted only when the TYPE is ENTRY. See [z/OS Communications Server: IP Network Print Facility](#) for more information on the macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the EZAPPEFM macro adding the TYPE=ENTRY keyword or deleting the macro label.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0882E **PLUNAME IS REQUIRED**

Explanation

While coding the EZAPPEFM macro, the TYPE=PLU keyword was found and there is no value for the PLUNAME. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Add the PLUNAME keyword and value to the macro. For information on the macro syntax and the PLUNAME keyword, see [z/OS Communications Server: IP Network Print Facility](#).

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0883E	PLUNAME FOUND WHEN NOT TYPE=PLU
-----------------	--

Explanation

When the TYPE value is not PLU, there must not be a keyword PLUNAME. For information the EZAPPEFM macro, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Remove the PLUNAME keyword or change the TYPE value to PLU.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0884E	PLUNAME TOO LONG
-----------------	-------------------------

Explanation

The value for the PLUNAME keyword of the macro syntax is too long. The maximum number of alphanumeric characters that a PLUNAME value can be is 8. For more information, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the PLUNAME to be less than or equal to 8 alphanumeric characters.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0885E**PLUNAME HAS NO SIGNIFICANT CHARS**

Explanation

The PLUNAME value specified for the PLUNAME keyword contained no characters other than * or ?. For naming conventions for the PLUNAME value, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Change the value specified by the PLUNAME keyword in the EZAPPEFM macro syntax to contain at least 1 significant character.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0886E**PLUNAME HAS IMBEDDED BLANK OR ***

Explanation

An asterisk or a blank was found in the middle of the PLUNAME value. The asterisk can be used as a wildcard at the beginning or the end of a PLUNAME value, but not in the middle. Blank spaces are not permitted in the middle of a PLUNAME value either. For naming conventions for the PLUNAME value, see the [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the PLUNAME value in the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0887E	PLUNAME HAS MIXED * AND ?
-----------------	----------------------------------

Explanation

Both an asterisk and a question mark were found in the PLUNAME value. See the [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro for information on naming conventions for the PLUNAME value. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the PLUNAME value in the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0888E	EOFn= NOT ALLOWED WITH EOF=
-----------------	------------------------------------

Explanation

Both the EOFn and the EOF keywords were found in the syntax for the EZAPPEFM macro. See the [z/OS Communications Server: IP Network Print Facility](#) manual for information on the end-of-file rules. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Delete the appropriate keyword from the macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0889E	EOF SPEC REQUIRED
-----------------	--------------------------

Explanation

The TYPE value in the EZAPPEFM macro was either SYSDFLT or PLU. With these values, an EOF or EOFn keyword is required. For information on these values, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Add an appropriate EOF or EOFn value to the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0890E	EOF SPEC NOT ALLOWED ON TYPE=END
-----------------	---

Explanation

The EOF keywords are not allowed when the TYPE value is END. For more information on the EOF specifications, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Remove the EOF keyword from the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0891E

parameter **PARAMETER UNRECOGNIZED**

Explanation

The value specified for the EOF or EOF*n* keyword on the EZAPPEFM macro is incorrect. The possible values are:

- EB
- EC
- ES
- STRING
- TIMER

For more information on these values, see [z/OS Communications Server: IP Network Print Facility](#). The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Replace the EOF or EOF*n* value with the appropriate value.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0892E

EOF*n* IDLE/BUSY TIMES REQUIRED

Explanation

When entering the value for the EOF*n*=(TIMER,*idleint*,*busyint*) keyword, the TIMER value must be followed by an idle interval and a busy interval, each specified in seconds. For information on these parameters, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Add the *idleint* and *busyint* parameters to the value of the EOF or EOF*n* keyword.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0893E	EOF<i>n</i> STRING KEEP / DEL REQUIRED
-----------------	---

Explanation

If the STRING value is used when coding the end-of-file rules (EOF) keyword for the EZAPPEFM macro, it must be accompanied by a KEEP or DEL parameter. For information on these additions, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Add the KEEP or DEL parameter to the STRING value in the coding of the EOF keyword of the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0894E	EOF<i>n</i> STRING VALUE REQUIRED
-----------------	--

Explanation

When coding the STRING value for the EOF keyword in the EZAPPEFM macro, a parameter must be included. The parameter can either be a character or hexadecimal value that does not exceed 56 characters. For more information, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the macro syntax to contain a parameter for the STRING value of the EOF keyword.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0895E	EOFn TIMER NOT ALLOWED WITH LU1
-----------------	---

Explanation

The TIMER value can be used with EOF0 or EOF3 and cannot be used with EOF or EOF1. For more information, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Specify separate rules for EOF0, EOF1, and EOF3. Use a rule other than TIMER for the EOF1 keyword of the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0896E	EOFn STRING DATATYPE NOT C OR X
-----------------	---

Explanation

When coding the STRING value of the EOF keyword of the EZAPPEFM macro, the parameter must be a hexadecimal string (X) or a character string (C). See [z/OS Communications Server: IP Network Print Facility](#) for more information. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the value of the string in the EZAPPEFM macro.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0897E **EOF n QUOTE REQUIRED AFTER C OR X**

Explanation

Following the C or X in the STRING parameter, there must be a quotation mark before the parameter. For more information on the parameters of the STRING value, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action

The assembler continues.

Operator response

None.

System programmer response

Correct the macro by adding a single quotation mark before the string and after the X or C in the EZAPPEFM macro. Remember to terminate the string with a single quotation mark also.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0898E **MACRO DID NOT EXPAND**

Explanation

The macro syntax was incorrect. This message is displayed with another error message indicating what was not correct.

System action

The assembler continues.

Operator response

None.

System programmer response

Use the message preceding this one to determine the error and correct the macro syntax.

Module

EZAPPEFT

Procedure name

EZAPPEFM

EZY0910I

fssid printerid SYSOUT DYNALLOC/OPEN DONE

Explanation

The creation and opening of the print data set is complete.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFDD

Procedure name

OPNDDD1

EZY0911I

WILL RETRY FOR DYNALLOC

Explanation

The first attempt to dynamically allocate a data set was not successful.

System action

The program continues and again attempts to dynamically allocate a data set.

Operator response

None.

System programmer response

None.

Module

EZAPPFDD

Procedure name

OPNDDD1

EZY0912I***fssid printerid JOB jobid jobname IS HELD IN JES QUEUE DUE TO NO
VALID DESTINATION*****Explanation**

Network Print Facility determined there is no valid routing record or options record for the print file. Network Print Facility does not know where to send the print file.

System action

Processing continues.

Operator response

Define a valid routing record or options record, and reissue the print request.

System programmer response

None.

Module

EZAPPFDD

Procedure name

OPNDDD1

EZY0915I***fssid printerid JOB jobid jobname HELD IN JES QUEUE DUE TO NON-
ZERO GETREC RC*****Explanation**

The Network Print Facility has received an error indication from JES during GETREC processing. No further processing of the output data set can be completed.

System action

The spool file on which the JES GETREC error occurred is changed to a HELD status in the JES queue. Processing continues with the next available print data set.

Operator response

Ensure that the job creating the output has completed successfully. If the output is not printable, it might need to be purged from the JES queue.

System programmer response

Investigate the reason for the nonzero GETREC return code. A previous error message might have been generated, listing a GETREC error condition such as GLRLGE or GLRIOE. These codes are documented in the JES GETREC Processing section of [z/OS MVS Using the Functional Subsystem Interface](#).

Module

EZAPPFA

EZY0920I***fssid printerid SYSOUT PUT/CLOSE DONE***

Explanation

The creation of a print data set is complete and the close has been performed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFDD

Procedure name

CLSDDD1

EZY0921I *fssid printerid* SYSOUT SEND DONE

Explanation

The transmission of the print data set via LPR is complete.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFDD

Procedure name

CLSDDD1

EZY0922I *fssid printerid* SYSOUT RELEASE DONE

Explanation

The JES writer has performed a termination function. This indicates the writer is ending and has successfully closed all files and detached subtasks related to Network Print Facility.

System action

The program ends.

Operator response

None.

System programmer response

None.

Module

EZAPPFDD

Procedure name

PFSADD1

EZY0930I *fssid printerid* **RESET TO FILE START REQUESTED****Explanation**

An input record exit has requested the JES writer to reset the file to the beginning for reprocessing. The system restarts the JES output file.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFDD

Procedure name

SFSDEXIT

EZY0931E **GETMAIN FOR DEVICE DRIVER SDCB FAILED****Explanation**

The JES device driver is unable to allocate its workspace due to lack of virtual storage.

System action

The system ends the JES device driver (writer).

Operator response

Increase the virtual storage assigned to the writer and restart.

System programmer response

None.

Module

EZAPPFDD

Procedure name

SFSADD1

EZY0932E *ERROR* RC=*rc* FROM FCM. FSA IS TERMINATING..

Explanation

The JES writer has received a recoverable error response from EZAPPFDD.

System action

The system ends the JES device driver (writer).

Operator response

Look for an accompanying message to provide details of the error. Respond based on the accompanying message.

System programmer response

None.

Module

EZAPPFDD

Procedure name

SFSDEXIT

EZY0933E MINOR ERROR RC=*rc* FROM FCM IS IGNORED

Explanation

The JES writer has received a recoverable error response from EZAPPFDD such as an incorrect routing.

System action

The system continues and processes the next JES output.

Operator response

Look for an accompanying message to provide details of the error. Respond based on the accompanying message.

System programmer response

None.

Module

EZAPPFDD

Procedure name

SFSDEXIT

EZY0934E	*ERROR* CAN NOT LOAD EZAPPFDD
-----------------	--------------------------------------

Explanation

The JES writer failed in attempting to LOAD EZAPPFDD.

System action

The system ends the JES device driver (writer).

Operator response

Check the JOBLIB/STEPLIB assignments to make sure that the EZAPPFDD module is accessible. If so, look for indications of a load being unsuccessful from MVS. Correct the error and try again.

System programmer response

None.

Module

EZAPPFDD

Procedure name

SFSDEXIT

EZY0939W	<i>fssid printerid</i> WARNING! Truncating print data record length. Exceeds FSS maximum of 32756.
-----------------	---

Explanation

The largest print data set record length for SPIN=DATASET has been exceeded. In order to prevent the FSS from ABENDING, the print data has been truncated.

System action

The NPF print data set is created with the maximum record length of 32756 and processing continues.

Operator response

Determine that no actual data was lost when the truncation occurred. If automatic truncation is not required, the user can modify the DCB parameters on the DD statement within the job that creates the print data set. The combination that necessitated truncation of data is RECFM=U and BLKSIZE greater than 32756.

Although it might affect other processing in the user's NPF environment, the problem can also be avoided by modifying the FSS to SPIN=GROUP. Make sure that SPIN=GROUP is acceptable before modifying this parameter.

System programmer response

None.

Module

EZAPPFDD

EZY0951E	VSAM macro failure on <i>macro</i> RETURN CODE = <i>rc</i> REASON CODE = <i>reason</i>
-----------------	---

Explanation

VSAM has encountered an error processing the Queue file.

MMMMMMMM

The name of the VSAM macro that was unsuccessful.

RRRR

The return code provided by VSAM (in)

CCCC

The reason code provided by VSAM

System action

The program ends abnormally.

Operator response

None.

System programmer response

See [z/OS DFSMS Macro Instructions for Data Sets](#) for an explanation of the reason and response codes.

Module

EZAPPQSA

Procedure name

QSIMSGPV

EZY0952E	NPF Queue Manager: Incorrect parameter/no parameter specified.
-----------------	---

Explanation

The parameters specified in the PARM field of the JCL EXEC statement are either missing or incorrect.

System action

The Queue Manager program ends abnormally.

Operator response

Correct the parameters and reissue the EXEC statement. You must specify at least one parameter at startup, the time interval between queue scans. Specify this value in hours, minutes, and seconds format *hhmmss*.

System programmer response

None.

Module

EZAPPQSA

Procedure name

QSIMSG02

EZY0953E	ATTACH for EZAPPQSB failed.
-----------------	------------------------------------

Explanation

The ATTACH for the subtask running EZAPPQSB (timer subtask) was unsuccessful. Either the module could not be found or there is insufficient virtual storage to load it.

System action

The programs ends abnormally.

Operator response

Check the STEPLIB and JOBLIB data sets or the link list for the presence of this module. If it is found, increase the virtual storage and try the job again.

System programmer response

None.

Module

EZAPPQSA

Procedure name

QSIMSG03

EZY0954E	Unable to load EZAPPFCA.
-----------------	---------------------------------

Explanation

The LOAD for module EZAPPFCA was unsuccessful. Either the module could not be found or there is insufficient virtual storage to load it.

System action

The program ends abnormally.

Operator response

Check the STEPLIB and JOBLIB data sets or the link list for the presence of this module. If it is found, increase the virtual storage and try the job again.

System programmer response

None.

Module

EZAPPQSA

Procedure name

QSIMSG04

EZY0955E**Insufficient storage for program****Explanation**

The virtual storage allocation for EZAPPQSA is not sufficient to run the program.

System action

The program ends abnormally.

Operator response

Increase the region size and rerun the program.

System programmer response

None.

Module

EZAPPQSA

Procedure name

QSI00010

EZY0956E**DYNALLOC macro failure on ALLOCATION/DEALLOCATION RETURN
CODE = rc****Explanation**

An error (nonzero value in) was returned by the DYNALLOC macro (SVC 99). rc is the return code.

System action

The program ends abnormally.

Operator response

None.

System programmer response

See [z/OS MVS Programming: Authorized Assembler Services Guide](#) for an explanation of the return code.

Module

EZAPPQSA

Procedure name

QSIMSGPD

EZY0957I**Routing *route key* operation File *filename* At time on day *day* year *year***

Explanation

Trace output. The routing identified by *route key* has completed operation *operation* using file *file* at the time stated.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPQSA

Procedure name

QSITMMMSG

EZY0958E**Initialization error in Queue Manager**

Explanation

An error occurred during initialization in the queue manger. The accompanying message describes the specific error.

System action

Queue manager stops processing.

Operator response

See the accompanying message to determine the cause of the failure.

System programmer response

None.

Module

EZAPPQSA

EZY0959E**CLOSE failure on Queue File**

Explanation

The Network Print Facility Queue Manager encountered an error trying to close the QUEUE file while ending. The error message is issued and the Queue Manager continues with ending process.

System action

Processing continues.

Operator response

None.

System programmer response

Look for associated messages and investigate the reason why the QUEUE file might not have been successfully closed.

Module

EZAPPQSA

EZY0960I

NPF Queue Manager: Enter STOP or new time value

Explanation

The operator can reply to this message to change the scan interval or stop the queue manager.

System action

The system changes the operation as specified.

Operator response

To change the scan interval, reply with a value of hours, minutes, and seconds in the form *hhmmss*. To stop the queue manager, reply with the word *STOP*. To start a trace of the NPF Queue Manager to the system console, reply with the word *TRACE*. To stop tracing the NPF Queue Manager to the system console, reply *NOTRACE*. To change the maximum printer queue depth, reply with a new value from 0-99999 in the form *QDEPTH=nnnnnn*. Specifying *QDEPTH=0* will remove any previously set *QDEPTH* limits and set *DEPTHWTO* to a value of *N*. To request that a WTP be issued when *QDEPTH* is reached, reply with *DEPTHWTO=Y*. *QDEPTH* must not be a nonzero value before *DEPTHWTO* can be turned on. To request that a WTP no longer be issued when *QDEPTH* is reached, reply with *DEPTHWTO=N*.

System programmer response

None.

Module

EZAPPQSB

EZY0961I

NPF Queue Manager: Incorrect Reply.

Explanation

The reply to message EZY0960I is not correct.

System action

The system reissues message EZY0960I.

Operator response

Respond correctly to the new message.

System programmer response

None.

Module

EZAPPQSB

EZY0962E	Unable to Attach EZAPPLPR
-----------------	----------------------------------

Explanation

The queue manager was unable to attach module EZAPPLPR.

System action

The program ends abnormally.

Operator response

None.

System programmer response

Make sure that the module EZAPPLPR is in the proper load library and that enough storage is available to load the module. Increase the region size if necessary.

Module

EZAPPQSA

EZY0963E	EZAPPLPR Task Abended Completion Code = cc
-----------------	---

Explanation

The task EZAPPLPR has ended abnormally. The reason is indicated by the MVS system completion code displayed in this message. The queue manager might retain the print data set for reprocessing according to user options in effect at the time of the error.

System action

The task ends abnormally.

Operator response

If the error persists, stop queue manager and notify the system programmer.

System programmer response

Use the MVS completion code displayed in this message and the MVS system documentation to determine the cause of the error and respond as indicated.

Module

EZAPPQSA

EZY0964I	Queue manager trace turned {on off}
-----------------	--

Explanation

The TRACE for the Queue Manager has been activated (on) or deactivated (off). This message indicates completion of a TRACE or NOTRACE command entered in reply to message EZY0960I.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPQSB

EZY0965I	Queue manager interval changed
-----------------	---------------------------------------

Explanation

The interval for Queue Manager scans has been changed in a reply to message EZY0960I.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPQSB

EZY0966I	Queue Manager DEPTHWTO turned off
-----------------	--

Explanation

No WTO will be issued when the current QDEPTH limit is reached for any printer.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPQSB

EZY0967I

Queue Manager DEPTHWTO turned on

Explanation

A WTO will be issued when the current QDEPTH limit has been reached for any printer.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPQSB

EZY0968I

Queue Manager QDEPTH changed

Explanation

QDEPTH has been changed to the new value specified.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPQSB

EZY0970I

```
yy/ddd hh:mm:ss REC data_set_name majorname minorname #recs
#dests
```

Explanation

An entire print file has been received by NPF and queued under the indicated data set name. Fields in the message are as follows:

yy/ddd hh:mm:ss

Julian date and time.

majorname

For VTAM, the SLU name. For JES, the jobname.

minorname

For VTAM, the PLU name. For JES, the username.

#recs

Number of records in the file.

#dests

Number of destinations to which the file will be sent.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPCTR

EZY0971I

*yy/ddd hh:mm:ss SND data_set_name printqueue host RC00000
rcdaction datasetaction*

Explanation

An attempt to send the print file for the specified data set to LPD for printing has been successful. Fields in the message are as follows:

yy/ddd hh:mm:ss

Julian date and time.

printqueue

The print queue name (truncated to 10 bytes, if necessary).

host

The TCPIP host name or IP address (truncated to 30 bytes, if necessary).

RC00000

Indicates an LPR return code = 0.

Note: RC50xx is a return code presented from LPR. For additional documentation, invoke LPR with the trace option specified against the data set `data_set_name` referred to in the message.

rcdaction

The following actions can occur:

- QUE (queue) indicates that a queue file record has been created/updated to allow future retries of the send operation by the NPF queue manager.
- DEL (delete) indicates that the queue file record has been deleted.
- QER (queue error) indicates an error occurred while writing a queue file record. The data has been kept to allow future retries of the send operation through manual invocation of LPR. The NPF queue manager is unable to take any further action.

datasetaction

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPCTR

EZY0972E	<i>yy/ddd hh:mm:ss SND data_set_name printqueue host errcode rcdaction datasetaction</i>
-----------------	---

Explanation

An attempt to send the print file for the specified data set to the line printer daemon (LPD) for printing has ended with an error or abend indication.

In the message text:

yy/ddd hh:mm:ss

Julian date and time.

data_set_name

The name of the data set.

printqueue

The print queue name (truncated to 10 bytes, if necessary).

host

The TCPIP host name or IP address (truncated to 30 bytes, if necessary).

errcode

The following types of errors can occur:

- AB00aaa where aaa = system abend code from the line printer control program and spooler (LPR) in hex.
- ATTFAIL indicates that an ATTACH of EZAPPLPR failed.
- RCrrrrr, where rrrrr is 5000 or greater, is a decimal return code generated by LPR; the *errcode* value is one of the following:

5011

See the last EZB0965E message. The data set or file name might be missing from the LPR command.

5012

See the last EZB0970E message. Data set organization might be incorrect.

5013

See the last EZB0968E message. Unable to allocate data set. Attributes might be incorrect or the data set is inaccessible.

5014

See the last EZB0967E message. Unable to access the data set or member.

5015

Check for message EZB0969E. LPR's ProcessOperand routine was unable to allocate a data set. Attributes might be incorrect or the data set is inaccessible. The member might not be found.

5016

Error detected when processing the LPR options that were passed. Check for the last error messages in the LPR trace.

5017

Check for message EZB0923E, EZB0912E, or EZB0914E. The printer name, the host name, or both are missing.

5018

Check for message EZB1016E, EZB0953E, EZB0957E, or EZB0959E. LPR did not receive a positive acknowledgment from the print server for the latest command that was sent. One of these messages in the LPR trace will also show the last command that failed to receive the positive acknowledgment.

5019

Check for message EZB0951E. LPR tried to send the control file command, but did not receive a positive acknowledgment.

5020

Check for message EZB0939E or EZB0919E. The error might be caused by an incorrect or unknown userID, HostName, DomainName, or TcpIpServiceName parameter, or one of the parameter values sent in the LPR command, such as the IP address. LPR can also end with this return code if the failure is in the ProcessArguments routine of LPR.

5021

Check for message EZB1026E. The printer name might be unknown or incorrectly defined. Check the printer defined in LPR/NPF or the printer defined to the LPD print server or both.

5022

Check message EZB0940E. LPR is unable to connect to the specified TCP/IP host. The GetHostn call failed to identify the host. If LPR was issued from batch, the IEF142I message indicates Cond Code = 0926 (5022 minus 4096).

5023

Data set larger than 2,147,483,647 bytes.

rcdaction

The following actions can occur:

- QUE (queue) indicates that a queue file record has been created/updated to allow future retries of the send operation by the NPF queue manager.
- DEL (delete) indicates that the queue file record has been deleted.
- QER (queue error) indicates an error occurred while writing a queue file record. The data has been kept to allow future retries of the send operation through manual invocation of LPR. The NPF queue manager is unable to take any further action.

datasetaction

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

If the *errcode* value is RCrrrrr, where rrrrr is less than 5000, see the [Sockets return codes \(ERRNOs\)](#) information in [z/OS Communications Server: IP and SNA Codes](#) for a description of the errors.

If the *errcode* value is RCrrrrr, where rrrrr is 5000 or greater, see the *errcode* description in the explanation for the list of error codes.

If the cause of the error cannot be determined, obtain an LPR trace using the data set name specified in this message to gather more detailed diagnostics.

Module

EZAPPCTR

EZY0973I	<i>yy/ddd hh:mm:ss PRG data_set_name printqueue host rcdstate rcdaction datasetaction</i>
-----------------	--

Explanation

The NPF queue manager has purged a record from the queue file for one of the following reasons:

- RETAIN(S) retain time expired after a successful transmission.
- RETAIN(U) retain time expired after all retries were exhausted for an unsuccessful transmission.
- A record was marked for deletion by the NPF panel operator.
- The end-of-set (state=X) record was found to be the only remaining record for a multi-destination routing.

The NPF queue manager might also have deleted the print data set specified by the purged queue file record:

- For a single-destination routing, the print data set is deleted when the one queue file record for that routing is purged.
- For a multi-destination routing, the print data set must be retained until all the queue file records for that routing can be processed. Only when the last of these queue file records is purged is the print data set deleted.

Fields in the message are as follows:

yy/ddd hh:mm:ss

Julian date and time.

printqueue

The print queue name (truncated to 10 bytes, if necessary), or blank (for rcdstate=X only).

host

The TCPIP host name or IP address (truncated to 30 bytes, if necessary), or blank (for rcdstate=X only).

rcdstate

The state of the queue file record at the time it was purged:

- T - successfully transmitted
- U or R - unsuccessful
- D - deletion requested by operator
- X - end-of-set record for a multi-destination routing

rcdaction

DEL indicates that the queue file record has been deleted.

datasetaction

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPCTR

EZY0974I

Queue Manager reached QDEPTH for: *printq* at *host*

Explanation

The QDEPTH limit specified has been reached for the printer displayed in the message.

System action

Processing continues.

Operator response

Investigate why the printer queue reached its limit. Possible reasons include:

- The printer is not ready to print.
- An unusually large number of print data sets has been sent to the printer within a relatively short period of time.

System programmer response

None.

Module

EZAPPQSA

Chapter 3. EZY1xxxx messages

EZY1020E

hh:mm:ss.th Line linenum: error_description - 'token'

Explanation

An error was encountered while processing a statement in the configuration data set. The line number of the statement in error is given by *linenum*. The message includes a description of the error and *token* identifies the specific text that is in error. Explanations of the errors described by *error_description* are:

Required valid statement absent

The end of the data set was reached and a valid instance of a required statement was not found. If the statement was present but contained an error, it will have already been flagged by a message.

The missing statement type is identified by *token*. The required statement types are: TCPIP, LISTENER, and TRANSACTION.

Required parameter missing or incorrect

A required parameter was not specified or was specified incorrectly. The name of the required parameter is identified by *token*.

The statement is ignored.

Prior statement conflict

The parameters specified on the TRANSACTION statement encountered on line *linenum* conflict with parameters specified on a previous TRANSACTION statement. The NAME parameter on both statements, identified by *token*, was the same, but the other parameters were different.

The transaction definition is removed from the set of transactions that can be started by the Listener.

Redeclaration of prior statement

The TRANSACTION statement encountered on line *linenum*, with NAME *token*, is the same as a previous TRANSACTION statement.

The current statement is ignored.

No parameter keyword

The parameter *token* has been specified without an identifying keyword and therefore cannot be recognized. The parameter is ignored.

No parameter value

The parameter *token* does not specify a value when one is required.

The parameter is ignored.

Unknown statement keyword

The statement type given by *token* is unknown. Valid statement types are: TCPIP, LISTENER, and TRANSACTION.

The statement is ignored.

Unknown parameter keyword

The parameter *token* specifies an unknown parameter keyword for this statement type.

The parameter is ignored.

IMPLICIT or EXPLICIT required

The parameter *token* contains an incorrect value for the transaction type.

The parameter is ignored.

Expected statement

The statement type *token* was expected on this line but another statement was encountered.

The configuration file is declared incorrect and, after parsing the remaining lines, the Listener ends.

Unexpected statement

The statement type *token* encountered on this line was unexpected. This type of statement is not valid at this position in the file.

The statement is ignored.

Maximum count exceeded

The current statement is a TRANSACTION statement and this statement has caused the number of these statements to exceed the limit specified by the MAXTRANS parameter of the LISTENER statement. The value that was specified is displayed by message EZY1021I, which is issued after this message.

The statement is ignored.

Value too long

The parameter value specified in *token* has a length that exceeds the maximum expected length for this parameter. The maximum expected length is displayed by message EZY1021I, which is issued after this message.

The parameter is ignored.

Invalid character

The parameter value specified in *token* contains a character that is not valid for this parameter such as an alphabetic character where a numeric value is required.

The parameter is ignored.

Value outside valid range

The parameter value in *token* specifies a numeric value which falls outside the allowed range of values. The allowed maximum and minimum values for this parameter are specified by messages EZY1021I and EZY1022I respectively, which are issued after this message.

The parameter is ignored.

Prior parameter conflict

The parameter value specified in *token* conflicts with a previous specification of this parameter on this statement.

If the parameter is mandatory then the statement is ignored. Otherwise, all definitions of this parameter are ignored.

Prior conflicting parameters

The parameter *token* has already been specified more than once on this statement, and these specifications were in conflict with each other.

If the parameter is mandatory, then the statement is ignored. Otherwise, all definitions of this parameter are ignored.

Redeclaration of parameter

The parameter *token* has already been specified on this statement, but the values are the same.

The statement is valid. This message can be avoided by specifying each parameter only once on a statement.

System action

The entire configuration file is parsed and errors reported. If there are sufficient valid statements to specify all the configuration options, then the Listener continues, otherwise it ends.

Operator response

Edit the configuration file and respecify the statements in error.

System programmer response

Assist the user as required.

Module

EZAIMSPS

Procedure name

varies

EZY1021I

hh:mm:ss.th Maximum: max

Explanation

This message is issued after message EZY1020E to identify the maximum allowed value for the parameter specified in that message.

System action

See message EZY1020E for more information.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

PRSCFG, ProcessParam

EZY1022I

hh:mm:ss.th Minimum: min

Explanation

This message is issued after message EZY1020E to identify the minimum allowed value for the parameter specified in that message.

System action

See message EZY1021E for more information.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

ProcessParam

EZY1023E

hh:mm:ss.th File errtype error on ddname, RC=rc

Explanation

An I/O error occurred while accessing a file with the DDNAME *ddname*. The I/O activity is given by *errtype* and is one of the following:

OPEN
CLOSE
GET
PUT

Additional information about the error can be obtained from *rc* which has the following values and associated meanings:

- 1**
Internal error.

Return value for an end of file. Used internally and is not an error. If this value is displayed with this message then a program logic error has occurred.
- 2**
File ABEND exit routine invoked.
- 3**
File SYNAD exit routine invoked.
- 4**
Internal error.

This return code indicates that a GET or PUT has been performed on a file that has not been opened successfully. If this value is displayed with this message then a program logic error has occurred.
- 5**
The record format for the file is not one of the supported types: FIXED or VARIABLE.
- 6**
Internal error.

A file structure pointer is not referencing a valid file structure. If this value is displayed with this message then a program error has occurred.
- 7**
Error occurred while closing the file.
- 8**
The ddname is not defined.

System action

The system action depends on *errtype* as follows:

Error

Description

OPEN

The Listener opens the configuration file for input and the message log for output. If either file cannot be opened, the Listener ends.

Procedure name: main, PRSCFG

CLOSE

Errors associated with closing a file are ignored and processing continues.

Procedure name: main, PRSCFG

GET

If a GET error occurs before the Listener has been able to retrieve sufficient valid configuration statements to define all the configuration options, the Listener ends. Otherwise processing continues.

Procedure name: PRSCFG

Operator response

Take appropriate action based on *errtype* such as specifying the correct ddnames or specifying files with the correct attributes.

System programmer response

Assist the user as required.

Module

EZAIMSPS

Procedure name

See the explanation above.

EZY1024I

event at hh:mm:ss.th on yyddd

Explanation

One of the following events occurred at the date and time specified.

Listener invoked

The Listener has started, and configuration file processing is about to commence.

Procedure name: main

Listener ended

The Listener has ended. Termination might have been initiated because of an operator request or because of errors. If an error condition caused the termination, the error will be described in a preceding message.

Procedure name: main

No available sockets

The Listener currently has connections open on all the sockets obtained at startup as specified by the MAXACTSKT parameter of the LISTENER statement. The connection that has been requested by a client will be accepted only when a socket becomes available.

Procedure name: ListenProcess

Security exit rejection

The user-supplied security exit has rejected a request. Further information about the client that initiated the request is supplied by messages EZY1031W, EZY1032I, and EZY1033I, which are issued after this message.

Procedure name: ReadTRMProcess

System action

The system continues.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

See the explanation above.

EZY1025W

hh:mm:ss.th description: Code=rc

Explanation

A system error has occurred. The nature of the error is given by *description*. The error is one of the following:

No storage available

A GETMAIN call, which is used to obtain storage for the TRANSACTION statements, has returned an error.

See the GETMAIN macro description for an explanation of the return code *rc*.

Procedure name: main, ListenProcess, PRSCFG

Memory deallocation unsuccessful

A FREEMAIN call has returned an error as evidenced by the return code.

See the FREEMAIN macro description for an explanation of the return code *rc*.

Procedure name: ReleaseProcess

CIB free unsuccessful

The START command CIB was not freed.

No action is required.

Procedure name: main

Ignored unknown command

The listener received an unknown command. The command is ignored and processing continues.

Procedure name: main

System action

GETMAIN errors cause the Listener to end while FREEMAIN and CIB free errors are ignored as they might occur only during Listener shutdown.

Operator response

See the GETMAIN or FREEMAIN documentation and take action as indicated, such as increasing the region size.

System programmer response

Assist the user as required.

Module

EZAIMSPS

Procedure name

See the explanation above.

Explanation

An error occurred during a socket call. The Listener processing at the time of the error and the socket call are given by *socket_error* and *socket_call*.

errno is the UNIX System Services return code. These return codes are listed and described in the [Return codes \(errno\)](#) in [z/OS UNIX System Services Messages and Codes](#).

A description of each of the errors is given below:

Unable to accept new connection, ACCEPT

An error occurred when the Listener attempted to complete a connection in response to a connection request from a client.

Procedure name: ListenProcess

Unsuccessful binding to communication port, BIND

The Listener was unable to bind the port that it is to use for accepting connection requests from clients. The port is specified by the PORT parameter of the LISTENER statement.

Procedure name: main

Socket CLOSE error:

An error occurred when the Listener attempted to close a connection.

Procedure name: ListenProcess, ReleaseProcess

Error transferring connection to server, GIVESOCKET

An error occurred when the Listener attempted to pass control of the client connection to the server.

Procedure name: CreServPro

Failed to connect to TCPIP address space, INITAPI

An error occurred while attempting to connect to the TCPIP address space. The TCPIP address space that is used is specified by the ADDRSPC parameter on the TCPIP statement.

Procedure name: main

Failed setting socket to listen mode, LISTEN

The LISTEN call, used to enable the socket connected to the listening port for incoming connections, resulted in an error.

Procedure name: main

Socket READ error:

An error occurred when the Listener attempted to receive data sent from a client program. Further information about the client is provided by message EZY1032I, which is issued after this message.

Procedure name: ReadInputProcess, ReadTRMProcess

Error waiting for communications event, SELECT

The SELECT call, used to wait for connection requests and data for implicit transactions, has resulted in an error.

Procedure name: main

Failed to obtain a socket to listen on, SOCKET

The Listener failed to acquire a socket for binding to the listening port.

Procedure name: main

Server failed to take connection, TAKESOCKET

The Listener issued a GIVESOCKET and the server failed to issue a corresponding TAKESOCKET.

Note: ERRNO is not applicable to this error.

Socket WRITE error:

An error occurred when the Listener attempted to send data to a client program.

Procedure name: WriteRSMProcess

System action

The system action depends on the error. If the error occurs during startup processing or during a SELECT call, the Listener ends. Otherwise, the connection that received the error is closed.

Operator response

For errors encountered during startup processing, check that the configuration file TCPIP and LISTENER parameters are correct. Otherwise, proceed based on the value of *errno*.

System programmer response

Assist the user as required.

Module

EZAIMSPS

Procedure name

See the explanation above.

EZY1027W***hh:mm:ss.th Unexpected condition on socket connection*****Explanation**

An unexpected exception condition or socket closure was detected on a socket connection while receiving data. Further information about the client is provided by message EZY1032I, which is issued after this message.

System action

The connection is closed.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

ReadInputProcess, SelectResponse, ReadTRMProcess

EZY1028W***hh:mm:ss.th description*****Explanation**

A condition as described by *description* was detected by the Listener. The conditions are:

Invalid request received

A connection was accepted from a client, but the data received could not be interpreted as a transaction request message (TRM) segment.

The Listener sends a request status message (RSM) segment to the client and then closes the connection.

Procedure name: ReadTRMProcess

Unknown transaction requested

The Transaction Request Message segment from a client specified a transaction that has not been defined to the Listener. Transactions are defined in the configuration file using TRANSACTION statements.

The Listener sends a request status message (RSM) segment to the client and then closes the connection.

Procedure name: ReadTRMProcess

Buffer limit reached

The amount of data sent by a client for an implicit transaction has exceeded 32KB (including segment lengths and reserved bytes).

The Listener sends a request status message (RSM) segment to the client and then closes the connection.

Procedure name: ReadInputProcess

IMS rollback performed

The Listener received a nonsuccessful status code when issuing an IMS call to build the IMS message for the requested transaction. The message has been removed by issuing a rollback call. This message will follow another message that has identified the cause of the error.

The Listener sends a request status message (RSM) segment, to the client, if possible, and then closes the connection. Sending the RSM is possible only if the error is detected before the GIVESOCKET call has been issued to pass the socket to the server.

Procedure name: CreateServerProcess

***numsktreq* sockets requested, *numsktalloc* sockets allocated**

The configuration file specified that *numsktreq* sockets be allocated to process connections; however, only *numsktalloc* sockets were made available by the socket interface. The number of sockets requested is specified by the MAXACTSKT parameter of the LISTENER statement.

Procedure name: main

System action

The system action is as indicated with each of the above entries.

Operator response

See the associated messages, EZY1032I and EZY1033I, which are issued in conjunction with this message to identify the client.

System programmer response

Assist the user as required.

Module

EZAIMSPS

Procedure name

See the explanation above.

EZY1029E

hh:mm:ss.th error_description, IMS_function STATUS='status'

Explanation

The unsuccessful status code *status* was returned in response to an IMS DC call. A description of the Listener processing at the time of the error and the IMS call function are given by *error_description* and *IMS_function* and are described below. This message appears with messages EZY1032I and EZY1033I, which provide further information about the client.

Error setting message destination, CHNG

The Listener attempted to set the destination of an alternate PCB to the transaction code specified in the transaction request message (TRM) segment in preparation for starting the transaction.

Procedure name: CreateServerProcess

Error placing data onto transaction input queue, ISRT

The error occurred while inserting either the transaction initiation message (TIM) segment or a data segment if it was an implicit transaction.

Procedure name: CreateServerProcess

Error committing transaction message, SYNC

The Listener had successfully inserted the message segments for the requested transaction but encountered the error when issuing the SYNC call.

Procedure name: CreateServerProcess

Error rolling back transaction message, ROLB

The Listener encountered the error on a rollback call it issued to remove a message that it was creating when it encountered an error as described by the above two reasons.

Procedure name: CreateServerProcess

System action

Except for an error caused by a SYNC call, a request status message (RSM) segment indicating an IMS error is sent to the client and the connection is closed. For an error on the SYNC call, the Listener closes the connection. Sending the RSM is possible only if the error is detected before the GIVESOCKET call has been issued to pass the socket to the server. This call is issued just prior to the SYNC call.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

See the explanation above.

EZY1030E**hh:mm:ss.th Program Error #xx**

Explanation

An internal program error has occurred.

System action

The Listener ends.

Operator response

Record the number xx and contact the IBM Software Support Center.

System programmer response

None.

Module

EZAIMSPS

Procedure name

SelectResp

EZY1031W	<i>hh:mm:ss.th Security exit RC=rc, Reason=rsn</i>
-----------------	---

Explanation

The user-supplied security exit has rejected a request. This message appears with messages EZY1032I and EZY1033I, which provide further information about the client.

System action

The Listener sends a request status message (RSM) segment to the client and closes the connection.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

ReadTRMProcess

EZY1032I	<i>hh:mm:ss.th Peer: ipaddress</i>
-----------------	---

Explanation

This message appears with other messages to further identify the client by providing the client's IP address.

System action

See other messages.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

Various.

EZY1033I *hh:mm:ss.th Transaction: tran_code*

Explanation

This message appears with other messages to further identify the client by printing the transaction code *tran_code* that was requested by the client.

System action

See other messages.

Operator response

None.

System programmer response

None.

Module

EZAIMSPS

Procedure name

Various.

EZY1034I *hh:mm:ss.th AIB error: Retrn=xxxx Reasn=yyyy*

Explanation

The Listener detected an error when using the AIB interface to check the status of a requested transaction.

System action

The Listener sends a request status message (RSM) segment to the client and closes the connection.

Operator response

See the section on AIB INQY call in *IMS/ESA Application Programming: DL/I Calls* for an explanation of the return and reason codes. See messages EZY1032I and EZY1033I for further information about the client.

System programmer response

Assist the user as required.

Module

EZAIMSPS

Procedure name

CreateServerProcess

EZY1035I

hh:mm:ss.th tran_code is unavailable or unknown

Explanation

The transaction *tran_code* that has been requested by a client is currently unavailable or is unknown to IMS. See messages EZY1032I and EZY1033I for further information about the client.

System action

The Listener sends a request status message (RSM) segment to the client and closes the connection.

Operator response

Make sure that a client program requests a transaction that has been defined to IMS.

System programmer response

Assist the user as required.

Module

EZAIMSPS

Procedure name

CreateServerProcess

EZY1120E

No TYPE specified

Explanation

The EZASMI macro requires a TYPE parameter. None was specified.

System action

The system ends macro generation.

Operator response

Specify a TYPE parameter on the EZASMI macro.

System programmer response

None.

Module

EZASMI

Procedure name

.TYP0

EZY1121E**TYPE parameter is invalid**

Explanation

The TYPE parameter specified for this macro is not valid.

System action

The system ends macro generation.

Operator response

Specify a valid TYPE for the macro and reissue the macro. See the [z/OS Communications Server: IP Programmer's Guide and Reference](#) for information about the macro and values for the TYPE parameter.

System programmer response

None.

Module

EZASMI

Procedure name

.TYP42

EZY1122E**PPPP parameter required for type TTTT**

Explanation

The parameter PPPP is required for the EZASMI macro when type TTTT is specified.

System action

The system ends macro generation.

Operator response

See [z/OS Communications Server: IP Programmer's Guide and Reference](#) to determine the valid parameters for the macro type you specified.

System programmer response

None.

Module

EZASMI

Procedure name

.PG01L1, .PG03L1, .PG04L1, .PG05L1, .PG06L1, .PG07L1, .PG08L1, .PG08OKC, .PG08OKD, .PG08END, .PG09L1, .PG10L1, .PG11L1, .PG11OKD, .PG13L1, .PG13OKB, .PG14L1, .PG15L1, .PG15OKB, .PG18L1, .PG19L1, .PG19OKD, .PG20L1, .PG21A2, .PG21A3

Explanation

The parameter PPPP is not required for the EZASMI macro when type TTTT is specified. It is ignored.

System action

Macro generation continues.

Operator response

See [z/OS Communications Server: IP Programmer's Guide and Reference](#) to determine the valid parameters for the macro type you specified.

System programmer response

None.

Module

EZASMI

Procedure name

.TYP50, .PG01END, .PG02END, .PG03END, .PG04N1, .PG04END, .PG05END, .PG06END, .PG07END, .PG08OKA, .PG08OKB, .PG09L0, .PG09END, .PG10END, .PG11OKA, .PG11OKB, .PG11OKC, .PG11END, .PG12END, .PG13OKA, .PG13END, .PG14END, .PG15OKA, .PG15END, .PG16END, .PG17OKA, .PG17OKB, .PG17OKC, .PG17OKD, .PG17OKE, .PG17OKF, .PG17END, .PG18END, .PG19OKA, .PG19OKB, .PG19END, .PG20END, .PG21A1

Explanation

On the SELECT, if a send mask is specified for read, write, or exception, the return mask must be specified for the same function.

System action

The system ends macro generation.

Operator response

Specify the return mask for the read, write, or exception function for which a send mask was specified.

System programmer response

None.

Module

EZASMI

Procedure name

.SELF4, .SELG4, .SELH4

Explanation

A literal specified for AF on the SOCKET function is not valid. The macro assumed AF=INET.

System action

The system ends macro generation.

Operator response

The literal for AF on the SOCKET function must be either INET or IUCV.

System programmer response

None.

Module

EZASMI

Procedure name

.SOCA01

EZY1126E**ECB not permitted for INITAPI****Explanation**

The ECB parameter is not permitted for TYPE=INITAPI.

System action

The system ends macro generation.

Operator response

Remove the ECB parameter and reissue the macro.

System programmer response

None.

Module

EZASMI

Procedure name

.INIO

EZY1127E**Invalid literal specified for PPPP****Explanation**

The literal specified for parameter PPPP is not a valid value.

System action

The system ends macro generation.

Operator response

See [z/OS Communications Server: IP Programmer's Guide and Reference](#) for the valid parameter values.

System programmer response

None.

Module

EZASMI

Procedure name

.FCNC01, .GSON05, .IOCC0E, .RCFF1, .SNDF1, .SDBT01, .SSON05

EZY1128E	Invalid socket type specified, STREAM assumed.
-----------------	---

Explanation

The socket type specified for a TYPE=SOCKET macro is not valid. SOCTYPE=STREAM is assumed.

System action

The system ends macro generation.

Operator response

Valid values for the SOCTYPE parameter are STREAM, DATAGRAM, and RAW.

System programmer response

None.

Module

EZASMI

Procedure name

.SOCCT3

EZY1129E	No ECB specified for SYNC
-----------------	----------------------------------

Explanation

The TYPE=SYNC requires an ECB parameter.

System action

The system ends macro generation.

Operator response

Specify an ECB parameter on the TYPE=SYNC request and reissue the macro.

System programmer response

None.

Module

EZASMI

Procedure name

.ECB1

EZY1130E

Invalid value for *label*

Explanation

The label specified is not a valid assembler label.

System action

The system ends macro generation.

Operator response

Specify a label that is a maximum of eight characters in length.

System programmer response

None.

Module

EZASMI

Procedure name

.N0003

EZY1218E

***mm/dd/yy hh:mm:ss* PROGRAM *programname* DISABLED TRANID=
transactionid PARTNER INET ADDR=*inetaddress* PORT=*portnumber***

Explanation

The Listener checked the status of the program associated with the transaction. It was not enabled.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

programname is the name of the program that is associated with the transaction requested by the connecting client.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

Listener continues.

Operator response

Use CEMT to determine and correct the status of the program.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1219E	<i>mm/dd/yy hh:mm:ss UNEXPECTED eventtype EVENT IN LISTENER transactionid FROM CLIENT IP ADDRESS ipaddress PORT portnumber</i>
-----------------	---

Explanation

The CICS Listener was notified about an unexpected event.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

eventtype is the type of event: READ, WRITE, or EXCEPTION.

transactionid is the name of the Listener's CICS transaction.

ipaddress is the remote IP address of the client.

portnumber is the remote port number of the client.

System action

The Listener closes the connection and continues processing.

Operator response

Contact the system programmer.

System programmer response

If the event type is EXCEPTION, investigate whether or not the client is attempting to send out-of-band data. If necessary, have the client avoid sending out-of-band data. If the event type is not EXCEPTION or the client is not attempting to send out-of-band data, then contact the IBM Software Support Center.

Module

EZACIC02

Procedure name

LISTENER

EZY1220E	<i>mm/dd/yy hh:mm:ss READ FAILURE ON CONFIGURATION FILE PHASE=phase EIBRESP2=response</i>
-----------------	--

Explanation

EZACIC21 was unable to read the IP CICS Sockets configuration file, EZACONFG.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

phase is the IP CICS Sockets initialization phase.

response is the response from CICS when reading the IP CICS Sockets configuration file.

System action

If the ABEND code is AEXY, then the listener ends normally. Otherwise, the listener ends with an ABEND code of EZAL.

Operator response

Notify the CICS system programmer.

System programmer response

Use the EIBRESP2 value to determine the problem and correct the file. See <http://www.ibm.com/software/http/cics/library/> for information about EIBRESP2 values. If the EIBRESP2 value is zero, then the EZACONFG file has been defined as remote. If this is the configuration file you want, then verify that no CICS Sockets programs can run directly in the file owning region. This can cause the file to become disabled. Ensure that EZACIC20 is not in the file owning region PLT, and that the EZAC and EZAO transactions are unable to run directly in the file owning region. Attempts to open the file will fail if the file is defined with a value of YES specified in the ADD, DELETE, or UPDATE parameters in the CICS file definition in more than one CICS region.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1221E	<i>mm/dd/yy hh:mm:ss</i> CICS SOCKETS ENABLE FAILURE EIBRCODE BYTE2 = <i>resp_code</i>
-----------------	---

Explanation

The attempt to enable the task related user exit (TRUE) failed.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

resp_code is the CICS response code from attempting to enable IP CICS Sockets Task Related User Exit (TRUE).

System action

Terminate the transaction.

Operator response

Notify the CICS system programmer.

System programmer response

Use the EIBRESP2 value to determine the problem and correct the file. An EIBRCODE BYTE2 value of 20 indicates the TRUE is already enabled. This will occur if you disable the interface using EZAO,STOP,CICS transaction and then immediately issue EZAO,START,CICS transaction before the Task Related User Exit (TRUE) is completely disabled from the previous EZAO,STOP,CICS transaction. See <http://www.ibm.com/software/http/cics/library/> for information about EIBRCODEs.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1222E	<i>mm/dd/yy hh:mm:ss</i> CICS/SOCKETS REGISTRATION FAILURE RETURN code= <i>return_code</i>
-----------------	---

Explanation

The attempt to register the CICS Sockets Feature to z/OS failed.

System action

Terminate the transaction.

Operator response

Contact your System Administrator.

System programmer response

See the [z/OS MVS Programming: Product Registration](#) for information about the values for *return_code*.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1223E	<i>mm/dd/yy hh:mm:ss</i> CICS/SOCKETS ATTACH FAILURE RETURN CODE = <i>return_code</i> REASON CODE = <i>reason_code</i>
-----------------	---

Explanation

An attempt to attach one of the pool subtasks failed.

System action

Stop attaching pool subtasks. The size of the pool is determined by the number of subtasks successfully attached.

Operator response

Contact the CICS system programmer.

System programmer response

See the [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#) for information about the values for *return_code* and *reason_code* and make appropriate adjustments to your CICS environment.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1224I

mm/dd/yy hh:mm:ss CICS/SOCKETS INITIALIZATION SUCCESSFUL
USING *tasking_method*

Explanation

The CICS socket interface has completed initialization successfully.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

tasking_method is the tasking method used to support the EZASOKET calls. The possible methods are:

Reusable MVS subtasks

Signifies that the IP CICS socket interface is using MVS subtasks from the pool generated according to the value specified on the NTASKS configuration parameter.

Non-reusable MVS subtasks

Signifies that the IP CICS socket interface is attaching an MVS subtask for each IP CICS Sockets-enabled application because NTASKS=0.

Open Transaction Environment

Signifies that the IP CICS socket interface is enabled to use CICS Open Transaction Environment. All EZASOKET calls will be processed on an Open API, L8, TCB. Programs calling EZASOKET should be coded to threadsafe programming standards and defined to CICS as CONCURRENCY(THREADSAFE) to benefit from this environment.

System action

Continue with execution.

Operator response

None.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1225E

mm/dd/yy hh:mm:ss STARTBR FAILURE ON CICS/SOCKETS
CONFIGURATION FILE PHASE=*xx* EIBRESP2=*rrrrrr*

Explanation

The STARTBR command used for the configuration file has failed.

System action

Terminate the transaction.

Operator response

Contact the CICS system programmer.

System programmer response

Use the EIBRESP2 value to determine the problem. Check the CICS definition of the Configuration file to ensure the browse operation is permitted. See <http://www.ibm.com/software/hp/cics/library/> for information about EIBRESP2 values.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1226E	<i>mm/dd/yy hh:mm:ss</i> READNEXT FAILURE ON CICS/SOCKETS CONFIGURATION FILE PHASE=<i>xx</i> EIBRESP2=<i>rrrrrr</i>
-----------------	--

Explanation

The READNEXT command used for the configuration file has failed.

System action

Terminate the transaction.

Operator response

Contact the CICS system programmer.

System programmer response

Use the EIBRESP2 value to determine the problem. Check the CICS definition of the Configuration file to ensure the browse operation is permitted. See <http://www.ibm.com/software/hp/cics/library/> for information about EIBRESP2 values.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1227E	<i>mm/dd/yy hh:mm:ss</i> CICS/SOCKETS INVALID LISTENER TRANID = <i>tran</i>
-----------------	--

Explanation

The Listener transaction *tran* was not defined to CICS.

System action

Terminate Listener Initialization.

Operator response

Use CICS facilities to define the Listener transaction and program. Then use EZAO to start the Listener.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1228E	<i>mm/dd/yy hh:mm:ss</i> CICS/SOCKETS LISTENER TRANSACTION <i>tran</i> DISABLED
-----------------	--

Explanation

The Listener transaction *tran* could not be started because it was disabled.

System action

Terminate Listener Initialization.

Operator response

Use CICS facilities to enable the transaction and then start the Listener using EZAO.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1229E	<i>mm/dd/yy hh:mm:ss</i> CICS SOCKETS LISTENER TRANSACTION <i>tran</i> NOT AUTHORIZED
-----------------	--

Explanation

The Listener transaction *tran* could not be started because it was not authorized.

System action

Terminate Listener Initialization.

Operator response

Use CICS facilities to authorize starting the Listener transaction and then start the Listener using EZAO.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1246E	<i>mm/dd/yy hh:mm:ss</i> CICS SOCKETS LISTENER PROGRAM ID <i>mmmmmmmm</i> INVALID
-----------------	--

Explanation

The Listener transaction could not be started because program *mmmmmmmm* is not defined.

System action

Terminate Listener Initialization.

Operator response

If the program ID is correct, use CICS facilities to define it. If it is not correct, use the EZAC transaction to correct the CICS Sockets Configuration file.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1247E	<i>mm/dd/yy hh:mm:ss</i> CICS SOCKETS LISTENER PROGRAM ID <i>mmmmmmmm</i> DISABLED
-----------------	---

Explanation

The Listener transaction could not be started because program *mmmmmmmm* is disabled.

System action

Terminate Listener Initialization.

Operator response

Use CICS facilities to enable the program and then use EZAO to start the Listener.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1250E

mm/dd/yy hh:mm:ss CICS/SOCKETS LISTENER *tran* NOT ON
CONFIGURATION FILE

Explanation

The Listener transaction *tran* is not defined on the CICS Sockets configuration file.

System action

Terminate Listener Initialization.

Operator response

If the Listener transaction name is correct, use the EZAC transaction to define it on the CICS Configuration file. If the name is not correct, correct it on the EZAO transaction.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1251E

mm/dd/yy hh:mm:ss CICS SOCKETS MODULE *mmmmmmmm* ABEND
xxxx

Explanation

The CICS Sockets module *mmmmmmmm* has abended.

System action

Terminate the transaction.

Operator response

Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1252E	<i>mm/dd/yy hh:mm:ss</i> UNABLE TO LOAD EZASOH03 ERROR CODE= <i>error_code</i> REASON CODE= <i>reason_code</i>
-----------------	---

Explanation

During CICS Sockets initialization, the attempt to load module EZASOH03 failed.

System action

Terminate Initialization.

Operator response

Contact the CICS system programmer.

System programmer response

See the z/OS MVS Programming: Authorized Assembler Services Reference LLA-SDU for information about the values for *error_code* and *reason_code* to determine why the module would not load. Also, look for associated MVS messages.

Module

EZACIC21

EZY1253E	<i>mm/dd/yy hh:mm:ss</i> CICS/SOCKETS LISTENER tran NOT ON CONFIGURATION FILE
-----------------	--

Explanation

An EZAO STOP LISTENER transaction was run with an invalid Listener name.

System action

Present the panel to correct the name.

Operator response

Correct the name and retry termination.

System programmer response

None.

Module

EZACIC22

Procedure name

TERMINATION

EZY1254E	<i>mm/dd/yy hh:mm:ss</i> CACHE FILE ERROR RESP2 VALUE ***** CALL # *
-----------------	---

Explanation

An error occurred on a cache file operation.

System action

Return to the calling program with an error response.

Operator response

Contact the CICS system programmer.

System programmer response

Use the RESP2 value to determine the error and correct the cache file. See <http://www.ibm.com/software/htp/cics/library/> for information about RESP2 values.

Module

EZACIC25

Procedure name

DOMAIN NAME SERVER FUNCTION

EZY1255E	<i>mm/dd/yy hh:mm:ss</i> TEMPORARY STORAGE ERROR RESP2 VALUE ***** CALL # *
-----------------	--

Explanation

An error occurred on a temporary storage operation in EZACIC25.

System action

Return to the calling program with an error response.

Operator response

Use the RESP2 value to determine the error. Contact the IBM Software Support Center. See <http://www.ibm.com/software/htp/cics/library/> for information about RESP2 values.

System programmer response

None.

Module

EZACIC25

Procedure name

DOMAIN NAME SERVER FUNCTION

EZY1256E	<i>mm/dd/yy hh:mm:ss</i> CICS SOCKETS INTERFACE NOT ENABLED PRIOR TO LISTENER STARTUP
-----------------	--

Explanation

An attempt to start a Listener was made when the CICS socket interface was inactive.

System action

Return error and terminate transaction EZAO.

Operator response

Use transaction EZAO to start the CICS socket interface prior to starting the Listener.

System programmer response

None.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1258I *module ENTRY POINT IS address*

Explanation

This message displays the entry point address of a module.

module is the name of the module.

address is the entry point address of the module.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZACIC01, EZACIC02

EZY1259E *mm/dd/yy hh:mm:ss IOCTL CALL FAILURE*
TRANSACTION=*transactionid* **TASKID=***tasknumber* **ERRNO=***errno*

Explanation

Listener transaction *transactionid* experienced a failure on the IOCTL call.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The name of the transaction under which the Listener is executing.

tasknumber

The CICS task number of the Listener task.

errno

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

If the error is during initialization of the Listener, then the Listener transaction *transactionid* terminates. Otherwise, the Listener closes the socket that was being processed and resumes normal processing.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1260E

mm/dd/yy hh:mm:ss EZACIC03 ATTACH FAILED GPR15=xxxxxxx
ERRNO=*errno* TRAN=*tran* TASK=*cicstask*

Explanation

An ATTACH for an MVS subtask has failed. The reason code is in GPR 15.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The task related user exit (TRUE) for this transaction is disabled. The transaction abends with an AEY9.

Operator response

Contact the CICS system programmer.

System programmer response

Determine the cause for the ATTACH failure and correct.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1261I

mm/dd/yy hh:mm:ss EZACIC03 ATTACH SUCCESSFUL, TCB ADDRESS=
tcbaddr TERM=*term* TRAN=*tran* TASK=*cicstask*

Explanation

An ATTACH for an MVS subtask was successful. This message is produced only for Listeners and for those tasks that cannot be accommodated within the pool of reusable tasks.

Result: If you specify the character L as the last character in the subtask ID parameter of an INITAPI socket command, then the IP CICS Socket task related user exit (TRUE) assumes that the CICS transaction is a listener causing the TRUE to attach a new task to support the listener's socket commands.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

tcbaddr is the address of the Task Control Block (TCB) being attached.

term is the CICS terminal ID associated with the CICS transaction identified by *tran*.

tran is the name of the CICS transaction that was requested.

cicstask is the task number of the CICS transaction identified by *tran*.

System action

Processing continues.

Operator response

If this message happens frequently, increase the size of the reusable task pool, NTASKS, for this CICS. Increasing NTASKS appropriately will prevent overhead incurred with attaching the subtask. See the [EZACICD TYPE parameter](#) in [z/OS Communications Server: IP CICS Sockets Guide](#) for information the NTASKS value.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1262E *mm/dd/yy hh:mm:ss* GWA ADDRESS INVALID UEPGAA=xxxxxxx
TRAN=*tran* TASK=*cicstask*

Explanation

The task related user exit (TRUE) detected an invalid GWA address.

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1263E

mm/dd/yy hh:mm:ss TIE ADDRESS INVALID UEPGAA=xxxxxxx
TRAN=*tran* TASK=*cicstask*

Explanation

The task related user exit (TRUE) detected an invalid TIE address.

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1264E

mm/dd/yy hh:mm:ss FLAG WORD ADDRESS INVALID UEPFLAGS=
xxxxxxx ERRNO=*errno* TRAN=*tran* TASK=*cicstask*

Explanation

The task related user exit (TRUE) detected an invalid flag word address.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1265E	<i>mm/dd/yy hh:mm:ss CICS VERSION UNSUPPORTED GWACIVRM=xxxx ERRNO=errno TRAN=tran TASK=cicstask</i>
-----------------	---

Explanation

The task related user exit (TRUE) detected a version of CICS which it does not support. The CICS version must be 3 or above.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Contact the CICS system programmer.

System programmer response

The CICS socket interface requires CICS V3R3 or later.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1267E	<i>mm/dd/yy hh:mm:ss ROUTING TASK FUNCTION INVALID UERTIFD=xx ERRNO=errno TRAN=tran TASK=cicstask</i>
-----------------	---

Explanation

The task related user exit (TRUE) detected an invalid routing task function.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

If this happens repeatedly, use EZAO to STOP (immediate) the CICS socket interface and then START it. If it still happens, contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1268E	<i>mm/dd/yy hh:mm:ss</i> SAVE AREA ADDRESS INVALID UEPHMA= xxxxxxx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	---

Explanation

The task related user exit (TRUE) detected an invalid save area address.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1269E	<i>mm/dd/yy hh:mm:ss</i> PARM LIST ADDRESS INVALID GPR1= xxxxxxxx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	--

Explanation

The task related user exit (TRUE) detected an invalid parameter list on a call request from the CICS application program.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Check the application program calls to the CICS socket interface to ensure that each call has the correct number and type of parameters.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1270E	<i>mm/dd/yy hh:mm:ss</i> PARM nn ADDRESS INVALID ADDRESS= xxxxxxxx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	---

Explanation

The task related user exit (TRUE) detected an invalid parameter address on a call request from the CICS application program. nn is the number of the parameter.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Check the application program calls to the CICS socket interface to ensure that the parameter addresses are valid (not zero). This problem is most common in assembler language and C applications.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1271E	<i>mm/dd/yy hh:mm:ss</i> TOKERR=xxxxxxx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	--

Explanation

The task related user exit (TRUE) detected a token error on an internal token used to coordinate CICS transaction activity with TCP/IP activity.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1272E	<i>mm/dd/yy hh:mm:ss</i> INVALID SOCKET/FUNCTION CALL FUNCTION= xxxx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	---

Explanation

A call to EZASOKET specified in invalid function.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Correct the call and try again.

System programmer response

None.

Module

EZACIC01

Procedure name

task related user exit (TRUE)

EZY1273E	<i>mm/dd/yy hh:mm:ss</i> IUCV SOCK/FUNC TABLE INVALID FUNCTION= xxxx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	---

Explanation

A call to EZACICAL specified a function that was not valid.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Correct the call and try again.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1274E	<i>mm/dd/yy hh:mm:ss</i> INCORRECT EZASOKET PARM COUNT FUNCTION=xxxx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	---

Explanation

A call to EZASOKET specified in invalid number of parameters.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Correct the call and try again.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1275E	<i>mm/dd/yy hh:mm:ss</i> MONITOR CALLS NOT SUPPORTED UERTFID=xx ERRNO=errno TRAN=tran TASK=cicstask
-----------------	--

Explanation

The task related user exit (TRUE) detected a monitor call which is not supported for this version of CICS.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1276E	<i>mm/dd/yy hh:mm:ss EDF CALLS NOT SUPPORTED UERTFID=xx ERRNO=errno TRAN=tran TASK=cicstask</i>
-----------------	---

Explanation

The task related user exit (TRUE) detected an EDF (Execute Diagnostic Facility) call. This TRUE does not support EDF calls.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE is disabled and the task abends with an AEY9.

Operator response

Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1277I	<i>mm/dd/yy hh:mm:ss EZACIC03 DETACHED TCB ADDRESS=xxxxxxx ERRNO=errno TRAN=tran TASK=cicstask</i>
-----------------	--

Explanation

An attached subtask is terminating.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The TRUE detaches the MVS subtask.

Operator response

None.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1278I	<i>mm/dd/yy hh:mm:ss EZACIC03 DETACH SUCCESSFUL TCB ADDRESS=xxxxxxx TRAN=tran TASK=cicstask</i>
-----------------	---

Explanation

An attached subtask is terminating.

System action

The TRUE detaches the MVS subtask.

Operator response

None.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1279E	<i>mm/dd/yy hh:mm:ss INVALID SYNC PT COMMAND DISP=xx TRAN=tran TASK=cicstask</i>
-----------------	--

Explanation

The task related user exit (TRUE) Detected an invalid Sync Point command.

System action

Disable the TRUE and return to the caller.

Operator response

Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1280E	<i>mm/dd/yy hh:mm:ss</i> INVALID RESYNC COMMAND DISP=xx TRAN=tran TASK=cicstask
-----------------	--

Explanation

The task related user exit (TRUE) Detected an invalid Resync command.

System action

Disable the TRUE and return to the caller.

Operator response

Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC01

EZY1282E	<i>mm/dd/yy hh:mm:ss</i> 10999 ABEND reasonxx
-----------------	--

Explanation

The ESTAE processing in EZACIC03 could not be completed because of *reasonxx*.

System action

Allow the ABEND to percolate.

Operator response

Contact the IBM Software Support Center. See <http://www.ibm.com/software/hdp/cics/library/> for information about abend codes.

System programmer response

None.

Module

EZACIC03

Procedure name

MVS SUBTASK

EZY1285E

mm/dd/yy hh:mm:ss CICS/SOCKETS LISTENER TRANSACTION *tran*
NOT ON CONFIGURATION FILE

Explanation

The Listener attempting to start does not have a description record on the CICS Sockets configuration file.

System action

Listener terminates.

Operator response

Contact CICS system programmer.

System programmer response

Add the Listener to the configuration file using EZAC and try again.

Module

EZACIC02

Procedure name

LISTENER

EZY1286E

mm/dd/yy hh:mm:ss READ FAILURE ON CICS/SOCKETS
CONFIGURATION FILE TRANSACTION= *tran* EIBRESP2= rrrrr

Explanation

The Listener could not read the configuration file.

System action

Listener terminates.

Operator response

Contact CICS system programmer.

System programmer response

Use the CICS APR to interpret the value of EIBRESP2. If the file is not known to CICS, perform the installation steps for the configuration file.

See <http://www.ibm.com/software/http/cics/library/> for information about EIBRESP2 values.

Module

EZACIC02

Procedure name

LISTENER

EZY1287E

mm/dd/yy hh:mm:ss EZYCIC02 GETMAIN FAILURE FOR VARIABLE
STORAGE TRANSACTION= *tran* EIBRESP2=*rrrrr*

Explanation

EZACIC02 could not obtain the variable storage it requires to execute.

System action

Listener terminates.

Operator response

Contact CICS system programmer.

System programmer response

Use the CICS APR to interpret the value of EIBRESP2. Correct your CICS configuration as indicated.

See <http://www.ibm.com/software/htp/cics/library/> for information about EIBRESP2 values.

Module

EZACIC02

Procedure name

LISTENER

EZY1288E

mm/dd/yy hh:mm:ss CICS SOCKETS MODULE *mmmmmmmm* ABEND
aaaa

Explanation

An abend has occurred in module *mmmmmmmm* of the CICS socket interface.

System action

Listener terminates.

Operator response

See <http://www.ibm.com/software/htp/cics/library/> for information about abend codes. Contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

Explanation

The Listener is ending. This could be a normal shutdown situation or a failure related to the Listener socket. If it is the latter, a previous message described the failure.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

tran

The listener transaction ID.

taskno

The CICS task number assigned to the listener transaction ID.

System action

The Listener ends.

Operator response

None.

System programmer response

None.

User response

Not applicable.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS Listener

Module

EZACIC02

Routing code

1

Descriptor code

2

Automation

This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

```
EZY1289I 02/19/09 13:51:39 CICS/SOCKETS LISTENER TRANSACTION CSKM TERMINATING
```

EZY1291I *mm/dd/yy hh:mm:ss* **LISTENER TRANSACTION *transactionid* TASKID=*taskno* ACCEPTING REQUESTS VIA® PORT *port***

Explanation

The specified transaction can now receive connection requests on the specified port.

This message is issued when any of the following events occur:

- The listener is initialized and was able to connect to its TCP/IP.
- The listener reconnects to its TCP/IP after its TCP/IP has been restarted.
- The listener's socket descriptor table is no longer full and the table is now accepting client connections.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The name of the listener's transaction that can now accept new client connections.

taskno

The task number assigned by CICS.

port

The port number on which the listener identified by the *transactionid* value is listening.

System action

The listener transaction continues.

Operator response

No action needed.

System programmer response

No action needed.

User response

None.

Problem determination

None.

Source

Not applicable.

Module

EZACIC02

Routing code

Not applicable.

Descriptor code

Not applicable.

Example

```
EZY1291I 01/19/06 10:07:33 LISTENER TRANSACTION= CSKL TASKID= 0000079L ACCEPTING REQUESTS VIA PORT 3010
```

EZY1292E *mm/dd/yy hh:mm:ss* CANNOT START LISTENER, TRUE NOT ACTIVE
TRANSACTION= *tran* TASKID= *cicstask* EIBRCODE BYTE3=rr

Explanation

The initialization of the CICS socket interface did not complete successfully and this Listener cannot continue.

System action

Listener transaction *tran* terminates.

Operator response

If EZAO is being used to start the Listener, ensure that the CICS socket interface has successfully completed initialization first. If this happens during automatic initialization, look for other messages which would indicate why the initialization of the CICS socket interface failed.

See <http://www.ibm.com/software/hyp/cics/library/> for information about EIBRCODEs.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1293E *mm/dd/yy hh:mm:ss* INITAPI CALL FAILURE TRANSACTION=*tran*
TASKID= *cicstask* ERRNO=*errno*

Explanation

Listener transaction *tran* experienced a failure on the INITAPI call.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1294E	<i>mm/dd/yy hh:mm:ss</i> SOCKET CALL FAILURE TRANSACTION= <i>tran</i> TASKID= <i>cicstask</i> ERRNO= <i>errno</i>
-----------------	--

Explanation

Listener transaction *tran* experienced a failure on the SOCKET call.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1295E	<i>mm/dd/yy hh:mm:ss</i> BIND CALL FAILURE TRANSACTION= <i>tran</i> TASKID= <i>cicstask</i> ERRNO= <i>errno</i>
-----------------	--

Explanation

Listener transaction *tran* experienced a failure on the BIND call.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

Notes:

1. An ERRNO=13 could indicate that the port and jobname specified in the PORT statement in *hlq.TCPIP.PROFILE* does not match the port and jobname used by the CICS Listener.
2. An ERRNO=48 could indicate that the port is not reserved in *hlq.TCPIP.PROFILE*.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1296E

mm/dd/yy hh:mm:ss LISTEN CALL FAILURE TRANSACTION= *tran*
TASKID= *cicstask* ERRNO= *errno*

Explanation

Listener transaction *tran* experienced a failure on the LISTEN call.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1297E

mm/dd/yy hh:mm:ss GETCLIENTID CALL FAILURE TRANSACTION=*tran*
TASKID= *cicstask* ERRNO=*errno*

Explanation

Listener transaction *tran* experienced a failure on the GETCLIENTID call.
errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1298E *mm/dd/yy hh:mm:ss* CLOSE FAILURE TRANID= *tran* TASKID= *cicstask*
ERRNO= *errno*

Explanation

Listener transaction *tran* experienced a failure on the CLOSE call.
errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* continues.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1299E *mm/dd/yy hh:mm:ss* SELECT CALL FAILURE TRANSACTION= *tran*
TASKID= *xxxxx* ERRNO= *errno*

Explanation

Listener transaction *tran* experienced a failure on the SELECT call.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1300E *mm/dd/yy hh:mm:ss* RECV FAILURE TRANSID= *transactionid* TASKID= *tasknumber* ERRNO= *errno* INET ADDR=*inetaddress* PORT=*portnumber*

Explanation

The Listener transaction *transactionid* experienced a failure on the RECV call.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the Listener transaction performing the RECV Socket.

tasknumber is the CICS task number assigned to the CICS transaction *transactionid*.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction *transactionid* continues.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1301E

mm/dd/yy hh:mm:ss CONNECTION CLOSED BY CLIENT
TRANSACTION= *transactionid* PARTNER INET ADDR= *ipaddr* PORT=
port

Explanation

A remote client connected to the CICS Listener but then closed the connection before sending the entire amount of data required by the Listener as determined by the MINMSGL standard Listener configuration parameter or the MSGLEN enhanced Listener configuration parameter.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the transaction name of the CICS Listener.

ipaddr is the internet address of the remote client.

port is the port number of the remote client.

System action

The Listener transaction *transactionid* continues.

Operator response

Correct the client program.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1302I

mm/dd/yy hh:mm:ss READ TIMEOUT PARTNER INET ADDR=
inetaddress PORT= *portnumber* LISTENER TRANID= *tran_id* TASKID=
task_id

Explanation

The initial message from the client did not arrive within the read timeout value specified for this Listener in the CICS Sockets configuration file.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

tran_id is the name of the listener's transaction.

task_id is the task number of the listener's transaction.

System action

The Listener closes the connection socket and does not attempt to start a server transaction.

Operator response

Determine the cause of the delay and correct it.

System programmer response

None.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: LISTENER

Module

EZACIC02

Routing code

10

Descriptor code

12

Automation

This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

```
EZY1302I 02/24/09 16:13:16 READ TIMEOUT PARTNER INET ADDR=9.42.105.102 PORT= 1030 LISTENER
        TRANID= CSKM TASKID= 0000085L
```

EZY1303I *mm/dd/yy hh:mm:ss* **EZACIC02 GIVESOCKET TIMEOUT TRANS**
transactionid **PARTNER INET ADDR=inetaddress PORT=portnumber**

Explanation

The started server transaction did not perform the takesocket within the timeout value specified for this Listener in the CICS Sockets configuration file.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

Send an error message to the client and close the socket.

Operator response

Determine the reason for the delay in the server transaction. Possible causes are an overloaded CICS system or excessive processing in the server transaction before the takesocket is issued. Correct the situation and try again.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1306E *mm/dd/yy hh:mm:ss SECURITY EXIT mmmmmmmm IS NOT DEFINED*
TRANID= tran TASKID=xxxxxxx

Explanation

The security exit specified for this Listener in the CICS Sockets configuration file is not defined to CICS.

System action

Close the socket and terminate the connection.

Operator response

Use CICS RDO to define the security exit.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1307E *mm/dd/yy hh:mm:ss MAXIMUM # OF SOCKETS USED TRANS= tran*
TASKID= cicstask ERRNO= errno

Explanation

All of the sockets allocated to Listener transaction xxxx are in use.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The ACCEPT call is delayed until a socket is available.

Operator response

Use the EZAC transaction to increase the number of sockets allocated Listener *tran* and then stop and restart Listener transaction *tran*.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1308E	<i>mm/dd/yy hh:mm:ss</i> ACCEPT CALL FAILURE TRANSACTION= <i>tran</i> TASKID= <i>cicstask</i> ERRNO= <i>errno</i>
-----------------	--

Explanation

Listener transaction *tran* experienced a failure on the ACCEPT call.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

Listener transaction *tran* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1309E	<i>mm/dd/yy hh:mm:ss</i> GIVESOCKET FAILURE TRANS <i>transactionid</i> TASKID= <i>tasknumber</i> ERRNO= <i>errno</i> INET ADDR= <i>inetaddress</i> PORT= <i>portnumber</i>
-----------------	---

Explanation

The Listener transaction *transactionid* experienced a failure on the GIVESOCKET call.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

tasknumber is the CICS task number assigned to the CICS transaction *transactionid*.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\) in z/OS Communications Server: IP and SNA Codes](#).

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction *transactionid* terminates.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1310E *mm/dd/yy hh:mm:ss* IC VALUE NOT NUMERIC TRANID=*transactionid*
PARTNER INET ADDR=*inetaddress* PORT=*portnumber*

Explanation

The interval specified in the transaction input message contains one or more non-numeric characters.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The interval is ignored, and the transaction is started immediately.

Operator response

Correct the client program which is sending this transaction input message.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1311E	<i>mm/dd/yy hh:mm:ss</i> CICS TRANID <i>transactionid</i> NOT AUTHORIZED PARTNER INET ADDR=<i>inetaddress</i> PORT=<i>portnumber</i>
-----------------	---

Explanation

The transaction name specified in the transaction input message is not RSL authorized.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The transaction is not started.

Operator response

Correct the CICS transaction definition if the transaction should be authorized or the client program if it is sending the wrong transaction name.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1312E	<i>mm/dd/yy hh:mm:ss</i> SECURITY EXIT <i>mmmmmmmm</i> CANNOT BE LOADED TRANID= <i>tran</i> TASKID=<i>cicstask</i>
-----------------	---

Explanation

Listener transaction *tran* experienced a failure when it attempted to load security exit program *mmmmmmmm*.

System action

Listener transaction *tran* continues but the server transaction associated with this transaction input message is not started.

Operator response

Use CEMT to determine the status of the exit program and correct whatever problems are found.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1313E	<i>mm/dd/yy hh:mm:ss</i> LISTENER NOT AUTHORIZED TO ACCESS SECURITY EXIT <i>mmmmmmmm</i> TRANID= <i>tran</i> TASKID=xxxxxxx
-----------------	--

Explanation

Listener transaction *tran* is not authorized to access security exit program *mmmmmmmm*.

System action

Listener transaction *tran* continues but the server transaction associated with this transaction input message is not started.

Operator response

If the security exit program name is incorrect, use EZAC to correct the definition of this Listener on the CICS Sockets Configuration file. If the security exit program is correct, use the CICS RDO facility to authorize Listener transaction *xxxx* to use security exit program *mmmmmmmm*.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1314E	<i>mm/dd/yy hh:mm:ss</i> SECURITY EXIT <i>mmmmmmmm</i> IS DISABLED TRANID= <i>tran</i> TASKID=xxxxxxx
-----------------	--

Explanation

Security exit program *mmmmmmmm* is disabled.

System action

Listener transaction *tran* continues but the server transaction associated with this transaction input message is not started.

Operator response

Use CEMT to enable the security exit program.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1315E	<i>mm/dd/yy hh:mm:ss</i> INVALID TRANSID <i>transactionid</i> PARTNER INET ADDR=<i>inetaddress</i> PORT=<i>portnumber</i>
-----------------	--

Explanation

The transaction input message from the client specified transaction *transactionid* but this transaction is not defined to CICS.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client. The *transactionid* field will be blank if no printable name was passed by the client or the security exit.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues but the server transaction associated with this transaction input message is not started.

Operator response

If the transaction name is incorrect, correct the client program. If the transaction name is correct, correct the CICS transaction definition.

System programmer response

If *transactionid* is blank, then there is a possible mismatch because the Listener is expecting the first message segment to start with a transaction name but it does not. A packet trace might be helpful in determining whether there is such a mismatch. For example, if the packet trace shows that the first message segment starts with X'160300' or X'160301' then possibly a **clienthello** message was received, which indicates that there is an Application Transparent Transport Layer Security (AT-TLS) policy on the client side of the TCP connection but no matching AT-TLS policy (or AT-TLS is not enabled) on the Listener side of the TCP connection. This would need to be addressed by the AT-TLS administrator. See [Application Transparent Transport Layer Security data protection in z/OS Communications Server: IP Configuration Guide](#) and [steps for diagnosing AT-TLS problems in z/OS Communications Server: IP Diagnosis Guide](#) for more information.

Module

EZACIC02

Procedure name

LISTENER

EZY1316E

***mm/dd/yy hh:mm:ss* TRANSID *transactionid* IS DISABLED PARTNER
INET ADDR=*inetaddress* PORT=*portnumber***

Explanation

Transaction *transactionid* is disabled.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues but the server transaction associated with this transaction input message is not started.

Operator response

Use CEMT to enable the server transaction.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1317E

***mm/dd/yy hh:mm:ss* TRANSID *transactionid* IS NOT AUTHORIZED
PARTNER INET ADDR=*inetaddress* PORT=*portnumber***

Explanation

The Listener transaction *transactionid* is not authorized to start the transaction name specified in the transaction input message.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The transaction is not started.

Operator response

Authorize Listener transaction *transactionid* to start the transaction.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1318E *mm/dd/yy hh:mm:ss* TD START SUCCESSFUL QUEUEID= *que*

Explanation

The Listener transaction started a server transaction through transient data queue *que*

System action

Listener transaction continues and the server transaction is ready to start.

Operator response

None.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1319E *mm/dd/yy hh:mm:ss* QIDERR FOR TD DESTINATION *queuename*
PARTNER INET ADDR=*inetaddress* PORT=*portnumber*

Explanation

The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was QIDERR.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

queuename is the name of the transient data queue that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

If the queue name is incorrect, correct the client program sending this transaction input message. If the queue name is correct, correct the CICS Destination Control Table.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1320E *mm/dd/yy hh:mm:ss I/O ERROR FOR TD DESTINATION queueName*
PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation

The Listener transaction was unable to start a CICS transaction through transient data queue *queueName*. DFHRESP was IOERR.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

queueName is the name of the transient data queue that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1321E *mm/dd/yy hh:mm:ss LENGTH ERROR FOR TD DESTINATION*
queueName PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation

The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was LENGERR.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

queuename is the name of the transient data queue that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Contact the CICS system programmer. The minimum length for this queue should be greater than 72.

System programmer response

Change definition of Transient Data Queue to accommodate length of this message.

Module

EZACIC02

Procedure name

LISTENER

EZY1322E	<i>mm/dd/yy hh:mm:ss</i> TD DESTINATION <i>queuename</i> DISABLED PARTNER INET ADDR=<i>inetaddress</i> PORT=<i>portnumber</i>
-----------------	--

Explanation

The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was DISABLED.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

queuename is the name of the transient data queue that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Use CEMT to enable the destination.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1323E

***mm/dd/yy hh:mm:ss* TD DESTINATION *queuename* OUT OF SPACE
PARTNER INET ADDR=*inetaddress* PORT=*portnumber***

Explanation

The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*. DFHRESP was NOSPACE.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

queuename is the name of the transient data queue that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

Allocate space for this Transient Data Queue.

Module

EZACIC02

Procedure name

LISTENER

EZY1324E

***mm/dd/yy hh:mm:ss* TD START FAILED QUEUE ID=*queuename*
PARTNER INET ADDR=*inetaddress* PORT=*portnumber***

Explanation

The Listener transaction was unable to start a CICS transaction through transient data queue *queuename*.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

queuename is the name of the transient data queue that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

Determine the problem with the Transient Data Queue and correct it.

Module

EZACIC02

Procedure name

LISTENER

EZY1325I	<i>mm/dd/yy hh:mm:ss</i> START SUCCESSFUL TRANID=<i>transactionid</i> PARTNER INET ADDR=<i>inetaddress</i> PORT=<i>portnumber</i>
-----------------	--

Explanation

The Listener transaction was able to start a CICS transaction *transactionid* transient data queue.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

None.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1326E	<i>mm/dd/yy hh:mm:ss</i> START I/O ERROR TRANID=<i>transactionid</i> PARTNER INET ADDR=<i>inetaddress</i> PORT=<i>portnumber</i>
-----------------	---

Explanation

The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was IOERR.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

Determine the cause of the I/O error and correct it.

Module

EZACIC02

Procedure name

LISTENER

EZY1327E *mm/dd/yy hh:mm:ss* START TRANSACTION ID *transactionid* INVALID
PARTNER INET ADDR=*inetaddress* PORT=*portnumber*

Explanation

The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was TRANSIDERR.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

Check the transaction definition in RDO to ensure it is correct.

Module

EZACIC02

Procedure name

LISTENER

EZY1328E

***mm/dd/yy hh:mm:ss* START TRANSACTION ID *transactionid* NOT
AUTHORIZED PARTNER INET ADDR=*inetaddress* PORT=*portnumber***

Explanation

The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was NOTAUTH.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

If the transaction ID is incorrect, correct the client program which sent this transaction input message. If the transaction ID is correct, authorize Listener transaction to start this transaction.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1329E

***mm/dd/yy hh:mm:ss* START FAILED (99) TRANSID=*transactionid*
PARTNER INET ADDR=*inetaddress* PORT=*portnumber***

Explanation

The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was 99.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

Check the transaction definition in RDO. Look for associated messages in the MSGUSR queue, which might indicate why the transaction would not start.

Module

EZACIC02

Procedure name

LISTENER

EZY1330E	<i>mm/dd/yy hh:mm:ss IC START SUCCESSFUL TRANID=transactionid PARTNER INET ADDR=inetaddress PORT=portnumber</i>
-----------------	--

Explanation

The Listener transaction was able to start a CICS transaction *transactionid*.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

None.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1331E	<i>mm/dd/yy hh:mm:ss IC START I/O ERROR TRANID=transactionid PARTNER INET ADDR=inetaddress PORT=portnumber</i>
-----------------	---

Explanation

Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was IOERR.
mm/dd/yy is the date (month/day/year) of the message.
hh:mm:ss is the time (hours:minutes:seconds) of the message.
transactionid is the name of the transaction that was requested by the connecting client.
inetaddress is the internet address of the connecting client.
portnumber is the connecting client's port number.

System action

Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

Look for other messages in the MSGUSR queue, which provide specific information on the I/O error and correct the problem.

Module

EZACIC02

Procedure name

LISTENER

EZY1332E	<i>mm/dd/yy hh:mm:ss</i> IC START INVALID REQUEST TRANID=<i>transactionid</i> PARTNER INET ADDR=<i>inetaddress</i> PORT=<i>portnumber</i>
-----------------	--

Explanation

Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was INVREQ.
mm/dd/yy is the date (month/day/year) of the message.
hh:mm:ss is the time (hours:minutes:seconds) of the message.
transactionid is the name of the transaction that was requested by the connecting client.
inetaddress is the internet address of the connecting client.
portnumber is the connecting client's port number.

System action

Listener transaction continues.

Operator response

Collect the messages written to the console and MSGUSR queue, client input data, and a SOCKAPI component trace and contact the IBM Software Support Center.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1333E *mm/dd/yy hh:mm:ss* IC START FAILED TRANID=*transactionid* PARTNER
INET ADDR=*inetaddress* PORT=*portnumber*

Explanation

Listener transaction was unable to start a CICS transaction *transactionid*.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

Listener transaction continues.

Operator response

Contact the CICS system programmer.

System programmer response

Check the RDO definition of the transaction. Collect the messages written to the console and MSGUSR queue, client input data, and a SOCKAPI component trace and contact the IBM Software Support Center.

Module

EZACIC02

Procedure name

LISTENER

EZY1334E *mm/dd/yy hh:mm:ss* INVALID USER TRANID=*transactionid* PARTNER
INET ADDR = *inetaddress* PORT = *portnumber* USERID = *userid*

Explanation

This message indicates that the user security exit has given the Listener an invalid USERID field.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.
userid is the user ID assigned by the user security exit.

System action

The server transaction that is identified by the *transactionid* value does not start.

Operator response

Correct the user ID that is not valid in the user security exit.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1335E

***mm/dd/yy hh:mm:ss* WRITE FAILED ERRNO=*errno*
TRANID=*transactionid*. PARTNER INET ADDR=*inetaddress*
PORT=*portnumber***

Explanation

Listener transaction had a failure on a WRITE command.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1336E

***mm/dd/yy hh:mm:ss* TAKESOCKET FAILURE TRANS *transactionid*
TASKID=*tasknumber* ERRNO=*errno* INET ADDR=*inetaddress*
PORT=*portnumber***

Explanation

The Listener transaction had a failure on a TAKESOCKET command.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

The Listener transaction continues.

Operator response

Use the *errno* value to determine the cause of the failure.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1337E

***mm/dd/yy hh:mm:ss* CICS IN QUIESCE, LISTENER TERMINATING
TRANSID= *tran* TASKID= *cicstask***

Explanation

Listener transaction *tran* is terminating because it detected a CICS quiesce in progress.

System action

Listener transaction *tran* terminates.

Operator response

None.

System programmer response

None.

Module

EZACIC02

Procedure name

LISTENER

EZY1338E	<i>mm/dd/yy hh:mm:ss</i> PROGRAM <i>programname</i> NOT FOUND TRANID=<i>transactionid</i> PARTNER INET ADDR=<i>inetaddress</i> PORT=<i>portnumber</i>
-----------------	--

Explanation

The Listener checked the status of the program associated with the transaction. It was not found.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

programname is the name of the program which is associated with the transaction requested by the connecting client.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client's port number.

System action

Listener continues.

Operator response

If *transactionid* is incorrect, correct the client program that sent the transaction input message. If the transaction ID is correct, check the transaction and program definitions in CICS.

System programmer response

None.

Module

EZACIC02

EZY1339E	<i>mm/dd/yy hh:mm:ss</i> EXIT PROGRAM (EZACIC01) IS NOT ENABLED. DISABLE IGNORED TERM=<i>term</i> TRAN=<i>tranxxx</i>
-----------------	--

Explanation

A termination of the CICS socket interface was requested but the interface is not enabled.

System action

The termination request is ignored.

Operator response

None.

System programmer response

None.

Module

EZACIC22

Procedure name

TERMINATION

EZY1340E	<i>mm/dd/yy hh:mm:ss</i> API ALREADY QUIESCING DUE TO PREVIOUS REQ. EZAO IGNORED TERM= <i>term</i> TRAN= <i>tranxxx</i>
-----------------	--

Explanation

A request for a quiesce of the CICS socket interface has been made but one is already in progress.

System action

Ignore the second request.

Operator response

None.

System programmer response

None.

Module

EZACIC22

Procedure name

TERMINATION

EZY1341E	<i>mm/dd/yy hh:mm:ss</i> API ALREADY IN IMMEDIATE MODE DUE TO PREV. REQ. EZAO IGNORED TERM= <i>term</i> TRAN= <i>tranxxx</i>
-----------------	---

Explanation

A request for an immediate of the CICS socket interface has been made but one is already in progress.

System action

Ignore the second request.

Operator response

None.

System programmer response

None.

Module

EZACIC22

Procedure name

TERMINATION

EZY1342I	<i>mm/dd/yy hh:mm:ss</i> DISABLE DELAYED UNTIL ALL USING TASKS COMPLETE TERM=<i>termid</i> TRAN=<i>transid</i>
-----------------	---

Explanation

A quiesce is in progress and is waiting for all outstanding CICS tasks to complete using the CICS socket interface.

When an IP CICS interface is being shut down the following actions occur:

- All listeners are posted to end.
- If the interface is configured as OTE=NO, then all non-listener tasks have their MVS subtask posted and their CICS task ends.
- If the interface is configured as OTE=YES, then any non-listener transaction that is running a blocking socket command is forced to end by a CICS FORCE PURGE action.

See the information about the [TYPE=CICS parameter](#) in [z/OS Communications Server: IP CICS Sockets Guide](#) for information about the OTE configuration option.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

termid

The CICS terminal ID on which the IP CICS socket shutdown is occurring.

transid

The CICS transaction ID that requested that the IP CICS socket be shut down.

System action

The system continues to shut down.

Operator response

None.

System programmer response

None.

Module

EZACIC22

Procedure name

TERMINATION

Explanation

A request for the immediate ending of the CICS socket interface has been successfully completed.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

term

The terminal ID from which the command to end the CICS socket interface was issued.

tran

The transaction ID that is ending the CICS socket interface.

System action

The CICS socket interface ends.

Operator response

None.

System programmer response

None.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS socket interface termination

Module

EZACIC22

Routing code

1

Descriptor code

2

Automation

This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

```
EZY1343I 02/19/09 13:52:50 CICS/SOCKETS INTERFACE IMMEDIATELY DISABLED. TERM= TRAN=EZAP
```

EZY1344I *mm/dd/yy hh:mm:ss* **CICS/SOCKETS INTERFACE QUIESCENTLY
DISABLED TERM=*term* TRAN=*tranxxx***

Explanation

A request for the deferred ending of the CICS socket interface has been successfully completed.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

term

The terminal ID from which the command to end the CICS socket interface was issued.

tran

The transaction ID that is ending the CICS socket interface.

System action

The CICS socket interface ends.

Operator response

None.

System programmer response

None.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS socket interface termination

Module

EZACIC22

Routing code

1

Descriptor code

2

Automation

This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

```
EZY1344I 02/19/09 13:52:21 CICS/SOCKETS INTERFACE QUIESCENTLY DISABLED. TERM= TRAN=EZAP
```

EZY1347I *mm/dd/yy hh:mm:ss* **PROGRAM** *programname* **ASSUMED TO
BE AUTOINSTALLED TRANID=***transactionid* **IP ADDR=***inetaddress*
PORT=*portnumber*

Explanation

The Listener checked the status of the program associated with the transaction. It was not found. Because program autoinstall is active in the CICS region, the Listener assumes that the program definition will automatically be installed by CICS.

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

programname

The name of the undefined program which is associated with the transaction requested by the connecting client.

transactionid

The name of the transaction that was requested by the connecting client.

inetaddress

The internet address of the connecting client.

portnumber

The connecting client's port number.

System action

Listener continues.

Operator response

None.

System programmer response

Verify that the program name in the transaction definition is correct. Verify that the program is intended to be autoinstalled rather than explicitly defined in the PPT.

Module

EZACIC02

Procedure name

LISTENER

EZY1348E *mm/dd/yy hh:mm:ss* **INVALID SOCKET FUNCTION** *function* **ERRNO**
errno **TRAN** *tranid* **TASK** *taskid*

Explanation

The task related user exit (TRUE) detected an invalid socket function on a call request from the CICS application program.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

function is the invalid socket function.

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in *z/OS Communications Server: IP and SNA Codes*.

tranid is the name of the CICS transaction.

taskid is the CICS task ID number.

System action

The TRUE is disabled and the task abends with an AEY9 CICS abend code.

Operator response

Correct the invalid socket function and try again.

The most probable *errno* is 10011 "INVALID SOCKET FUNCTION". If the socket function name appears correct, ensure that the application padded the function call with blanks.

System programmer response

None.

Module

EZACIC01

Procedure name

Task Related User Exit (TRUE)

EZY1349E *mm/dd/yy hh:mm:ss* **UNABLE TO OPEN CONFIGURATION FILE**
TRANSACTION=*transactionid* EIBRESP2=*eibresp2*

Explanation

The CICS Listener received an abnormal response from CICS when attempting to open the CICS Sockets configuration file (EZACONFG) using an EXEC CICS SET FILE call.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction under which the Listener is executing.

eibresp2 is the EIBRESP2 value returned by CICS on the EXEC CICS SET FILE call as described at <http://www.ibm.com/software/hcp/cics/library/>.

System action

The Listener ends.

Operator response

Contact the CICS system programmer.

System programmer response

Use the *CICS System Programming Reference* at <http://www.ibm.com/software/hcp/cics/library/> to interpret the value of EIBRESP2. If the file is not known to CICS, perform the installation steps for the configuration file.

Module

EZACIC02

Procedure name

LISTENER

EZY1350E

mm/dd/yy hh:mm:ss NOT AUTHORIZED TO USE *api_function*, *action* IGNORED. TERM=*termid* TRAN=*transid*

Explanation

The IP CICS socket interface uses a CICS EXTRACT EXIT command to determine whether the IP CICS Sockets Task Related User Exit (TRUE) is enabled. This action is performed by IP CICS socket interface initialization and shutdown programs, the Listener, and by any user application linking to the IP CICS domain name server module.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

api_function is the CICS command performed.

action is the action intended.

- ENABLE means the IP CICS socket interface is being enabled.
- DISABLE means the IP CICS socket interface is being disabled.
- STARTUP means the IP CICS socket interface is being started.

termid is the terminal ID where the transaction receiving the error is executing.

transid is the name of the transaction that is incurring the security violation.

System action

- If the TRUE is being enabled when the IP CICS socket interface is initializing, then the enable action is ignored and the interface is not activated.
- If the TRUE is being disabled when the IP CICS socket interface is shutting down, then the disable action is ignored and the interface remains active.
- If the IP CICS socket interface is being started, then the startup action is ignored and the interface remains inactive.

Operator response

Contact the CICS system programmer.

System programmer response

Ensure that the user ID being used is allowed at least UPDATE access to the EXITPROGRAM resource.

Module

EZACIC02, EZACIC21, EZACIC22

Procedure name

Listener, Initialization, Shutdown

EZY1351E

mm/dd/yy hh:mm:ss EXIT PROGRAM (EZACIC01) IS NOT ENABLED, *action* IGNORED. TERM=*termid* TRAN=*transid*

Explanation

The IP CICS socket interface uses a CICS ENABLE PROGRAM command to enable the IP CICS Sockets Task Related User Exit (TRUE). This action is performed by IP CICS socket interface initialization.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

action is the action intended.

- ENABLE means the IP CICS socket interface is being enabled.
- DISABLE means the IP CICS socket interface is being disabled.

termid is the terminal ID where the transaction receiving the error is executing.

transid is the name of the transaction that is incurring the security violation.

System action

The IP CICS socket interface is not initialized.

Operator response

Contact the CICS system programmer.

System programmer response

Ensure that the user ID being used is allowed at least UPDATE access to the EXITPROGRAM resource.

Module

EZACIC21

Procedure name

Initialization

EZY1352E *mm/dd/yy hh:mm:ss* **SUBTASK ENDED UNEXPECTEDLY**
TRANSACTION= *transactionid* TASKID= *taskid*

Explanation

The current tasks CICS Sockets subtask ended unexpectedly. This is probably caused by an ABEND of the subtask.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the CICS transaction whose subtask ended unexpectedly.

taskid is the CICS task number of the task whose subtask ended unexpectedly.

System action

The CICS socket interface is disabled for the current task. Any subsequent CICS Sockets calls by that task will result in CICS ABEND code AEY9. Other tasks are not affected.

Operator response

Contact the CICS system programmer.

System programmer response

Check the console log for previous messages that explain what happened to the subtask.

Module

EZACIC01

Procedure name

TASK RELATED USER EXIT (TRUE)

EZY1353E	<i>mm/dd/yy hh:mm:ss</i> COMMA MISSING AFTER IC TRANS ID = <i>transactionid</i> PARTNER IP ADDR = <i>inetaddress</i> PORT = <i>portnumber</i>
-----------------	---

Explanation

The listener did not find a comma delimiter after the interval control (IC) start type indicator in the client's transaction request message.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The name of the transaction that was requested by the connecting client.

inetaddress

The internet address of the connecting client.

portnumber

The connecting client's port number.

System action

The listener does not start the transaction specified by the client's transaction request message and ends the connection. This message is also returned to the client.

Operator response

Ensure that a comma delimiter separates the IC start type and the IC start time. See [Listener input format in z/OS Communications Server: IP CICS Sockets Guide](#) for information about the client's transaction request message.

System programmer response

None.

User response

Not applicable.

Problem determination

Not applicable.

Source

Module

EZACIC02

Routing code

Not applicable.

Descriptor code

Not applicable.

Example

An example of a transaction request message for the standard listener:

```
SCCS,DATA,IC000010
```

```
EZY1258I 10/11/05 14:01:55 EZACIC02 ENTRY POINT IS 17CB2028  
EZY1258I 10/11/05 14:01:55 EZACIC01 ENTRY POINT IS 177E2518  
EZY1291I 10/11/05 14:01:56 LISTENER TRANSACTION= CSKL TASKID= 0000032L ACCEPTING REQUESTS VIA PORT  
3010  
EZY1353E 10/11/05 14:02:56 COMMA MISSING AFTER IC TRANSACTION ID= SCCS PARTNER INET ADDR=10.1.1.2  
PORT= 1076
```

EZY1354I

mm/dd/yy hh:mm:ss CICS/SOCKETS CICS TRACING IS status

Explanation

This message shows the status of changing IP CICS Sockets CICS tracing and is issued when one of the following occurs:

- The operator issued the EZAO,START,TRACE transaction.
- The operator issued the EZAO,STOP,TRACE transaction.
- The CICS Master User Trace Flag is specified as OFF and the IP CICS Sockets TRACE configuration is specified as YES.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

status is the status of CICS tracing for the IP CICS socket interface.

- ENABLED indicates that the IP CICS socket interface will generate CICS trace data when CICS tracing is active.
- DISABLED indicates that the IP CICS socket interface will not generate CICS trace data.

System action

When *status* is ENABLED, IP CICS Sockets will generate CICS trace data when CICS tracing is active. When *status* is DISABLED, IP CICS Sockets will not generate CICS trace data.

Operator response

None.

System programmer response

None.

Module

EZACIC00, EZACIC01

Procedure name

TRC00000, SUB05100

EZY1355I

mm/dd/yy hh:mm:ss CICS/SOCKETS TCBLIM EXCEEDS MAXOPENTCBS

Explanation

IP CICS Sockets has determined that the value specified for TCBLIM exceeds the value of MAXOPENTCBS allowed at the time the interface was enabled. TCBLIM will be forced to the same value as MAXOPENTCBS.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action

IP CICS Sockets TCBLIM will default to the value of MAXOPENTCBS. IP CICS Sockets processing continues.

Operator response

Contact the CICS system programmer.

System programmer response

Adjust the value specified by the TCBLIM configuration option using one or more of the following methods:

- Specify an appropriate TCBLIM value on the EZACICD TYPE=CICS,TCBLIM= macro.
- Specify an appropriate TCBLIM value using the EZAC Configuration transaction.
- Specify an appropriate TCBLIM value dynamically by using the EZAO Operator transaction.
- Specify an appropriate MAXOPENTCBS value using the CICS System Initialization parameters.
- Specify an appropriate MAXOPENTCBS value using the CICS Master Terminal transaction, CEMT SET DISPATCHER MAXOPENTCBS.

See the following sections in [z/OS Communications Server: IP CICS Sockets Guide](#):

- [Building the configuration data set with EZACICD](#) for information about using the EZACICD macro.
- [Configuration transaction \(EZAC\)](#) for information about the EZAC Configuration transaction.
- [SET function and INQUIRE function](#) for information about the EZAO Operator transaction.
- [the EZACICD TYPE parameter in z/OS Communications Server: IP CICS Sockets Guide](#) for a description of the TCBLIM parameter.

See <http://www.ibm.com/software/http/cics/library/> for a description of the MAXOPENTCBS parameter. See <http://www.ibm.com/software/http/cics/library/> for information about using the CEMT transaction.

Module

EZACIC21

Procedure name

Initialization

EZY1356E

mm/dd/yy hh:mm:ss CICS/SOCKETS TCBLIM HAS BEEN REACHED

Explanation

The number of IP CICS Sockets-enabled CICS tasks using an Open API, L8, TCB is equal to the value specified by the TCBLIM configuration option.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action

The IP CICS socket interface will suspend any new tasks until one of the following actions occur:

- The IP CICS Sockets TCBLIM value is increased.
- Existing transactions using IP CICS Sockets end.

This message will be issued only when the interface detects that it has reached TCBLIM. EZY1360I will be issued when this condition is relieved.

Operator response

Contact the CICS system programmer.

System programmer response

Use the CICS Master Terminal transaction, CEMT INQ TASK HVALUE(ATTTCBLIM), to determine which IP CICS Sockets-enabled CICS transactions are subject to TCBLIM. Either take action to reduce the IP CICS Sockets work load or increase the IP CICS Socket TCBLIM configuration option. You can use the EZAO,SET,CICS Operator transaction to dynamically increase TCBLIM. The new value you set for the TCBLIM configuration option must be less than or equal to the value specified by MAXOPENTCBS.

Module

EZACIC01

Procedure name

SUB16000

EZY1357I	<i>mm/dd/yy hh:mm:ss</i> TRANSIENT DATA QUEUE SPECIFIED ON ERRORTD IS NOT DEFINED TO CICS
-----------------	--

Explanation

IP CICS Sockets has determined that the CICS transient data queue specified by the ERRORTD configuration option was not defined to the CICS region where the IP CICS socket interface is enabled.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action

The CSMT transient data queue will be used for reporting all IP CICS Sockets interface messages. CSMT is the default CICS transient data queue name.

Operator response

Contact the CICS system programmer.

System programmer response

Ensure that the CICS transient data queue specified by the ERRORTD configuration option is properly defined to CICS.

See [the Transient data definition in z/OS Communications Server: IP CICS Sockets Guide](#) for more information.

Module

EZACIC21

Procedure name

Initialization

EZY1358E

10999 ABEND - IP CICS SOCKETS USING OTE

Explanation

IP CICS Sockets has incorrectly called the MVS subtask wrapper module when the interface was enabled to use CICS Open Transaction Environment.

System action

The IP CICS socket interface will stop.

Operator response

Contact the CICS system programmer.

System programmer response

Contact the IBM Software Support Center. See <http://www.ibm.com/software/http/cics/library/> for information about abend codes.

Module

EZACIC03

Procedure name

MVS SUBTASK

EZY1359I

***mm/dd/yy hh:mm:ss* CICS/SOCKETS APPLICATIONS WILL USE THE QR TCB**

Explanation

IP CICS Sockets has determined that CICS FORCEQR=YES is specified.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action

CICS will force all user application programs, including those enabled to IP CICS Sockets, that are specified as threadsafe to run under the CICS Quasi-Reentrant (QR) TCB, as if they were specified as quasi-reentrant programs.

Operator response

Contact the CICS system programmer.

System programmer response

If you do not want to incur the overhead of CICS switching Open API-enabled tasks back to the QR TCB, then change the value of FORCEQR to NO. See <http://www.ibm.com/software/hwp/cics/library/> for more information about the FORCEQR CICS System Initialization parameter. See <http://www.ibm.com/software/hwp/cics/library/> for more information about the CICS Master Terminal transaction that is used to dynamically change the FORCEQR setting.

Module

EZACIC21

Procedure name

Initialization

EZY1360I	<i>mm/dd/yy hh:mm:ss</i> CICS/sockets TCBLIM CONDITION HAS BEEN RELIEVED
-----------------	---

Explanation

IP CICS Sockets enable transactions are no longer suspended due to TCBLIM.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action

Any new or suspended IP CICS Sockets work will now be processed without being suspended due to IP CICS Sockets being at TCBLIM.

Operator response

None.

System programmer response

None.

Module

EZACIC01

Procedure name

SUB16000, Task termination

EZY1361E	<i>mm/dd/yy hh:mm:ss</i> CICS/TS OPEN TRANSACTION ENVIRONMENT SUPPORT IS NOT AVAILABLE
-----------------	---

Explanation

The IP CICS Sockets OTE configuration parameter is specified as YES. IP CICS Sockets determined that the CICS environment that is required to support the exploitation of CICS Open Transaction Environment by IP CICS Sockets is not available.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action

The IP CICS socket interface is not enabled to use CICS Open Transaction Environment.

Operator response

Contact the system programmer.

System programmer response

Perform one of the following:

- Upgrade the level of CICS to support Open Transaction Environment. The CICS Open Transaction Environment requires CICS/TS V2R2 or later.
- Change the IP CICS socket interface configuration to use MVS subtasks when configuring it by using the EZAC configuration transaction or the EZACICD macro.

Module

EZACIC21

Procedure name

Initialization

EZY1362E *mm/dd/yy hh:mm:ss CICS/sockets START OF LISTENER transactionid*
FAILED RESP1= resp1 RESP2=resp2

Explanation

CICS Sockets attempted to start the specified listener, but the EXEC CICS START command failed with the RESP1 and RESP2 values listed in the message text.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the transaction name of the listener that the CICS Sockets attempted to start.

resp1 is the RESP1 value returned by the EXEC CICS START transaction.

resp2 is the RESP2 value returned by the EXEC CICS START transaction.

System action

The CICS Listener does not start.

Operator response

None.

System programmer response

See the description of the START command at <http://www.ibm.com/software/hyp/cics/library/> for information about why the START command failed.

- If the RESP2 value is 8 or 9, then the problem is related to the USERID parameter in the definition of the listener. Verify that the USERID parameter is correct. See [Setting up and configuring CICS TCP/IP in z/OS Communications Server: IP CICS Sockets Guide](#) for a description of the USERID parameter.
- If the RESP2 value is 8, then the USERID parameter of the listener definition specifies a user ID that is not known to RACF®. Therefore, either change the USERID parameter or define the user ID to RACF.

- If the RESP2 value is 9, then the user ID under which the EXEC CICS START was issued does not have SURROGAT security access to the user ID that is specified in the USERID parameter. For example, if the failure occurs during CICS PLT processing, then the PLT user ID does not have SURROGAT security access to the listener's user ID. See <http://www.ibm.com/software/htp/cics/library/> for more information.

Module

EZACIC21

Procedure name

INITIALIZATION

EZY1363I

***mm/dd/yy hh:mm:ss* LISTENER *transactionid taskno* HAD *threads*
THREADS ACTIVE WHEN STACK *tcpname* ENDED**

Explanation

This message displays the number of listener threads that were active when the TCP/IP stack that is specified ended. This message is followed by one or more EZY1368I messages that describe the clients that are affected.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The listener's transaction ID.

taskno

The task number assigned by CICS.

threads

The number of threads that were active when the specified TCP/IP stack ended.

tcpname

The TCP/IP procedure name with which the listener had affinity.

System action

Processing continues.

Operator response

No action needed.

System programmer response

No action needed.

User response

No action needed.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module

EZACIC02

Routing code

10

Descriptor code

12

Automation

This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

Following is an example of the messages that are displayed when the stack has ended while the listener was processing data.

```
EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

EZY1364I *mm/dd/yy hh:mm:ss* LISTENER *transactionid* DETECTED THAT TTLS IS *status* ON STACK *tcpname*

Explanation

The CICS Listener is defined with a GETTID parameter of YES which indicates that the listener is requested to attempt to obtain the connecting client certificates and user IDs from Application Transparent Transport Layer Security (AT-TLS). If status is DISABLED, then AT-TLS is disabled in the TCP/IP stack. Therefore, the listener is unable to obtain client certificates and user IDs as requested by the GETTID parameter. If status is ENABLED, then AT-TLS has been enabled in the TCP/IP stack, making it possible for the listener to obtain client certificates and user IDs.

- mm/dd/yy* is the date (month/day/year) of the message.
- hh:mm:ss* is the time (hours:minutes:seconds) of the message.
- transactionid* is the name of the listeners CICS transaction.
- status* is the status of AT-TLS in the TCP/IP stack. *status* is either DISABLED or ENABLED.
- tcpname* is the name of the TCP/IP stack.

System action

The listener continues its normal processing, which includes attempting to obtain client certificates and User IDs.

Operator response

Contact the system programmer.

System programmer response

No response is needed if status is ENABLED. If status is DISABLED, then verify that the GETTID parameter of YES is correct in the listener definition. If so, request that your AT-TLS administrator investigate why AT-TLS is not enabled in the TCP/IP stack. See [Setting up and configuring CICS TCP/IP in z/OS Communications Server: IP CICS Sockets Guide](#) for a description of the GETTID parameter.

See Application Transparent Transport Layer Security data protection in [z/OS Communications Server: IP Configuration Guide](#) and steps for diagnosing AT-TLS problems in [z/OS Communications Server: IP Diagnosis Guide](#) for more information.

Module

EZACIC02

Procedure name

LISTENER

EZY1365E *mm/dd/yy hh:mm:ss* **LISTENER transactionid taskno IS NOT
ACCEPTING REQUESTS ON PORT port**

Explanation

The listener identified by the specified transaction ID and task number cannot process inbound connections because the listener's socket descriptor table is full.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The name of the listener's transaction that cannot accept new client connections.

taskno

The task number assigned by CICS.

port

The port number on which the specified listener is listening.

System action

The listener does not accept new connections until the number of socket descriptors currently being processed by the listener is less than the value specified by the lesser of either the system MAXFILEPROC parameter or the listener user ID's FILEPROC MAX parameter.

Operator response

Contact the system programmer.

System programmer response

Perform any of the following actions as appropriate:

- If the ERRORTD log indicates that the child server transaction failed to take the client's given socket, then investigate the CICS region where the child server transaction runs.

See the [steps for diagnosing TCP/IP clients that are unable to connect in z/OS Communications Server: IP Diagnosis Guide](#) for information about diagnosing child server transactions problems.

See <http://www.ibm.com/software/http/cics/library/> for information about CICS/TS problems.

- If the listeners NUMSOCK value is greater than or equal to the value specified by the MAXFILEPROC parameter, then perform one of the following actions:
 - Set the NUMSOCK value to be less than the MAXFILEPROC value using either the EZACICD macro or the EZAC configuration transaction and then restart the listener. See the information about [configuring a CICS TCP/IP environment in z/OS Communications Server: IP CICS Sockets Guide](#) for more information about using the EZACICD macro and the EZAC configuration transaction.
 - Set the MAXFILEPROC value to be greater than the NUMSOCK value using the SETOMVS system command. See the [SETOMVS command information in z/OS MVS System Commands](#) for information about dynamically changing the MAXFILEPROC option that z/OS UNIX System Services is currently using.
- If the listener user ID FILEPROCMAX value is less than the value specified by the NUMSOCK parameter, set the FILEPROCMAX value to be greater than the value specified by the NUMSOCK parameter. For more information about the FILEPROCMAX specification, see the documentation provided for the SAF product that is in use on your system. If you are using RACF, see the information about the FILEPROCMAX parameter in the [z/OS Security Server RACF Security Administrator's Guide](#).

User response

No action needed.

Problem determination

See the system programmer response.

Source

z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module

EZACIC02

Routing code

1

Descriptor code

2

Automation

This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

```
EZY1365E 01/19/06 10:07:33 LISTENER CSKL 0000079 IS NOT ACCEPTING REQUESTS AT PORT 3010
```

```
EZY1366E                               mm/dd/yy hh:mm:ss CICS/SOCKETS LISTENER TRANSACTION transid
IS ALREADY ACTIVE
```


Explanation

The IP CICS Sockets Listener determined that another listener with the same transaction ID is already active.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transid is the CICS transaction identifier of the duplicate IP CICS Sockets Listener.

System action

The IP CICS Sockets Listener that issued this message ends.

Operator response

Contact the system programmer.

System programmer response

Change the Listeners CICS transaction identifier or port number to ensure that the definition is unique. See [Setting up and configuring CICS TCP/IP in z/OS Communications Server: IP CICS Sockets Guide](#) for more information about configuring the IP CICS Sockets Listener.

Module

EZACIC02

Procedure name

Initialization

EZY1367I	<i>mm/dd/yy hh:mm:ss</i> SOCK# IP ADDRESS PORT CHILD
-----------------	---

Explanation

The listener was processing client connections when its TCP/IP stack ended. This message is issued when the listener has accepted sockets that were not taken by child server tasks. This message is a header message for the EZY1368I detail messages that follow. This message accompanies an EZY1363I message.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

System action

Processing continues.

Operator response

No action needed.

System programmer response

No action needed.

User response

No action needed.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module

EZACIC02

Routing code

10

Descriptor code

12

Automation

This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

Following is an example of the messages displayed when the stack has ended while the listener was processing data.

```
EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

EZY1368I

mm/dd/yy hh:mm:ss sock# ipaddr port tran

Explanation

The listener was processing client connections when its TCP/IP stack ended. This message is issued when the listener has accepted sockets that were not taken by child server tasks. One EZY1368I message is issued for each client connection that is being processed.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

sock#

The listener's socket number.

ipaddr

The client's IP address.

port

The client's port number.

tran

The child server's transaction ID. A blank child server transaction ID indicates that the ID has not yet been determined.

System action

Processing continues.

Operator response

No action needed.

System programmer response

No action needed.

User response

No action needed.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module

EZACIC02

Routing code

10

Descriptor code

12

Automation

This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

Following is an example of the messages displayed when the stack has ended while the listener was processing data.

```
EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

Explanation

The TCP/IP stack assigned to the specified listener is not active.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The listener's transaction ID.

taskno

The task number assigned by CICS.

tcpname

The TCP/IP procedure name with which the listener had affinity.

System action

The listener releases any resources and connects to the TCP/IP stack specified by the *tcpname* value. If the connection fails because the stack is not active, then the listener delays using the time value specified by its RTYTIME configuration option and attempts to reconnect. See the [TYPE=LISTENER](#) information in [z/OS Communications Server: IP CICS Sockets Guide](#) for information about setting the listener's RTYTIME value.

Operator response

Start or restart the TCP/IP address space specified by the *tcpname* value.

System programmer response

No action needed.

User response

No action needed.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module

EZACIC02

Routing code

1

Descriptor code

2

Automation

This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

The following is an example of the messages displayed when the stack has ended while the listener was processing data.

```
EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR
```

EZY1370I *mm/dd/yy hh:mm:ss* **LISTENER transactionid NUMSOCK numsock IS
EQUAL TO OR GREATER THAN MAXFILEPROC maxfileproc**

Explanation

A listener startup run-time check determined that the z/OS UNIX System Services MAXFILEPROC value was less than or equal to the listener's NUMSOCK value. The listener's accept processing pauses when the number of sockets that are supported by this listener exceeds the MAXFILEPROC value. No new connections are accepted until the number of sockets that are supported by this listener is less than the MAXFILEPROC value.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The listener's transaction ID.

numsock

The number of sockets supported by this listener.

maxfileproc

The maximum number of descriptors for files, sockets, directories, and any other file-system objects that can be concurrently active or allocated by a single process.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

Perform one of the following actions:

- Set the NUMSOCK value to be less than the MAXFILEPROC value using either the EZACICD macro or the EZAC configuration transaction, and then restart the listener. See the information about [configuring a CICS TCP/IP environment in z/OS Communications Server: IP CICS Sockets Guide](#) for more information about using the EZACICD macro and the EZAC configuration transaction.

- Set the MAXFILEPROC value to be greater than the NUMSOCK value using the SETOMVS system command. See the [SETOMVS command](#) information in [z/OS MVS System Commands](#) for information about dynamically changing the MAXFILEPROC option that z/OS UNIX System Services is currently using.

User response

No action needed.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module

EZACIC02

Routing code

10

Descriptor code

12

Automation

This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

```
EZY1370I 01/19/06 10:07:33 LISTENER CSKL NUMSOCK 2000 IS EQUAL TO OR GREATER THAN MAXFILEPROC 250
```

```
EZY1371E      mm/dd/yy hh:mm:ss AUTOMATIC APPLDATA REGISTRATION FAILED  
              FOR TRANSACTION= transactionid TASKNO= taskno ERRNO= errno
```

Explanation

The automatic registration of application data failed for the reason described by the *errno* value.

In the message text:

mm/dd/yy

The date (month/day/year) of the message.

hh:mm:ss

The time (hours:minutes:seconds) of the message.

transactionid

The listener's transaction ID.

taskno

The task number assigned by CICS.

errno

errno is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes \(ERRNOs\)](#) in [z/OS Communications Server: IP and SNA Codes](#).

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

See the information about automatically registering application data in [z/OS Communications Server: IP Programmer's Guide and Reference](#) for information about the socket commands affected by the automatic registration of application data.

errno is the UNIX System Services return code. See the sockets and sockets extended return codes (ERRNOs) information in [z/OS Communications Server: IP and SNA Codes](#) for the action that you should take based on the SIOCSAPPLDATA IOCTL socket command return code.

User response

Not applicable.

Problem determination

See the system programmer response.

Source

z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module

EZACIC01, EZACIC02

Routing code

10

Descriptor code

12

Automation

This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

Example

```
EZY1371E 07/01/06 10:07:33 AUTOMATIC APPLDATA REGISTRATION FAILED FOR  
TRANSACTION= CSKL TASKNO= 00000022L ERRNO= 55
```

EZY1372W**Dataset *.TCPIP.DATA not found**

Explanation

The system could not find a *.TCPIP.DATA data set to parse during initialization of the REXX socket interface.

System action

The program continues and attempts to use the default information.

Operator response

None.

System programmer response

None.

Module

SOCMVS

Procedure name

INITFWRN

EZY1373I	RXSOCKET - REXX SOCKETS (a component of 5655HAL00):
EZY1374I	REXX support for the TCP/IP Socket Interface
EZY1381I	Allocating DD=device DSN=data_set_name

Explanation

The indicated device is allocating the specified data set for task-related storage.

System action

Rexx Sockets continues.

Operator response

None.

System programmer response

None.

Module

SOCMVS

Procedure name

main

EZY1382E	task failed; RC=return_code, INFO=dynalloc_info, ERROR=dynalloc_error
-----------------	--

Explanation

The indicated task was unsuccessful. The **INFO=dynalloc_info, ERROR=dynalloc_error** portion of the message appears only when *task* is ALLOCATE to indicate dynamic allocation.

task is the name of the task that failed.

return_code portion of this message indicates why the task was unsuccessful.

dynalloc_info is the DYNALLOC information reason code. See the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for information about information reason codes from DYNALLOC.

dynalloc_error is the DYNALLOC error reason code. See the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for information about error reason codes from DYNALLOC.

System action

Rexx Sockets continues.

Operator response

Notify the system programmer of the error.

System programmer response

Use the return code displayed in this message and the list of return codes in [z/OS Communications Server: IP and SNA Codes](#) to determine the cause of the error and respond as indicated. See the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for information about information reason codes and error reason codes from DYNALLOC.

Module

SOCMVS

Procedure name

main

EZY1383I	Dataset not found
-----------------	--------------------------

Explanation

A requested data set was not accessible to the host.

System action

Rexx Sockets continues.

Operator response

Notify the system programmer of the problem.

System programmer response

Make sure that the data set is in storage accessible to the host.

Module

SOCMVS

Procedure name

main

EZY1384E	Return code <i>rc</i> from IRXSUBCM function
-----------------	---

Explanation

The specified function failed while trying to get storage.

System action

Rexx Sockets halts.

Operator response

Increase the region size for the application.

System programmer response

None.

Module

SOCMVS

Procedure name

main

EZY1385E	Unable to acquire LOC=BELOW GETMAIN storage for QSAM DCB and exits
-----------------	---

Explanation

The Rexx Sockets failed while trying to get storage.

System action

Rexx Sockets halts. Application continues.

Operator response

Increase the region size for the application.

System programmer response

None.

Module

SOCMVS

Procedure name

main

EZY1386E	Return code <i>rc</i> from GETMAIN SVC
-----------------	---

Explanation

The Rexx Sockets failed while trying to get storage.

System action

Rexx Sockets halts. Application continues.

Operator response

Increase the region size for the application.

System programmer response

None.

Module

SOCMVS

Procedure name

main

EZY1388E**Return code xx from IDENTIFY SVC****Explanation**

The Rexx Sockets could not identify the entry point for TCPERROR.

System action

Rexx Sockets halts. Application continues.

Operator response

Contact system programmer.

System programmer response

Verify that Rexx Sockets has been installed correctly.

Module

SOCMVS

Procedure name

main

EZY1389E**Unable to acquire Dynamic Save Area storage****Explanation**

The function GETMAIN, which is used to acquire storage, was unsuccessful. No storage is allocated.

System action

Rexx Sockets halts.

Operator response

Increase the region size for the application and try again.

System programmer response

Assist the user as necessary.

Module

SOCMVS

Procedure name

main

EZY1391E**Unable to initialize Global DSA**

Explanation

The host was unable to initialize the global dynamic storage area (DSA). This can occur due to lack of storage accessibility to the host.

System action

RXSOCKET halts. TCPIP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Increase the size of the storage region available to the application.

Module

SOCMVS

Procedure name

main

EZY1400I**Unable to establish ESTAE exit; processing continues**

Explanation

Rexx Sockets was unable to establish an Error State Exit.

System action

Rexx sockets continues.

Operator response

Notify the system programmer of the error.

System programmer response

Verify that Rexx Sockets was installed correctly.

Module

SOCMVS

Procedure name

main

EZY1401I

REXX/SOCKETS anchor located via IRXSUBCM address

Explanation

This debug message displays the address of persistent storage used as the anchor.

System action

Rexx sockets continues.

Operator response

None.

System programmer response

None.

Module

SOCMVS

Procedure name

INSTEP4

EZY1410E

Abend *abend code* detected in REXX/Sockets at *location*

EZY1411E

REXX/Sockets loaded at *rex* sockets *location*; Failing PSW: *psw*

EZY1412E

register numbers* : *register_values

Explanation

REXX/Sockets detected an abend. The abend code and the offset within the routine that caused the abend are displayed, followed by the location of the REXX/Sockets program, the Program Status Word (PSW) at the time of the abend, and the value of the general purpose registers.

System action

REXX/Sockets ends and returns control to the application.

Operator response

Determine the cause of the abend by referring to [z/OS MVS System Codes](#) manual for an explanation of the System abend codes. For more information, see the messages that usually follow these messages and are generated by the TSO/REXX abend handler.

System programmer response

None.

Module

SOCMVS

Procedure name

STAEGOOD

EZY1421I	<i>service SERVICE CALL Socket call: socket_call</i>
EZY1422I	<i>Return_value retval hex</i>
EZY1423I	<i>Return_code retcode hex</i>
EZY1424I	<i>Reason_code rsncode hex</i>

Explanation

These messages show the return information from the z/OS UNIX System Services used to implement the REXX sockets API when SOCKDEBUG is specified in the TCPIP DATA data set. The BPXxxxx service call is *service* and the name of that service is *socket_call*.

For example: EZY1421I BPx1SOC SERVICE CALL Socket call: socket

These services, and the associated return information, are documented in [z/OS UNIX System Services Programming: Assembler Callable Services Reference](#).

System action

REXX/Sockets continues.

Operator response

None.

System programmer response

None.

Module

RXSOCKET

Procedure name

TRACER

EZY1870E	CANNOT LOAD module ROUTINE.
-----------------	------------------------------------

Explanation

An attempt to load the indicated module into virtual storage was unsuccessful. Control is returned to the operating system with an error code indicating that a LOAD failure occurred.

System action

The task initialization function is terminated.

Operator response

Tell the system programmer about the error.

System programmer response

Check that the identified module resides in a library that is accessible to the MVS platform code. See [z/OS Communications Server: IP Configuration Reference](#) for information about required library residence for TCPIP components.

Module

MVPMMAIN

Procedure name

Mainline code

EZY1876I *server* **STACK FUNCTIONS STARTED WITH PARAMETER *profile*.**

Explanation

Informational message displayed every time a TCPIP server or TCPIP is invoked. The *profile* parameters for each started server are displayed.

System action

The system continues invoking TCPIP and required services.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

Mainline code

EZY1877I *module* **STACK FUNCTIONS SHUTDOWN IS COMPLETE, RC = *rc*.**

Explanation

This message displays on the operator console after shutdown has completed for the load indicated by *module*. If the function indicated by *module* terminated normally, then RC = 0. If the function indicated by *module* terminated abnormally, then RC = 200.

System action

The function indicated by module terminates.

Operator response

None.

System programmer response

None.

Module

MVPMMAIN

Procedure name

Mainline code

EZY1889I MVP I/O Interrupt from *device number CSW=channel status word.*

Explanation

This message displays if the debug option is used. The MVS platform processed an I/O interrupt on the indicated device. If the device number displayed is 01, the device is a fake device.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPPIOINT

Procedure name

ProcIO

EZY1890I MVP CheckUserID for *user id*, *rc = rc*, *rsn = reason*.

Explanation

This message displays if the debug option is used. The MVS platform called the SAF interface to check a user ID. This message displays the user ID that was entered and a return and reason code. If the return code is not zero, the user ID is not valid.

System action

TCPIP continues.

Operator response

Check and make sure that the syntax of the user ID is correct and that the ID is set up in the MVS system. See your system administrator for help with this message.

System programmer response

Assist the operator as required.

Module

MVPUTIL

Procedure name

CHECKUID

EZY1891I**MVP CCW to start=ccw****Explanation**

This message displays if the debug option is used. The MVS platform channel command word (CCW) to be issued is displayed. CCWs have either of two different formats. The two formats do not differ in the information contained in the CCW but only in the arrangement of the fields within the CCW. The formats are designated format 0 and format 1. Format 0 CCWs can be located anywhere in the first 16Mb of main storage. Format 1 CCWs can be located anywhere in main storage.

System action

TCP/IP continues.

Operator response

None.

System programmer response

None.

Module

MVPEXCP

Procedure name

SCC1

EZY1892I**MVP HaltIO to device *device* issued.****Explanation**

This message displays if the debug option is used. The MVS platform halt I/O routine (MVPEXCPH) was invoked for the indicated device.

System action

TCP/IP continues.

Operator response

None.

System programmer response

None.

Module

MVPEXCP

Procedure name

MVPEXCPH

EZY1894I	MVP OCM Invoked Operator (or) Start (or) Stop (or) Modify (or) Unknown
-----------------	---

Explanation

This message is issued if the debug option is used. **Operator** indicates that the operator communication routine is invoked. **Start**, **Stop**, and **Modify** specifies which command was requested. **Unknown** indicates that MVP does not recognize the command received.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

MVPOCM1

EZY1895I	MVP DEBUG table entry: <i>keyword</i>= ON (or) OFF
-----------------	---

Explanation

This message displays when the debug option is used. The indicated command and its switch setting are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

Dval

EZY1896I**MVP action Control Register 0 = value.**

Explanation

This message displays if the debug option is used. The read control register 0 and the set control register 0 routines are called to update control register 0. These are part of a list of tasks required to disable the reception of virtual machine communication facility (VMCF). For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

action is the action the function performed against the value in Control Register 0. The action will be either Read or Set.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPDOSM

Procedure name

READC0, SETC0

EZY1897I**MVP Received Ext Interrupt Code=*ext_code*.**

Explanation

This message displays if the debug option is used. MVP received the indicated external interrupt code.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPPOINT

Procedure name

ProcExt

EZY1898I

MVP Setting Ext Interrupt Type=*type* Value=*value*

Explanation

This message is displayed if the debug option is used. The PC external interrupt routine was set. The interrupt type and the clock comparator value is displayed. Valid type is external timer at (X'1004').

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPEXTR

Procedure name

MVPEXTR

EZY1899I

MVP Ext Interrupt subclass *ext_code* is disabled, C0=*current control register 0*.

Explanation

This message is displayed if the debug option is used. An external interrupt code was disabled and the current control register zero (CRO) is displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPPOINT

Procedure name

ProcExt

EZY1900I

MVP Clock Comparator Interrupt overridden by a new one.

Explanation

This message displays if the debug option is used. The external interrupt has been replaced by a new interrupt with a later clock comparator value.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPPOINT

Procedure name

ProcExt

EZY1901I **MVP Close failed, *number* I/Os outstanding for *address*.**

Explanation

This is displayed if the debug option is used and the devices indicated have failed to close. This could occur as a result of the function *FindODB* not being able to find the I/O devices to shut down.

System action

TCPIP continues.

Operator response

Make sure that you have specified the correct physical or channel addresses of the I/O devices that you want to close.

System programmer response

Assist the operator as necessary.

Module

MVPCLOSE

Procedure name

Mainline code

EZY1902I **MVP Close Halt failed, *number* I/Os for *address* Halt Rc=*code*.**

Explanation

This message is displayed if the debug option is used. This indicates that when an I/O failed to close, the *HALT* function was called to stop the indicated addresses but the device did not stop processing.

System action

The I/O devices will fail to halt processing.

Operator response

Stop the indicated devices using normal or abnormal shut down procedures and restart the devices if necessary.

System programmer response

Assist the operator if necessary.

Module

MVPCLOSE

Procedure name

Mainline code

EZY1903I MVP Task did not close ddname *name*.

Explanation

This message displays if the debug option is used. The ddname indicated was not closed before the TCPIP task ended.

System action

TCPIP continues with termination.

Operator response

Make sure that the ddname is valid and that it exists in the volume defined to the MVS system. If you require help with this message, contact the IBM Software Support Center.

System programmer response

Assist the operator as required.

Module

MVPUTIL

Procedure name

DEBCHECK

EZY1904I MVP Application return *routine rc* to MVPTASK routine.

Explanation

This message displays if the debug option is used. MVPTASK was called to process the initial platform attached routine. The routine return code is displayed indicating a return from the task.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPTASK

Procedure name

MVPTASK

EZY1905I	MVP Diagnose Number <i>DiagCode</i> issued:
-----------------	--

Explanation

This message displays if the debug option is issued. It indicates the diagnose 7C subfunction code requested. This message should be followed by message EZY1906I, which specifies the registers allocated for this function.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPDODG

Procedure name

IssueDia

EZY1906I	MVP Registers: <i>Regs1 Regs2 Regs3 Regs4</i>
-----------------	--

Explanation

This message displays if the debug option is issued. It follows message EZY1905I or message EZY1929I. This message indicates the registers assigned for the functions described in either of the two preceding messages mentioned.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPDODG

Procedure name

IssueDia

EZY1907E	MVP Diagnose code ignored, not supported yet.
-----------------	--

Explanation

The module responsible for the initial handling of the Diagnose functions simulated by the MVS platform code received a request specifying a Diagnose function code that was not present in the simulation support. The incorrect Diagnose function code is identified in the message text. Control is returned to the calling module with a condition code of 0 and an error reason code of 0.

System action

The invocation of MVPDODG is terminated immediately after issuing the message.

Operator response

Tell the system programmer about the error.

System programmer response

This error message is caused either by a programming error in the calling module or by corruption of the parameter list passed to the Diagnose simulation supervisor. Gather all available supporting documentation, and contact the IBM Software Support Center.

Module

MVPDODG

Procedure name

Mainline code

EZY1910E	MVP Diag7C subfunction code not supported.
-----------------	---

Explanation

The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an input parameter representing a Diagnose X'7C' subfunction code that was not valid. The message text identifies the incorrect subfunction code. The following subfunction codes are simulated by the MVS platform:

- Initiate (code 1)
- Accept (code 2)
- Present (code 3)
- Terminate (code 4)
- Terminate_All (code 5)
- Status (code 6)
- Break (code 1000)

See the appropriate VM *System Facilities for Programming* publication for information about the LDSF (under the subject area Diagnose X'7C'). The simulation provided by the MVS platform is used in conjunction with Telnet support. The subfunction code 1000 is an MVS-only code used to provide support for a line-mode Break.

System action

Control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 1 and an error reason code of 1. The invocation of MVPDG7C is terminated immediately. The Telnet server module subsequently fails the request it was processing at the time of the error.

Operator response

Tell the system programmer about the error.

System programmer response

This error message is caused either by a programming error in the associated Telnet server module or by corruption of the parameter list passed to the LDSF simulation routine. Gather all available supporting documentation, and contact the IBM Software Support Center.

Module

MVPDG7C

Procedure name

Mainline code

EZY1912I	MVP Diag7C Initiate-Accept followed by Status not supported.
-----------------	---

Explanation

The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an Initiate request with a parameter list specifying that an Initiate-Accept followed by a Status should be performed. This capability is not supported by the simulation facilities present in the MVS platform code.

System action

The invocation of MVPDG7C is terminated immediately after issuing the message, and control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 3 and an error reason code of 3. The Telnet server module subsequently fails the Initiate request that it was processing at the time of the error.

Operator response

Tell the system programmer about the error.

System programmer response

Because specification of this processing sequence depends on the value passed in the high-order byte of the second input parameter, a programming error in the calling module is the most probable cause. Corruption of the parameter list passed to the LDSF simulation routine is also a possible cause. Gather all available supporting documentation, and contact the IBM Software Support Center.

Module

MVPDG7C

Procedure name

FINIT

EZY1913E

MVP Diag7C Initiate-Logical Device specification not supported.

Explanation

The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an Initiate request with a parameter list specifying that session initiation should be performed for a specific logical device address. This capability is not supported by the simulation facilities present in the MVS platform code.

System action

The invocation of MVPDG7C is terminated immediately after issuing the message, and control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 3 and an error reason code of 4. The Telnet server module subsequently fails the Initiate request that it was processing at the time of the error.

Operator response

Tell the system programmer about the error.

System programmer response

Because specification of this processing option depends on the value passed in the high-order byte of the second input parameter, a programming error in the calling module is the most probable cause. Corruption of the parameter list passed to the LDSF simulation routine is also a possible cause. Gather all available supporting documentation, and contact that IBM Software Support Center.

Module

MVPDG7C

Procedure name

FINIT

EZY1916I

MVP VTAM Request *request* not supported.

Explanation

This message displays if the debug option is used. The MVS VTAM interface received a request that is not supported. The command is ignored.

System action

TCPIP continues.

Operator response

Refer this message to the system programmer.

System programmer response

Find what is issuing the request and correct it. Contact the IBM Software Support Center if assistance is required.

Module

MVPVTWK

Procedure name

MVPVTWK

EZY1917I

MVP VTAM Send_Msg ignored, not supported.

Explanation

This message displays if the debug option is used. The MVS VTAM interface received a request for Send_Msg that is not supported. The request is not honored.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPVTWK

Procedure name

MVPVTWK

EZY1921I

MVP VTAM asked to initiate *token*, not implemented.

Explanation

This message displays if the debug option is used. The MVS VTAM interface received a request to initiate a session. This request is not supported by TCP/IP. The session ID or token requested is displayed.

System action

TCPIP continues. If the token does not already exist, TCPIP sends a terminate request to VTAM for this token.

Operator response

Refer this problem to the system programmer.

System programmer response

Identify what is sending the initiate request from VTAM to TCP/IP and stop it. Contact the IBM Software Support Center for assistance if required.

Module

MVPVTWK

Procedure name

MVPVTKW

EZY1926I

**MVP Received LDSF Ext Int: *ext_code*, Flag=*LDSF_byte130*
Reason=*LDSF_reason*.**

Explanation

This message displays if the debug option is used. The MVS platform received an LDSF type external interrupt. The interrupt code, flag and reason code are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPPOINT

Procedure name

ProcExt

EZY1927I

MVP Attach of module failed with return code *rc*.

Explanation

The module responsible for attaching subtasks running under the MVS platform failed to attach the indicated module as a subtask of the platform. The return code from the ATTACH invocation is identified in the message text.

System action

MVPATT posts the entry control block (ECB), for which MVPCALL is waiting, with a completion code indicating that the ATTACH failed. It then returns to a WAIT state, waiting on its list of ECBs. MVPCALL returns to its caller with a return code indicating that the requested subtask creation was unsuccessful. The calling module subsequently fails the underlying request.

Operator response

Tell the system programmer about the error.

System programmer response

See the applicable MVS *Application Development Reference: Services for Assembler Language Programs* publication for information about the given ATTACH return code. If the error is because of an insufficient region size, make the appropriate adjustments, and restart the task. For return codes indicating logic errors, a programming error in either the MVS platform code or the module to be attached is probable. Gather all available supporting documentation, and contact the IBM Software Support Center. The following are the possible return codes and their descriptions:

Return Code
Description

0	Success
4	Was issued in a specify task abnormal exit (STAE)
6	No more storage
12	Invalid exit address or invalid parameter list address

Module

MVPATT

Procedure name

Mainline code

EZY1928I	MVP Attached <i>module</i> successfully.
-----------------	---

Explanation

The indicated module was attached successfully by the MVS platform.

System action

MVPATT posts the ECB, for which MVPCALL is waiting, with a successful completion code indicating that the ATTACH to the *module* was successful.

Operator response

None.

System programmer response

None.

Module

MVPATT

Procedure name

Mainline code

EZY1929I	MVP Diagnose Number <i>DiagCode</i> returned CondCode <i>code</i>
-----------------	--

Explanation

This message displays if the debug option is issued. The requested diagnose code and a condition code are displayed. This message will be followed by message EZY1906I, which indicates the registers accessed for this function.

System action

TCPIP continues.

Operator response

Refer this to the system programmer.

System programmer response

Check the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information regarding the condition code received, and respond accordingly. Make sure the diagnose code number is valid.

Module

MVPDODG

Procedure name

IssueDia

EZY1935I	MVP Pwd Check failed <i>password/????</i>, rc = rc, rsn = reason.
-----------------	--

Explanation

This message displays if the debug option is used. The MVS platform called the SAF interface to check the password of a user ID. The password was not valid. Access is denied.

System action

TCPIP continues.

Operator response

Make sure that you used the correct syntax for the password for the indicated user ID. If you still have problems, it could be that the password is not set up accordingly. Refer this to your system administrator for correction.

System programmer response

Assist the operator as required.

Module

MVPUTIL

Procedure name

CHECKPWD

EZY1936I	MVP access req. access to data set <i>name</i> on vol for user <i>id</i> failed, Rc = rc, Rsn = code.
-----------------	--

Explanation

This message displays if the debug option is used. Access to the requested data set failed. See [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about return codes.

System action

TCPIP continues.

Operator response

Respond as indicated by the return code. Reissue your access request.

System programmer response

Assist the user as required.

Module

MVPUTIL

Procedure name

DEBUGMSG

EZY1937I **MVP system subsystem unavailable. system functions will fail.**

Explanation

During a scan of the Subsystem Communication Vector Table (SSCVT) control blocks, the platform code could not locate the SSCVT associated with the indicated subsystem.

System action

The task is terminated, and control is returned to the system with a task completion code of 600. When the error occurs in module MVPVXI (implying a failure during the initialization of the Virtual Machine Communication Facility (VMCF) subsystem itself), subsystem initialization is terminated, and control is returned to the system with a completion code of 4000.

Operator response

Tell the system programmer about the error.

System programmer response

Check that the identified subsystem is created and initialized during system initialization. See [restartable VMCF in z/OS Communications Server: IP Configuration Guide](#) for more information about starting VMCF and TNF. Check for previous operator messages that might indicate why the particular subsystem failed to initialize. See the appropriate *System Messages* book for information about possible error messages from subsystem processing. A programming error is the most probable cause of the problem if subsystem processing error messages occur. If the problem cannot be remedied by modifications to subsystem definitions, gather all available documentation, and contact the IBM Software Support Center.

Module

MVPMAIN, MVPXVI

Procedure name

LOCCVT

EZY1940I **MVP VMCF Function *function* invoked.**

Explanation

This message displays if the debug option is used. It indicates the virtual machine communication facility (VMCF) function passed to TCPIP.

System action

TCP/IP continues.

Operator response

None.

System programmer response

None.

Module

MVPDOVM

Procedure name

SENDVMCF

EZY1945I	MVP Maximum number of MODIFY commands queued to SMTP
-----------------	---

Explanation

Twenty MODIFY *smtpprocname*,SMTP commands are currently in the simple mail transfer protocol (SMTP) queue. Wait for SMTP to process the current SMTP commands before issuing more MODIFY *smtpprocname*,SMTP commands.

System action

SMTP continues.

Operator response

Attempt to issue the next MODIFY *smtpprocname*,SMTP command at a later time. If SMTP still does not accept MODIFY *smtpprocname*,SMTP commands, contact the system programmer.

System programmer response

Determine whether SMTP is currently processing a large JES spool file. If it appears that SMTP has stopped, take a dump of the SMTP address space and contact the IBM Service Center with the SMTP job log. See the information about *diagnosing SMTP problems* in [z/OS Communications Server: IP Diagnosis Guide](#) for more information.

User response

Not applicable.

Problem determination

See the system programmer response.

Source

z/OS Communications Server TCP/IP: SMTP

Module

MVPOCM

Routing code

Output is returned to the user.

Descriptor code

Output is returned to the user.

Example

None.

EZY1946I **MVP SMSG syntax is not valid.**

Explanation

The syntax specified on the MODIFY *smtpprocname*,SMSG command is not valid. Issue a MODIFY *smtpprocname*,SMSG,HELP command to see the valid options.

System action

SMTP continues.

Operator response

Correct the error and issue the command again. For a list of valid SMSG commands, issue the MODIFY *smtpprocname*,SMSG,HELP command.

System programmer response

Not applicable.

User response

Not applicable.

Problem determination

None.

Source

z/OS Communications Server TCP/IP: SMTP

Module

MVPOCM

Routing code

Output is returned to the user.

Descriptor code

Output is returned to the user.

Example

None.

EZY1947I**MVP Invalid command *command*.****Explanation**

The MVS platform received a command that is not valid for an application. See the [MODIFY command](#) information in [z/OS Communications Server: IP System Administrator's Commands](#) for a list of valid commands and their descriptions.

System action

The application continues.

Operator response

Reissue your request using a valid command.

System programmer response

Assist the operator if required.

Module

MVPOCM

Procedure name

AnyL

EZY1948I**MVP Default Application is now *name*.****Explanation**

The new default application name (for either transparent or line mode) is displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

EZY1950I**MVP IUCV Query: Rc=*rc* IpRcode=*code* IpAudit=*name*.**

Explanation

This message displays if the debug option is issued. An inter-user communication vehicle (IUCV) function was called. A system return code, IP return code, and IP audit address are displayed in this departing message from an IUCV function.

System action

TCPIP continues.

Operator response

None.

System programmer response

Respond as indicated by the IP return code for help in resolving any errors. A list of IP error codes and system return codes and their descriptions can be found in the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MVPDOIUC

Procedure name

Depart

EZY1951I**MVP VMCF terminated: Cannot function without TNF.**

Explanation

During the Virtual Machine Communication Facility (VMCF) address space initialization processing, a scan of the Subsystem Communication Vector Table (SSCVT) control blocks was performed, but the code could not locate the SSCVT associated with the Termination Notification Facility (TNF) subsystem. (The VMCF and TNF subsystems provide simulations of facilities provided by the VM operating system for the MVS platform code.)

System action

The VMCF subsystem initialization is terminated and control is returned to the system with a completion code of 5000.

Operator response

Tell the system programmer about the error.

System programmer response

Verify that the Termination Notification Facility (TNF) subsystem is active. Check for previous operator messages that might indicate why the TNF subsystem failed to initialize. See [restartable VMCF](#) in [z/OS Communications Server: IP Configuration Guide](#) for more information about starting VMCF and TNF.

See the appropriate *System Messages* book for information about possible error messages from subsystem processing. A programming error is the most probable cause of the problem if subsystem processing error messages occur. If the problem cannot be remedied by modifications to subsystem definitions, gather all available documentation, and contact the IBM Software Support Center.

Module

MVPXVI

Procedure name

Mainline code

EZY1952I

MVP SSI: IEFSSREQ Process Sysout failure, rc=rc.

Explanation

This message displays if the debug option is used. The subsystem request process failed as indicated by *rc*.

In the message text:

rc

the *rc* value, minus a decimal value of 100, is the JES SSI return code.

System action

TCPIP continues.

Operator response

Refer any problems to the system programmer.

System programmer response

This message is used for debugging purposes only. For an explanation of the JES SSI return code, see the return code information for SSI Function Code 1 in the [z/OS MVS Using the Subsystem Interface](#). Refer any questions to the IBM Software Support Center.

Module

MVPSSI

Procedure name

MVPSSI1

EZY1953I

MVP SSI: SSOBRETN Process Sysout failure, rc=rc.

Explanation

This message displays if the debug option is used. The subsystem interface failed as indicated by *rc*.

In the message text:

rc

the *rc* value, minus a decimal value of 1000, is the JES SSOB return code.

System action

TCPIP continues.

Operator response

Refer this problem to the system programmer.

System action

TCPIP continues.

Operator response

Make sure you define a correct job name to the subsystem interface routine for SMTP.

System programmer response

Assist the operator if required.

Module

MVPSSI

Procedure name

MVPSSI1

EZY1956I

MVP SSI: Selected Job: *number # job id.*

Explanation

This message displays when the debug option is used. The MVS platform subsystem interface called the routine that gets a job and allocates a data set for SMTP. The indicated job number and ID for the obtained job are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPSSI

Procedure name

MVPSSI1

EZY1957I

MVP SSI: DYNALLOC Return code(s) *rcode(s).*

Explanation

This message displays if the debug option is used. The MVS subsystem interface routine was called to dynamically allocate a data set. The indicated return codes are displayed. Any return code other than 0 indicates an error in allocating the data set.

System action

TCPIP continues.

Operator response

Refer any errors to the system programmer.

System programmer response

Data set naming conventions are normally the main cause of errors in the dynamic allocation routine. See [z/OS Communications Server: IP Configuration Reference](#) for more information about dynamically allocating data sets.

Module

MVPSSI

Procedure name

MVPSSI1

EZY1958I

MVP SSI: Allocate Job return *rc job ddname*.

Explanation

This message displays if the debug option is used. The MVS platform subsystem interface was invoked to allocate a call. The job number, ddname, and return code are displayed. If the return code is nonzero, the call is not allocated.

System action

TCPIP continues.

Operator response

See the system programmer if the return code is nonzero.

System programmer response

If the return code is 8, this could indicate that the job number, ddname, or both are not valid. Check the job number or ddname and make sure that they are identified correctly to the subsystem interface. Correct the error and reinitiate the subsystem interface. If you continue to have problems with this message, contact the IBM Software Support Center.

Module

MVPSSI

Procedure name

MVPSSI2

EZY1959I

MVP SSI: Free Job return *rc job action*.

Explanation

This message displays if the debug option is used. The MVS platform subsystem interface was invoked to free a call. The job number, action requested, and return code are displayed. If the return code is nonzero the call is not freed.

System action

TCPIP continues.

Operator response

See the system programmer if the return code is nonzero.

System programmer response

If the return code is 8, this could indicate that the action requested, job number, or both are not valid. Correct the error and reinitiate the subsystem interface. If you continue to have problems with this message, contact the IBM Software Support Center.

Module

MVPSSI

Procedure name

MVPSSI3

EZY1960I

MVP SSI: MVPSSIW, *state* received.

Explanation

This message displays if the debug option is used. The MVS subsystem interface that waits for a JES file was called. The *state* of the call could be **Enable**, which specifies to look for a file or **Disable**, which specifies not to look for a file. If the state indicated is **Bad Post**, then an error occurred while posting the event control block (ECB).

System action

TCPIP continues.

Operator response

Refer any problems to the system programmer.

System programmer response

If the message indicates a bad post, you will need to gather all source information and any dumps that might be required and contact the IBM Software Support Center for help.

Module

MVPSSIW

Procedure name

MVPSSIW

EZY1961I

MVP SSI: MVPSSIW, Got Job *job* to handle.

Explanation

This message displays if the debug option is used. The MVS platform subsystem interface got the job indicated and will continue processing.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPSSIW

Procedure name

MVPSSIW

EZY1962I	MVP SSI: MVPSSIW, No Job to handle.
-----------------	--

Explanation

This message displays if the debug option is used. The MVP platform subsystem interface was called to determine if there were any jobs to process, but no jobs were found.

System action

TCPIP continues.

Operator response

Normally, this message does not reflect an error situation, but only indicates that there are no jobs to process. If errors occurred during subsystem interface processing, messages EZY1952I–EZY1955I might have been issued to report the error. If there are jobs to process, make sure that you have identified a correct job number to the subsystem interface. Reinitiate the interface after correcting the problem.

System programmer response

Assist the user as required.

Module

MVPSSIW

Procedure name

MVPSSIW

EZY1963I	MVP SSI: Query called <i>jobid</i> Rcode=<i>queryrc</i>. (or) Allocate called <i>jobid</i> <i>alocddn</i> Rcode=<i>allocrc</i>. (or) Free called <i>jobid</i> <i>action</i> Rcode=<i>freerc</i>.
-----------------	---

Explanation

This message displays if the debug option is used. The RDRQUERY, RDRALLOC, or the RDRFREE function is called to select, allocate, or free a job's data set for the subsystem interface. A job ID and a return code are returned for each function. The data set name is displayed when the allocate function is called, and an *action* indicating whether the data set has been freed is also displayed.

System action

TCPIP continues.

Operator response

Refer any errors to the system programmer.

System programmer response

See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about return codes, and respond accordingly.

Module

MVPDOSI

Procedure name

RDRQUERY, RDRALLOC, RDRFREE

EZY1964I **MVP SSI: Interrupt called 0 (or) 1 Rcode=rc.**

Explanation

This message is issued when the debug option is used. The RDRINT routine was called. This routine turns on or off the ability for the subsystem interface to accept interrupts from the MVS platform. Any return code other than 0 indicates a problem with this routine.

System action

TCPIP continues.

Operator response

Refer any errors to the system programmer.

System programmer response

See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about return codes. Respond to any bad return codes as indicated.

Module

MVPDOSI

Procedure name

RDRINT

EZY1965I **MVP SSI: MVPSSIW, wait for file task started|ended.**

Explanation

This message displays if the debug option is used. This messages marks the start or the end of the MVS subsystem interface that waits for a JES file.

System action

Task ends. TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPSSIW

Procedure name

MVPSSIW

EZY1966I	MVP Racf R15 = <i>rc</i>, SAFPRRET = <i>rc</i>, SAFPRREA = <i>reason</i>.
-----------------	--

Explanation

This message displays if the debug option is used. The MVS system called the SAF interface to define a resource profile for a user ID and data set combination. A return code, system return code, and reason code are displayed.

System action

TCPIP continues.

Operator response

Respond as indicated by the return and reason codes. For more information about return codes, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#). For more information about RACF see [z/OS Security Server RACROUTE Macro Reference](#). If you need additional help with this message, call the IBM Software Support Center.

System programmer response

Assist the operator as required.

Module

MVPUTIL

Procedure name

CHECKDSN

EZY1967I	MVP RACSTAT Rc=<i>rc</i>.
-----------------	----------------------------------

Explanation

This message displays if the debug option is used. The MVS platform called the SAF interface to check if a security product is active. A return code of 0 indicates that the product is active. A return code other than 0 indicates that the product is not active.

System action

TCPIP continues.

Operator response

If the security product should be active and it is not, refer this to the system programmer.

System programmer response

Start the security product or perform an analysis on the product for information about why the product is not active.

Module

MVPUTIL

Procedure name

DEBUGMSG

EZY1968I **MVPAUTH: Getmain Rc=code**

Explanation

This message is displayed if the debug option is used. The function *Getmain* which gets storage for the allocation of data sets has returned with the indicated return code, specifying that storage is not available. The data set function could not be processed.

System action

TCPIP continues.

Operator response

None.

System programmer response

See [z/OS MVS Programming: Authorized Assembler Services Reference EDT-IXG](#) for any help in resolving return codes. None.

Module

MVPAUTH

Procedure name

Internal_Auth_Check

EZY1969I **MVPAUTH: Freemain Rc=code**

Explanation

This message is displayed if the debug option is used and the indicated data set in message EZY1970I could not be located. Storage might have been freed.

System action

TCPIP continues.

Operator response

None.

System programmer response

Respond as indicated by the return code. For information about MVS return codes affecting the Freemain function, see [z/OS MVS Programming: Authorized Assembler Services Reference EDT-IXG](#).

Module

MVPAUTH

Procedure name

Internal_Auth_Check

EZY1970I	MVPAUTH: DSN=<i>data set name</i> Locate Rc=<i>code</i>
-----------------	--

Explanation

This message is displayed if the debug option is used and the indicated data set could not be located. If the return code is zero, then the indicated data set has been located.

System action

TCPIP continues.

Operator response

Check the syntax of the data set requested and make sure that it is a valid data set. Reissue your request with the correct data set name.

System programmer response

None.

Module

MVPAUTH

Procedure name

Internal_Auth_Check

EZY1972I	MVP VMCF Function <i>function</i>: Rc=<i>return code</i>
-----------------	---

Explanation

This message displays if the debug option is used. Displayed is the VMCF function called by TCP/IP and the resulting return code.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPDOVM

Procedure name

SENDVMCF

EZY1973I **MVP IUCV: *function* invoked.**

Explanation

This message displays if the debug option is issued. An inter-user communication vehicle (IUCV) function was called.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPDOIUC

Procedure name

Welcome

EZY1974I **MVP Issued Command: Rc=*rc* R0=*r0* "*command text*".**

Explanation

This message displays if the debug option is used. The MVS system received the indicated command. A return code and register 0 data (address space ID) are returned. If the return code is not zero, the command failed for START command.

System action

TCPIP continues.

Operator response

If the return code is not zero, check the syntax of the command issued and make sure it is correct. Make sure that the command is valid for the MVS system. If you continue to experience problems with this message, contact the IBM Software Support Center.

System programmer response

Assist the operator as required.

Module

MVPUTIL

Procedure name

Do_Command

EZY1975I Attached task at address *address* starting.

Explanation

This message displays if the debug option is used. The asynchronous caller routine was called to attach a task. This message indicates that the asynchronous caller routine will attach a task for the routine with entry point of *address* to run under.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPCCALI

Procedure name

MVPCCALI

EZY1976I *load module name* cannot Stop until started, try later.

Explanation

This message is issued if the debug option is used. The MVS platform received a command to stop the indicated load module, but it has not been started.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

MVPOCM1

EZY1977I	TaskExist rc task rc for user user id Asid taskasid
-----------------	--

Explanation

This message displays if the debug option is used. The routine to check if a task exists is called to check if the requested task is available. The return code, user ID, and address space ID are displayed.

System action

TCPIP continues.

Operator response

Refer any errors to the system programmer.

System programmer response

See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for any information about error codes, and respond accordingly.

Module

MVPDOSY

Procedure name

TASKEXIS

EZY1978I	MVP Error setting Ext Interrupt STIMER(M) rc=rc
-----------------	--

Explanation

This message displays if the debug option is used. The MVS platform received an error setting up an external interrupt or the interrupt type is not valid.

System action

TCPIP continues.

Operator response

Refer any problems to the system programmer.

System programmer response

The following table shows the possible return codes and their descriptions:

Code	Description
4	Request completed with problems.
8	Request could not be performed.
12	Error detected in an input parameter.
16	A system error occurred while performing the requested function.
99	Invalid interrupt type.

Respond to the return code as indicated. Call the IBM Software Support Center for additional help with this error.

Module

MVPEXTR

Procedure name

MVPEXTR

EZY1979I	SMTP cannot accept the MODIFY command - try again later
-----------------	--

Explanation

The MVS platform received a command to modify SMTP, but the command was not accepted because SMTP initialization had not completed.

System action

SMTP continues.

Operator response

Issue the command after SMTP initialization completes.

System programmer response

No Action Needed.

User response

Not applicable.

Problem determination

Not applicable.

Source

z/OS Communications Server TCP/IP: SMTP

Module

MVPOCM

Routing code

10

Descriptor code

12

Automation

This message is sent to the console where the command was entered. Automation can be used to issue the MODIFY command at a later time.

Example

```
F SMTP,MSG,ST  
EZY1979I SMTP cannot accept the MODIFY command - try again later
```

EZY1980E *module terminating due to previous error(s).*

Explanation

The initialization of the application indicated by the *module* value failed as a result of unrecoverable errors. This message is issued for one of the following reasons:

- If this message is preceded by message number EZY1870, then the MVPTASK load module could not be loaded.
- If this message is preceded by message number EZY1981, then there was insufficient storage available.
- The VMCF and TNF subsystems are not active.

System action

The application ends.

Operator response

Tell the system programmer about the error.

System programmer response

Perform one of the following actions based on the reason for which this message was issued:

- If this message is preceded by message number EZY1870, verify that the MVPTASK load module is located in one of the load libraries accessible to the application.
- If this message is preceded by message number EZY1981, determine why there is insufficient storage for the application and increase storage, if necessary.
- Ensure that VMCF and TNF are active. To start VMCF and TNF as non-restartable subsystems, ensure that entries are defined for them in your IEFSSNxx PARMLIB member. To start VMCF and TNF as restartable subsystems, use the MVS started procedure EZAZSSI. See [restartable VMCF in z/OS Communications Server: IP Configuration Guide](#) more information about starting VMCF and TNF.

Module

MVPMMAIN

Procedure name

Mainline code

Explanation

An attempt to obtain virtual storage in Subpool 73 for I/O completion and attention work areas was unsuccessful.

System action

The *task* is terminated and control is returned to the system with a task completion code of 8xx, with the xx portion reflecting the GETMAIN return code.

Operator response

Tell the system programmer about the error.

System programmer response

Determine if an increase in the region size of the started task will alleviate the problem. If the region size is not the problem, the most probable cause is a programming error involving a failure to release storage. Gather all available documentation and report the error to the IBM Software Support Center.

Module

MVPMMAIN

Procedure name

Mainline code

Explanation

To prevent the initiation of multiple TCPIP address spaces for the same task, the MVS platform code uses the ENQ macro to serialize the use of TCPIP resources. At task initialization, MVPMMAIN issues an ENQ macro with a resource name of TCPIPSYS.task_name, requesting exclusive use. The message indicates that the ENQ failed.

System action

The task is terminated and control is returned to the system with a task completion code of 9xx, with the xx portion reflecting the ENQ return code.

Operator response

If the error was an unintentional attempt to start a TCPIP task that was already active, no actions are required. Otherwise, tell the system programmer about the error.

System programmer response

If the error was not because of an unintentional attempt to start a duplicate TCPIP task, examine the task completion code provided when the task was terminated. It will be of the form 9xx, with the xx portion of the code being the ENQ return code. See the appropriate *Application Development Reference: Services for Assembler Language Programs* publication for information about interpreting the return code. Follow the recommended problem resolution procedures indicated by the appropriate *MVS Diagnosis* book.

Note: The ENQ was issued with the RET=USE parameter.

If problem determination indicates that the MVS platform is in error, gather all available documentation and report the error to the IBM Software Support Center.

Module

MVPMMAIN

Procedure name

Mainline code

EZY1984I

DIAG98: UnLock Page: Virtual=*address*

Explanation

This message displays if the debug option is used. The MVS system called the DIAG98 subroutine to unlock a page in central storage. The virtual address is displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPUTIL

Procedure name

MVPUTIL

EZY1985I

**DIAG98: DoDiag98: Device=*address* CCWP=*virtual channel control word*
CCWreal=*real channel control word***

Explanation

This message displays if the debug option is issued. The DoDiag98 subroutine of the Diag7C routine was called to perform I/O functions for a device with real channel control words (CCWs) that have been translated to virtual CCWs. The device address, virtual CCWs, and real CCWs are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPDOIO

Procedure name

DoDiag98

EZY1986I**DIAG98: PgFix: Vaddr=address CC=code****Explanation**

This message displays if the debug option is used. The DIAG98 subroutine was called to fix a page in the MVS system. The virtual address and completion code are returned.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPUTIL

Procedure name

PgFix

EZY1987I**DIAG98: PgFree: Vaddr=address CC=code****Explanation**

This message displays if the debug option is used. The DIAG98 subroutine was called to free a previously fixed page of storage in the MVS system. The virtual address and completion code are provided.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPUTIL

Procedure name

PgFree

EZY1988I

**DIAG98: UnLock All: FxBaddr=*address* FxBnext=*address*
Vaddr=*address***

Explanation

This message displays if the debug option is used. The MVS platform system called the diagnose 98 subroutine to free a whole chain of virtual address. The current fixed page, next fixed page, and the virtual address are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPUTIL

Procedure name

MVPUTIL

EZY1989I

MVP Logical Unit *name* is now active to TCP/IP.

Explanation

The displayed logical unit is now active.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

EZY1990I

MVP Logical Unit *name* is now inactive to TCP/IP.

Explanation

This message displays in response to your command to deactivate a logical unit to TCPIP. The LU is now inactive.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

EZY1991I	MVP Logical Unit <i>name</i> is inactive to TCP/IP.
----------	---

Explanation

This message displays in response to a status request. The LU name specified is not active to TCPIP.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

EZY1992I	MVP Logical Unit <i>name</i> is active to TCP/IP and in use.
----------	--

Explanation

This message displays a response to a status request. The LU name indicated is currently active and in use.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

EZY1993I

MVP Logical Unit *name* is active to TCP/IP and not in use.

Explanation

This message displays in response to a status request. The LU name specified is active to TCPIP but currently not in use.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

EZY1994E

MVP Logical Unit *name* not inactivated – in use to TCP/IP. User must issue LUINACT FORCE, luname to deactivate.

Explanation

This message indicates that the MVS platform received a request to deactivate an LU to TCPIP that failed. The LU remains active.

System action

TCPIP continues.

Operator response

Make sure that the LU is no longer in use and, as the message indicates, you must issue “LUINACT FORCE” followed by the LU name to deactivate it.

System programmer response

Assist the operator as required.

Module

MVPOCM

Procedure name

AnyL

EZY1995E	MVPEXCP: MVPMAIN has Diag98 support but <i>load module</i> does not.
-----------------	---

Explanation

This message displays if the debug option is used. The mainline code (MVPMAIN) has support for Diag98, or real channel control words (CCWs), but the PC load module indicated does not. Messages EZY1996E and EZY1997E will follow this message with more information.

System action

TCPIP continues.

Operator response

Refer this message to the system programmer.

System programmer response

Verify that the correct version of the load module is being used. Call the IBM Software Support Center for help if necessary.

Module

MVPEXCP

Procedure name

MVPEXCP

EZY1996E	Continuing using VCCWS (virtual CCWs) option.
-----------------	--

Explanation

This message should be preceded by message EZY1995E, which indicates that a conflict exists between the load module and the mainline code (MVPMAIN) regarding support for the Diag98 function. The installation will continue, but it will use virtual channel control words (CCWs) instead of real CCWs.

System action

TCPIP continues.

Operator response

Refer this problem to the system programmer.

System programmer response

See message EZY1995E for help with the message.

Module

MVPDODG

Procedure name

Query98

EZY1997E	Installation was not done correctly.
-----------------	---

Explanation

Your installation was not done correctly. See messages EZY1995E and EZY1996E, which precede this message for more information.

System action

TCPIP continues.

Operator response

Refer this problem to the system programmer.

System programmer response

See previous messages and their descriptions.

Module

MVPDODG

Procedure name

QAmode, Query98

EZY1998E	DIAG98: MVPMAIN does not support real CCWs but <i>load module name</i> does.
-----------------	---

Explanation

The mainline code (MVPMAIN) does not have support for Diag98, or real channel control words (CCWs), although the load module indicated does. Messages EZY1996E and EZY1997E should follow this message.

System action

TCPIP continues.

Operator response

Refer this problem to the system programmer.

System programmer response

Check the mainline code (MVPMAIN) and make sure that it is running the code with support for Diag98 as defined in this source module (MVPDODG). Contact the IBM Software Support Center if you need more help with this message.

Module

MVPDODG

Procedure name

Query98

EZY1999E

QAmode: MVPMAIN and *load module name* are not at the same level.

Explanation

This message displays if the MVPMAIN code, which functions as a mainline entry for the MVS platform, does not have the same level of code for QAMODE support as the load module displayed. This message precedes message EZY1997E, which indicates that your installation was not done correctly.

System action

TCPIP continues.

Operator response

Refer this problem to the system programmer.

System programmer response

Check the mainline code (MVPMAIN) and make sure that it is running the code with support for QAMODE as defined in this source module (MVPDODG). Contact the IBM Software Support Center if you need more help with this error.

Module

MVPDODG

Procedure name

QAmode

Chapter 4. EYZxxxx messages

EYZ2000I

OCM General Default Application not configured for Transparent Mode.

Explanation

This indicates that the request to change the default application could not be honored because the new application is not configured for Transparent mode.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

EYZ2001I

OCM General Default Application not configured for Line mode.

Explanation

This indicates that the request to change the general default application could not be honored because the new application is not configured for line mode.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

AnyL

Explanation

The *locate application* subroutine of the Diagnose 7C routine has returned with an unknown function request for the indicated application. The *LocAppl* subroutine checks the application request against the application table, declared in the MVPAPPL source code data set and defined in your *hlq.PROFILE.TCPIP* data set, to determine if the function request is allowed for the specified application.

System action

TCPIP continues. The specified request is not processed.

Operator response

Refer this problem to the system programmer.

System programmer response

The function flags that are passed for these applications are either *restricted* (1) or *disconnectable* (2). Make sure that the function specified for the requested application is defined in your *hlq.PROFILE.TCPIP* data set. Reissue your request specifying a valid function for the application requested.

Module

MVPDG7D

Procedure name

LocAppl

Explanation

The LU name or LU group entered in the command was not found in the LU status tables.

System action

The command is not performed. TCPIP continues.

Operator response

Correct the LU name and resubmit the command.

System programmer response

None.

Module

MVPOCM

Procedure name

ANYL

EZY2034W**LU specified in *command* is already inactivated.****Explanation**

The LU name specified for the LUINACT command was already inactivated.

System action

The command is not performed. TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

ANYL

EZY2035W**Modify command *command* Incomplete. It is ignored.****Explanation**

The required keyword was not specified.

System action

The command is not performed. TCPIP continues.

Operator response

See [z/OS Communications Server: IP Configuration Reference](#) for more information about the MODIFY command.

System programmer response

None.

Module

MVPOCM

Procedure name

ANYL

EZY2036I**Modify command DEBUG *debug state* is accepted.****Explanation**

A change to the DEBUG flag has been changed to the specified value. The new debug option setting is now in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

ANYL

EZY2037W	Invalid modify command. <i>DEBUG debug state</i> is ignored.
-----------------	---

Explanation

An incorrect **DEBUG** option has been specified as part of the **MODIFY** command. The Telnet server ignored the **DEBUG** request. The debug option is not changed.

System action

TCPIP continues.

Operator response

Check the **DEBUG** option specified, correct, and resubmit the **MODIFY** command.

System programmer response

Assist the operator as required.

Module

MVPOCM

Procedure name

ANYL

EZY2038I	Modify <i>command</i> LU specified matches LUGROUP <i>lu</i>. Accepted.
-----------------	--

Explanation

The modify command was accepted because the specified LU was found in the LU group table.

System action

The command is performed. TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

ANYL

EZY2039W	LU specified <i>lu</i> is already activated. Ignored.
-----------------	--

Explanation

The LU name specified with the LUACT parameter was already activated.

System action

The command is not performed. TCP/IP continues.

Operator response

Check the specified LU and if incorrect, correct and reissue the MODIFY command.

System programmer response

Assist operator as required.

Module

MVPOCM

Procedure name

ANYL

EZY2040I	MSG: VMCF is not active on the system.
-----------------	---

Explanation

The message indicates that the program attempted to set up a communication session using the Virtual Machine Communication Facility (VMCF). The system was unable to locate or save the address space of the VMCF communication vector table. The program failed to initialize the client interface to VMCF.

System action

The communication does not occur because VMCF address space could not be established. The program requires the address space to continue. The program sets a return code of 16, indicating a system error to the calling program, and terminates execution. The VMCF address display command is not issued.

Operator response

Tell the system programmer about the error.

System programmer response

Make sure that the communication vector table and VMCF are active.

Module

MVPXDISP, MVPXMSG

Procedure name

Mainline code

EZY2041I**MSG: Userid not specified.**

Explanation

TCPIP received an MSG command for the VMCF interface. You did not specify the user program, address space, or batch job to receive the MSG.

System action

TCPIP continues.

Operator response

Reissue the MSG command specifying a user program, address space, or batch job. For more information about MSG see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#), or [z/OS Communications Server: IP Configuration Reference](#).

System programmer response

Assist the operator as required.

Module

MVPXMSG

Procedure name

MVPXMSG

EZY2042I**MSG: Userid specified incorrectly.**

Explanation

The MVS platform received an MSG command for the VMCF interface. You specified a user program, address space, or batch job that was too long.

System action

TCPIP continues. The MSG command is not honored.

Operator response

Reissue the MSG command specifying a user program, address space, or batch job of the correct length. For more information about MSG see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#), [z/OS Communications Server: IP User's Guide and Commands](#), or [z/OS Communications Server: IP Configuration Reference](#).

System programmer response

Assist the operator as required.

Module

MVPXSMMSG

Procedure name

MVPXSMMSG

EZY2043I	SMSG: No message specified.
-----------------	------------------------------------

Explanation

TCPIP received an SMSG command with no message specified. The SMSG command is used to send a special message (SMSG) to a user program, address space, or batch job. The message text is required.

System action

TCPIP continues. The SMSG command is not honored.

Operator response

Reissue the SMSG command specifying the text of the SMSG to be sent. If this message occurred as a result of issuing SMSG TRACE on TSO from where the FTP server resides, then you should issue "SMSG FTPSERVE TRACE". For more information about SMSG, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#). If you need more help with this message, contact the IBM Software Support Center.

System programmer response

Assist the operator as required.

Module

MVPXSMMSG

Procedure name

MVPXSMMSG

EZY2045I	SMSG: <i>user</i> not logged on.
-----------------	---

Explanation

TCPIP received an SMSG command for a user that is not logged on.

System action

TCPIP continues. The SMSG command is not honored.

Operator response

Check and make sure the target is active and reissue the SMSG command. For more information about the SMSG command, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

System programmer response

Assist the operator as required.

Module

MVPXSMMSG

Procedure name

MVPXSMMSG

EZY2048I **SMSG: *user* quiesced; SMSG ignored.**

Explanation

The SMSG command sent to the indicated user is ignored because the user or program is not active.

System action

TCPIP continues.

Operator response

Make sure that the user or program is active and reissue the SMSG command. Contact your system administrator for help if required.

System programmer response

Assist the operator as required.

Module

MVPXSMMSG

Procedure name

MVPXSMMSG

EZY2053I **MVPXDISP: User *userID* Asid *addrspaceid*.**

Explanation

This message is the first in a set of messages displaying information about a specific user ID. The user ID *userID* indicates the client ID, and the Address Space Identifier (asid) for that client is displayed.

System action

The system continues with message EZY2054I, displaying user information for this ID.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

Mainline code

EZY2054I	MVPXDISP: Data @ user data address Sm=system mask Cr0=control register 0 Flags=flags.
-----------------	--

Explanation

This message displays in response to the MVPXDISP command after message EZY2053I. The user data information is displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2055I	MVPXDISP: Client of interface.
-----------------	---------------------------------------

Explanation

This message displays in response to the MVPXDISP command and follows message EZY2054I. This message can display up to four times, once for each possible interface. The following list displays the four possible interfaces that can display:

- VMCF address space
- SMSG
- VMCF
- IUCV

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2056I	MVPXDISP: IUCV mask=<i>mask</i>, Pending Ctl=<i>control</i>, Appl=<i>application</i>.
-----------------	--

Explanation

This message displays in response to the MVPXDISP command and follows message EZY2055I. Information about the IUCV application is displayed. The information displayed includes enable, control pending interrupts, and application pending interrupts masks for the client.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2057I	MVPXDISP: VMCF: Buf=<i>address</i>, Len=<i>length</i>, Flgs=<i>flags</i> user=<i>user</i> Key=<i>auth key</i>.
-----------------	---

Explanation

This message displays in response to the MVPXDISP command. The user data is displayed. Included are the user external interrupt buffer address and length, user flags, and user authority.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2058I

MVPXDISP: IUCV: Connections=*number*, Max=*number*.

Explanation

This message displays in response to the MVPXDISP command and follows message EZY2059I. The number of IUCV connections and the maximum number of IUCV connections allocated for the client are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2059I

MVPXDISP: VMCF: Pending count=*number* Flags=*flags*.

Explanation

This message displays in response to the MVPXDISP command and follows message EZY2057I. The number of VMCF pending connections and the VMCF flags are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2060I

MVPISAQ : *name1 name2* Header at *address*

Explanation

This message displays when the debug option is used. The header name and address are displayed for an initial storage area (ISA) queue header. This message displays with messages EZY2061I – EZY2063I.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

PRISAQ

EZY2061I

MVPISAQ : Subpool *number* 1st Getmain count *count*

Explanation

This message displays when the debug option is used. The subpool number and the total number of storage areas allocated by GETMAIN are displayed. This message displays with messages EZY2060I, EZY2062I, and EZY2063I.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

PRISAQ

EZY2062I

MVPISAQ : 2nd Getmain count *count*

Explanation

This message displays when the debug option is used. The count of overflow ISA areas allocated is displayed. This message displays with messages EYZ2060I, EYZ2061I, and EYZ2063I.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

PRISAQ

EYZ2063I **MVPISAQ : Frame size size Max asked max size(max size)**

Explanation

This message displays when the debug option is used. The default frame size and the largest storage area allocated are displayed in decimal and hexadecimal form. This message displays with messages EYZ2060I — EYZ2062I.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

PRISAQ

EYZ2064I **MVPXDISP: User name not found.**

Explanation

This message displays in response to the MVPXDISP command. The user indicated could not be found by this utility.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZYP2065I MVPXDISP: IUCV: Ctl flags=*flags* Appl flags=*flags*.

Explanation

This message displays in response to the MVPXDISP command and follows message EZY2058I. The IUCV control flags and the IUCV application flags are displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2066I	MVPXDISP: Index= <i>asid</i> , Sm= <i>system mask</i> , Cr0= <i>data</i> , Flags= <i>flags</i> , User= <i>user</i> .
----------	---

Explanation

This message displays in response to the MVPXDISP command. VTAM user information is displayed, including the address space ID, system mask, control register 0 data, flags, and user name.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXDISP

Procedure name

MVPXDISP

EZY2080I	MVPMAIN: Storage could not be obtained for TCP/IP address CVT, Name=<i>pc load module name</i>, Rcode=<i>rc</i>
-----------------	--

Explanation

This message indicates that there is not enough common storage available for the TCPIP communication vector table (CVT) control block. This will not directly impact TCPIP functions. Some cleanup might not be performed when TCPIP is stopped.

System action

TCPIP continues.

Operator response

Refer this message to the system programmer.

System programmer response

Investigate why below the line, CSA storage is not available. Restart TCPIP when more common storage becomes available. For more help contact the IBM Software Support Center.

Module

MVPMAIN

Procedure name

mainline

EZY2081I	MVPMAIN: Anchor control block could not be found for TCP/IP address space CVT
-----------------	--

Explanation

The TCPIP address space CVT could not be located because the control block containing its address could not be found.

System action

TCPIP continues.

Operator response

Refer this message to the system programmer.

System programmer response

Look for abend in GETMAIN during TNF subsystem initialization. Correct that problem then restart TCPIP after you IPL the MVS system. For more help contact the IBM Software Support Center.

Module

MVPMMAIN

Procedure name

mainline

EZY2090I **DUMPING VTAMinfo tables, Table number = *table***

Explanation

Information notifying you that TCPIP is about to display the indicated VTAM tables. The following are the application tables used by VTAM:

Table Number	Description
0	All application tables
1	Telnet application table
2	VTAM log mode information table
3	LU group table
4	IP group table
5	IP to LU map table
6	Default application table
7	Application table
8	LU status table (for all LUs)

System action

The program continues.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2091I

--

Explanation

Message separator.

System action

The program continues.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2092I

TELNET id=*applid*

Explanation

Information notifying you that TCPIP is about to display the Telnet application table used by VTAM.

System action

The program continues.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2093I	Mode Table
Explanation	
Information notifying you that TCPIP is about to display the mode table used by VTAM.	
System action	
The program continues.	
Operator response	
None.	
System programmer response	
None.	
Module	
MVPBLVT	
Procedure name	
Mainline code	
EZY2094I	Mt Ptr=<i>table</i>, ElemCount=<i>counter</i>
Explanation	
Information specifying the allocated storage, pointed to in the <i>table</i> value, for the VTAM Telnet mode table. The <i>counter</i> value specifies the number of entries in the mode table.	
System action	
The program continues and displays each entry in the table, as specified in message EZY1095I.	
Operator response	
None.	
System programmer response	
None.	
Module	
MVPBLVT	
Procedure name	
Mainline code	
EZY2095I	Mt Elem=<i>counter</i>, ModeName=<i>name</i>, Flag=<i>flag</i>, Model=<i>model</i>, Class=<i>class</i>, DeviceType=<i>type</i>

Explanation

Information for specific VTAM Telnet mode table entries. All table entries including number, the mode name, table name, and any flags are displayed.

System action

The program continues and displays each entry in the table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2096I	LU Group Table
-----------------	-----------------------

Explanation

Information notifying you that TCPIP is about to display the logical unit group (LUGROUPS) table used by VTAM. This table contains an entry for each group defined with the LUGROUP statement. Each entry contains the group name, and a set of LU names that belong to the group.

System action

The program continues, and displays the VTAM LU names groups definition table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2097I	Lg Ptr=table, ElemCount=counter, Size=bytes
-----------------	--

Explanation

Information specifying the allocated storage, pointed to in the *table* value, for the VTAM logical unit group (LUGROUPS) table. The *counter* value specifies the number of elements in the mode table. The *bytes* value specifies the size of the entries in the mode table.

System action

The program continues and displays each entry in the table, as specified in message EZY2098I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2098I Lg Elem=*element*, GrpName=*groupID*, AllocCnt=*count*, UsedCnt=*count*

Explanation

Information about a specific element in the VTAM logical unit group (LUGROUPS) table. The *element* value specifies the element number of the LU group table. The *groupID* value specifies the element number of the LU group table. The *count* values specifies the dynamic storage allocated and the storage used up by the LU group table.

System action

The program continues and displays each element in the LU group table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2099I Lg Mem=*LUmember*, MemberName=*LUname*

Explanation

Information about a specific VTAM logical unit group (LUGROUPS) table. The *LUmember* value specifies the member of the LU group table. The *LUname* specifies the name for the member of the LU group table.

System action

The system continues, and displays all present members of the LU group table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2100I IP Group Table

Explanation

Information notifying you that TCPIP is about to display the Internet Protocol (IP) group table used by VTAM. This table contains an entry for each IP address and Subnet addresses defined with the IPGROUP statement. Each entry contains either an IP address or a subnet address/mask pair and the group name the address belongs to.

System action

The program continues.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2101I	Ig Ptr=table, ElemCount=counter, Size=bytes, SubnetIndex=index
----------	--

Explanation

Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM internet protocol group (IPGROUP) table. The *counter* value specifies the number of elements in the IP group table. The *bytes* value specifies the size of the entries in the IP group table. The *index* value specifies the start of IP subnets in the IP group table.

System action

The program continues and displays each entry in the IP group table, as specified in messages EZY2102I, EZY2103I, and EZY2104I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2102I **Ig Elem=counter, GrpName=name,**

Explanation

Information indicating the IP group name where the VTAM table entries reside.

System action

The system continues and displays message EZY2103I with additional information related to this message.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2103I **Ig MemberAddr=network.subnet.host.local, IsSubnet=flag**

Explanation

The IP address information for a specific member of the IP group table entries is displayed. The *flag* indicates if the subnet mask address is either *ON*, in use, or *OFF*, not used. If the subnet mask address is used it will be displayed in message EZY2104I following this message.

System action

The system continues displaying message EZY2104I if the subnet address is in use. Otherwise, the system continues displaying IP group member addresses.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2104I**Ig Ip SubnetMask=*network.subnet.host.local***

Explanation

This message appears only if the subnet mask is in use. The IP address information for the subnet mask of a IP group table member is displayed. The subnet mask address is in dotted-decimal notation. It is used as a mask, or a filter for the member address with which it is associated. The Subnet allows specification of IP address ranges and all the hosts on a sub-network. The Subnet is specified with a Subnet address and Subnet mask. The Subnet address is ANDed with the Subnet mask to remove any insignificant bits and stored as an IP address. The Subnet mask must be ANDed with the Telnet IP address and compared with the above Subnet address to determine if the IP address belongs to the subnet. The mask is stored after the Subnet address as an IP address.

System action

The system continues displaying IP group member addresses.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

Explanation

Information notifying you that TCPIP is about to display the map internet protocol (IP) address groups to VTAM logical unit (LU) names table. This table contains an entry for each mapping defined with the LUMAP statement. Each entry contains either an IP address or an IP group name that is mapped to a VTAM LU name or an LU group name.

System action

The program continues and displays the information.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

Explanation

Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM internet protocol group (IP) to logical unit (LU) map table. The *counter* value specifies the number of elements in the IP to LU map table. The *bytes* value specifies the size of the IP to LU map table. The *index* value specifies the index to address a new part in the IP to LU map table.

System action

The program continues and displays each entry in the IP to LU map table, as specified in messages EZY2107I, EZY2108I, and EZY2109I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2107I**Mp Elem=counter, LU id=id, IsGroup=groupflag, IsHost=hostflag**

Explanation

Information for specific LU ID of the IP to LU map table. The table element number, and the LU identification number, *id*, are displayed. The elements can be a VTAM LU name or an LU group name. The *groupflag* is a flag used to identify if this LU element is a VTAM LU name or an LU group. The *hostflag* is a flag used to identify if this LU element has a host IP address or a group name.

System action

The system continues displaying message EZY2108I if the this element is a host, or the system displays message EZY2109I to display the IP group name.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2108I**Mp Ip Address=network.subnet.host.local**

Explanation

This information is displayed only if the LU element is a host. The IP address information for a specific host of the IP to LU map table entries is displayed.

System action

The system continues displaying the IP to LU map table elements.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2109I**Mp Ip GroupName =name**

Explanation

This information is displayed only if the LU element is an IP group name. The group name of the IP to LU map element is displayed.

System action

The system continues displaying the IP to LU map table elements.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2110I	Default Application Table
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Explanation

Information notifying you that TCPIP is about to display the default application (appl) table used by VTAM. This table contains an entry for each mapping defined with the DEFAULTAPPL or the LINEMODEAPPL statement. Each entry contains either an IP address, an IP group name, or a linkname that is mapped to an application name. This application becomes the default application when the Telnet user has not specified one. The order of the search is IP address, IP group name, and finally the Linkname. There is also a special match-all entry that is used as the default if Telnet session has no default application explicitly defined.

System action

The system continues displaying the default application table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2111I	Da Ptr=table, ElemCount=counter, Size=bytes, AddrIndex=index
-----------------	---

Explanation

Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM default application (appl) table. The *counter* value specifies the number of elements in the default appl table. The *bytes* value specifies the size of the default appl table. The *index* value specifies the default appl table index to the IP addresses part.

System action

The program continues and displays each entry in the default appl table, as specified in messages EZY2112I, EZY2113I, and EZY2114I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2112I **Da Elem=counter, ApplName=name, LogMode=mode, IsHost=hostflag**

Explanation

Information for specific entries of the default application (appl) table. The table element number, the VTAM appl name, as specified in VTAMLST, and the logon *mode*, are displayed. The logon mode *mode* can be either line or transparent mode. The *hostflag* variable is a flag used to identify if this default element has a host IP address.

System action

The system continues displaying message EZY2113I if this default entry has the IsHost variable set to *ON*. The true condition identifies this element as being a host, any other condition and the system displays the destination name in message EZY2109I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2113I **Da Ip Address=network.subnet.host.local**

Explanation

This information is displayed only if the default element is a host. The IP address information for a specific host of the default table entries is displayed.

System action

The system continues displaying the default table elements.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2114I Da Ip GroupName =name

Explanation

This information is displayed only if the default element is either an IP group name or a linkname. The group name of the default element is displayed.

System action

The system continues displaying the default table elements.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2115I Application Table

Explanation

Information notifying you that TCPIP is about to display the application (appl) table used by VTAM.

This table contains the applications which are permitted access through Telnet as specified by the RESTRICTAPPL or the ALLOWAPPL statement. The application entries contain an optional RestrictUsers table identifying the RESTRICTed applications, or an AllowLuNames set identifying the ALLOWed applications.

System action

The system continues displaying the application table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2116I *Ap Ptr=table, ElemCount=counter, Size=bytes*

Explanation

Information specifying the allocated storage, pointed to in the *table* value, for a new VTAM application (appl) table. The *counter* value specifies the number of elements in the application table. The *bytes* value specifies the size of the appl table.

System action

The program continues and displays each entry in the appl table, as specified in the following messages:

- EZY2117I
- EZY2118I
- EZY2119I
- EZY2120I
- EZY2121I
- EZY2122I

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2117I

Ap Elem=counter, ApplName=name, ApplMask=X'mask'

Explanation

Information for specific entry of the application (appl) table. The table element number, the VTAM appl name, as specified in VTAMLST, and the appl comparison mask *mask*, are displayed. The appl mask can be used for logical comparisons to validate characters in the appl name and user IDs specified on the RESTRICTAPPL and the ALLOWAPPL statements.

System action

The system continues displaying message EZY2118I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2118I

Ap AllocCnt=count, UsedCnt=count, Discon=Discflag, Restrict=Rstrflag

Explanation

Information about a specific element in the VTAM application (appl) table. The *count* values specifies the dynamic storage allocated and the storage used up by the appl table. The *Discflag* allows an application to be disconnected by a user leaving the VTAM session active. The *Rstrflag* identifies this application as a restricted appl if it is set to the *ON* flag.

System action

The program continues and displays each element in the appl table. If the Rstrflag is set *ON*, then the program continues and displays the restricted applications in messages EZY2119I, EZY2120I, and EZY2121I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2119I**Ap Elem=counter, UserName=id, UserMask=X'mask'**

Explanation

This information is displayed only if the *Rstrflag* is set to *ON*, in message EZY2118I, specifying a restricted table member. This information is for specific restricted users of the application (appl) table. The table element number, the user name ID, as specified in RESTRICTAPPL statement, and the user comparison mask *mask*, are displayed. The user ID mask can be used for logical comparisons to validate characters in the user IDs specified on the RESTRICTAPPL statements.

System action

The system continues displaying message EZY2120I and EZY2121I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2120I**Ap AllocCnt=count, UsedCnt=count,**

Explanation

This information is displayed only if the *Rstrflag* is set to *ON*, in message EZY2118I, specifying a restricted table member. This information is about a specific element in the VTAM application (appl) table. The *count* values specifies the dynamic storage allocated and the storage used up by the appl table.

System action

The program continues and displays each element in the appl table, and continues to message EZY2121I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2121I**Ap Elem=*counter*, RestrictLuName=*name***

Explanation

This information is displayed only if the *Rstrflag* is set to *ON*, in message EZY2118I, specifying a restricted table member. This information is about a specific element in the VTAM application (appl) table. The *counter* values specifies the appl table entry. The *name* specifies the restricted user LU name for that entry in the appl table.

System action

The program continues and displays each restricted user LU names in the appl table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2122I**Ap Elem=*counter*, AllowLuName=*name***

Explanation

This information is about a specific element in the VTAM application (appl) table. The *counter* value specifies the appl table entry. The *name* specifies the allowed user logical unit (LU) name for that entry in the appl table. This table contains the applications which are permitted access through Telnet as specified by the ALLOWAPPL statement.

System action

The program continues and displays each allowed user LU names in the appl table.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2130I**LU Status Table**

Explanation

Information notifying you that TCPIP is about to display the logical unit (LU) status table used by VTAM. The table is used to keep track of the status of VTAM LU names as they are used in Telnet connections.

System action

The system continues and displays messages EZY2131I, and EZY2132I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2131I**Ls Ptr=*number*, AllocCnt=*count*, UsedCnt=*count***

Explanation

Information specifying the allocated and used logical units pointed to in the logical unit (LU) status table used by VTAM.

System action

The system continues and displays message EZY2132I.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2132I**Ls Elem=*number*, Name=*luname*, Flags=*Ls_Default flag***

Explanation

Displays specific information about the entries in the logical unit (LU) status table. The LU element numbers *number*, names *luname*, and any optional flags *flgs* are displayed.

System action

The system continues.

Operator response

None.

System programmer response

None.

Module

MVPBLVT

Procedure name

Mainline code

EZY2133E VTAM UssTable *table name* can not be loaded.

Explanation

This message displays if the debug option is used. The VTAM unformatted systems service table indicated could not be loaded.

System action

TCPIP continues.

Operator response

Refer this message to the system programmer.

System programmer response

Make sure that the table name exists and that the program has access to it. Call the IBM Software Support Center for more help if necessary.

Module

MVPDG7D

Procedure name

MVPDG7DD

EZY2134I STOP COMMAND IGNORED tcpipprocname ALREADY BEING STOPPED

Explanation

This message indicates that a subsequent stop command (P TCPIP) was received while TCPIP was processing a previous stop command. The subsequent stop command is ignored and TCPIP ends.

System action

TCPIP ends.

Operator response

None.

System programmer response

None.

Module

MVPOCM

Procedure name

MVPOCMI

EZY2142I Hung VMCF Interrupt scheduled for ASID**Explanation**

This message indicates that TCPIP has encountered a VMCF interrupt pending and the interrupt processing for the client is not running.

System action

TCPIP continues. The VMCF interface is hung.

Operator response

Refer this message to the system programmer.

System programmer response

Reinitiate the VMCF interface and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

Module

MVPXVI

Procedure name

MVPXVI

EZY2143I Hung IUCV_A Interrupt scheduled for ASID**Explanation**

This message indicates that TCPIP has encountered a IUCV_A interrupt pending and the interrupt processing for the client is not running.

System action

TCPIP continues. The IUCV application is hung.

Operator response

Refer this message to the system programmer.

System programmer response

Restart the IUCV application and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

Module

MVPXVI

Procedure name

MVPXVI

EZY2144I	Hung IUCV_C interrupt scheduled for ASID
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Explanation

This message indicates that TCPIP has encountered a IUCV_C interrupt pending and the interrupt processing for the client is not running.

System action

TCPIP continues. The IUCV interface is hung.

Operator response

Refer this message to the system programmer.

System programmer response

Reinitiate the IUCV interface and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

Module

MVPXVI

Procedure name

MVPXVI

EZY2145I	VMCF cleanup for USERID <i>id</i> in ASID
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Explanation

This message indicates that VMCF is running cleanup for the indicated user ID.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

Procedure name

MVPXVI

EZY2370I	ssock_max number
-----------------	-------------------------

Explanation

This message displays the maximum number of simultaneous sockets available for use. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

getdtablesize

EZY2371I	Initialized echo server
-----------------	--------------------------------

Explanation

The echo server is initialized and ready to process incoming UDP requests.

System action

The application continues normal processing.

Operator response

To remove informational messages, start the echo server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about the echo server.

System programmer response

None.

Module

MISCSRV

Procedure name

init_socket

EZY2372I**Initialized TCP echo server****Explanation**

The echo server is initialized and ready to process incoming TCP requests.

System action

The application continues normal processing.

Operator response

To remove informational messages, start the echo server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the echo server.

System programmer response

None.

Module

MISCSRV

Procedure name

init_TCPsocket

EZY2373I**Initialized discard server****Explanation**

The discard server is initialized and ready to process incoming UDP requests.

System action

The application continues normal processing.

Operator response

To remove informational messages, start the discard server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the discard server.

System programmer response

None.

Module

MISCSRV

Procedure name

init_socket

EZY2374I**Initialized TCP discard server****Explanation**

The discard server is initialized and ready to process incoming TCP requests.

System action

The application continues normal processing.

Operator response

To remove informational messages, start the discard server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the discard server.

System programmer response

None.

Module

MISCSRV

Procedure name

init_TCPsocket

EZY2375I**Initialized character generator server****Explanation**

The character generator server is initialized and ready to process incoming UDP requests.

System action

The application continues normal processing.

Operator response

To remove informational messages, start the character generator server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the character generator server.

System programmer response

None.

Module

MISCSRV

Procedure name

init_socket

EZY2376I**Initialized TCP character generator server****Explanation**

The character generator server is initialized and ready to process incoming TCP requests.

System action

The application continues normal processing.

Operator response

To remove informational messages, start the character generator server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the character generator server.

System programmer response

None.

Module

MISCSRV

Procedure name

init_TCPsocket

EZY2380I**before selectex: readmask****Explanation**

This message displays the contents of the readmask used by the function selectex to determine if a socket is prepared to read data. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

main

EZY2381I**exiting**

Explanation

This message is displayed to indicate that the miscellaneous server is closing all sockets and exiting the application.

System action

The miscellaneous server halts.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

main

EZY2385I	after selectex: readmask
1	1
2	2
3	3
4	4
5	5
6	6
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98	98
99	99
100	100

Explanation

This message displays the value of the readmask used by the function selectex to determine if a socket is ready to read data.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

main

EZY2386I	socket number port number is condition
----------	--

Explanation

This message indicates that data has been received over the indicated socket. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

main

EZY2387I	before cextpost
EZY2388I	ended interrupt handler: rc value

Explanation

The interrupt handler is being closed. The *rc* portion of this message indicates whether the closing is successful. This message is displayed when the debug trace option is specified.

System action

The interrupt handler halts. The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

cextpost

EZY2389I	UDP echo protocol
-----------------	--------------------------

Explanation

A UDP echo request is being processed. The server echoes the data received. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

doecho

EZY2390I	Echo server: socket <i>number</i> address <i>name</i>
-----------------	--

Explanation

This message displays the socket value and the address family (in dotted decimal notation) for the echo server. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about AF_INET or AF_IUCV.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

doecho

EZY2391I	UDP discard protocol
-----------------	-----------------------------

Explanation

The UDP discard protocol is initialized. The UDP discard protocol will discard the data received by the MISCSRV.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dodisc

EZY2392I**Discard server: socket *number* address *name***

Explanation

This message displays the socket value and address (in dotted decimal notation) for the discard server.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dodisc

EZY2393I**UDP character generator**

Explanation

The UDP character generator is initialized. This will cause random data to return for each datagram that is received. This message is displayed when the debug trace option is specified. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the character generator.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dochargen

EZY2394I**Character server: socket *number* address *name*****Explanation**

This message displays the socket number and address (in dotted decimal notation) for the character server.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISSCRV

Procedure name

dochargen

EZY2395I**link name *name* family *name* home address *name*****Explanation**

This message states the link name, family and home address of all the system adapter interfaces.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

getifconf

EZY2396I***name socket number port number*****Explanation**

The link name, socket number, and well-known port number are displayed.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

init_socket

EZY2397I***socket number port number*****Explanation**

The socket number and well-known server port number are displayed.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

init_TCPsocket

EZY2398I***socket number af number*****Explanation**

The socket number and address family number, which indicates an AF_IUCV connection, are displayed for the SMSG socket.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

SMSGsocket

EZY2399I**TCP echo protocol****Explanation**

A TCP echo request is being processed. The server echoes the data received. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

doTCPEcho

EZY2401I**TCP Discard protocol****Explanation**

A TCP discard request is being processed. The server discards the data received. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

doTCPdisc

EZY2403I**TCP Character Generator protocol**

Explanation

A TCP character generator request is being processed. The character generator server creates random data in response to data received. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

doTCPchargen

EZY2405I**Display SMSG**

Explanation

An SMSG command is being processed. Shutdown and trace commands are the only supported SMSG commands for the miscellaneous servers. See the [z/OS Communications Server: IP Configuration Guide](#) and the [z/OS Communications Server: IP User's Guide and Commands](#) for more information about the SMSG command. This message is displayed when the debug trace option is specified.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dispMSG

EZY2406I	Received message:
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Explanation

This message header is followed by information pertaining to the status of the MSG message requested.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dispMSG

EZY2414I	shutting down
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Explanation

The MISCSRV server is closing due to user or operator request. The server closes all connections and halts. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the SHUTDOWN function.

System action

The application halts.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dispMSG

EZY2416I

Unknown command: *name*

Explanation

The MISCSRV server received a command that it does not recognize. The command is ignored.

System action

The application continues.

Operator response

Reissue the command using the SHUTDOWN command or TRACE command. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the SHUTDOWN or TRACE commands.

System programmer response

Assist the user if necessary.

Module

MISCSRV

Procedure name

dispMSG

EZY2418I

closed STREAM Socket: *number* rc: *number*

Explanation

The miscellaneous server closes the socket specified in the message.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

closesock

EZY2419E**error for select (*tcperror*)**

Explanation

The select function was unsuccessful.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application attempts to continue.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated (*tcperror*). See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about select().

Module

MISCSRV

Procedure name

selectex

EZY2420E**selectex (*tcperror*)**

Explanation

The selectex function was unsuccessful.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application attempts to continue.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in(*tcperror*). See *selectex()* in the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information.

Module

MISCSRV

Procedure name

selectex

EZY2421E

recvfrom() (tcperror)

Explanation

The recvfrom function found no data while in nonblocking mode.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information about the (*tcperror*) portion of this message, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

doecho

EZY2422E

sendto() (tcperror)

Explanation

The buffer space that is used to hold the data to be transmitted is inadequate, or no data was found in the buffer space. If the socket is in nonblocking mode a return code EWOULDBLOCK is set.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information on the sendto() function.

Module

MISCSRV

Procedure name

doecho

EZY2424E

create_TCP_port::socket (*tcperror*)

Explanation

An error occurred when trying to create a socket connection.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The MISCSRV halts. The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information on the error condition see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

getifconf

Procedure name

init_TCPsocket

EZY2425E

create_UDPC_port::socket (*tcperror*)

Explanation

The function create_UDPC_port, which is used to open a UDP connection, was unsuccessful.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The UDP application MISCSRV halts.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information on the error condition see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

init_socket

EZY2426E

create_TCP_port::bind (*tcperror*)

Explanation

The bind() call encountered an error when trying the bind an address to the socket.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). See [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for a description of error values.

Module

MISCSRV

Procedure name

init_TCPsocket

EZY2427E

create_UDPC_port::bind (*tcperror*)

Explanation

The bind() function encountered an error when trying the bind a UDP port.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information about the bind() function and addition error values see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

init_socket

EZY2428E**create_TCP_port::listen (*tcperror*)**

Explanation

The listen function, which is used to create a TCP connection to listen for data, encountered an error. (*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information about the listen function and additional error values see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

init_TCPsocket

EZY2429E**create_IUCV_port::socket (*tcperror*)**

Explanation

An error occurred when creating an IUCV_port and socket connection. (*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information on the error condition see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

init_SMSGsocket

EZY2430E**cannot connect msg socket (*tcperror*)**

Explanation

An error was detected when trying to initiate a socket connection to the server. No connection is established. (*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). A description of the connect() function and error codes for the function can be found in the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

init_SMSGsocket

EZY2431E**Accept() (*tcperror*)**

Explanation

The accept() call, which is used to establish a connection to a client, failed to respond to a connection request. (*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). A description of the accept() call and the error conditions generated from this call can be found in the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

doTCPecho

EZY2432E**recv() (tcperror)**

Explanation

The `recv()` function, which is used to receive data from a socket and store it in a buffer, was unsuccessful. (*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The MISCSRV halts. The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information about the `recv()` call and the error conditions for this call, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

doTCPecho

EZY2433E**error reading msg_socket (tcperror)**

Explanation

The buffer space used to store data read from the `msg_socket` cannot accommodate the data. The following errors can occur as a result of the failure:

EBADF

The socket is not a valid socket descriptor.

EFAULT

Exceeded storage for the caller address space.

EWOULDBLOCK

The socket is in nonblocking mode and data is not available to read.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). For more information see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

MISCSRV

Procedure name

dispMSG

EZY2434E	create_UDPC_port: ioctl (get interface conf.) (<i>tcperror</i>)
-----------------	--

Explanation

The ioctl function, which is used to get the network configuration, encountered an error. For more information about the ioctl function, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

The MISCSRV server halts. The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*).

Module

MISCSRV

Procedure name

getifconf

EZY2435I	Echo server: socket number buf value
-----------------	---

Explanation

This message displays the server type, socket number, and contents of the buffer that holding data to be transmitted.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

doecho

EZY2436I**Discard server: socket *number* buf *value***

Explanation

This message displays the server type, socket number, and contents of the buffer holding received data.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dodisc

EZY2437I**Character server: socket *number* buf *value***

Explanation

This message displays the server type, socket number, and the data stored in the buffer.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dochargen

EZY2438I**Invalid Trace option name****Explanation**

The trace option requested is not valid. The following are valid trace options:

(NO)ECHO

Returns the data for UDP and TCP sessions exactly as it is received.

(NO)DISC

The data is discarded when sent to the MISCSRV.

(NO)CHARGEN

Random data is displayed regardless of the data it receives.

System action

The application continues.

Operator response

Reenter the trace option with a valid request.

System programmer response

Assist the user as necessary.

Module

MISCSRV

Procedure name

dispMSG

EZY2439I**Currently not tracing anything.****Explanation**

The trace option is not enabled.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dispMSG

EZY2440I**Currently tracing: *name*****Explanation**

This informational message displays the current level of tracing.

System action

The application continues processing.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

dispMSG

EZY2441I**Trace option not defined****Explanation**

The application does not support the trace option.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

MISCSRV

Procedure name

main

EZY2442I**Invalid initialization parameter: *name***

Explanation

The parameter you have entered is not valid.

System action

The application continues.

Operator response

Restart the miscellaneous server with a valid parameter. See the [z/OS Communications Server: IP User's Guide and Commands](#) for more information about correct parameters.

System programmer response

Assist the user as necessary.

Module

MISCSRV

Procedure name

main

EZY2443I **fnctl failed: (tcperror)**

Explanation

The fnctl() call failed to initialize the socket descriptor into nonblocking mode.

(*tcperror*) is the number of the message where you can find more detailed information about this error.

System action

Initialization of the MISCSRV server halts. The application continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated in (*tcperror*). See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information about the fnctl() call and the error conditions that can occur when using this call.

Module

MISCSRV

Procedure name

init_TCPsocket

EZY2632E ***parameter* value must be either TRUE or FALSE.**

Explanation

While processing the FTP.DATA file, a parameter in the file was encountered which required a value of either TRUE or FALSE. The actual value specified was something other than TRUE or FALSE. *parameter* is the name of the parameter in error.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for *parameter*. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2633E	<i>parameter</i> value missing - must be either TRUE or FALSE.
-----------------	---

Explanation

While processing the FTP.DATA file, a parameter in the file was encountered which required a value of either TRUE or FALSE, but which had no value specified. *Parameter* is the name of the parameter in error.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2634E	<i>parameter</i> value value not numeric.
-----------------	--

Explanation

While processing either the FTP.DATA file or processing the start options from the FTP server start procedure, a parameter was encountered which required a numeric value, but which had a non-numeric value specified. *parameter* is the name of the parameter in error. *value* is the value which was found in the FTP.DATA file or on the start options for the parameter. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

System action

The parameter in error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server procedure start options continues with the next start option.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

System programmer response

Correct the FTP.DATA file or the FTP server procedure to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file and FTP server start options.

Module

EZAFTPEP

EZY2635E	Integer overflow <i>number</i> for <i>parameter</i>
-----------------	--

Explanation

While processing either the FTP.DATA file or the FTP server procedure start options, a parameter was encountered which required a numeric value, but the value which was specified was larger than the largest valid 4 byte integer value. *parameter* is the name of the parameter in error. *number* is the value which was found in the FTP.DATA file or FTP server procedure start options for the parameter. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

System action

The parameter in error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server start option continues with the next start option.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

System programmer response

Correct the FTP.DATA file or FTP server start procedure to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file and FTP server start options.

Module

EZAFTPEP

EZY2636E	<i>parameter</i> value not specified.
-----------------	--

Explanation

While processing the FTP.DATA file, a parameter in the file was encountered which required a value, but no value was specified. *parameter* is the name of the parameter in error.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Tip: If the configuration input is from a UNIX file (see the preceding EZYFT46E message), this might be caused by trailing blanks in the configuration statement. Edit the file to remove those blanks or add a comment to the end of the statement.

Module

EZAFTPEP

EZY2638I

Using FTP configuration defaults.

Explanation

This message is issued by the FTP daemon or by the FTP client.

FTP daemon

The FTP daemon could not locate or open an FTP.DATA file or data set when the FTP daemon was started. The FTP daemon logs this message to SYSLOG during initialization after it attempts to locate and process FTP.DATA.

FTP client

The FTP client could not locate or open an FTP.DATA file or data set when the FTP client was started. The FTP client issues this message as part of the LOCStat subcommand response.

The internal defaults for all FTP.DATA configuration options are being used.

See the [z/OS Communications Server: IP Configuration Reference](#) about FTP.DATA configuration options.

System action

The configurable parameters of the FTP client or server are set to default values.

Operator response

No action needed.

System programmer response

See the [z/OS Communications Server: IP Configuration Reference](#) for information about configuration options for the FTP.DATA file or data set.

If you want to customize the client or server configuration, perform one of the following actions:

FTP client

- Create an FTP.DATA file or data set. See the [Changing local site defaults using FTP.DATA in z/OS Communications Server: IP User's Guide and Commands](#) for information about creating an FTP.DATA file or data set. If an FTP.DATA file or data set already exists, error messages issued when the FTP client was started indicate why the existing FTP.DATA file or data set was not used.

- Issue the LOCSite subcommand to change the configuration for the current session only. See the [LOCSite subcommand--Specify site information to the local host in z/OS Communications Server: IP User's Guide and Commands](#) for more information.

FTP daemon

- Create an FTP.DATA file or data set. See the FTP.DATA statements in [z/OS Communications Server: IP Configuration Guide](#) for information about creating FTP.DATA. If an FTP.DATA file or data set already exists, check SYSLOGD for error messages from the FTP daemon indicating why the existing FTP.DATA file or data set was not used.
- Send a SITE command to the server after logging in to change the configuration for the current session only. See the [SITE subcommand in z/OS Communications Server: IP User's Guide and Commands](#) for information about configuring the FTP server with the SItE subcommand and SITE command.
- Issue a MODIFY command from the console to change the configuration for subsequent sessions only. The modified configuration is lost when you stop the FTP daemon. See the [MODIFY command: FTP in z/OS Communications Server: IP System Administrator's Commands](#) for information about the MODIFY command.

Module

EZAFTPEP

EZY2640I

Using *name* for local site configuration parameters.

Explanation

This message indicates which FTP.DATA file is being used for the configurable parameters. *name* will either be "DD:SYSFTPD", indicating that the SYSFTP DD statement was used for the FTP.DATA file, or it will be the actual name of the file being used. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the FTP.DATA file search order.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPEP

EZY2642E

Unknown keyword: *parameter*

Explanation

While processing the FTP.DATA file, the FTP server encountered a parameter which it did not recognize.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Check the line in error for spelling or typographical errors. If the parameter is incorrect, correct the parameter as necessary. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2643E	<i>parameter value longer than number characters.</i>
-----------------	--

Explanation

While processing the FTP.DATA file, a parameter in the file was encountered which required a character string no longer than the specified number of characters. However, the value that was specified was longer than the maximum allowed length. *parameter* is the parameter in error. *number* is the maximum allowed length of the parameter value.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2644E	<i>parameter value number out of range. Value must be between low and high.</i>
-----------------	--

Explanation

While processing either the FTP.DATA file or processing the start options from the FTP server start procedure, a parameter was encountered which required a numeric value which was within a specified range. The actual value specified was outside of the allowable range of values for the parameter being processed. *parameter* is the parameter in error. *number* is the actual value that was specified. *low* is the minimum acceptable value, *high* is the maximum allowable value. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server procedure start parameters continues with the next start parameter.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2645E	CONDDISP value must be either CATLG or DELETE.
-----------------	---

Explanation

While processing the FTP.DATA file, the server encountered the CONDDISP parameter with a parameter value that was not CATLG or DELETE. The only valid values for the CONDDISP parameter are CATLG or DELETE.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2648E	FILETYPE value must be either SEQ, JES, or SQL.
-----------------	--

Explanation

While processing the FTP.DATA file, the FTP server encountered the FILETYPE parameter, but the value specified for the FILETYPE parameter was not SEQ, JES, or SQL.

System action

The line containing the FILETYPE parameter is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the value of the FILETYPE parameter in the FTP.DATA file to be either SEQ, JES, or SQL. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

EZAFTEP

UNITNAME parameter *unit*: invalid unit type.

While processing the FTP.DATA file, the FTP server encountered the UNITNAME parameter, but the value specified for the UNITNAME parameter was not a valid DASD or TAPE unit as defined by the host MVS system.

The line containing the UNITNAME parameter is ignored. Processing continues with the next line in the file.

Contact the system programmer with the error message.

Correct the value of the UNITNAME parameter in the FTP.DATA file to be a valid DASD or TAPE unit. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

EZAFTEP

Error in start parameters.

While processing the start options specified in the FTP server start procedure, the FTP Server encountered an error.

The parameter in error is ignored. Processing of the FTP server start options continues with the next start option.

This message should be followed by another message which describes the error. Contact the System programmer with both messages to have the FTP server start procedure corrected.

This message should be followed by another message which describes the error. Correct the error described by the second message.

EZAFTEP

Host name unknown; gethostname() error: *error*

The `gethostname()` socket call did not complete successfully.

System action

Processing continues. The hostname will not be known to the server.

Operator response

Correct the error indicated by the *error*.

System programmer response

Correct the error indicated by the *error*

Module

EZAFTPDM

EZY2658W	domain name unknown: gethostbyname() error.
-----------------	--

Explanation

The gethostbyname() socket call did not complete successfully.

System action

Processing continues. The host domain will not be known to the server.

Operator response

Contact the system programmer.

System programmer response

Ensure that the host name is accessible via a name server, or defined in HOSTS.SITEINFO and HOSTS.ADDRINFO. See the [z/OS Communications Server: IP Configuration Reference](#) for information on domain name systems or HOSTS.SITEINFO and HOSTS.ADDRINFO data sets.

Module

EZAFTPDM

EZY2659E	RECFM value must be one of: F, FA, FB, FBA, FBM, FBS, FBSA, FBSM, FM, FS, FSA, FSM, V, VA, VB, VBA, VBM, VBS, VBSA, VBSM, VM, VS, VSA, VSM, U, UA, or UM.
-----------------	--

Explanation

While processing the FTP.DATA file, the FTP server encountered the RECFM parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action

The line containing the RECFM parameter is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the value of the RECFM parameter in the FTP.DATA file to be a valid record format. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2669E	SPACETYPE value must be either BLOCK, TRACK, or CYLINDER.
-----------------	--

Explanation

While processing the FTP.DATA file, the FTP server encountered the SPACETYPE parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action

The line containing the SPACETYPE parameter is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the value of the SPACETYPE parameter in the FTP.DATA file to be a valid space type. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2670E	SQLCOL value must be either NAMES, LABELS, or ANY.
-----------------	---

Explanation

While processing the FTP.DATA file, the FTP server encountered the SQLCOL parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action

The line containing the SQLCOL parameter is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the value of the SQLCOL parameter in the FTP.DATA file to be a valid column heading. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2671I	General tracing is already active.
-----------------	---

Explanation

A MODIFY command with the TRACE option has been issued while tracing of FTP's general activity is currently active. General tracing continues.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPHD

EZY2672E read_ftpdata invalid keycode encountered: *key_code*

Explanation

While processing the FTP.DATA file, an internal error occurred.

key_code is an internal code describing the error.

System action

An assertion failure occurs to provide additional information about the error.

Operator response

Contact the system programmer with the error message and the assertion failure output.

System programmer response

Contact the IBM Software Support Center with the error and the assertion failure output.

Module

EZAFTPEP

EZY2673E Error reading FTP configuration file: *error_description*

Explanation

While reading the records in the FTP.DATA set, the read of one of the records failed.

error_description describes the error.

System action

Processing of the FTP.DATA file is terminated.

Operator response

Correct the problem with the FTP.DATA file.

System programmer response

Correct the problem with the FTP.DATA file.

Module

EZAFTPEP

EZY2674E **LRECL *number* is invalid for RECFM *recfm*.**

Explanation

After processing the FTP.DATA file, the server cross checked the new values of the RECFM and LRECL variables and found them to be set to a combination that is invalid for the MVS operating system.

System action

The LRECL value is changed to the nearest value which is compatible with the record format. This message should be followed by EZY2675I, indicating the new value of the LRECL.

Operator response

If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl and record format values put into the FTP.DATA file.

System programmer response

Update the FTP.DATA file with the corrected values for RECFM or LRECL. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2675I **LRECL being reset to *number***

Explanation

After processing the FTP.DATA file, the server cross checked the new values of the RECFM and LRECL parameters and found them to be set to a combination that is invalid for the MVS operating system. The LRECL parameter was changed to the indicated lrecl. This message is usually preceded by message EZY2674E indicating the error.

System action

LRECL parameter is changed.

Operator response

Correct the error as indicated for message EZY2674E.

System programmer response

Correct the error as indicated for message EZY2674E.

Module

EZAFTPEP

EZY2676E **BLOCKSIZE must equal LRECL for RECFM *recfm*.**

Explanation

After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the LRECL and BLOCKSIZE parameters to be equal, but they were not equal. The BLOCKSIZE parameter was changed to the indicated lrecl. This message is followed by message EZY2677I indicating the new value of BLOCKSIZE.

System action

The blocksize value is changed to the lrecl value.

Operator response

If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

System programmer response

Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2677I **BLOCKSIZE being set to *blocksize number*.**

Explanation

After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the value BLOCKSIZE parameter to have a dependency on the value of the LRECL parameter, but the dependency was not met. The BLOCKSIZE parameter was changed to comply with the dependency on the LRECL. This message is preceded by message EZY2676E, EZY2678E, or EZY2679E indicating the nature of the relationship between BLOCKSIZE and LRECL.

System action

The blocksize value is changed to the indicated value.

Operator response

Correct the error as indicated for message EZY2676E, EZY2678E, or EZY2679E.

System programmer response

Correct the error as indicated for message EZY2676E, EZY2678E, or EZY2679E.

Module

EZAFTPEP

EZY2678E **BLOCKSIZE must be a multiple of LRECL for RECFM *recfm*.**

Explanation

After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be a multiple of the LRECL parameter, but it was not.

System action

BLOCKSIZE is set to a value that is the nearest multiple of LRECL.

Operator response

If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

System programmer response

Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2679E	BLOCKSIZE must be at least 4 more than LRECL for RECFM <i>recfm</i>
-----------------	--

Explanation

After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be at least four greater than the LRECL parameter, but it was not.

System action

BLOCKSIZE is set to LRECL + 4. If LRECL is greater than 32756, the LRECL will be changed to 32756 so that BLOCKSIZE will not exceed the maximum value of 32760.

Operator response

If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

System programmer response

Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZY2680I	LRECL being changed to <i>number</i>
-----------------	---

Explanation

After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be at least four greater than the LRECL parameter, but it was not. The server attempted to change the BLOCKSIZE value to LRECL + 4, but the LRECL value was greater than 32756, which would cause the BLOCKSIZE to exceed the maximum value of 32760. LRECL was changed to the indicated value.

System action

LRECL is changed to the indicated value.

Operator response

Correct the error as indicated for message EZY2679E.

System programmer response

Correct the error as indicated for message EZY2679E.

Module

EZAFTPEP

EZY2681E	Invalid record format 'recfm' encountered.
-----------------	---

Explanation

After processing the FTP.DATA file, the server attempted to cross check the RECFM, BLOCKSIZE, and LRECL values, but the value of RECFM was invalid.

System action

The RECFM, BLOCKSIZE, and LRECL values are reset to the default values.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the FTP.DATA statement by choosing the valid values.

Module

EZAFTPEP

EZY2682I	LRECL, RECFM, and BLOCKSIZE being reset to default values.
-----------------	---

Explanation

After processing the FTP.DATA file or LOCSITE command, the server or client attempted to cross check the RECFM, BLOCKSIZE, and LRECL values, but the value of RECFM was invalid. The LRECL, RECFM, and BLOCKSIZE values are reset to the default values.

System action

The RECFM, BLOCKSIZE, and LRECL values are reset to the default values.

Operator response

Contact the system programmer if you do not want to use the default values.

System programmer response

Correct the FTP.DATA statement by choosing the valid values.

Module

EZAFTPEP

EZY2688E	Unknown start option: <i>option</i>
-----------------	--

Explanation

While processing the start options specified in the FTP server start procedure, the FTP server encountered the invalid start option listed in the message.

System action

The start option is ignored. Processing continues with the next start option.

Operator response

Contact the system programmer to correct the FTP server start procedure.

System programmer response

Correct the start option in the FTP server start procedure. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the FTP Server start options.

Module

EZAFTPEP

EZY2689E	An error occurred processing the FTP translate table file <i>name</i>.
-----------------	---

Explanation

FTP encountered an error while attempting to process the translation table file *name*.

System action

The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response

This message is followed by an additional message that further defines the error. Correct the error indicated by these messages.

System programmer response

This message is followed by an additional message that further defines the error. Correct the error indicated by these messages.

Module

EZAFTPNY

EZY2690E	Header record invalid format.
-----------------	--------------------------------------

Explanation

The FTP server was attempting to load a translation table, but the file specified for the translation table did not have a valid TCPXLBIN header record. The first record in the file should have been "'TCP/IP translate tables", but was not.

System action

The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response

If the file name is correct, the file has probably gotten corrupted. Use the CONVXLATE command to rebuild the table.

System programmer response

If the file name is correct, the file has probably gotten corrupted. Use the CONVXLATE command to rebuild the table.

Module

EZAFTPNY

EZY2691E Error reading the file: *error*

Explanation

The FTP server was attempting to load a translation table, but the error *error* occurred while attempting to read the file.

System action

The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response

Correct the error indicated by *error*. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

System programmer response

Correct the error indicated by *error*. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

Module

EZAFTPNY

EZY2693I Unable to open *name* : *reason*

Explanation

The FTP server attempted to open the specified file, but the open failed for the specified reason.

System action

The FTP server will continue through the search order.

Operator response

If the file *name* is the wanted file, correct the error specified by *reason*. This message will be issued for each file as the server proceeds through the search order. If the wanted file is further in the search order, no action is necessary.

System programmer response

If the file *name* is the wanted file, correct the error specified by *reason*. This message will be issued for each file as the server proceeds through the search order. If the wanted file is further in the search order, no action is necessary.

Module

EZAFTPCZ, EZAFTPEP, EZAFTPNX

EZY2697I

IBM FTP version time on date

Explanation

This is an informational message indicating that the MVS FTP server has completed initialization and is ready for client connections. The message indicates the version of the FTP server and the time and date the server was started.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDM

EZY2700I

Using port FTP control (*portnumber*)

Explanation

This is an informational message indicating which port the FTP server is listening on for incoming client connections. This should be either the port specified for the ftp server in the etc.services file, the port specified by the PORT start option, or default port 21.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDM

EZY2701I

Inactivity time is *timeout*

Explanation

This is an informational message indicating the value being used for the client control connection timeout. Client control connections inactive for this number of seconds will be terminated by the server. A timeout value of 0 indicates that inactive client connections will not be terminated. This value should be either the default timeout value or the value specified by the INACTIVE start option or FTP.DATA parameter.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDM

EZY2702I	Server-FTP: Initialization completed at <i>time</i> on <i>date</i>
-----------------	---

Explanation

This is an informational message indicating that the MVS FTP C Server has completed initialization and is ready for client connections. The message indicates the time and date the server was started.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPSD

EZY2706E	Unsupported Modify command parameter <i>parameter</i> ignored.
----------	--

Explanation

A Modify request was issued to the Server, but the server did not recognize the parameter entered on the modify request.

System action

The request is ignored.

Operator response

Verify that the Modify command was entered correctly. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the Modify command.

System programmer response

None.

Module

EZAFTPDPF

EZY2707E	Unsupported console command (hex code) <i>command name</i> ignored.
-----------------	--

Explanation

An MVS command was entered to the FTP server, but the server did not support the MVS command. Currently the only supported MVS commands are MODIFY and STOP.

System action

The MVS command is ignored.

Operator response

None.

System programmer response

None.

Module

EZAFTPDPF

EZY2714I	FTP server shutdown in progress
-----------------	--

Explanation

The FTP daemon has been terminated either by an MVS operator STOP command, or by an OMVS kill command.

System action

The FTP daemon terminates.

Operator response

None.

System programmer response

None.

Module

EZAFTPDPH

EZY2715I	General tracing is not active.
-----------------	---------------------------------------

Explanation

A MODIFY command was entered requesting that general tracing of all user IDs be ended, but tracing is not currently active. The MODIFY command is ignored.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPHD

EZY2720I	Using Japanese translation tables in <i>filename</i>
-----------------	---

Explanation

The translation table in the file is used as specified.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDC

EZY2721E	Unable to load Japanese translation tables in <i>filename</i>; return code: <i>code</i>
-----------------	--

Explanation

The FTP server encountered an error while attempting to load the indicated translation table. Possible return codes are:

- 1** No storage for the translation table
- 2** Unable to find the translation table header
- 3** Error reading the file

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated by the return code displayed in the message.

Module

EZAFTPDC

EZY2722E	Unable to load Japanese translation tables.
-----------------	--

Explanation

The FTP server cannot open the indicated translation table.

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the translation table is properly specified and loaded in storage accessible to the FTP server.

Module

EZAFTPDC

EZY2723I	Using Korean translation tables in <i>filename</i>
-----------------	---

Explanation

The FTP server is using the indicated translation table.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDC

EZY2724E**Unable to load Korean translation tables in *filename*; return code: *code*****Explanation**

The FTP server was unable to load the indicated translation table. Possible return codes are:

- 1**
No storage for the translation table
- 2**
Unable to find the translation table header
- 3**
Error reading the file

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated by the return code displayed in this message.

System programmer response

None.

Module

EZAFTPDC

EZY2725E**Unable to load Korean translation tables.****Explanation**

The FTP server cannot open the indicated translation table.

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the translation tables are properly specified and in storage accessible to the FTP server.

Module

EZAFTPDC

EZY2726I**Using traditional Chinese translation tables in *filename***

Explanation

The FTP server is using the indicated Chinese translation table.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDC

EZY2727E	Unable to load traditional Chinese translation tables in <i>filename</i>; return code: <i>code</i>
-----------------	---

Explanation

The FTP server cannot open the indicated Chinese translation table. Possible return codes are:

- 1** No storage for the translation table
- 2** Unable to find the translation table header
- 3** Error reading the file

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated by the return code displayed in this message.

Module

EZAFTPDC

EZY2728E	Unable to load traditional Chinese translation tables.
-----------------	---

Explanation

The FTP server cannot open the indicated Chinese translation table.

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the Chinese translation table is properly specified and in storage accessible to the FTP server.

Module

EZAFTPDC

EZY2790E	Invalid format data set name "<i>dsn</i>". Dcbdsn parameter ignored.
-----------------	---

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *dsn*, was not a valid MVS data set name. The DCBDSN keyword is ignored. The FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Correct the DCBDSN data set name in the FTP.DATA file. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2792E	Error retrieving "<i>data_set</i>". Dcbdsn parameter ignored.
-----------------	--

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, was migrated, and the server was unable to recall the data set. The keyword is ignored. The FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Determine why the data set cannot be recalled and correct the error.

System programmer response

Assist the user as necessary.

Module

EZAFTPRU

EZY2793E	"data_set" is migrated and noautorecall is specified. Dcbdsn parameter ignored.
-----------------	--

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, was migrated and No Autorecall had also been specified. The server was unable to recall the data set. The keyword is ignored. The FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Change the FTP.DATA file or the FTP server start procedure to specify Autorecall; or recall the data set prior to starting the FTP server (note that the data set must then not be migrated at any point while the FTP server is active); or change the data set specified for the DCBDSN keyword to a data set that is not migrated. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2794E	Error mounting "data_set". Dcbdsn parameter ignored.
-----------------	---

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, was on an unmounted volume. The server encountered an error attempting to mount the volume. The keyword is ignored and the FTP server continues processing with the next keyword.

System action

FTP continues.

Operator response

Determine why the volume could not be mounted and correct the error.

System programmer response

Assist the user as necessary.

Module

EZAFTPRU

EZY2795E	Volume for "data_set" is not mounted and noautomount is specified. DCBDSN parameter ignored.
-----------------	---

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, was on an unmounted volume and NO AUTOMOUNT had also been specified. The server was unable to mount the volume. The keyword is ignored and the FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Contact the system programmer to change the settings of the FTP.DATA file. If necessary, mount the volume containing the DCBDSN data set.

System programmer response

Change the FTP.DATA file or server job start options to allow Automount; mount the volume containing the DCBDSN data set (note that the volume must then remain mounted for the duration of the FTP server job); or change the DCBDSN parameter to specify a data set that is on a mounted volume. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2796E Data set "*data_set*" does not exist. Dcbdsn parameter ignored.

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, did not exist. The keyword is ignored and the FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Correct the FTP.DATA file to specify an existing data set for the DCBDSN keyword. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2797E "*data_set*" is not on a direct access volume. Dcbdsn parameter ignored.

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, was not located on a direct access volume. The keyword is ignored and the FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Notify the system programmer.

System programmer response

Change the DCBDSN parameter of the FTP.DATA file to specify a data set that is on a direct access volume. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2798E "data_set" is a VSAM data set. Dcbdsn parameter ignored.

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, was a VSAM data set and could not be used as a model data set. The keyword is ignored and the FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Contact the system programmer to change the settings of the FTP.DATA file.

System programmer response

Change the DCBDSN keyword in the FTP.DATA file to specify a non-VSAM data set. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2799E "data_set" invalid dsorg. Dcbdsn parameter ignored.

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, had an incorrect data set organization and could not be used as a model data set. The keyword is ignored and the FTP server continues with the next keyword.

System action

FTP continues.

Operator response

Contact the system programmer to change the settings of the FTP.DATA file.

System programmer response

Change the DCBDSN keyword in the FTP.DATA file to specify a data set with a valid data set organization (PS or PO). See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2800E

Error locating file "*data_set*". Dcbdsn parameter ignored.

Explanation

The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, *data_set*, could not be located. The keyword is ignored and the FTP server continues with the next keyword.

System action

FTP continues.

Operator response

If the data set exists, determine why the server was unable to locate it, and correct the error. If necessary, contact the system programmer to change the settings of the FTP.DATA file.

System programmer response

Change the DCBDSN keyword in the FTP.DATA file to specify a valid data set. See the [z/OS Communications Server: IP Configuration Reference](#) for information on the parameters of the FTP.DATA file.

Module

EZAFTPRU

EZY2830I

Using simplified Chinese translation tables in *filename*

Explanation

The FTP server is using the indicated simplified Chinese translation table.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDC

EZY2831E

Unable to load simplified Chinese translation tables in *filename*; return code: *code*

Explanation

The FTP server cannot open the indicated simplified Chinese translation table. Possible return codes are:

- 1** No storage for the translation table
- 2** Unable to find the translation table header
- 3** Error reading the file

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Respond as indicated by the return code displayed in this message.

Module

EZAFTPDC

EZY2832E	Unable to load simplified Chinese translation tables.
-----------------	--

Explanation

The FTP server cannot open the indicated simplified Chinese translation table.

System action

FTP continues.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the simplified Chinese translation table is properly specified and in storage accessible to the FTP server.

Module

EZAFTPDC

Chapter 5. EZY3xxxx messages

EZY3720I

f=number d=number rl=hexvalue rdl=number pdh=number pdl=number

Explanation

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

print_request_parms

EZY3721I

rc=number err=number rpl=hexvalue rpb=hexvalue rpbl=number

Explanation

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

print_request_parms

EZY3722I***string hexvalue xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx*****Explanation**

Hexadecimal display of information starting at storage address *hexvalue*. This display is generated by a call to the `prntdata` function. The *string* value is supplied by the caller to identify this output. If more than 16 bytes of data are displayed, message EZY3723I is used for additional lines.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

`prntdata`

EZY3723I***string xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx*****Explanation**

Hexadecimal storage display generated by a call to the `prntdata` function. This format is used for subsequent lines after message EZY3722I until the requested amount of data is displayed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

`prntdata`

EZY3724I***descarray is at addr, size is bytes bytes***

Explanation

This indicates the address and size of the socket descriptor array.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

alloc_global_fdsets

EZY3725I descarray has *number* entries, entry size is *bytes*

Explanation

This indicates the number of socket descriptor entries and the size of the entries that appear in the IUCV socket descriptor table.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

alloc_global_fdsets

EZY3726I iucvdesc is at *addr*

Explanation

The IUCV descriptor structure is located at the address in this message. This is the location of extra storage for IUCV socket information.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

alloc_global_fdsets

EZY3727I in nextbuf with *function type*

Explanation

The function descarray_nextbuf has been called with a type argument other than receive, send, read, accept, or write. The function descarray_nextbuf issues this message and returns -1.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_nextbuf

EZY3728I data pending=*data*, fd=*descriptor*, path=*path*, iptype=*type (status)*

Explanation

This indicates the pointers to the number of input buffers left to be read, the file descriptor, the IUCV path ID, the IUCV parameter list status type, and the actual status.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_iucv_receive

EZY3729I *fd=descriptor iucvselect now TRUE*

Explanation

This indicates the file descriptor and that at least one AF_IUCV descriptor is in the caller's mask.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_select

EZY3730I *fd=descriptor inetselect now TRUE*

Explanation

This indicates the file descriptor and that at least one AF_INET descriptor is in the caller's mask.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_select

EZY3731I IUCV interrupt from TCPIP,

Explanation

This message is issued when debugging is requested (a trace socket statement appears in the tcpip.data configuration file). It is issued along with message EZY3732X to indicate that an IUCV interrupt has been received from TCPIP.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3732X *fd=descriptor, path=path, type=type (string)*

Explanation

This message is concatenated to EZY3731I and indicates the file descriptor, the path ID, the numeric value of the interrupt type, and the symbolic type of external interrupt.

System action

TCPIP continues

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3733E *userid severed IUCV path.*

Explanation

The indicated user severed the IUCV path. The TCP connection corresponding to each stream socket is reset.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3734E *userid severed IUCV path. Reason .ipuser.field*

Explanation

The indicated userid severed the IUCV path. This occurs only in the case of shutdown or an unexpected error. The ipuser field in the SEVER external interrupt indicates the reason for the sever. The reason is in EBCDIC. The possible reason codes and explanations appear in [z/OS Communications Server: IP Programmer's Guide and Reference](#).

System action

The system action depends on the type of error that occurred.

Operator response

None.

System programmer response

See z/OS Communications Server: IP Programmer's Guide and Reference to determine the reason for this error and to correct the error. If the error is the result of an error in TCPIP, contact the IBM Software Support Center.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3735I	IUCV interrupt, fd=<i>descriptor</i>, path=<i>path</i>, type=<i>type (string)</i>
-----------------	--

Explanation

This message is issued when socket tracing is requested and indicates an IUCV interrupt of the indicated type number (name) occurred for the file descriptor and path ID specified.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3736S	Had a rejected message completion, msg lost
-----------------	--

Explanation

An IUCV interrupt denoting “rejected message” was received; the message is lost.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3737W**Sever Pending Connection from *addrspace* for *application***

Explanation

An IUCV interrupt was received for a socket that does not exist. The connection to the indicated TCPIP address space is severed.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3738W**Sever Pending Connection, no user data**

Explanation

The pending connection of the IUCV path to the TCPIP address space has been severed. No user data is available for the connection.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

descarray_save_iucvbuf

EZY3739W

Message Complete audit field: *value.value.value*

Explanation

An IUCV interrupt occurred with nonzero audit data. This signifies an error was detected after the IUCV operation was requested. The values in the message indicate more specific details about the type of error.

System action

Error return will be indicated by the socket function invoked.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the traces and the dump.

Module

CMIUCSOC

Procedure name

check_audit

EZY3740I

Rc=code on IUCV_function fd=descriptor, buf (ipbfadr2) is at address

Explanation

This message appears during a request to get the next IUCV buffer if socket tracing is in effect. The return code from the IUCV_NEXTBUFFER function, the IUCV function, the file descriptor, and the address of the buffer for the request are displayed.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

doiucv

EZY3741I	<i>Rc=code on IUCV_function to id fd=descriptor, path=path, iprcode=iprcode, ipmsgid=hexid, iucvname=string</i>
-----------------	--

Explanation

This message displays information about an IUCV function including:

- Return code
- Function name
- User ID of the TCPIP address space
- File descriptor
- Path ID
- The isolated pacing response (IPR) code
- The message ID from the function
- IUCV name or descriptor name

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

doiucv

EZY3742I	<i>ciucv_data area (ipbfadr2) is at address</i>
-----------------	--

Explanation

The IPBFADR2 data area is at the location pointed to by the address in the message.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

doiucv

EZY3743I	Caught a REPLY after PURGE
-----------------	-----------------------------------

Explanation

A reply external interrupt occurred after the IUCV_PURGE function. This message is generated only when socket tracing is in effect. IUCV ignores the reply.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

doi:10.1371/journal.pone.0142011

EZY3744E	Rc=code on IUCV_function to id, path=path, iprcode=code, iucvname=name
----------	--

Explanation

This message displays information about an unsuccessful IUCV function including:

- Return code
- Function name
- User ID of the TCPIP address space
- Path ID
- The isolated pacing response (IPR) code
- IUCV name or descriptor name

This message appears when socket tracing is not in effect (when socket tracing is specified, other messages convey the same information as this one, therefore this message is not generated.)

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

CMIUCSOC

Procedure name

doiucv

EZY3745E

Should not be in sock_request_iucv for *function*,

Explanation

The sock_request_iucv routine should not have been called for the function indicated in this message. IUCV returns a -1 return code and an error to indicate that an incorrect file number was detected.

System action

TCPIP continues.

Operator response

None.

System programmer response

This is an internal error. Contact the IBM Software Support Center to report the error.

Module

CMIUCSOC

Procedure name

sock_request_iucv

EZY3746I

sock request_inet entry parms:

Explanation

This message precedes the list of parameters that are being used for the sock_request_inet routine, the routine that sends an INET socket request.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

sock_request_inet

EZY3747I

sock_request_inet returns EIBMIUCVERR

Explanation

The sock_request_inet routine encountered an error while trying to send an INET socket request. This message has additional text concatenated to it that gives more information about the circumstances where the error occurred.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

sock_request_inet

EZY3748X

after check_and_establishiucv() err

Explanation

This message is concatenated to message EZY3747I. The current IUCV path has been severed. The socket application attempted to establish a new path, but was not successful. The application sets the error number parameter to indicate an IUCV error, and the return code to indicate no path ID.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

sock_request_inet

EZY3750X

after doiucv() err

Explanation

This message is concatenated to message EZY3747X. An error occurred when IUCV sent an INET socket request to TCPIP.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

sock_request_inet

EZY3752X

due to bad irpt

Explanation

This message is concatenated to message EZY3747X. An error occurred when an IUCV interrupt was received. Information in the interrupt buffer does not match what was expected.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

sock_request_inet

EZY3754X

after check_audit()

Explanation

This message is concatenated to message EZY3747I. The check_audit routine checked the audit field of an IUCV interrupt and the field indicated an error occurred during the interrupt. The return code and errno value provide more information about the error. IUCV returns the return code and errno value in the parameter list.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

sock_request_inet

EZY3755I

sock_request_inet return parms:

Explanation

These are the parameters that the sock_request_inet routine returns upon completion. If an error occurred during this routine, the return code and errno will appear in this parameter list.

This message is part of the socket trace used for problem analysis and can be generated by specifying **trace socket** in the TCPIP.DATA configuration file.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

sock_request_inet

EZY3756I

flush_dgram: about to call sock_request(), totlenbufferlength

Explanation

The sock_request function is to be called, with a buffer of the length indicated in the message. This call will transmit all locally buffered datagrams to TCPIP. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_send

EZY3757I

sending iovcnt=*number*

Explanation

This is the number of datagrams being sent for a socket request. Message EZY3758I will be generated for each of these datagrams. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_send

EZY3758I

theiovs [*number*].iov_base= *number*.iov_len=*length* data=

Explanation

The iovec structure fields (address and length of a datagram) is displayed, followed by the first 50 bytes of the datagram in hexadecimal format. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_send

EZY3774I**fd=descriptor in callers rmask**

Explanation

This message identifies a file descriptor set in the caller's read mask. The message will be issued once for each file descriptor that is set in the read mask. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3775I**fd=descriptor unallocated**

Explanation

The indicated file descriptor is not allocated, but it was specified in a read, write, or exception mask supplied by an application as an argument to a select function. This message is generated only when socket tracing is in effect. The select function returns an error to indicate an incorrect file number.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3776I**fd=descriptor in callers wmask**

Explanation

This message identifies the file descriptors set in the caller's write mask. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3777I **fd=descriptor in callers emask**

Explanation

This message identifies the file descriptors set in the caller's exception mask. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3778I **Select would cause deadlock**

Explanation

The arguments to select specified nothing (no file descriptor, no time-out, etc.) that could be or become ready, therefore an attempt to perform this select function would never return. Error code EDEADLK is returned to caller.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3779I in inetselect**Explanation**

The status of the AF_INET descriptors in the inetselect mask is being checked (an interaction with TCPIP will occur). This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3780I in inetselect iucverror**Explanation**

The socket IUCV path to the TCPIP address space no longer exists. (This might occur if TCPIP is unsuccessful, or is intentionally stopped, for example.) This message is generated only when socket tracing is in effect. Error code -1 is generated by the select function called by the application.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3781I waitvalue of 0 secs to TCPIP

Explanation

A select function has already determined a selected AF_IUCV descriptor is ready. It is forcing a wait time of zero when contacting TCPIP to learn whether any selected AF_INET descriptor is also ready. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3782I in iucvselect, iucvnfds=*numberfds*

Explanation

This message indicates the number of ready AF_IUCV file descriptors found in the select mask. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3783I	user specified <i>seconds s micro-seconds ms</i> wait
-----------------	--

Explanation

The user requested the specified time-out value in a call to a select function. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3784I	issue stimer now
-----------------	-------------------------

Explanation

A select function was called with a time-out argument, but no AF_INET descriptors in the selection mask and no other selected descriptors ready. Therefore, the select function will use STIMER to measure the wait time locally. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3785I**do not issue stimer****Explanation**

A select function was called with a time-out value of zero. No selected descriptor is ready, and no wait will be performed. The select function sets the user file descriptor masks to zero (no descriptor is ready) and returns a zero return code. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3786I**wait forever, null ptr to timeval****Explanation**

A select function has been called with NULL as the time-out argument. No selected descriptor is currently ready, therefore the socket application will wait until a descriptor becomes ready (or the specified ECB is posted, if selectex was called). This message is generated only when socket tracing is in effect.

System action

The application waits until the wanted action occurs.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3787I

wait ecblist=*list*, ecbcount=*count*

Explanation

Displays the address of the ECB list, and the number of ECBs in this list, that will be used by a select function to wait for an event to occur. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3788I

iucvposted=*iucv*, waitposted=*wait*, callposted=*call*

Explanation

Describes the result of the WAIT operation described by message EZY3787I, specifically indicating the posted status of the ECB used for IUCV interrupts (iucvposted), the ECB used for timer interrupts (waitposted), and the ECB supplied by the calling application (callposted). This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

Explanation

A select function is processing an IUCV interrupt. If the interrupt indicates a message complete from TCPIP, IUCV merges the AF_IUCV file descriptor sets with the AF_INET file descriptor sets returned by TCPIP. If there are AF_IUCV descriptors in the caller's masks, any IUCV interrupt selected by the caller's mask completes the request and the caller's mask is set accordingly. If an AF_IUCV interrupt is received for a descriptor not in the caller's mask, the select function continues waiting. This message is generated only when socket tracing is in effect.

System action

The application's action depends on the specific case. See the explanation for more information. TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

Explanation

A select function found at least one AF_IUCV descriptor in the caller's masks, and an IUCV interrupt occurred on an AF_IUCV path. Assignment of TRUE to the variable iucvcomp causes later code to check whether this IUCV interrupt satisfies the select condition. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3791I

in gotmsgcomp

Explanation

This indicates that select received a Message Complete interrupt from TCPIP (because one of the AF_INET descriptors identified by the select function's caller is ready) and is about to proceed accordingly. Select adds any AF_IUCV descriptors that are ready to the AF_INET ready descriptors in the mask, and continues. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3792I

nfds=value, return=value

Explanation

Displays the number of AF_IUCV descriptors that are ready (nfd) and the total number of ready descriptors (return), which is the value returned by select. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3793I**must wait for TCPIP****Explanation**

This indicates that a select function must wait for a reply to its message to TCPIP before it can complete. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3794I**in iucvcom && iucvselect****Explanation**

A select function is ending because an AF_IUCV descriptor has become ready before any AF_INET descriptor or other action that would end the select (for example, time-out or ECB posting). This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3795I**in wait posted**

Explanation

A select function is ending because the time-out value specified by the caller has expired. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3796I in wait posted iucvselect

Explanation

A select function's time-out period has expired (this message follows message EZY3795I) and the selection mask includes one or more AF_IUCV descriptors. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3797I callers ECB posted

Explanation

A select function is ending because the ECB identified by the caller has been posted, rather than any of the specified descriptors becoming ready. Select sets the caller's masks to zero and returns a zero return code.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

common_select

EZY3818I Your *dataset* has enabled debug.

Explanation

Debugging has been requested by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

ReadProf

EZY3819I Your *dataset* has enabled TESTSTOR.

Explanation

The TESTSTOR function has been requested by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

ReadProf

EZY3820I Your *dataset* has disabled TESTSTOR.

Explanation

The TESTSTOR function has been turned off by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

ReadProf

EZY3821I	TESTSTOR is enabled.
----------	----------------------

Explanation

The TESTSTOR function is active and will check the validity of storage addresses provided as arguments in calls to socket functions. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

ReadProf

EZY3822I **TESTSTOR is not enabled.**

Explanation

The TESTSTOR function is not active. This message is generated only when socket tracing is in effect.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

CMIUCSOC

Procedure name

ReadProf

EZY3950X **No error**

Explanation

This message indicates normal completion, no Inter-User Communication Vehicle (IUCV) error is found. The socket call is successful.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY3951X

Invalid Path-id

Explanation

The path ID in an IUCV operation is incorrect. The socket call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3952X

Path is quiescent

Explanation

The IUCV path used in a send operation has been quiesced by the receiver. No messages can be sent on this path until the receiver has performed a resume operation.

System action

The socket call continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error.

After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPIPCERROR

Procedure name

tcperror

EZY3953X

Msg limit Exceeded

Explanation

The maximum number of IUCV messages has already been queued for the receiver on the path over which a new message send request has been made. The IUCV message is discarded. An error return is generated by the socket function the application called.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPIPCERROR

Procedure name

tcperror

EZY3954X

Priority msg not allowed on this path

Explanation

The IUCV CONNECT parameter for the connection listed priority = NO, so no priority messages are allowed on this path. The message is discarded.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3955X**Reply too big**

Explanation

An IUCV SEND operation specified a reply was required, but the length of the reply sent by the message recipient exceeded the size of the answer buffer provided by the message sender for this reply.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3956X**Fetch Protection Exception on answer buffer**

Explanation

The address specified for the reply message by an IUCV REPLY operation points to an address in storage that is fetch protected.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3957X**Addressing Exception on answer buffer**

Explanation

The pointer to the reply buffer specified in an IUCV operation is incorrect or null.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3958X**Conflicting msg class/path/msgid**

Explanation

This message indicates one of three conditions:

- an unrecognized socket call constant was found in the high-order halfword of the target message class (TRGCLS) keyword.
- conflicting path ID

- conflicting message ID

IUCV operation is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3959X	Msg was purged
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Explanation

An IUCV REPLY was performed for a message that has been purged by the sender. The reply message is discarded.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

Explanation

The buffer length (BUFLen) or data length (PRMMSG) is negative and is therefore an incorrect parameter for an IUCV operation. The IUCV call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPIERROR

Procedure name

tcperror

Explanation

The target communicator specified for an IUCV CONNECT function does not exist. The IUCV call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPIERROR

Procedure name

tcperror

EZY3962X**Target userid not enabled for IUCV**

Explanation

The target communicator specified for an IUCV CONNECT function has not enabled IUCV operations. The IUCV call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPEERROR

Procedure name

tcperror

EZY3963X**Exceeded number of paths (this side)**

Explanation

You have exceeded the maximum of 255 simultaneous connections allowed under IUCV. The connection is not established.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3964X

Exceeded number of paths (other side)

Explanation

The target communicator has exceeded the maximum of 255 simultaneous connections allowed under IUCV. The IUCV call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3965X

Not authorized

Explanation

You are not authorized to establish an IUCV connection with the remote user's address space. The IUCV call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error.

After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3967X	Invalid function code
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Explanation

Unknown function specified for IUCV operation. No operation is performed.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3968X	Msg limit exceeds 255
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Explanation

The message limit specified for an IUCV CONNECT operation is too large. The IUCV CONECT operation is ignored.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3969X	Buffer already declared
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Explanation

An IUCV buffer had already been declared, the first step in initializing for IUCV operations, when another IUCV DECLARE BUFFER request was made.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3970X	Path was severed by other side
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Explanation

The IUCV partner has severed the path for which an IUCV ACCEPT function is requested. The ACCEPT function is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3971X

Cannot accept data in parmlist

Explanation

An IUCV SEND operation specifying data to be delivered in the parameter list could not be performed because the CONNECT operation that established the IUCV path to be used for the SEND operation did not specify that data could be delivered in the parameter list. The IUCV operation is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3972X

SEND buffer list is invalid

Explanation

The send buffer list data is incorrect or null. The IUCV operation is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3973X**Negative length in answer list**

Explanation

The length specified in the IUCV socket call for the buffer list (BUFLEN) is negative. The socket call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3974X**Total list length is invalid**

Explanation

A buffer list was specified for an IUCV SEND or REPLY operation, and the total message length specified does not match the sum of the individual lengths of the message pieces in the buffer list. The IUCV call ends.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3975X

PRMSG and BUF/ANSLIST conflict

Explanation

The PRMSG option is not allowed when you specify ANSLIST = YES. The message is not sent.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

Explanation

The buffer list for an IUCV call must begin on an appropriate boundary in storage. The IUCV call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

Explanation

The answer list for an IUCV call must begin on an appropriate boundary in storage. Like the BUFLIST field (see message EZY3976X), the ANSLIST must begin on a double-word boundary. The IUCV call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3978X

Must create control buffer

Explanation

An attempt was made to perform an IUCV operation, such as CONNECT, on a control path but no DECLARE BUFFER has been issued for control paths. All IUCV operations default to application path.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPIPEROR

Procedure name

tcperror

EZY3985E

Bad socket-call constant (EIBMBADCALL)

Explanation

An incorrect socket-call constant was found in the IUCV header, such as a code that refers to a non-existent socket function. The socket call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

Correct the arguments in the socket call. For details, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY3986E

Bad parm (EIBMBADPARM)

Explanation

One of the parameters specified in the socket call is incorrect. The socket call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

Correct the offending parameter descriptor. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY3987E

Socket out of range (EIBMSOCKOUTOFRANGE)

Explanation

The socket descriptor is outside the range accepted for the IBM implementation of sockets. The socket call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

Change the socket descriptor for the IBM socket to an acceptable value. For details, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY3988E

Socket in use (EIBMSOCKINUSE)

Explanation

The socket number assigned by the client application for accept, socket, or takesocket call is already in use. The socket call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

Create a new accept, socket, or takesocket call for the application. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIRROR

Procedure name

tcperror

EZY3989E

IUCV error (EIBMIUCVERR)

Explanation

The request failed due to an IUCV error. This error is generated by the client stub code. The socket call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

Use the IUCV error message that appears directly after this message to aid in determining the nature of the error. For more information about IUCV sockets, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY3993E

Conflict with other call on socket (EIBMCONFLICT)

Explanation

A previous function on the same socket has not completed and the present call is not of a type that can be processed or queued until the previous operation completes. The present call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3994E

Call canceled (EIBMCANCELLED)

Explanation

A close() call has been issued by either the server or the client.

System action

If the socket is closed when input data is queued, the TCP connection is reset rather than being cleanly closed.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error.

If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY3996E	A TCP/IP name that is not valid was detected (EIBMBADTCPNAME)
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Explanation

A TCP/IP name that was not valid was detected. The socket call is unsuccessful.

System action

TCPIP continues.

Operator response

None.

System programmer response

The system derives the TCP/IP value from the configuration file, as described in the [z/OS Communications Server: IP Configuration Reference](#). Correct the TCPIPJOBNAME value defined in the TCPIP.DATA file that is allocated to the job.

Module

TCPERROR

Procedure name

tcperror

EZY3997E	TSRB request code is invalid (EIBMBADREQUESTCODE)
-----------------	--

Explanation

A request code that was not valid was detected.

System action

TCP/IP continues.

Operator response

None.

System programmer response

Correct the arguments in the socket call. For details, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

Chapter 6. EYZ4xxxx messages

EYZ4000E

**A connection token that is not valid was detected.
(EIBMBADCONNECTIONMATCH)**

Explanation

A connection token that is not valid was detected. There is no such connection.

System action

TCP/IP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EYZ4001E

TCPIP Abend (EIBMTCPABEND)

Explanation

An abend occurred in TCP processing of this request.

System action

TCP/IP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY4008E

TCPIP C Socket Abend (EIBMTERMERROR)

Explanation

TCP/IP C Socket encountered a terminating error.

System action

TCP/IP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY4011E

The delete requestor did not create the connection. (EIBMINVDELETE)

Explanation

The request was called from an invalid task.

System action

TCP/IP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY4012E

The connection token validation failed. (EIBMINVSOCKET)

Explanation

Connection token validation failed. The socket does not exist.

System action

TCP/IP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY4013E

Connection Terminated by TCPIP (EIBMINVTCPCONNECTION)

Explanation

A socket connection was terminated by TCP/IP.

System action

TCP/IP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY4021E

TCPIP not installed or not active (EIBMNOACTIVETCP)

Explanation

TCPIP is not installed or not active.

System action

TCPIP not available.

Operator response

Issue a D TCPIP command to determine whether TCPIP is installed. If it is installed, restart TCPIP and reissue the socket call.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4022E

**The requested control block contained data that is not valid.
(EIBMINVTSRBUSERDATA)**

Explanation

The requested control block contained data that is not valid.

System action

TCP/IP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module

TCPERROR

Procedure name

tcperror

EZY4026E

Client received bad post code (EIBMBADPOSTCODE)

Explanation

This message is received by an outstanding (blocked) socket when TCPIP is stopped. It indicates that an application was given a bad post code.

System action

TCPIP ends.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces will provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4050E

No error

Explanation

This message indicates normal completion of a socket call.

System action

TCPIP continues.

Operator response

None.

System programmer response

If the application is correct in detecting that some error occurred, another program has reset the value of `errno` before the call to `tcperror` generated this message. Otherwise, the application logic has incorrectly decided an error occurred, and is calling `tcperror` to display a message when no reason exists to do so.

Module

TCPERROR

Procedure name

tcperror

EZY4051E**Not owner (EPERM)****Explanation**

Permission is denied. The caller does not have correct ownership to perform the requested operation.

System action

The call fails. TCPIP continues.

Operator response

None.

System programmer response

Check the permissions for the data set or directory.

Module

TCPERROR

Procedure name

tcperror

EZY4052E**No such file or directory (ENOENT)****Explanation**

A referenced data set or directory does not exist.

System action

TCPIP continues.

Operator response

None.

System programmer response

Verify the data set or directory name, and correct the reference.

Module

TCPERROR

Procedure name

tcperror

EZY4053E**No such process (ESRCH)****Explanation**

The referenced process or task was not found.

System action

TCPIP continues.

Operator response

None.

System programmer response

Verify the process name, and correct the reference.

Module

TCPIPEROR

Procedure name

tcperror

EZY4054E**Interrupted system call (EINTR)****Explanation**

A function was unable to complete, usually because of conditions having nothing to do with the request itself. This code does not diagnose an error in a request, but reports that the system handling the request found it more convenient to abandon this request than to continue it after some other activity was performed.

System action

TCPIP continues.

Operator response

None.

System programmer response

Repeat the original request.

Module

TCPIPEROR

Procedure name

tcperror

EZY4055E**I/O error (EIO)****Explanation**

Some sort of I/O error occurred while the operation was in progress. This could be a disk error, for example.

System action

TCPIP continues.

Operator response

None.

System programmer response

Make sure that sufficient storage exists for newly-created data sets. Use the appropriate I/O support functions under MVS to isolate the source of the error.

Module

TCPERROR

Procedure name

tcperror

EZY4056E	No such device or address (ENXIO)
-----------------	--

Explanation

The process name or driver name for the socket call is not found.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Verify the local and remote addresses and process names for the socket call. For more information about socket calls, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4057E	Arg list too long (E2BIG)
-----------------	----------------------------------

Explanation

The argument list for the call is too long.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Correct the arguments to the call. Reinitiate the application.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4058E	Exec format error (ENOEXEC)
-----------------	------------------------------------

Explanation

The sequence of calls in the client or server program is incorrect. The socket call cannot be executed as written.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Check the sequence of calls within the application program. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4059E	Bad file number (EBADF)
-----------------	--------------------------------

Explanation

An invalid argument to the socket call was specified. The nature of the error depends on the particular call that triggers it.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Correct the parameters of the appropriate socket call. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPIERROR

Procedure name

tcperror

EZY4060E	No children (ECHILD)
-----------------	-----------------------------

Explanation

No daughter processes exist. Generated by some X-Window System functions.

System action

TCPIP continues.

Operator response

None.

System programmer response

Module

TCPIERROR

Procedure name

tcperror

EZY4061E	No more processes (EAGAIN)
-----------------	-----------------------------------

Explanation

There are no more processes queued to this connection.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4062E	Not enough memory (ENOMEM)
-----------------	-----------------------------------

Explanation

A memory allocation (malloc) call for an operation failed.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Correct the parameters of the appropriate socket call. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4063E	Permission denied (EACCES)
-----------------	-----------------------------------

Explanation

The caller does not have the correct permissions to perform the requested operation.

System action

The request fails. TCPIP continues.

Operator response

None.

System programmer response

Correct the parameters of the appropriate socket call. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4064E **Bad address (EFAULT)**

Explanation

An incorrect storage address or length was specified in the socket call. The following list displays some of the possible function calls that might return this error value:

Call	Explanation
accept	Using ADDR and ADDRLEN would result in an attempt to copy the address into a portion of the caller's address space into which information cannot be written.
bind	Using NAME and NAMELEN would result in an attempt to copy the address into a nonwritable portion of the caller's address space.
connect	Using NAME and NAMELEN would result in an attempt to copy the address into a portion of the caller's address space into which data cannot be written.
send	Using the MSG and LEN parameters would result in an attempt to access storage outside the caller's address space.
takesocket	Using the CLIENTID parameter as specified would result in an attempt to access storage outside the caller's address space.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this to your application and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4065E **Block device required (ENOTBLK)**

Explanation

An inappropriate kind of I/O device was specified for an operation.

System action

TCPIP continues.

Operator response

None.

System programmer response

Module

TCPIERROR

Procedure name

tcperror

EZY4066E	Device busy (EBUSY)
-----------------	----------------------------

Explanation

This message indicates that listen () has already been called for the socket.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Correct or delete the givesocket() call. Try the task again.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPIERROR

Procedure name

tcperror

EZY4067E	File exists (EEXIST)
-----------------	-----------------------------

Explanation

The specified data set already exists. Your socket call would overwrite it.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Change the write() call.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4068E	Cross-device link (EXDEV)
-----------------	----------------------------------

Explanation

A socket call specified a cross-device link.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Respecify the parameters of the appropriate socket call to prevent the cross-device link.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4069E	No such device (ENODEV)
-----------------	--------------------------------

Explanation

The device pointed to in the givesocket() does not exist.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the client ID parameter in the givsocket() call.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPPERROR

Procedure name

tcperror

EZY4070E	Not a directory (ENOTDIR)
-----------------	----------------------------------

Explanation

The caller specified a non-directory in a directory operation.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the pointer in the socket call parameter.

If you are still unable to determine the cause of the problem, create the problem again with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPPERROR

Procedure name

tcperror

EZY4071E	Is a directory (EISDIR)
-----------------	--------------------------------

Explanation

The caller specified a directory in a non-directory operation.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the pointer in the socket call parameter.

Module

TCPERROR

Procedure name

tcperror

EZY4072E	Invalid argument (EINVAL)
-----------------	----------------------------------

Explanation

The argument specified to the socket call was not valid. The nature of the error depends on the particular call that triggers it. The following list displays some of the possible function calls that might return this error value:

accept

Listen was not called for this socket.

bind

The socket is already bound to an address.

connect

The specified name length is incorrect.

fcntl

Incorrect flags were specified.

givesocket

An incorrect client ID was entered.

ioctl

The request is incorrect or not supported.

select

One of the fields in the time-out structure is incorrect.

sendto

The target address length is incorrect for the specified address family.

shutdown

The shutdown condition is not 0, 1, or 2.

takesocket

The specified client ID is incorrect.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the above table as a guide for the possible conditions under which this error value can occur. Apply this to your application and, correct the parameters of the appropriate socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4073E	File table overflow (ENFILE)
-----------------	-------------------------------------

Explanation

The data set containing the connection table for the TCPIP address space exceeded its maximum size.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Use the `maxdesc()` call to increase the maximum number of sockets from the default value of 47. Then use the `getdtablesize()` call to verify the new maximum. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4074E	Too many open files (EMFILE)
-----------------	-------------------------------------

Explanation

The socket descriptor table is already full. The following list displays some of the possible function calls that might return this error value:

maxdesc

Indicates that `*totdesc` is greater than 2000.

takesocket

The socket descriptor table is already full.

System action

The call stops. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4075E	Inappropriate ioctl for device (ENOTTY)
-----------------	--

Explanation

An incorrect device call was specified in the cmd parameter of the ioctl() call.

System action

The socket call closes. TCPIP continues.

Operator response

None.

System programmer response

Change or delete the ioctl() command for the device. For more information about the ioctl() call, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4076E	Text file busy (ETXTBSY)
-----------------	---------------------------------

Explanation

The text data set pointed to by the call is currently being written to by another process.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Try the socket call again.

Module

TCPERROR

Procedure name

tcperror

EZY4077E	File too large (EFBIG)
-----------------	-------------------------------

Explanation

The data set is too large. The operation caused the data set to grow beyond the server's limit.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Change the protocol or socket type specified in the socket() call. For more information about the socket() call, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4078E	No space left on device (ENOSPC)
-----------------	---

Explanation

Insufficient storage exists on the target device to carry out the operation. The operation caused the server's file system to reach its limit.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the len parameter of the send() call. For more information about the send() call, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4079E**Illegal seek (ESPIPE)****Explanation**

The stream pipe specified in the socket call is not correct.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the read() call parameters. For more information about the read() call, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4080E**Read-only file system (EROFS)****Explanation**

Your application cannot write to the data set specified in the socket call. The data set resides on a read-only file system.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4081E**Too many links (EMLINK)****Explanation**

The host connection queue is already full.

System action

The call is bypassed. TCPIP continues.

Operator response

None.

System programmer response

Try the call again.

Module

TCPERROR

Procedure name

tcperror

EZY4082E**Broken pipe (EPIPE)****Explanation**

One of the stream pipes used to redirect I/O in the socket call has failed.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Perform a SOCKET or IUCV trace to determine where the failure occurred. For more information, see [z/OS Communications Server: IP Diagnosis Guide](#).

Module

TCPERROR

Procedure name

tcperror

EZY4083E**Argument too large (EDOM)**

Explanation

The parameter for the socket call was too large to be a valid argument to the call.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the socket call parameter. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4084E	Result too large (ERANGE)
-----------------	----------------------------------

Explanation

The value returned by the socket call is out of the range of anticipated values.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the socket call parameters as necessary and try the call again.

Module

TCPERROR

Procedure name

tcperror

EZY4085E	Operation would block (EWOULDBLOCK)
-----------------	--

Explanation

The meaning and severity of this message depend on the call that generates it. The following list displays some of the possible function calls that might return this error value:

accept

The socket is in nonblocking mode and connections are not queued. This is not an error condition.

read recvfrom

The socket is in nonblocking mode and read data is not available. This is not an error condition.

send sendto write

The socket is in nonblocking mode and buffers are not available.

System action

The socket call is bypassed. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIERROR

Procedure name

tcperror

EZY4086E**Operation now in progress (EINPROGRESS)****Explanation**

The socket is marked nonblocking and the connection cannot be completed immediately. The following list displays some of the possible function calls that might return this error value:

connect

The socket descriptor **s** is marked nonblocking, and the connection cannot be completed immediately. The EINPROGRESS value does not indicate an error condition.

System action

The socket call is bypassed. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this to your application and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIERROR

Procedure name

tcperror

EZY4087E**Operation already in progress (EALREADY)**

Explanation

The operation specified in the socket call is already in progress. The following list displays some of the possible function calls that might return this error value:

connect

The socket descriptor **s** is marked nonblocking, and a previous connection attempt has not completed.

maxdesc

Your program called maxdesc() after creating a socket, or after a previous call to maxdesc().

System action

The socket call is closed. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4088E**Socket operation on non-socket (ENOTSOCK)**

Explanation

A socket operation was requested on a non-socket. The socket was incorrectly defined.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the socket call parameters.

Module

TCPERROR

Procedure name

tcperror

EZY4089E**Destination address required (EDESTADDRREQ)**

Explanation

A destination address is needed for the socket call to complete.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Add the destination address to the socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4090E**Message too long (MSGSIZE)**

Explanation

The message length specified in the sendto call is too large. The maximum is 32,767. The following list displays some of the possible function calls that might return this error value:

sendmsg

The message was too big to be sent as a single datagram. The default is large-envelope-size.

sendto

The message was too big to be sent as a single datagram. The default is large-envelope-size.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more

information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4091E

Protocol wrong type for socket (EPROTOTYPE)

Explanation

The specified protocol is incorrect for this socket type.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Change the protocol parameter for the socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4092E

Option not supported by protocol (ENOPROTOOPT)

Explanation

The socket option specified is incorrect for the protocol type or the level is not SOL_SOCKET. The following list displays some of the possible function calls that might return this error value:

getsockopt

The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.

setsockopt

The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.

getibmssockopt

The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.

setibmssockopt

The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4093E	Protocol not supported (EPROTONOSUPPORT)
-----------------	---

Explanation

The protocol specified in the socket call is not supported by the address domain or the socket type. The following list displays some of the possible function calls that might return this error value:

socket

The PROTOCOL is not supported in this domain, or this PROTOCOL is not supported for this socket type.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4094E	Socket type not supported (ESOCKTNOSUPPORT)
-----------------	--

Explanation

The socket type specified in the socket call is not supported.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Change the type parameter in the socket() call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIERROR

Procedure name

tcperror

EZY4095E	Operation not supported on socket (EOPNOTSUPP)
-----------------	---

Explanation

The selected socket is not a stream socket. The following list displays some of the possible function calls that might return this error value:

accept

The s parameter is not of type SOCK_STREAM.

givesocket

The socket type is not SOCK_STREAM.

listen

The s parameter is not a socket descriptor that supports the listen() call.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIERROR

Procedure name

tcperror

EZY4096E	Protocol family not supported (EPFNOSUPPORT)
-----------------	---

Explanation

The protocol specified in the socket call is not supported by the address family specified. The following list displays some of the possible function calls that might return this error value:

getclientid

The domain is not AF_INET.

takesocket

The domain field of the CLIENTID parameter is not AF_INET.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIERROR

Procedure name

tcperror

EZY4097E	Address family not supported by protocol family (EAFNOSUPPORT)
-----------------	---

Explanation

The address family specified in the socket call is not supported by the protocol specified. It must be either AF_IUCV or AF_INET. The protocol field must be set to 0 if the domain parameter is set to AF_IUCV. The following table displays some of the possible function calls that might return this error value:

bind

The address family is not supported (it is not AF_IUCV or AF_INET).

connect

The address family is not supported.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more

information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPEERROR

Procedure name

tcperror

EZY4098E

Address already in use (EADDRINUSE)

Explanation

The bind() call cannot bind the address specified to the socket with descriptor s because the address is already in use. The following table displays some of the possible function calls that might return this error value:

bind

The address is already in use. See the SO_REUSEADDR option described under getsockopt() and the SO_REUSEADDR option described under setsockopt() in the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for more information. This error will also occur if the port specified on the bind has been configured as RESERVED in a TCP/IP profile port reservation statement.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPEERROR

Procedure name

tcperror

EZY4099E

Can't assign requested address (EADDRNOTAVAIL)

Explanation

Either the address specified in the socket call is incorrect for the bind() call or the calling host cannot reach the address specified in the connect() call. The following list displays some of the possible function calls that might return this error value:

bind

The address specified is not valid on this host. For example, the internet address does not specify a valid network interface.

connect

The calling host cannot reach the specified destination.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters for the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIERROR

Procedure name

tcperror

EZY4100E	Network is down (ENETDOWN)
-----------------	-----------------------------------

Explanation

The host network is down.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Try the application again when the host network restarts.

Module

TCPIERROR

Procedure name

tcperror

EZY4101E	Network is unreachable (ENETUNREACH)
-----------------	---

Explanation

The network of the address specified in the name parameter of the connect() call cannot be reached from this host. The following list displays some of the possible function calls that might return this error value:

bind

The network cannot be reached from this host.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4102E **Network dropped connection on reset (ENETRESET)****Explanation**

The connection was dropped when the socket was reset.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Try the socket call again.

Module

TCPERROR

Procedure name

tcperror

EZY4103E **Software caused connection abort (ECONNABORTED)****Explanation**

The application program caused the connection to abend.

System action

The socket call ends. TCP/IP continues.

Operator response

None.

System programmer response

Use `sock_debug()` to determine why the connection abended. For more information about tracing and debugging socket calls, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4104E **Connection reset by peer (ECONNRESET)**

Explanation

If a stream socket is closed by the remote process while there is input data queued, the TCP connection is reset rather than being cleanly closed.

System action

The connection is reset.

Operator response

None.

System programmer response

The socket call is suspended.

Module

TCPERROR

Procedure name

tcperror

EZY4105E **No buffer space available (ENOBUFS)**

Explanation

The specific meaning of this message depends on the call that triggers it. The following list displays some of the possible function calls that might return this error value:

- all** No buffer space is available.

accept

Not enough buffer space is available to create the new socket.

send sendto write

Not enough buffer space is available to send the new message.

takesocket

There is a socket control block (SCB) or socket interface control block (SKCB) shortage in the TCPIP address space.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPEERROR

Procedure name

tcperror

EZY4106E	Socket is already connected (EISCONN)
-----------------	--

Explanation

The socket specified by the socket descriptor, s, in the connect() call is already in use. The following list displays some of the possible function calls that might return this error value:

Call	Explanation
connect	The socket descriptor s is already connected.

System action

The socket call continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4107E

Socket is not connected (ENOTCONN)

Explanation

The socket specified by the descriptor, d, in the givesocket() call is not connected. The following list displays some of the possible function calls that might return this error value:

getpeername

The socket is not in the connected state.

givesocket

The socket is not connected.

System action

The call is unsuccessful.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4108E

Can't send after socket shutdown (ESHUTDOWN)

Explanation

A send() call cannot be carried out after a shutdown() call.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Rewrite the socket call so that the shutdown() follows the send(). The only call that can follow the shutdown() is the close() for the socket.

Module

TCPERROR

Procedure name

tcperror

EZY4109E	Too many references: can't splice (ETOOMANYREFS)
-----------------	---

Explanation

A socket call had too many references. The splice could not be completed.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Rewrite the socket call to reduce the number of references.

Module

TCPERROR

Procedure name

tcperror

EZY4110E	Connection timed out (ETIMEDOUT)
-----------------	---

Explanation

The connection time to live expired before the socket call was completed. The following list displays some of the possible function calls that might return this error value:

connect

The connection establishment timed out before a connection was made.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4111E	Connection refused (ECONNREFUSED)
-----------------	--

Explanation

The connection request was rejected by the remote server. The following table displays some of the possible function calls that might return this error value:

connect

The connection request was rejected by the destination host.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4112E	Too many levels of symbolic links (ELOOP)
-----------------	--

Explanation

A pointer for a socket call parameter has too many levels of symbolic links for TCP to handle the call.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Redefine the pointer for the socket call parameter in such a way that it has fewer levels of symbolic links.

Module

TCPERROR

Procedure name

tcperror

EZY4113E	File name too long (ENAMETOOLONG)
-----------------	--

Explanation

The data set name pointed to by the socket call is too long to be handled by TCPIP. The maximum number of characters is 248.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Change the pointer for the socket call parameter so that the data set pointed to has a shorter name.

Module

TCPERROR

Procedure name

tcperror

EZY4114E	Host is down (EHOSTDOWN)
-----------------	---------------------------------

Explanation

The host machine is down.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Try the call again after the host restarts.

Module

TCPIPCERROR

Procedure name

tcperror

EZY4115E	Host is unreachable (EHOSTUNREACH)
-----------------	---

Explanation

A connection to the host machine cannot be established.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Ensure that there is a network path to the specified host and that the host name is valid. If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces will provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPIPCERROR

Procedure name

tcperror

EZY4116E	Directory not empty (ENOTEMPTY)
-----------------	--

Explanation

The caller attempted to remove a directory that was not empty.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4117E	Too many processes (EPROCLIM)
-----------------	--------------------------------------

Explanation

Too many processes are running on the system.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Rewrite the socket call so as to close some of the active processes. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4118E	Too many users (EUSERS)
-----------------	--------------------------------

Explanation

Too many users are on the system.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Try the socket call again.

Module

TCPERROR

Procedure name

tcperror

EZY4119E**Disc quota exceeded (EDQUOT)**

Explanation

The client's disk quota on the server has been exceeded.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Change the len parameter of the write() call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4120E**Stale NFS file handle (ESTALE)**

Explanation

The Network File System (NFS) is unable to mount the MVS data set because the file handle that points to the data set no longer exists, or access to it has been revoked. Under NFS, each data set is referenced by the client through a file handle, which is a 32-bit identifier field.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the MOUNT command to update the data set handle. For more information about NFS, see [z/OS Network File System Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4121E**Too many levels of remote in path (EREMOTE)**

Explanation

The address structure pointed to by the socket call has too many levels of remote qualifiers.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Modify the address or name parameter for the socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4122E**Not a stream device (ENOSTR)**

Explanation

A stream socket type was declared in the socket() call, but the remote device cannot transfer stream data.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Change the socket type to SOCK_DGRAM in the socket() call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPIPROR

Procedure name

tcperror

EZY4123E**Timer expired (ETIME)**

Explanation

The timer for the socket call expired. The maximum interval to wait for completion was exceeded.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

If this message recurs, modify the timeout parameter of the select() call or change it to a NULL pointer. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4124E **Out of stream resources (ENOSR)**

Explanation

No stream sockets are available to service the socket call.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Try the client application again.

Module

TCPERROR

Procedure name

tcperror

EZY4125E **No message of desired type (ENOMSG)**

Explanation

There is no message of the correct data type for the socket.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4126E **Not a data message (EBADMSG)****Explanation**

The message is a system or network control message.

System action

TCPIP continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4127E **Identifier removed (EIDRM)****Explanation**

The access identifier for the file or data set has been removed.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the mkpriv command to define the user privilege for the data set.

Module

TCPERROR

Procedure name

tcperror

EZY4128E	Deadlock situation detected/avoided (EDEADLK)
-----------------	--

Explanation

A deadlock, the condition that occurs when multiple processes are waiting for the availability of a resource that will not become available because it is held by another process that is in a similar wait state, was detected.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. Review the trace output to determine why the deadlock occurred. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4129E	No record locks available (ENOLCK)
-----------------	---

Explanation

The host system does not provide for the locking of data sets.

System action

The socket call continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4130E**Machine is not on the network (ENONET)**

Explanation

The machine specified in the socket call is not on the host network.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Verify the address information in the socket call and modify as necessary.

Module

TCPERROR

Procedure name

tcperror

EZY4131E**Object is remote (ERREMOTE)**

Explanation

The data set or disk specified is not on the local network.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Correct the address pointer in the socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4132E**The link has been severed (ENOLINK)****Explanation**

The physical connection linking the sockets has been broken at some point.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Try the socket call again.

Module

TCPERROR

Procedure name

tcperror

EZY4133E**Advertise error (EADV)****Explanation**

The path specified in the adv (advertise) or share command is incorrect, and the data set, file, or disk cannot be accessed.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Verify the correct resource name and pathname. Reinitiate the socket call.

Module

TCPERROR

Procedure name

tcperror

EZY4134E**srmount error (ESRMNT)**

Explanation

An error occurred when the Network File System (NFS) server attempted to place the remote file system in the user's data set hierarchy.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Use the mount command (# mount) to mount the remote resource. When you mount a remote resource, it stays mounted only during the current session.

Module

TCPIPEROR

Procedure name

tcperror

EZY4135E**Communication error on send (ECOMM)**

Explanation

A communication error has occurred on a send() call.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. Review the trace output to determine why the error occurred. If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPIPEROR

Procedure name

tcperror

EZY4136E**Protocol error (EPROTO)**

Explanation

A protocol error was detected for the socket call.

System action

The socket call abends. TCPIP continues.

Operator response

None.

System programmer response

Create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPIERROR

Procedure name

tcperror

EZY4137E **Multihop attempted (EMULTIHOP)**

Explanation

The socket call specified a multihop address link. That is, it specified a connection path that omitted some routing information.

System action

The socket call is bypassed.

Operator response

None.

System programmer response

Correct the address parameters for the socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If you are still unable to determine the cause of the problem, create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPIERROR

Procedure name

tcperror

EZY4138E **Cross mount point (not an error) (EDOTDOT)**

Explanation

The file system is mounted from a remote machine.

System action

The socket call continues.

Operator response

None.

System programmer response

None.

Module

TCPERROR

Procedure name

tcperror

EZY4139E**Remote address changed (EREMCHG)****Explanation**

The remote address specified in the socket call has changed.

System action

The socket call ends. TCPIP continues.

Operator response

None.

System programmer response

Verify the remote address and correct the address parameters of the socket call.

Module

TCPERROR

Procedure name

tcperror

EZY4195E**Arg list too long (E2BIG)****Explanation**

The argument list for the call is too long.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Correct the arguments to the call. Reinitiate the application.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4196E	Invalid argument (EINVAL)
-----------------	----------------------------------

Explanation

The argument specified to the socket call was not valid. The nature of the error depends on the particular call that triggers it. The following list displays some of the possible function calls that might return this error value:

Call	Explanation
accept	Listen was not called for this socket.
bind	The socket is already bound to an address.
connect	The specified name length is incorrect.
fcntl	Incorrect flags were specified.
givesocket	An incorrect client ID was entered.
ioctl	The request is incorrect or not supported.
select	One of the fields in the time-out structure is incorrect.
sendto	The target address length is incorrect for the specified address family.
shutdown	The shutdown condition is not 0, 1, or 2.
takesocket	The specified client ID is incorrect.

System action

The socket call ends. TCP/IP continues.

Operator response

None.

System programmer response

Use the information provided in the above table as a guide for the possible conditions under which this error value can occur. Apply this to your application and, correct the parameters of the appropriate socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

Module

TCPERROR

Procedure name

tcperror

EZY4197E**Bad file number (EBADF)**

Explanation

An invalid argument to the socket call was specified. The nature of the error depends on the particular call that triggers it.

System action

The socket call fails. TCPIP continues.

Operator response

None.

System programmer response

Correct the parameters of the appropriate socket call. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4198E**Last IUCV call (*IUCV call*) returned *error number***

Explanation

This message displays the error number returned from the IUCV call. It is usually followed by a message in the range of EZY3950X–EZY3978X that explains the IUCV error.

System action

The system action depends on the nature of the message that follows this one. For more information, see that specific message number.

Operator response

None.

System programmer response

The system action depends on the nature of the message that follows this one. For more information, see that specific message number.

Module

TCPERROR

Procedure name

tcperror

EZY4199E

Unknown errno value=*error number*

Explanation

The error number displayed is not recognized as one of the values used by TCPIP to report an error condition. For more information about system error codes, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

System action

TCPIP continues.

Operator response

None.

System programmer response

Create the problem again with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module

TCPERROR

Procedure name

tcperror

EZY4200E

CallTransform ConvType Error : *conversion_type*

Explanation

The conversion type found does not match supported values (1–8). The supported values are:

Value

Conversion Type

1

SJISKANJI

2

JIS83KS

3

JIS78KJ

4

DECKANJI

5

EUCKANJI

6

KSC5601

7

HANGUEL

8

TCHINESE

System action

Control is returned to the TNSTMAS routine, where the session is terminated.

Operator response

Restart the session, specifying a valid conversion type.

System programmer response

None.

Module

TNDTRSVB

Procedure name

TnDbcsTm

EZY4201E

CallTransform Verb Error. Verb : *Verb*

Explanation

The verb specified in the configuration data set does not match the supported options. The supported options are: TERMINIT, CHEKTYPE, ASKTTYTYPE, TTYHELLO, MAPTOASC, GRFTOMAP, MAPTOGRF, ASCTOMAP, BREAKKEY, TTLOGOFF, TTYGDBYE, SHUTDOWN, and SIMCHECK.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -4.

Operator response

Notify the system programmer of the error.

System programmer response

Correct the configuration data set to specify a proper verb from the list above. For more information on configuring the Telnet server, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

TnDbcsTm

EZY4202E

CALLTRANSFORM Terminal Id Error. Id : *Term_Id*

Explanation

The terminal ID was found to be outside expected range. It is either negative or greater than the maximum number of Telnet server connections. The return code is set to -5.

System action

Control is returned to the TNSTMAS routine, where the session is terminated.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the terminal ID is properly specified. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

TnDbcsTm

EZY4203E	TNDBCSTM - Telnet DBCS Transform Mode - ERRLOG DDname not found - TNDBCSE.
-----------------	---

Explanation

The Telnet server was unable to allocate ddname TNDBCSE. This is where all error messages for TELNET 3270 DBCS transform are written.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -1.

Operator response

Notify the system programmer of the error.

System programmer response

Update the JCL or TCPIP procedure to include TNDBCSE.

Module

TNDTRSVB

Procedure name

Simcheck

EZY4204E	TNDBCSTM - Telnet DBCS Transform Mode - Config DDName not found - TNDBCSCN
-----------------	---

Explanation

The Telnet server was unable to allocate ddname TNDBCSCN. This is the TELNET 3270 DBCS transform configuration data set.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -99.

Operator response

None.

System programmer response

Update the JCL or TCP/IP procedure to include TNDBCSCN.

Module

TNDTRSVB

Procedure name

Simcheck

EZY4206I **IBM TCP/IP TELNET SERVER DBCS SERVICE START AT *time ON date***

Explanation

This message indicates the time and date at which the Telnet session started.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

TTYHELLO

EZY4207E **TTYHELLO CodeConversion error. rc : *rc***

Explanation

An error was encountered in the Code Conversion routine used to convert message EZY4206I during a call to the procedure TTYHELLO. The return code in this message indicates the offset in the current input buffer at which the error occurred. This message is written to the error log.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -2.

Operator response

None.

System programmer response

Check the input data to determine why this error occurred.

Module

TNDTRSVB

Procedure name

TTYHELLO

EZY4208E TTYHELLO Terminal Id error. id : *terminal_id*

Explanation

This message is written to the error log. The terminal ID was found to be outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

Operator response

None.

System programmer response

Make sure that the terminal ID is properly specified. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

TTYHELLO

EZY4209E TTYHELLO portno empty.

Explanation

This message is written to the error log. There is no free port number. The Telnet server exits.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -4.

Operator response

None.

System programmer response

Make sure that the TCPIP configuration data set contains a valid PORT statement for the Telnet server. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

TTYHELLO

EZY4210I**KEY-IN YOUR TERMINAL TYPE & CONVERSION TYPE:**

Explanation

This message prompts the user to enter the terminal type being used and the conversion type wanted.

System action

Telnet continues.

Operator response

Enter your terminal type and conversion type.

System programmer response

None.

Module

TNDTRSVB

Procedure name

ASKTTYTYPE,CHEKTTYTYPE

EZY4211E**ASKTTYTYPE CodeConversion error. rc : rc**

Explanation

This message is written to the error log. A code conversion error occurred during a call to the procedure ASKTTYTYPE. The return code in this message displays the offset in the current input buffer at which the error occurred.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -2.

Operator response

None.

System programmer response

Check the input data to determine why this error occurred, and respond as indicated.

Module

TNDTRSVB

Procedure name

ASKTTYPE

EZY4212E ASKTTYPE portno not found. portno : *port_number*

Explanation

This message is written to the error log. A free port number was not found.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -1.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the TCPIP configuration data set contains a valid PORT statement for the Telnet server. For more information, see the [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

ASKTTYPE

EZY4213E ASKTTYPE Terminal Id error. Id : *terminal_ID*

Explanation

This message is written to the error log. The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. Return code is set to -3.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

ASKTTYPE

EZY4214E

UNKNOWN TERMINAL TYPE.

Explanation

The user specified an unsupported terminal type. The supported options are TTY, VT100, and VT282

System action

No Telnet session is established. TCPIP continues.

Operator response

Enter a valid terminal type.

System programmer response

None.

Module

TNDTRSVB

Procedure name

CHEKTYPE

EZY4215E

CHEKTYPE CodeConversion error. rc : rc

Explanation

A code conversion error occurred during a call to the procedure CHEKTYPE. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -2.

Operator response

None.

System programmer response

Check the input data to determine why this error occurred.

Module

TNDTRSVB

Procedure name

CHEKTYPE

EZY4216E**UNKNOWN CONVERSION TYPE.****Explanation**

The user entered an unsupported conversion type. Supported values are: SFJ, J8N J8O, DEC, EUC, KSH, HAN, and TCH.

System action

No Telnet session is established. TCPIP continues.

Operator response

Enter a valid conversion type.

System programmer response

None.

Module

TNDTRSVB

Procedure name

CHEKTYPE

EZY4217E**UNKNOWN TERMINAL & CONVERSION TYPE.****Explanation**

The user entered an unsupported terminal type and an unsupported conversion type. Supported Conversion types are SFJ, J8N J8O, DEC, EUC, KSH, HAN, and TCH. Supported Terminal types are TTY, VT100, or VT282.

System action

No Telnet session is established. Telnet continues.

Operator response

Enter a valid terminal type and valid conversion type.

Module

TNDTRSVB

Procedure name

CHEKTYPE

EZY4218E**CHEKTYPE Terminal Id error. Id : *terminal_ID*****Explanation**

The terminal ID was outside expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

CHEKTYPE

EZY4219E **TERMINIT data allocation error.**

Explanation

A nonzero return code was received from the subroutine DtAlloc, which is used to allocate storage for Telnet data. An attempt was made to allocate a data buffer the size of SIMDATASIZE for conversion codes. The return code is set to -5.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -5.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that enough storage is available to Telnet to allocate this data set.

Module

TNDTRSVB

Procedure name

TERMINIT

EZY4220E **TERMINIT address table error. data : *address_table***

Explanation

The address table is expected to be 0 prior to allocation. This is not the case. Storage might not have been freed.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -6.

Operator response

Notify the system programmer of the error.

System programmer response

Flush the address table and restart Telnet.

Module

TNDTRSVB

Procedure name

TERMINIT

EZY4221E	TERMINIT Terminal Id error. Id : <i>terminal_ID</i>
-----------------	--

Explanation

The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

TERMINIT

EZY4223E	MAPTOGRF Terminal Id error. Id : <i>terminal_ID</i>
-----------------	--

Explanation

The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action

Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to -3.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see the [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

MAPTOGRF

EZY4225I	+++ MAPTOGRF +++
-----------------	-------------------------

EZY4226E	Abnormal data in TransfTermFlag
-----------------	--

Explanation

This message is written to the error log. The variable TransfTermFlag is not an expected value. The following are expected values: READPAT, READMODA, READMOD, READBUFF.

System action

TransfTermBufl is reset to zero. Processing continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

MAPTOGRF

EZY4225I	+++ MAPTOGRF +++
-----------------	-------------------------

EZY4227I	TransfTermFlag : <i>TransfTerm Flag</i>
-----------------	--

EZY4228I	Output Data Length : <i>TransfTerm Buffer length</i>
-----------------	---

EZY4229I	Output Data <i>Term Buffer</i>
-----------------	---------------------------------------

Explanation

These messages are written to the error log. These messages display internal trace information.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

MAPTOGRF

EZY4230I +++ GRFTOMAP +++ RCV DATA LENGTH = *length*

Explanation

The function GRFTOMAP, which is used to map conversion characters, is starting. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4231I +++ GRFTOMAP +++ RCV DATA TBUF

Explanation

This message is displayed if the TRACE option is specified. This message displays trace information from the function GRFTOMAP, which is used to map conversion characters. Valid values are:

- EW, EWA--> Erase/Write order
- WRT --> Write order
- EAU --> Erase unprotected area
- RB --> Read Buffer
- RM --> Read modify
- RMA --> Read modify all
- WSF --> Write structured field

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4232I	EWorder EXEC LENGTH = <i>Dleng</i>
-----------------	---

Explanation

This message occurs during processing of the ERASE/WRITE internal 3270 order. If *Dleng* is negative, sense code 08002 is set, indicating an ERASE/WRITE or ERASE/WRITE alternate command. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

Fix the user program and try it again.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4233I	WRTorder EXEC LENGTH = <i>Dleng</i>
-----------------	--

Explanation

This message occurs during processing of the WRITE internal 3270 order. If *Dleng* is negative, sense code 08003 is set, indicating insufficient data in the WRITE command. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

Fix the user program and try it again.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4234I

EAUorder EXEC

Explanation

This message occurs during processing of the ERASE internal 3270 order. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4235I

RBorder EXEC

Explanation

This message occurs during processing of the Read Buffer internal 3270 order. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4236I**RMOrder EXEC****Explanation**

This message occurs during processing of the Read Modify internal 3270 order. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4237I**RMAorder EXEC****Explanation**

This message occurs during processing of the Read Modify All internal 3270 order. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4238I**WSForder EXEC LENGTH = *length*****Explanation**

This message occurs during processing of the Write Structured Field internal 3270 order. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4240E**++ GRFTOMAP ABNORMAL END !! ++ : SCode : NAddr *SenseCode*,
ComBuffer Buffer Address ComBuffer.DataBuffer ComBuffer.AttrBuffer****Explanation**

An error was encountered in the function GRFTOMAP, which is used to map conversion characters. The return code is set to -1.

System action

Telnet continues.

Operator response

Notify the system programmer of the error.

System programmer response

Use the sense code displayed in this message and the list of sense codes in the [z/OS Communications Server: IP User's Guide and Commands](#) to determine the cause of the error, and respond as indicated.

Module

TNDTRSVB

Procedure name

GRFTOMAP

EZY4242E**TELNET SERVER ERROR. SENSE CODE : *SenseCode*****Explanation**

An error has been found during processing. The associated Sense code is printed. A list of the sense codes can be found in the [z/OS Communications Server: IP User's Guide and Commands](#).

System action

Telnet continues.

Operator response

Notify the system programmer of the error.

System programmer response

Use the sense code displayed in this message and the list of sense codes in the [z/OS Communications Server: IP User's Guide and Commands](#) to determine the cause of the error and respond as indicated.

Module

TNDTRSVB

Procedure name

TTYGDBYE

EZY4243I**IBM TCP/IP TELNET SERVER DBCS SERVICE END AT *time ON date*****Explanation**

This message displays the time and date at which the Telnet session ended.

System action

Telnet ends normally. TCPIP continues.

Operator response

None.

System programmer response

None.

Module

TNDTRSVB

Procedure name

TTYGDBYE

EZY4244E**TTYGDBYE CodeConversion error. rc: *rc***

Explanation

A code conversion error occurred during a call to the procedure TTGDBYE. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

System action

Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to -2.

Operator response

None.

System programmer response

Check the input data to determine why the error occurred.

Module

TNDTRSVB

Procedure name

TTYGDBYE

EZY4245E TTYGDBYE portno not found. portno : *port number*

Explanation

The indicated port number was not found.

System action

Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to -1.

Operator response

Reissue the TELNET command specifying a valid port number. For more information about the TELNET command, see the [z/OS Communications Server: IP User's Guide and Commands](#).

System programmer response

If the error persists, make sure that the TCPIP configuration data set for the client contains a valid PORT statement for the Telnet server. For more information, see the [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

TTYGDBYE

EZY4246E TTYGDBYE Terminal Id error. id : *terminal ID*

Explanation

The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action

Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to -3.

Operator response

Notify the system programmer of the error.

System programmer response

Make sure that the terminal identifier is properly specified in the client's TCPIP configuration data set. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

TNDTRSVB

Procedure name

TTYGDBYE

EZY4300I ***** WRTorder DATA LENGTH = *length*

Explanation

This message displays the length of data being passed to the function WRTorder, which is used to write data to the terminal. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4301I ##### SFsbuodr EXEC

Explanation

This message displays trace information indicating that the user is currently in the Start Field branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4302I ##### SFsbuodr EXEC**Explanation**

This message displays trace information indicating that the user is currently in the Start Field Extent branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4303I ##### MFsbuodr EXEC**Explanation**

The user is in the Modify Field branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4304I ##### SBAsbuodr EXEC

Explanation

The user is in the Set Buffer Address branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4305I ##### ICsbuodr EXEC

Explanation

The user is in the Insert Cursor branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4306I ##### PTsbuodr EXEC

Explanation

The user is in the Program Tab branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4307I ##### RAsbuodr EXEC

Explanation

The user is in the Repeat Address branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4308I**##### EUAsbuodr EXEC****Explanation**

The user is in the Erase Unprotected to Address branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4309I**SA EXEC****Explanation**

This message occurs during processing of the Set Attribute internal 3270 order. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4310I**WriteData EXEC LENGTH = *length*****Explanation**

The user is in the Normal Character branch of a case statement. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WRTorder

EZY4311I**IDcnt = *ID count*****Explanation**

This message displays the value of IDcount, a counter used in processing of the Write Structured Field order. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WSForder

EZY4312I**READ PARTITION**

Explanation

A Read Partition request is being processed. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WSForder

EZY4313I **ErsRstID EXEC i = i**

Explanation

An Erase/Reset request is being processed. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WSForder

EZY4314I **SetRepID EXEC i = i**

Explanation

The Telnet server is in set reply mode. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WSForder

EZ4315I OutbDtID EXEC i = i

Explanation

This message indicates the amount of data being sent to a 3270-type terminal. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

WSForder

EZ4316I OutbDtID (WRTorder) Exec Dataleng = *Data length*

Explanation

This message indicates the amount of data being passed to the function WRTorder, which is used to write data to a terminal. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

OutBdtID

EZY4317I	OutbDtID (EWorder) Exec Dataleng = <i>Data length</i>
-----------------	--

Explanation

This message displays the amount of data being passed to the function EWorder. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

OutBdtID

EZY4318I	OutbDtID (EAUorder) EXEC
-----------------	-----------------------------------

Explanation

This message indicates the function EAUorder is being called. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TND3270

Procedure name

OutBdtID

EZY4319I**WRTorder error found with data *procedure_name***

Explanation

The DBCS transform function found incorrect data in the data stream. The buffer containing the incorrect data could not be transformed.

In the message text:

procedure_name

The name of the procedure where the incorrect data was found.

System action

The transform of this buffer stops. The DBCS transform function continues with the next buffer.

Operator response

Correct the error and try the transform again.

System programmer response

None.

Module

TND3270

Procedure name

EWorder, OUTbDtID

EZY4350I**+++ BuffShift (Buffer Shift) +++**

EZY4351E**First Parameter is Out of Range**

Explanation

A request was made to shift data in a buffer, but the address passed is out of range. This message is written to the error log.

System action

No data is moved. Control is returned to the calling routine and processing continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

BUFFSHIFT

EZY4350I	+++ BuffShift (Buffer Shift) +++
EZY4352I	Second Parameter is Out of Range

Explanation

A request was made to shift data in a buffer, but the address passed is out of range. This message is written to the error log.

System action

No data is moved. Control is returned to the calling routine and processing continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

BUFFSHIFT

EZY4350I	+++ BuffShift (Buffer Shift) +++
EZY4353I	Third Parameter is Out of Range

Explanation

A request was made to shift data in a buffer, but the address passed is out of range.

System action

No data is moved. Control is returned to the calling routine and processing continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

BUFFSHIFT

EZY4354W	+++ OpenCodeTable : warning +++
----------	---------------------------------

EZY4356I	ConType= <i>Con Type</i> ---> IBM *
----------	-------------------------------------

Explanation

Either no conversion type was specified or an incorrect conversion type was found. Valid options are: J7O, J7N, J8O, J8N, A7O, A7N, A8O, A8N, SFJ, DEC, EUC, IBM, KSH, HAN, and TCH. This message is written to the error log.

System action

The conversion type is set to IBM, and Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

OpenCodeTable

EZY4357W	+++ CodeConversion : warning +++
----------	----------------------------------

EZY4358I	ConDirc= <i>Con Dirc</i> ---> 0 *
----------	-----------------------------------

Explanation

An unexpected value was found for ConDirc.

System action

The value is reset to 0, and Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

CodeConversion

EZY4357W	+++ CodeConversion : warning +++
-----------------	---

EZY4359I	InState= <i>InState</i> ---> 0 *
-----------------	--

Explanation

An unexpected value was found for InState.

System action

The value is reset to 0, and Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

CodeConversion

EZY4357W	+++ CodeConversion : warning +++
-----------------	---

EZY4360I	OutState= <i>OutState</i> ---> 0 *
-----------------	--

Explanation

An unexpected value was found for OutState.

System action

The value is reset to 0, and Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

CodeConversion

EZY4357W	+++ CodeConversion : warning +++
-----------------	---

EZY4361I	ConMode= <i>ConMode</i> ---> 0 *
-----------------	--

Explanation

An unexpected value was found for ConMode.

System action

The value is reset to 0, and Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

CodeConversion

EZY4362W	+++ CloseCodeTable : warning +++
-----------------	---

EZY4356I	ConType= <i>Con Type</i> ---> IBM *
-----------------	---

Explanation

Either no conversion type was specified or an incorrect conversion type was found. Valid options are: J7O, J7N, J8O, J8N, A7O, A7N, A8O, A8N, SFJ, DEC, EUC, IBM, KSH, HAN, and TCH.

System action

The conversion type is set to IBM, and Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

CloseCodeTable

EZY4363I	*CCTCLOS*
-----------------	------------------

EZY4364I	ists= <i>ists</i>
-----------------	--------------------------

Explanation

This message displays trace information. This message is displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMISCL

Procedure name

CloseCodeTable.

EZY4366E	TNDBCSTM - Telnet DBCS Transform Mode - CodeFile DDName not found - <i>DD name</i>
-----------------	---

Explanation

The Telnet server was unable to allocate ddname TNDBCSSL. This is the Telnet 3270 DBCS Transform data set containing binary translation table code files. This message is written to the error log.

System action

Telnet continues.

Operator response

None.

System programmer response

Update the JCL or TCP/IP procedure to include TNDBCSTM.

Module

TNDMISCL

Procedure name

RdCodeFiles

EZY4380I	+++ ASCII TO MAP (ATMDEC) +++
EZY4381I	Input Data Length : <i>Terminal Buffer length</i>
EZY4382I	Input Data <i>Term Buffer</i>

Explanation

This message displays trace information about the TERMBUF buffer, which contains data mapping the terminal keys to hexadecimal characters. All of these key comparisons are declared as constants in the TNDCOMM macro. These messages are displayed if the TRACE option is specified.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDATMAP

Procedure name

ATMDEC

EZY4400I	***** MAP to ASCII *****
EZY4401I	TransfTermBuff : Set Data Length Over
EZY4402E	Error Position No. is <i>sequence number</i>
EZY4403I	Data Length is <i>length</i>

Explanation

An error was found after calling the internal routine CheckBufl. The sequence number specified corresponds to the position in the routine where the failure occurred. These messages are written to the error log.

System action

Telnet ends normally. TCPIP continues.

Operator response

None.

System programmer response

Save all trace information for problem determination and contact the IBM Software Support Center.

Module

TNDMTASC

Procedure name

SetERRlog

EZY4400I	***** MAP to ASCII *****
-----------------	---------------------------------

Explanation

An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred. These messages are written to the error log.

System action

Telnet continues.

Operator response

None.

System programmer response

Check the input data to determine why this error occurred, and respond as indicated.

Module

TNDMTASC

Procedure name

CharConv

EZY4400I******* MAP to ASCII *******

EZY4405I**Alpha Code Conversion : rt = rc****Explanation**

An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred. These messages are written to the error log.

System action

Telnet continues.

Operator response

None.

System programmer response

Check the input data to determine why this error occurred.

Module

TNDMTASC

Procedure name

CharConv

EZY4400I******* MAP to ASCII *******

EZY4406E	Compare Error Address : <i>Cradr</i>
EZY4407I	WritBuffer Data : <i>Dump of DataBuffer</i>
EZY4408I	AttrBuffer Data : <i>Dump of AttrBuffer</i>
EZY4409I	Disp.WritBuffer Data : <i>Dump of DispBuffer.DataBuffer</i>
EZY4410I	Disp.AttrBuffer Data : <i>Dump of DispBuffer.Attrbuffer</i>

Explanation

These messages display trace information from the CodeConversion function. These messages are written to the error log.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMTASC

Procedure name

DTCOMP

EZY4400I	***** MAP to ASCII *****
EZY4411I	Alarm Code Conversion : <i>rt = rc</i>

Explanation

An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

System action

Telnet continues.

Operator response

Notify the system programmer.

System programmer response

Check the input data to determine why this error occurred.

Module

TNDMTASC

Procedure name

MTADEC

EZY4400I	***** MAP to ASCII *****
-----------------	---------------------------------

EZY4412I	Output Data Length : <i>length</i>
-----------------	---

EZY4413I	Output Data <i>dump of TermBuff</i>
-----------------	--

Explanation

These messages display information about the contents of TermBuff, which is used to hold information mapping terminal keys to hexadecimal characters. These messages are written to the error log.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMTASC

Procedure name

MTADEC

EZY4414I	DataBuffer <i>dump of DataBuffer</i>
-----------------	---

EZY4415I	AttrBuffer <i>dump of AttrBuffer</i>
-----------------	---

Explanation

Displayed is the value of the data and attribute buffers. These messages display during trace and are written to the error log.

System action

Telnet continues.

Operator response

None.

System programmer response

None.

Module

TNDMTASC

Procedure name

MTADEC

EZY4450I

+++ CursorUp +++

EZY4451E

Cursor Address is Out of Range. Non Process End.

Explanation

The placement of the cursor exceeded the supported buffer size of 1920. These messages are written to the error log.

System action

The process ends normally.

Operator response

None.

System programmer response

Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.

Module

TNDTERM

Procedure name

CursorUp

EZY4453I

+++ CursorDown +++

EZY4451E

Cursor Address is Out of Range. Non Process End.

Explanation

The placement of the cursor exceeded the supported buffer size of 1920. These messages are written to the error log.

System action

The process ends normally.

Operator response

None.

System programmer response

Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.

Module

TNDTERM

Procedure name

CursorDown

EZY4454I	+++ CursorLeft +++
EZY4451E	Cursor Address is Out of Range. Non Process End.

Explanation

The cursor placement exceeded the supported size of 1920 bytes. These messages are written to the error log.

System action

The process ends normally.

Operator response

None.

System programmer response

Make sure that the terminal type was properly specified and that the terminal is supported by Telnet.

Module

TNDTERM

Procedure name

CursorLeft

EZY4455I	+++ CursorRight +++
EZY4451E	Cursor Address is Out of Range. Non Process End.

Explanation

The placement of the cursor exceeded the supported length of 1920.

System action

The process ends normally.

Operator response

None.

System programmer response

Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.

Module

TNDTERM

Procedure name

CursorRight

EZY4456E	+++ CursHome +++ Home Position Address is Out of Range. Home Position is set to 0 for Next process.
-----------------	--

Explanation

The cursor is not found at the home position as expected. This message is written to the error log.

System action

The cursor is reset to 0 and processing continues.

Operator response

Reset the cursor position if necessary.

System programmer response

None.

Module

TNDTERM

Procedure name

CursHome

EZY4459E	+++ Reset Key +++
-----------------	--------------------------

EZY4451E	Cursor Address is Out of Range. Abnormal end.
-----------------	--

Explanation

The cursor was placed out of the supported range of 1920. This message is written to the error log.

System action

Processing continues, the return code is set to 1.

Operator response

Reposition the cursor within the accepted range of 0 to 1920.

System programmer response

None.

Module

TNDTERM

Procedure name

ResetKey

EZY4461I	+++ FieldMark +++
-----------------	--------------------------

EZY4451E	Cursor Address is Out of Range.
-----------------	--

Explanation

The cursor was placed beyond the supported range of 1920.

System action

Processing continues.

Operator response

Reposition the cursor within the accepted range of 0 to 1920.

System programmer response

None.

Module

TNDTERM

Procedure name

FieldMark

EZY4461I	+++ FieldMark +++
EZY4463E	Attribute Address is Out of Range.

Explanation

The given attribute address is out of the valid range.

System action

Control is returned to the calling routine and processing continues.

Operator response

Reenter the command specifying a valid attribute.

System programmer response

None.

Module

TNDTERM

Procedure name

FieldMark

EZY4461I	+++ FieldMark +++
EZY4464I	Formatted Buffer.
EZY4472E	Attribute Undefined.

Explanation

The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

System action

Control is returned to the calling routine.

Operator response

Resubmit the last request specifying valid attributes. For more information, see the [z/OS Communications Server: IP User's Guide and Commands](#).

System programmer response

None.

Module

TNDTERM

Procedure name

FieldMark

EZY4465I	+++ FieldTab +++
EZY4451E	Cursor Address is Out of Range. Address is set to 0 for normal end.

Explanation

The cursor was placed outside the valid range of 0 to 1920.

System action

The cursor address is set to 0 and processing continues.

Operator response

Reposition the cursor if necessary.

System programmer response

None.

Module

TNDTERM

Procedure name

FieldTab

EZY4468I	+++ FieldBackTab +++
EZY4451E	Cursor Address is Out of Range. Address is set to 0 for normal end.

Explanation

The cursor was placed outside the supported range of 0 to 1920.

System action

The cursor address is set to 0 and processing continues.

Operator response

Reposition the cursor if necessary.

System programmer response

None.

Module

TNDTERM

Procedure name

FieldBackTab

EZY4469I	+++ EraseEOF +++
EZY4451E	Cursor Address is Out of Range.

Explanation

The cursor was placed outside the supported range of 0 to 1920.

System action

Processing continues.

Operator response

Reposition the cursor if necessary.

System programmer response

None.

Module

TNDTERM

Procedure name

EraseEOF

EZY4469I	+++ EraseEOF +++
EZY4464I	Formatted Buffer.
EZY4463E	Attribute Address is Out of Range.

Explanation

The function SearchAttr, which is used to check conversion attributes, encountered an incorrect attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request, specifying a valid attribute.

System programmer response

None.

Module

TNDTERM

Procedure name

EraseEOF

EZY4469I	+++ EraseEOF +++
-----------------	-------------------------

EZY4464I	Formatted Buffer.
-----------------	--------------------------

EZY4472E	Attribute Undefined.
-----------------	-----------------------------

Explanation

The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

EraseEOF

EZY4473I	+++ EraseInput +++
-----------------	---------------------------

EZY4464I	Formatted Buffer.
-----------------	--------------------------

EZY4472E	Attribute Undefined.
-----------------	-----------------------------

Explanation

The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

EraseInput

EZY4474E	+++ AttPAKey +++ PA key ASCII Code Not found
-----------------	---

Explanation

The PA key used is unsupported. Supported values are:

- PA1 (hex 6C for Ebcidic hex 31 for ASCII)
- PA2 (hex 6E for Ebcidic hex 32 for ASCII)
- PA3 (hex 6B for Ebcidic hex 33 for ASCII)

All other keys are ignored. The return code is set to 1.

System action

The system returns to caller and continues processing.

Operator response

Specify the correct PA key.

System programmer response

None.

Module

TNDTERM

Procedure name

AttPAKey

EZY4476I	+++ AttPFKey +++
EZY4477E	PF key No. out of Range

Explanation

The PF key used is unsupported. Supported values are PF1—PF24. The return code is set to 1.

System action

Control returns to the caller and processing continues.

Operator response

Specify a valid PF key.

System programmer response

None.

Module

TNDTERM

Procedure name

AttPFKey

EZY4478I	+++ NextCurs +++
EZY4451E	Cursor Address is Out of Range.

Explanation

The cursor was placed outside the supported range of 0 to 1920.

System action

Processing continues.

Operator response

Reposition the cursor within the supported range.

System programmer response

None.

Module

TNDTERM

Procedure name

NextCurs

EZY4478I	+++ NextCurs +++
EZY4464I	Formatted Buffer.
EZY4472E	Attribute Undefined.

Explanation

The internal subroutine SearchAddr, which is used to check conversion attributes, encountered an undefined attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

NextCurs

EZY4479I	+++ Master Reset +++
EZY4451E	Cursor Address is Out of Range. Non Process End.

Explanation

The cursor was placed outside the supported range of 0 to 1920.

System action

Control is returned to the calling routine.

Operator response

Reposition the cursor within the supported range.

System programmer response

None.

Module

TNDTERM

Procedure name

MstReset

EZY4480I	+++ Dupric +++
EZY4451E	Cursor Address is Out of Range.

Explanation

The cursor was placed outside of the supported range of 0 to 1920.

System action

Control is returned to the calling routine.

Operator response

None.

System programmer response

None.

Module

TNDTERM

Procedure name

DUPRIC

EZY4480I	+++ Dupric +++
EZY4464I	Formatted Buffer.
EZY4463E	Attribute Address is Out of Range.

Explanation

The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an attribute that was out of range.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

DUPRIC

EZY4480I	+++ Dupric +++
EZY4464I	Formatted Buffer.
EZY4472E	Attribute Undefined.

Explanation

The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

DUPRIC

EZY4481I

+++ CrgReturn +++

EZY4451E

Cursor Address is Out of Range.

Explanation

The cursor was placed outside the supported range of 0 to 1920. The return code is set to 1.

System action

Control is returned to the calling routine.

Operator response

None.

System programmer response

None.

Module

TNDTERM

Procedure name

CrgReturn

EZY4482I

+++ NormalChar (Input) +++

EZY4451E

Cursor Address is Out of Range.

Explanation

The cursor was placed outside the supported range of 0 to 1920.

System action

Control returns to the calling routine.

Operator response

Reposition the cursor within the supported range.

System programmer response

None.

Module

TNDTERM

Procedure name

NormalChar

EZY4482I	+++ NormalChar (Input) +++
EZY4464I	Formatted Buffer.
EZY4463E	Attribute Address is Out of Range.

Explanation

The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an out of range attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

NormalChar

EZY4482I	+++ NormalChar (Input) +++
EZY4464I	Formatted Buffer.
EZY4472E	Attribute Undefined.

Explanation

The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

NormalChar

EZY4483I	+++ Delete1C +++
EZY4451E	Cursor Address is Out of Range.

Explanation

The cursor was placed outside the supported range of 0 to 1920.

System action

Control is returned to the calling routine.

Operator response

Reposition the cursor within the valid range.

System programmer response

None.

Module

TNDTERM

Procedure name

Delete1C

EZY4483I	+++ Delete1C +++
EZY4464I	Formatted Buffer.
EZY4472E	Attribute Undefined.

Explanation

The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

Delete1C

EZY4483I	+++ Delete1C +++
EZY4464I	Formatted Buffer.
EZY4463E	Attribute Address is Out of Range.

Explanation

The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an out of range attribute.

System action

The request is not processed. Telnet continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

None.

Module

TNDTERM

Procedure name

Delete1C

EZY4484I	++ Inputerr ++ message
-----------------	-------------------------------

Explanation

The Telnet DBCS code has detected an error with the input data. Some of the possible reasons are:

- The keyboard is locked
- Input was tried in a protected field
- The command was out of sequence
- The data entered was not valid.

An informational message is displayed in the variable text field of the message. The layout of the variable text field is described below:

xxxxxx-yyyyy nnnnnnnnnnnnnnnnnnnnnnnnnnnnnnn

where

xxxxxx

The translation routine being used. This routine can be correlated with the code page being used and the translation being done. The first few characters are the translation and the rest, if included, the code page being used.

Translation
ATM - ASCII to 3270
TNDTERM - 3270 terminal translation

```
Codepage
SJF - SJISKANJI
J80 - JIS78KJ
J8N - JIS83KJ
EUC - EUCKANJI
DEC - DECKANJI
HAN - HANGEUL
KSC - KSC5601
TCH - TCHINESE
```

yyyyy

The command(s) being processed. There might be multiple commands strung together all separated by a hyphen (-) An example of this would be

```
NULL-ESC-CRTLK
```

nnnnnn

The reason.

Possible reasons and actions are:

Reason

Action

ATMDEC-CtrlA INPUT INHIBITED

The keyboard is locked. Reset the keyboard.

ATMDEC-NULL INVALID COMMAND RECEIVED

The previous command was not valid. Try again.

ATMDEC x

The command/data was either not valid or out of sequence.

System action

TCPIP continues.

Operator response

Resubmit the request specifying valid attributes.

System programmer response

From the trace message try to determine the cause of the error, if unable, then contact the IBM Software Support Center.

Module

TNDTERM TNDATMAP

Procedure name

various

Chapter 7. EYZ5xxxx messages

EYZ5398E

REQUEST TO START TCP/IP VIA MVPMAIN IS REJECTED.

Explanation

Program MVPMAIN was invoked with MODULE=TCPIP specified on the PARM= parameter of the JCL EXEC statement. The TCP/IP address space can no longer be started using program MVPMAIN.

System action

The task initialization function is terminated.

Operator response

Tell the system programmer about the error.

System programmer response

See sample procedure TCIPROC in the SEZAINST data set for the correct program name to be used for starting the TCP/IP address space.

Module

MVPMAIN

Procedure name

Mainline code

Chapter 8. EYZ6xxxx messages

EYZ6001I

EZAZSSI Already Active, Start Rejected

Explanation

EZAZSSI is already active, attempting to start TNF and/or VMCF.

System action

This duplicate copy of EZAZSSI ends.

Operator response

Either wait for VMCF and/or TNF to start, cancel then restart EZAZSSI, or ignore the message.

System programmer response

None.

Module

EZAZSSI

EYZ6002I

TNF Already Active

Explanation

TNF is already active, therefore it is not started.

System action

Start VMCF if needed, then EZAZSSI ends.

Operator response

Either end TNF and restart, or ignore the message.

System programmer response

None.

Module

EZAZSSI

EYZ6003I

VMCF Already Active

Explanation

VMCF is already active, therefore it is not started.

System action

EZAZSSI ends.

Operator response

Either end VMCF and restart, or ignore the message.

System programmer response

None.

Module

EZAZSSI

EZY6004I	No Action Taken
-----------------	------------------------

Explanation

VMCF and TNF are both running; there is nothing to start.

System action

TNF/VMCF continue, EZAZSSI ends.

Operator response

Either stop VMCF and/or TNF then restart EZAZSSI, or ignore the message.

System programmer response

None.

Module

EZAZSSI

EZY6005I	Invalid Start Sequence in Progress
-----------------	---

Explanation

VMCF is up and running and TNF is down.

System action

VMCF continues, EZAZSSI ends.

Operator response

Stop VMCF and then restart EZAZSSI.

System programmer response

None.

Module

EZAZSSI

EZY6006E	Subsystem name in IEFSSNxx is not VMCF
-----------------	---

Explanation

There is no VMCF entry in IEFSSNxx.

System action

EZAZSSI ends.

Operator response

None.

System programmer response

Add the VMCF entry to your IEFSSNxx parmlib member. Either load the initial program to incorporate this change or use the SETSSI ADD command to dynamically add the VMCF subsystem, and then restart EZAZSSI. See [z/OS MVS System Commands](#) for more information about the SETSSI command.

Module

EZAZSSI

EZY6007E	VMCF Nodename must be specified
-----------------	--

Explanation

VMCF requires that a nodename be specified at least once per IPL.

System action

EZAZSSI ends.

Operator response

Specify a nodename when starting EZAZSSI. See the [z/OS Communications Server: IP Diagnosis Guide](#) for more information.

System programmer response

None.

Module

EZAZSSI

EZY6008I	VMCF Start Initiated
-----------------	-----------------------------

Explanation

A VMCF address space start was issued.

System action

EZAZSSI continues; start of VMCF expected.

Operator response

None.

System programmer response

None.

Module

EZAZSSI

EZY6009E**Refused to create VMCF address space**

Explanation

The VMCF address space start from IEEMB881 failed.

System action

EZAZSSI ends.

Operator response

None.

System programmer response

Check to see that the data sets containing the respective load modules are cataloged and available.

Module

EZAZSSI

EZY6010E**VMCF Not Initialized, Processing Continues**

Explanation

The VMCF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.

System action

EZAZSSI ends.

Operator response

Determine why VMCF did not start and restart EZAZSSI.

System programmer response

None.

Module

EZAZSSI

EZY6011I**VMCF Initialization Complete**

Explanation

VMCF is active and available. VMCF applications can be started.

System action

VMCF continues, EZAZSSI ends.

Operator response

None.

System programmer response

None.

Module

EZAZSSI

EZY6012E

Error creating PC numbers, is LPA correct?

Explanation

PC numbers could not be created.

System action

TNF/VMCF ends, EZAZSSI ends.

Operator response

None.

System programmer response

This is probably an installation error. Check the LPA data sets.

Module

EZAZSSI

EZY6013E

VMCF ended: Error in initialization

Explanation

An error was encountered in initialization. See the messages that usually accompany this message for an indication of the actual problem.

System action

VMCF ends.

Operator response

Dependent on accompanying messages.

System programmer response

Dependent on accompanying messages.

Module

EZAZSSI

EZY6014E**Subsystem name in IEFSSNxx is not TNF**

Explanation

There is no TNF entry in IEFSSNxx.

System action

EZAZSSI ends.

Operator response

None.

System programmer response

Add the TNF entry to your IEFSSNxx parmlib member. Either IPL to incorporate this change or use the SETSSI ADD command to dynamically add the TNF subsystem, and then restart EZAZSSI. See [z/OS MVS System Commands](#) for more information about the SETSSI command.

Module

EZAZSSI

EZY6015I**TNF Start Initiated**

Explanation

A TNF address space start was issued.

System action

EZAZSSI continues; start of TNF expected.

Operator response

None.

System programmer response

None.

Module

EZAZSSI

EZY6016E**Refused to create TNF address space**

Explanation

The TNF address space start from IEEMB881 failed.

System action

EZAZSSI ends.

Operator response

None.

System programmer response

Check to see that the data sets containing the respective load modules are cataloged and available.

Module

EZAZSSI

EZY6017E	TNF Not Initialized, Processing Continues
-----------------	--

Explanation

The TNF address space start-up timed out. See the messages that accompany this message for an indication of the actual problem.

System action

EZAZSSI ends.

Operator response

Determine why TNF did not start and restart EZAZSSI.

System programmer response

None.

Module

EZAZSSI

EZY6018I	TNF Initialization Complete
-----------------	------------------------------------

Explanation

TNF is active and available. TNF applications can be started.

System action

EZAZSSI will attempt to start VMCF.

Operator response

None.

System programmer response

None.

Module

EZAZSSI

EZY6019E	TNF ended: MVPTTRML Resource Manager Not Established
-----------------	---

Explanation

A problem exists in the RESMGR interface.

System action

TNF ends, EZAZSSI ends.

Operator response

None.

System programmer response

This is probably an installation error. This message can be issued if resource manager load module MVPTRML is not found in LPA. Ensure that the TCP/IP LPA load library SEZALPA is defined in one of the LPALSTxx members of SYS1.PARMLIB.

Module

EZAZSSI

EZY6020I**TNF not started correctly**

Explanation

TNF was started by a method other than EZAZSSI or EZAZSSI timed out because it took too long to start TNF.

System action

TNF ends.

Operator response

Use EZAZSSI to start TNF.

System programmer response

None.

Module

MVPTNF

EZY6021I**TNF Stop Rejected - Active Users Exist**

Explanation

Active users still exist for TNF; the stop is ignored.

System action

TNF continues.

Operator response

Either end the user address spaces or use the F TNF, REMOVE... command to remove the users from the table.

System programmer response

None.

Module

MVPTNF

EZY6022I	TNF Stop Accepted
-----------------	--------------------------

Explanation

The TNF STOP command was accepted.

System action

TNF stops.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6023I	TNF Modify Display Accepted
-----------------	------------------------------------

Explanation

The Modify Display command for TNF was accepted.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6024I	TNF Modify Remove Accepted
-----------------	-----------------------------------

Explanation

The Modify Remove command for TNF was accepted.

System action

TNF continues.

Operator response

None.

System programmer response

This is probably an installation error. This message can be issued if resource manager load module MVPTTRML is not found in LPA. Ensure that the TCP/IP LPA load library SEZALPA is defined in one of the LPALSTxx members of SYS1.PARMLIB.

Module

MVPTNF

EZY6025I**TNF Modify Command Not Recognized**

Explanation

The Modify command for TNF was not understood.

System action

TNF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPTNF

EZY6026I**TNF Start Accepted**

Explanation

The TNF Start command was accepted.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6027I**TNF Command Not Recognized**

Explanation

The command entered for TNF was not understood.

System action

TNF continues.

Operator response

For information on TNF commands, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPTNF

EZY6028I**TNF REMOVE not valid**

Explanation

The Modify remove command for TNF was not understood.

System action

TNF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPTNF

EZY6029I**TNF REMOVEXXXXXX not valid**

Explanation

The Modify remove command for TNF was not understood.

System action

TNF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPTNF

EZY6030I	TNF All Users Removed
-----------------	------------------------------

Explanation

The Modify remove,name=* was executed successfully.

System action

TNF continues.

Operator response

TNF can be ended now.

System programmer response

None.

Module

MVPTNF

EZY6031I	TNF User <i>userid</i> Not Found
-----------------	---

Explanation

The Modify remove/display,name=*userid* was not found in the table.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6032I	TNF User <i>userid</i> Removed
-----------------	---------------------------------------

Explanation

The Modify remove,name=*userid* was found and removed.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6033I **TNF DISPLAY not valid**

Explanation

The Modify display command for TNF was not understood.

System action

TNF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPTNF

EZY6034I **TNF DISPLAYXXXXXX not valid**

Explanation

The Modify display command for TNF was not understood.

System action

TNF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPTNF

EZY6035I	TNF User <i>userid</i> Not Found
-----------------	---

Explanation

The Modify remove,name=*userid* for TNF was not found in the table.

System action

TNF continues.

Operator response

Do a modify display to see if the user still exists.

System programmer response

None.

Module

MVPTNF

EZY6036I	TNF Active ASIDs
-----------------	-------------------------

Explanation

This message is issued in response to the Modify display command. It is displayed when users exist.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6037I	Name ASID
-----------------	------------------

Explanation

This message is issued in response to the Modify command. It is displayed when users exist.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6038I	<i>userid asid</i>
-----------------	--------------------

Explanation

This message is issued in response to the Modify command. It is displayed when users exist.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6039I	End
-----------------	------------

Explanation

This message is issued in response to the Modify command. It is displayed when users exist.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6040I	No TNF users exist
-----------------	---------------------------

Explanation

This message is issued in response to the Modify command. It is displayed when no users exist.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6041I **TNF Modify Accepted**

Explanation

The Modify command for TNF was accepted.

System action

TNF continues.

Operator response

None.

System programmer response

None.

Module

MVPTNF

EZY6042E **TNF ended: MVPTRML Resource Manager Not Established**

Explanation

A problem exists in the RESMGR interface.

System action

TNF ends.

Operator response

None.

System programmer response

This is probably an installation error.

Module

MVPTSSI

EZY6043I**TNF Start Initiated**

Explanation

A TNF address space start was issued.

System action

EZAZSSI continues; start of TNF expected.

Operator response

None.

System programmer response

None.

Module

MVPTSSI

EZY6044E**Refused to create TNF address space**

Explanation

The address space start from IEEMB881 failed.

System action

IPL continues.

Operator response

None.

System programmer response

Check to see that the data sets containing the respective load modules are cataloged and available.

Module

MVPTSSI

EZY6045E**TNF Not Initialized, Processing Continues**

Explanation

The TNF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.

System action

IPL continues.

Operator response

None.

System programmer response

Correct the reason TNF did not start, and use EZAZSSI to restart TNF/VMCF.

Module

MVPTSSI

EZY6046I	TNF Initialization Complete
-----------------	------------------------------------

Explanation

TNF is active and available.

System action

TNF continues, IPL continues.

Operator response

TNF applications can be started.

System programmer response

None.

Module

MVPTSSI

EZY6047E	Subsystem name in IEFSSNxx is not TNF
-----------------	--

Explanation

There is not a TNF entry in IEFSSNxx.

System action

TNF ends.

Operator response

None.

System programmer response

Add TNF entry to IEFSSNxx and re-IPL.

Module

MVPTSSI

EZY6048E	VMCF ended: Node ID not specified in IEFSSNxx VMCF
-----------------	---

Explanation

A nodename must be specified in the IEFSSNxx member for VMCF when using the migration implementation of restartable VMCF.

System action

IPL continues.

Operator response

Start EZAZSSI with a nodename after IPL completes.

System programmer response

For future IPLs add a nodename to the IEFSSNxx member.

Module

MVPXSSI

EZY6049I	VMCF Start Initiated
-----------------	-----------------------------

Explanation

A VMCF address space start was issued.

System action

Start of VMCF expected.

Operator response

None.

System programmer response

None.

Module

MVPXSSI

EZY6050E	Refused to create VMCF address space
-----------------	---

Explanation

The address space start from IEEMB881 failed.

System action

IPL continues.

Operator response

Start EZAZSSI when the reason for the failure is corrected.

System programmer response

Check to see that the data sets containing the respective load modules are cataloged and available.

Module

MVPXSSI

EZY6051E**VMCF Not Initialized, Processing Continues**

Explanation

The VMCF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.

System action

IPL continues.

Operator response

Determine why VMCF did not start and start EZAZSSI when the IPL completes.

System programmer response

None.

Module

MVPXSSI

EZY6052I**VMCF Initialization Complete**

Explanation

VMCF is active and available.

System action

VMCF continues.

Operator response

VMCF applications can be started.

System programmer response

None.

Module

MVPXSSI

EZY6053E**Error creating PC numbers, is LPA correct?**

Explanation

PC numbers could not be created.

System action

VMCF ends.

Operator response

None.

System programmer response

This is probably an installation error. Check the LPA data sets.

Module

MVPXSSI

EZY6054E**VMCF ended: Error in initialization**

Explanation

An error was encountered in initialization. See the messages that usually accompany this message for an indication of the actual problem.

System action

VMCF ends.

Operator response

Dependent on accompanying messages.

System programmer response

Dependent on accompanying messages.

Module

MVPXSSI

EZY6055E**Subsystem name in IEFSSNxx is not VMCF**

Explanation

There is not a VMCF entry in IEFSSNxx.

System action

IPL Continues.

Operator response

None.

System programmer response

Add VMCF entries to IEFSSNxx and re-IPL.

Module

MVPXSSI

EZY6056I	VMCF not started correctly
-----------------	-----------------------------------

Explanation

TNF was started by a method other than EZAZSSI or EZAZSSI timed out because it took too long to start VMCF.

System action

VMCF ends.

Operator response

Use EZAZSSI to start TNF.

System programmer response

None.

Module

MVPXVI

EZY6057I	VMCF Stop Accepted
-----------------	---------------------------

Explanation

The VMCF command was accepted.

System action

VMCF stops.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6058I	VMCF Modify Accepted
-----------------	-----------------------------

Explanation

The Modify command for VMCF was accepted.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6059I	VMCF Modify Display Accepted
-----------------	-------------------------------------

Explanation

The Modify display command for VMCF was accepted.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6060I	VMCF Modify Remove Accepted
-----------------	------------------------------------

Explanation

The Modify Remove command for VMCF was accepted.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6061I	VMCF Start Accepted
-----------------	----------------------------

Explanation

The VMCF Start command was accepted.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6062I**VMCF Command Not Recognized**

Explanation

The command entered for VMCF was not understood.

System action

VMCF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPXVI

EZY6063I**VMCF Modify Command Not Recognized**

Explanation

The Modify command for VMCF was not understood.

System action

VMCF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPXVI

EZY6064I

VMCF Stop Rejected - Active Users Exist

Explanation

Active users still exist for VMCF; the stop is ignored.

System action

VMCF continues.

Operator response

Either terminate the user address spaces or use the F TNF , REMOVE... command to remove the users from the table.

System programmer response

None.

Module

MVPXVI

EZY6065I

VMCF REMOVE not valid

Explanation

The Modify remove command was not understood.

System action

VMCF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPXVI

EZY6066I

VMCF REMOVEXXXXXX not valid

Explanation

The Modify remove command was not understood.

System action

VMCF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPXVI

EZY6067I VMCF All Users Removed

Explanation

The Modify remove,name=* was executed successfully.

System action

VMCF continues.

Operator response

VMCF can be stopped now.

System programmer response

None.

Module

MVPXVI

EZY6068I VMCF User *userid* Not Found

Explanation

The Modify remove,name=*userid* was not found in the table.

System action

VMCF continues.

Operator response

Do a modify display to see if the user still exists.

System programmer response

None.

Module

MVPXVI

EZY6069I VMCF User *userid* Removed

Explanation

The Modify remove,name=*userid* was found and removed.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6070I VMCF DISPLAY Invalid

Explanation

The Modify display command was not understood.

System action

VMCF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPXVI

EZY6071I VMCF DISPLAYXXXXXX not valid

Explanation

The Modify display command was not understood.

System action

VMCF continues.

Operator response

For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide](#).

System programmer response

None.

Module

MVPXVI

EZY6072I**VMCF User *userid* Not Found**

Explanation

The Modify remove/display,name=*userid* was not found in the table.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6073I**VMCF Active ASIDs**

Explanation

This message is issued in response to the Modify command. It is displayed when users exist.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6074I**Name ASID**

Explanation

This message is issued in response to the Modify command. It is displayed when users exist.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6075I	<i>userid asid</i>
-----------------	--------------------

Explanation

This message is issued in response to the Modify command. It is displayed when users exist.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6076I	End
-----------------	------------

Explanation

This message is issued in response to the Modify command. It is displayed when users exist.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6077I	No VMCF users exist
-----------------	----------------------------

Explanation

This message is issued in response to the Modify command. It is displayed when no users exist.

System action

VMCF continues.

Operator response

None.

System programmer response

None.

Module

MVPXVI

EZY6101I *fsswtr_id FSS=fss_addr, FSA=fsa_addr, FSD=fsd_addr, FSJ=fsj_addr*

Explanation

This message is issued in conjunction with message EZY6102I at FSS startup time. Listed for the FSS specified in *fsswtr_id* are the addresses of the FSS, FSA, FSD and FSJ modules.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFS

EZY6102I *fsswtr_id FSID=fsid, ASID=asid, SUB=subsystem_id, OUT=route code*

Explanation

This message is issued in conjunction with message EZY6101I at FSS startup time. Listed for the FSS specified in *fsswtr_id* are the FSID, ASID, Subsystem ID, and Route Code values.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6110I *fsswtr_id* OPTS: *option_1,option_2,...*

Explanation

This message is issued at FSS startup time. Multiple occurrences of the message are issued to list all FSS startup options in effect.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6111I *fsswtr_id* STATS: *statistic_1,statistic_2...*

Explanation

This message is issued when the FSS is modified. Multiple occurrences of the message are issued to list some statistics that might be useful for problem analysis.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6112I *fsswtr_id* FSS ENTERING WAIT

Explanation

The FSS named in the message has entered a wait state.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6113I *fsswtr_id* FSS POSTED BY FSA TASK

Explanation

The FSS named in the message has been posted by an FSA.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6114I *fsswtr_id* FSS POSTED BY JES

Explanation

The FSS named in the message has been posted by JES.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6115I***fsswtr_id* FSS POSTED BY JES, ORDID=*fss_order_id***

Explanation

The FSS named in the message has been posted by JES, with the ORDER identified in the message.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6116I***fsswtr_id* FSS POSTED BY COMMAND**

Explanation

The FSS named in the message has been posted by an MVS operator console command.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6117I***fsswtr_id* START-FSS CONNECT FSIREQ SUCCESSFUL**

Explanation

The FSS-CONNECT request was successful for the FSS named in the message.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6118I *fsswtr_id* STOP-FSS DISCONNECT FSIREQ SUCCESSFUL

Explanation

The FSS-DISCONNECT request was successful for the FSS named in the message.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6119I *fsswtr_id* START-FSA ATTACH SUCCESSFUL, FSID=*fss_id*

Explanation

An FSA was successfully attached to the FSS named in the message. The FSS ID is also displayed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6120I *fsswtr_id* STOP-FSA DETACH SUCCESSFUL, FSID=*fss_id*

Explanation

An FSA was successfully detached from the FSS named in the message. The FSS ID is also displayed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6121I	<i>fsswtr_id</i> FSS-AMODE/JES-AMODE/RESOLVED-CB-RMODE= <i>fss_amode/</i> <i>jes_amode/cb_rmode</i>
-----------------	--

Explanation

The control block RMODE that the FSS and FSA tasks will use (for the FSS named in the message) has been determined from the early FSS AMODE option setting. The RMODE setting will be permanent.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6122I	<i>fsswtr_id</i> INIT FUNCTION DONE
-----------------	-------------------------------------

Explanation

The initialization functions have been successfully completed for the FSS named in the message.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6131E *fsswtr_id* START-FSS START TOKEN INVALID: *mgcr_token_addr*

Explanation

The MGCR token address is invalid. The FSS cannot be started.

System action

Processing ends.

Operator response

The FSS cannot be explicitly started by the operator or run as a batch job. The FSS is started by JES.

System programmer response

None.

Module

EZAPDFS

EZY6132E *fsswtr_id* START-FSS ERROR, NO START CIB FOUND

Explanation

No START-verb CIB was found from the CSCB. This is an internal configuration error.

System action

Processing ends.

Operator response

Notify Systems Programming.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6133E *fsswtr_id* START-FSS START CMD INVALID, SUBSYS=*subsystem_name*

Explanation

An error was encountered in the FSS START PARM. The subsystem name is invalid. This is an internal configuration error.

System action

Processing ends.

Operator response

Notify Systems Programming.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6134E *fsswtr_id* START-FSS START CMD INVALID, FSID=*fss_id*

Explanation

An error was encountered in the FSS START PARM. The functional subsystem is invalid. This is an internal configuration error.

System action

Processing ends.

Operator response

Notify Systems Programming.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6135E *fsswtr_id* START-FSS START CMD INVALID, ROUTCDE=*route_code*

Explanation

An error was encountered in the FSS START PARM. The FSS-level message route code is invalid. This is an internal configuration error.

System action

Processing ends.

Operator response

Notify Systems Programming.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6136E *fsswtr_id* START-FSS PARMLIB DD OPEN FAILED

Explanation

The data set defined by the PARMLIB DD JCL statement is known to exist but could not be opened.

System action

Processing ends.

Operator response

Determine why the data set cannot be opened.

System programmer response

None.

Module

EZAPDFS

EZY6137E *fsswtr_id* LOAD OF EZAPDFCM FAILED

Explanation

The NPF file-create module could not be loaded.

System action

Processing ends.

Operator response

None.

System programmer response

Determine why LOAD failed for EZAPDFCM.

Module

EZAPDFS

EZY6138E *fsswtr_id* INIT CALL FAILED IN FCM, RC=*return_code*

Explanation

The INIT function failed within the NPF file-create module.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6139E

fsswtr_id START-FSS CONNECT FSIREQ FAILED,
SSOBRETN=*fsi_return_code*

Explanation

The FSS_CONNECT FSIREQ call failed.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6140E

fsswtr_id START-FSS CONNECT FSIREQ FAILED, R15=*ssreq_return_code*

Explanation

The FSS_CONNECT FSIREQ call failed.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6141E

fsswtr_id STOP-FSS REFUSED, FSAS STILL UP

Explanation

The FSS cannot SHUTDOWN while active FSAs are still present. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6142E	<i>fsswtr_id</i> STOP-FSS DISCONNECT FSIREQ FAILED, SSOBRETN=<i>fsi_error_return_code</i>
-----------------	--

Explanation

The FSS did not DISCONNECT successfully. The return code from FSIREQ is listed. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6143E	<i>fsswtr_id</i> STOP-FSS DISCONNECT FSIREQ FAILED, R15=<i>register_15</i>
-----------------	---

Explanation

The FSS did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6144E	<i>fsswtr_id</i> STOP-FSS ABNORMAL DISCONNECT REQUESTED
-----------------	--

Explanation

The FSS did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6145E *fsswtr_id* START-FSA-SDTE GETMAIN FAILED

Explanation

GETMAIN was called for the FSA Daughter Task Element control block. The call failed.

System action

Processing ends.

Operator response

None.

System programmer response

Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

Module

EZAPDFS

EZY6146E *fsswtr_id* START-FSA ECBLIST GETMAIN FAILED

Explanation

GETMAIN was called for the ECB list data area.

System action

Processing ends.

Operator response

None.

System programmer response

Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

Module

EZAPDFS

EZY6147E *fsswtr_id* START-FSA EP IDENTITY FAILED, R15=identify_return_code

Explanation

The entry point for the FSA could not be identified. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6148E *fsswtr_id* START-FSA SUBTASK ATTACH FAILED,
R15=attach_return_code

Explanation

The FSA ATTACH failed. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6149E *fsswtr_id* START-FSA ORDER REFUSED - *sdte_fsid* UP

Explanation

The FSA-START ORDER was refused. The FSA is already started. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6150E	<i>fsswtr_id</i> STOP-FSA SUBTASK DETACH FAILED, R15=<i>detach_return_code</i>
-----------------	---

Explanation

The FSA DETACH failed. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6151E	<i>fsswtr_id</i> STOP-FSA ORDER REFUSED - <i>fsid</i> NOT UP
-----------------	---

Explanation

The FSA STOP order was processed, but the FSID could not be found. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6152E *fsswtr_id* UNSUPPORTED FSS ORDER, ORCID=*fss_order_id*

Explanation

The FSS order could not be recognized or is invalid. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPDFS

EZY6160W *fsswtr_id* STOP (P) COMMANDS ARE NOT SUPPORTED AT THIS TIME

Explanation

The FSS cannot be stopped via the command input buffer (P *fsswtr_id*) in the current product release.

System action

Processing continues.

Operator response

If you wish to terminate the FSS, you must drain or stop the printer via the appropriate JES command.

System programmer response

None.

Module

EZAPDFS

EZY6161W *fsswtr_id* UNRECOGNIZED COMMAND RECEIVED. REFUSED

Explanation

The command received from the console command input buffer is not recognized as a valid command.

System action

Processing continues.

Operator response

Re-enter the command.

System programmer response

None.

Module

EZAPDFS

EZY6162W *fsswtr_id* INVALID FSS OPTION NEAR: *invalid_data*

Explanation

The option input is invalid.

System action

Processing continues.

Operator response

Re-input the option.

System programmer response

None.

Module

EZAPDFS

EZY6163W *fsswtr_id* JES ASSUMING AMODE=31, AMODE=24 NOW INVALID

Explanation

The AMODE affecting existing tasks has been set to "31", and AMODE=24 cannot be used.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6164W *fsswtr_id* FSA TASK TERMINATED, FSID=*fss_id*

Explanation

The FSS has received notification that the FSA with the FSID displayed in the message text has ended.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6165W *fsswtr_id* FSA PRE-CONNECT FAILURE RESPONSE FSI-SENT,
FSID=*fss_id*

Explanation

The FSS has sent notification via FSI SEND that the START FSA ORDER has failed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPDFS

EZY6166W *fsswtr_id* UNABLE TO GET FSIP AREA ABOVE 16MEG

Explanation

The FSS was unable to GETMAIN the needed storage area above the 16MB line.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPF5

EZY6175I	<i>fsswtr_id printer_id</i> FSA FSID= <i>fsid</i> , UCB= <i>ucb_name</i> , AMODE= <i>addr_mode</i>
-----------------	---

Explanation

This message is issued at FSA startup time. Listed for the FSA specified in *printer_id* for the FSS specified in *fsswtr_id* are the FSID, UCB, and AMODE.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6176I	<i>fsswtr_id printer_id</i> GDS <i>job_number dd_name job_name</i> <i>separator_indicator</i>
-----------------	--

Explanation

This message is issued when a new data set is received by the FSS's FSA from JES. Job number, DD name, and job name are displayed, along with a print data set separator page indicator defined as follows:

NOSEP

No separator page is required.

START

A start data set separator page is required.

CONT

A continue data set separator page is required.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6177I	<i>fsswtr_id printer_id RDS job_number dd_name smf_indicator</i>
-----------------	--

Explanation

This message is issued if there is a data set at the stacker when RELDS is about to be issued. An indicator is issued at the end of the message as follows:

INCOMPLETE

RELDS is incomplete.

SMF=YES

An SMF type 6 record was requested.

SMF=NO

No SMF type 6 record was requested.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6178I	<i>fsswtr_id printer_id EOF/EOG job_number dd_name record_count TRLR/NOTRLR</i>
-----------------	---

Explanation

This message is issued to indicate that the data set has been marked for end-of-file or end-of-group. JES job number, DD name, and record count are shown in the message. The message will show either 'EOF' or 'EOG' between *printer_id* and *job_number*. 'TRLR' will appear at the end of the message to acknowledge the last data set in a JES2 output group or a JES3 job.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6179I***fsswtr_id printer_id* SND *job_number dd_name* OOP-TRACKING**

Explanation

This message indicates that a tracking FSI SEND operation has been performed. Job number and DD name appear in the message.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6180I***fsswtr_id printer_id* FSA ENTERING WAIT**

Explanation

The FSA associated with *printer_id* is waiting for work.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6181I***fsswtr_id printer_id* FSA POSTED BY JES**

Explanation

The FSI Order/Post ECB of the FSA associated with (*printer_id*) has been posted by JES.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6182I *fsswtr_id printer_id* FSA POSTED BY JES, ORDID=*fsa_order_id*

Explanation

The FSI Order/Post ECB of the FSA associated with (*printer_id*) has been posted by JES with the ORDER ID displayed in the message.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6183I *fsswtr_id printer_id* FSA POSTED BY NPRO TIMER POP

Explanation

The NPRO STIMER ECB of the FSA associated with (*printer_id*) has been posted.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6184I *fsswtr_id printer_id* FSA POSTED BY FSS

Explanation

The FSA associated with (*printer_id*) has been posted by the FSS.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6185I	<i>fsswtr_id printer_id</i> FSA DIRECTED BY FSS TO TERMINATE
-----------------	--

Explanation

The FSA associated with (*printer_id*) has been posted by the FSS and directed to terminate.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6186I	<i>fsswtr_id printer_id</i> START-FSA CONNECT FSIREQ SUCCESSFUL
-----------------	---

Explanation

The FSA-CONNECT FSIREQ request succeeded.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6187I***fsswtr_id printer_id* STOP-FSA DISCONNECT FSIREQ SUCCESSFUL**

Explanation

The FSA-DISCONNECT FSIREQ request succeeded.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6188I***fsswtr_id printer_id* DEVICE IS STARTING**

Explanation

The FSA device is starting and is available for work.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6189I***fsswtr_id printer_id* DEVICE IS STOPPING**

Explanation

The FSA device is stopping and is not available for work.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6190I	<i>fsswtr_id printer_id</i> OPERATOR INTERVENTION ORDERED
-----------------	--

Explanation

The FSA device requires operator intervention. The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA flush its device buffer and prepare for something that probably involves operator setup.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6191I	<i>fsswtr_id printer_id</i> DEVICE SYNC ORDERED
-----------------	--

Explanation

The FSA has an asynchronous ORDER request via an FSIREQ requesting that the FSA synchronize its processing to the point of actual printing. That is, a JES command such as a device backspace or forward space has been issued and it should affect the data set at the OOP (Operator Orientation Point).

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6192I	<i>fsswtr_id printer_id</i> DEVICE SET ORDERED
-----------------	---

Explanation

The FSA has an asynchronous ORDER request via an FSIREQ requesting that the FSA reset some parameters. An example of this would be a JES2 \$T command to change NPRO.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPA

EZY6193I *fsswtr_id printer_id* OUT OF BUFFERS IN GETREC, TRYING AGAIN

Explanation

The GETREC FSIREQ could not get the required number of buffers.

System action

The request will be reissued.

Operator response

None.

System programmer response

None.

Module

EZAPPPA

EZY6194I *fsswtr_id printer_id* NOTIFY SENT TO USER=*user_list*

Explanation

The user IDs listed in *user_list* were found in the NOTIFY parameter on the OUTPUT JCL statement. Data set processing results will be sent to the users in the list.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6195I	<i>fsswtr_id printer_id</i> DATA SET AT OOP RESCHEDULED
-----------------	---

Explanation

The data set at the Operator Orientation Point has been rescheduled.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6196I	<i>fsswtr_id printer_id</i> DATA SET AT OOP CANCELED
-----------------	--

Explanation

The data set at the Operator Orientation Point has been cancelled.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6197I	<i>fsswtr_id printer_id</i> NO DATA SET AT OOP FOR SYNCH/OPINT
-----------------	--

Explanation

A SYNCH or OPINT command was processed but no data set exists at the Operator Orientation Point.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFA

EZY6198I	<i>fsswtr_id printer_id</i> DEVICE BACK-SPACED
-----------------	---

Explanation

The data set at the Operator Orientation Point has been backspaced.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFA

EZY6199I	<i>fsswtr_id printer_id</i> DEVICE FORWARD-SPACED
-----------------	--

Explanation

The data set at the Operator Orientation Point has been forward-spaced.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPPFA

EZY6200I***fsswtr_id printer_id* DEVICE SYNCH, ORDSYR1-4=synch_flags**

Explanation

This message is a general DEVICE SYNCH message. It displays the flags from the JES-to-FSA SYNCH ORDER.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6201E***aaa bbbbbbbb* ABENDED, *cccccc* CODE=*dddd* REASON=*eeeeeeee***

Explanation

This message is presented by the NPF JES Capture Point ESTAE exit. The message contains information from an ABEND that occurred as follows:

aaa

Identifies the component that ABENDED. The value is either FSS or FSA.

bbbbbbbb

If *aaa* is FSS, *bbbbbbbb* is the FSS writer ID. If *aaa* is FSA, *bbbbbbbb* is the printer ID.

cccccc

indicates either a SYSTEM or a USER ABEND.

dddd

contains the ABEND code.

eeeeeeee

contains the reason code.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPFE

EZY6202E**EZAPPFE FSS/FSA SVC DUMP COMPLETE**

Explanation

The SVC DUMP is complete. This message is issued from the NPF JES Capture Point ESTAE exit in conjunction with IEA794I.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPF

EZY6203E FSS/FSA SVC DUMP FAILED, R15=aaaa, REASON=bbbb

Explanation

The SVC DUMP failed. The return code from SDUMP (from register 15) is output in field *aaaa*. The reason code is output in field *bbbb*.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPF

EZY6204E LRB FAILING INSTR WAS aaaaaaaaaaaaaa

Explanation

This message displays the Last-RB failing instruction in field *aaaaaaaaaaaaa*.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPFE

EZY6205E

LRB PSW = *aaaaaaaa aaaaaaaa* ILC = *b* IC = *cc*

Explanation

This message displays the Last-RB PSW in field *aaaaaaaa aaaaaaaa*, the Instruction Length Code in *b*, and the Interrupt Code in field *cc*.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPFE

EZY6206E

LRB *aaa* = *register register register register*

Explanation

This message displays four Last-RB registers starting with the register identified in field *aaa*. *aaa* is one of the following: R0, R4, R8, or RC.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPFE

EZY6207R

REPLY "P" WHEN EZAPPFE MAY PERCOLATE, OR "TOE" (TIME-OF-ERROR) OR "LRB" (LAST-RB) FOR ERROR INFO RE-DISPLAY

Explanation

This message enables you to display diagnostic data before the FSA or FSS task abends. EZAPPFEE provides a basic ESTAE snapshot for these tasks. The operator must respond with either of the following replies:

P

Causes EZAPPFEE to percolate, which ends the FSA or FSS task, and takes an SVCDUMP.

TOE

Redisplays the instruction at the time of the error, PSW, and registers, which can be used for diagnostic purposes.

LRB

Redisplays the LAST RB information from the FSA or FSS task, which can be used for diagnostic purposes.

System action

The FSA or FSS task will end and an SVCDUMP will be taken.

Operator response

Save the system log and the dump for problem determination.

System programmer response

Check system log and console for related error messages.

Module

EZAPPFEE

Procedure name

SFSEEP1

EZY6214E **TOE FAILING INSTR WAS aaaaaaaaaaaaaa**

Explanation

This message displays the Time-Of-Error failing instruction in field *aaaaaaaaaaaaa*.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPFEE

EZY6215E **TOE PSW = aaaaaaaaaa aaaaaaaaaa ILC = b IC = cc**

Explanation

This message displays the Time-Of-Error PSW in field *aaaaaaaa aaaaaaaaa*, the Instruction Length Code in *b*, and the Interrupt Code in field *cc*.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPF

EZY6216E *LRB aaa = register register register register*

Explanation

This message displays four Last-RB registers starting with the register identified in field *aaa*. *aaa* is one of the following: R0, R4, R8, or RC.

System action

Processing ends.

Operator response

None.

System programmer response

Use the information in this message as an aid to problem analysis.

Module

EZAPPF

EZY6221E *fsswtr_id printer_id FSA-CONNECT FSIREQ FAILED, SSOBRETN=fsi_return_code*

Explanation

The FSA-CONNECT FSIREQ was unsuccessful. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6222E	<i>fsswtr_id printer_id</i> FSA-CONNECT FSIREQ FAILED, R15= <i>register_15_contents</i>
-----------------	--

Explanation

The FSA-CONNECT FSIREQ was unsuccessful. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6223E	<i>fsswtr_id printer_id</i> INVALID UCB ADDRESS PASSED FROM JES
-----------------	---

Explanation

The FSA detected that an invalid UCB address was passed from JES. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6224E	<i>fsswtr_id printer_id</i> GETMAIN FOR SMF WORK AREA FAILED
-----------------	--

Explanation

The FSA tried to issue GETMAIN for its SMF work area. The GETMAIN failed.

System action

Processing ends.

Operator response

None.

System programmer response

Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

Module

EZAPPFA

EZY6225E	<i>fsswtr_id printer_id</i> GETMAIN FOR PIPELINE WORK AREAS FAILED
-----------------	---

Explanation

The FSA tried to issue GETMAIN for its PIPELINE work area. The GETMAIN failed.

System action

Processing ends.

Operator response

None.

System programmer response

Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

Module

EZAPPFA

EZY6226E	<i>fsswtr_id printer_id</i> GETMAIN FOR FSI CKPT WORK AREA FAILED
-----------------	--

Explanation

The FSA tried to issue GETMAIN for its FSI checkpoint work area. The GETMAIN failed.

System action

Processing ends.

Operator response

None.

System programmer response

Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

Module

EZAPPFA

EZY6227E *fsswtr_id printer_id* GETMAIN FOR SJF WORK AREA FAILED

Explanation

The FSA tried to issue GETMAIN for its Scheduler JCL Facility work area. The GETMAIN failed.

System action

Processing continues.

Operator response

None.

System programmer response

Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

Module

EZAPPFA

EZY6228E GETMAIN FOR DEVICE DRIVER SDCB FAILED

Explanation

The FSA tried to issue GETMAIN for its Device Driver's Control Block. The GETMAIN failed.

System action

The FSA ends.

Operator response

None.

System programmer response

Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

Module

EZAPPFA

EZY6230E *fsswtr_id printer_id* FSA-DISCONNECT FSIREQ
SSOBRETN=*fsireq_return_code*

Explanation

The FSA did not DISCONNECT successfully. The return code from FSIREQ is listed. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6231E	<i>fsswtr_id printer_id</i> FSA-DISCONNECT FSIREQ R15=<i>fsi_return_code</i>
-----------------	---

Explanation

The FSA did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6232E	<i>fsswtr_id printer_id</i> ABNORMAL FSA DISCONNECT REQUESTED
-----------------	--

Explanation

The FSA cannot DISCONNECT successfully. The time frame for disconnection is invalid. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6233E	<i>fsswtr_id printer_id</i> FSA DISCONNECT REFUSED, DEVICE STILL UP
-----------------	--

Explanation

The FSA cannot DISCONNECT successfully. The device is still active. This is an internal error. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6234E	<i>fsswtr_id printer_id</i> START DEVICE ORDER REFUSED, ALREADY UP
-----------------	---

Explanation

The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA start its device. The FSA is already started. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6235E	<i>fsswtr_id printer_id</i> STOP DEVICE ORDER REFUSED, DEVICE NOT UP
-----------------	---

Explanation

The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA stop its device. The FSA is not started. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6236E *fsswtr_id printer_id* UNSUPPORTED FSA ORDER, ORDID=*fsa_order_id*

Explanation

The FSA has received an ORDER that is unsupported. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6237E *fsswtr_id printer_id* GETDS FSIREQ FAILED, R15=*fsireq_return_code*

Explanation

A GETDS FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6238E *fsswtr_id printer_id* GETREC FSIREQ FAILED, R15=*fsireq_return_code*

Explanation

A GETREC FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action

Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6239E *fsswtr_id printer_id FREEREC FSIREQ FAILED, R15=fsireq_return_code*

Explanation

A FREEREC FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action

Data set processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6240E *fsswtr_id printer_id CKPT FSIREQ FAILED, R15=fsireq_return_code*

Explanation

A CKPT FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action

Data set processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6241E***fsswtr_id printer_id* GETREC I/O ERROR (GLRIOE)**

Explanation

An I/O error occurred during GETREC processing.

System action

The data set is held and processing continues.

Operator response

None.

System programmer response

Analyze accompanying MVS system messages to determine the cause of the error. Contact IBM Support if you are unable to correct the error.

Module

EZAPPPA

EZY6242E***fsswtr_id printer_id* INVALID FSI PARMLIST IN GETREC (GLRIPL)**

Explanation

During a GETREC FSIREQ, an invalid FSI parmlist was encountered. This is an internal error.

System action

Data set Processing ends.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPPA

EZY6243E***fsswtr_id printer_id* GETREC PROCESSING ERROR (GLRLGE)**

Explanation

During a GETREC FSIREQ, an internal logic error was encountered.

System action

The data set is held, and processing continues.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6244E	<i>fsswtr_id printer_id</i> DEVICE DRIVER EXIT ID/RC = exit_vector_offset/ return_code
-----------------	---

Explanation

A nonzero return code was received from the device driver exit.

System action

Processing continues.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6251W	<i>fsswtr_id printer_id</i> FSA REQUESTED TERMINATION (FIT SEND)
-----------------	---

Explanation

An FSI SEND was issued to JES to request self-initiated termination.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAPPFA

EZY6252W	<i>fsswtr_id printer_id</i> SJF ERROR, SJFREQ R15=sjfreq_return_code
-----------------	---

Explanation

An SJFREQ call failed, with the return code listed in the message.

System action

Processing continues.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6253W	<i>fsswtr_id printer_id</i> SJF RETRIEVE ERROR, SJFREREAS=sjfreq_reason_code
-----------------	---

Explanation

An SJF RETRIEVE error was detected that is not critical.

System action

Processing continues.

Operator response

None.

System programmer response

On return from the SJF request, it was determined that some keywords were not found. This is assumed to be because the system JDts are at a lower level than the list of keywords in the FSA module. Because that list is ordered by release date of keywords, it can be assumed that the needed information has been found.

Module

EZAPPFA

EZY6255W	<i>fsswtr_id printer_id</i> RELDS FSIREQ ERROR, RC=relds_return_code
-----------------	---

Explanation

A RELDS FSIREQ call was issued for the data set at the stacker. The call was unsuccessful.

System action

Processing continues.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6256W *fsswtr_id printer_id TRACKING FSI SEND ERROR, RC=return_code*

Explanation

A tracking SEND FSIREQ call was issued for the data set at the Operator Orientation Point. The call failed.

System action

Processing continues.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6257W *fsswtr_id printer_id FSI SEND FSIREQ ERROR, RC=fsi_req_return_code*

Explanation

An FSISEND call was issued to JES, but was unsuccessful.

System action

Processing continues.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6258W *fsswtr_id printer_id SJF UNKNOWN ERROR,
SJFREREAS=sjfreq_reason_code*

Explanation

An SJFREQ call was unsuccessful. The reason could not be determined.

System action

Processing continues.

Operator response

None.

System programmer response

Contact IBM Support.

Module

EZAPPFA

EZY6259W	<i>fsswtr_id printer_id NOTIFY SSI ERROR, R15=ssi_return_code, USER=user_list</i>
-----------------	---

Explanation

An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.

System action

Processing continues.

Operator response

None.

System programmer response

If you are unable to correct the conditions responsible for the NOTIFY failure, contact IBM Support.

Module

EZAPPFA

EZY6260W	<i>fsswtr_id printer_id NOTIFY ERROR, SSOBRETN=ssob_return_code</i>
-----------------	---

Explanation

An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.

System action

Processing continues.

Operator response

None.

System programmer response

If you are unable to correct the conditions responsible for the NOTIFY failure, contact IBM Support.

Module

EZAPPFA

EZY6261W	<i>fsswtr_id printer_id NOTIFY ERROR, SSNUERCD=ssnu_error_code</i>
-----------------	--

Explanation

An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.

System action

Processing continues.

Operator response

None.

System programmer response

If you are unable to correct the conditions responsible for the NOTIFY failure, contact the IBM Software Support Center to report this error.

Module

EZAPPFA

Chapter 9. EZYFxxxx messages

EZYFS01I

SECURE_CTRLCONN value must be CLEAR, SAFE, or PRIVATE

Explanation

While processing the FTP.DATA file, the server or client encountered the SECURE_CTRLCONN statement with a parameter value that was not CLEAR, SAFE, or PRIVATE. The only valid values are CLEAR, SAFE, and PRIVATE.

System action

The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the statement. See the [z/OS Communications Server: IP Configuration Guide](#) for information about configuring the FTP server to use the TLS security mechanism.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS02I

SECURE_DATACONN value must be CLEAR, SAFE, PRIVATE, or NEVER

Explanation

While processing the FTP.DATA file, the server or client encountered the SECURE_DATACONN statement with a parameter value that was not CLEAR, SAFE, PRIVATE, or NEVER. The only valid values are CLEAR, SAFE, PRIVATE, and NEVER.

System action

The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the statement. See the [z/OS Communications Server: IP Configuration Guide](#) for information about configuring the FTP server to use the TLS security mechanism.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS03I**SECURE_MECHANISM value must be GSSAPI, or TLS**

Explanation

While processing the FTP.DATA file, the client encountered the SECURE_MECHANISM statement with a parameter value that was not GSSAPI or TLS. The only valid values are GSSAPI or TLS.

System action

The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the statement. See the [z/OS Communications Server: IP Configuration Guide](#) for information about configuring the FTP server to use the TLS security mechanism.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS04I**Maximum allowable number of ciphersuite statements has been specified**

Explanation

While processing the FTP.DATA file, the client encountered the CIPHERSUITE statement after the maximum number of valid CIPHERSUITE statements have been processed. Only 20 CIPHERSUITE statements can be processed.

System action

The line containing the statement is ignored. Processing of the FTP.DATA file continues with the next line of the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Delete the extra ciphersuite statements.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS05I**Ciphersuite name is not supported****Explanation**

While processing the FTP.DATA file, the client encountered the CIPHERSUITE statement with a parameter value that was not recognized.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line of the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the statement.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS06I**Ciphersuite name has already been specified****Explanation**

While processing the FTP.DATA file, the client encountered the CIPHERSUITE statement with a parameter name that has already been specified.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line of the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain no duplicate ciphersuite names.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS07I**smfkeyword value must be TYPE119 or a blank**

Explanation

While processing the FTP.DATA file, the server encountered the SMF keyword parameter with a parameter value that was not TYPE119 or a blank. The only valid values for the smfkeyword parameter are TYPE119 and a blank. *smfkeyword* is the FTP.DATA keyword for SMF record.

System action

The line containing the SMF parameter is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for more information about the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata()

EZYFS08I	Some characters cannot be translated between <i>codeset_1</i> and <i>codeset_2</i>
----------	--

Explanation

The SBADATACONN statement specified the code sets *codeset_1* and *codeset_2*. The iconv() function was used to build a table for each of the 256 single byte character codepoints. Some of the codepoints do not have an equivalent codepoint.

System action

The tables are built and will be used during data transfer by FTP. If FTP detects a data byte during the transfer of the data that cannot be translated using the tables, FTP will use substitution characters if substitution is enabled, or otherwise fail the transfer.

Operator response

None.

System programmer response

Specify SBADATACONN with code set names that convert all of the codepoints. However, you can use the table if your data does not contain any of the untranslatable characters. To see which of the codepoints cannot be translated, start the client or server with the following trace specified in the FTP.DATA file:

```
DEBUG UTL ; utility services trace
```

Module

EZAFTPNX, EZAFTPCK

Procedure name

setup_translate_tables, locsite

EZYFS09I**SBSUBCHAR must be either SPACE or a hexadecimal character.**

Explanation

While processing the FTP.DATA file, the server encountered the SBSUBCHAR statement with a parameter value that was not SPACE, or a hexadecimal character. The only valid values for the SBSUBCHAR parameter are SPACE or a hexadecimal character.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS10I**ENCODING value must be either SBCS or MBCS**

Explanation

The ENCODING statement in the FTP.DATA file has a value that is not SBCS or MBCS. The only valid values are SBCS and MBCS.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified statement. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS11I

Multi-byte encoding does not support *codepage* as a file system codepage

Explanation

The format of the MBDATACONN statement in the FTP.DATA file is the following:

```
MBDATACONN      (file_system_cp,network_transfer_cp).
```

The multi-byte encoding support for FTP allows codepages IBM-1388 and UTF-8 to be specified as the file system code page.

codepage is the code page name that was entered as the file system code page.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to use one of the supported file system codepages. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the MBDATACONN statement.

Module

EZAFTPEP

Procedure name

verifyMBdataconn

EZYFS12I

Multi-byte encoding does not support *codepage* as a network transfer codepage

Explanation

The format of the MBDATACONN statement in the FTP.DATA file is the following:

```
MBDATACONN      (file_system_cp,network_transfer_cp).
```

The multi-byte encoding support for FTP allows codepage IBM-5488 to be specified as the network transfer code page.

codepage is the code page name that was entered as the network transfer code page.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to use one of the supported network transfer codepages. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the MBDATACONN statement.

Module

EZAFTPEP

Procedure name

verifyMBdataconn

EZYFS13I	No conversion available to <i>cp_name1</i> from <i>cp_name2</i>
-----------------	--

Explanation

The MBDATACONN statement in the FTP.DATA file specified code page names, but there is no supported code set converter for the code sets (codepages) that are specified.

cp_name1 is the code page name **to** which the code is converted.

cp_name2 is the code page name **from** which the code is converted.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to use one of the supported pairs of code sets (codepages). See the [z/OS XL C/C++ Programming Guide](#) for information about supported code set converters and valid code set names.

Module

EZAFTPEJ

Procedure name

verifyMBdataconn

EZYFS16I	SECURE_PASSWORD reset to REQUIRED
-----------------	--

Explanation

After processing the FTP.DATA statements, the server cross-checked the values of the SECURE_LOGIN and SECURE_PASSWORD statements and found them to be in a combination that is not valid. SECURE_PASSWORD is coded with a value of OPTIONAL and SECURE_LOGIN has the value NO_CLIENT_AUTH. NO_CLIENT_AUTH indicates that the server does not request a certificate from the client, but SECURE_PASSWORD OPTIONAL means that a certificate is required for a session protected by the TLS security mechanism.

System action

Because the server will not request a certificate from the client, SECURE_PASSWORD is reset to REQUIRED. As a result, a password will be required for authentication of a TLS secured login.

Operator response

If the new value is acceptable, no action is required. Otherwise, contact the system programmer to change the SECURE_LOGIN setting to a value other than NO_CLIENT_AUTH in order to permit SECURE_PASSWORD OPTIONAL.

System programmer response

If necessary, update the FTP.DATA file with the correct values for SECURE_LOGIN and SECURE_PASSWORD. See [z/OS Communications Server: IP Configuration Reference](#) for information about the statements of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS20I	Binary tagged file translated with current data connection translation table
-----------------	---

Explanation

The file that is to be transferred was tagged binary but the data type is ASCII. This is a warning to the user that the file will be translated.

System action

The file transfer continues.

Operator response

If it is acceptable that the translation was done in ASCII, then no action is necessary. However, if no translation should have been done, change the transfer type to binary and transfer the file again. See the [z/OS UNIX System Services Command Reference](#) for information about the CHTAG command. See the [z/OS Communications Server: IP User's Guide and Commands](#) for information about the FTP TYPE subcommand.

System programmer response

None

Module

EZAFTPSM

Procedure name

hfs_sndFile()

EZYFS24I	SECURE_HOSTNAME value must be OPTIONAL or REQUIRED
-----------------	---

Explanation

While processing the FTP.DATA file, the client encountered the SECURE_HOSTNAME statement with a parameter value that was not either REQUIRED or OPTIONAL. The only valid values are REQUIRED or OPTIONAL.

System action

The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response

Contact the system programmer to correct the SECURE_HOSTNAME statement in the FTP.DATA file.

System programmer response

Correct the SECURE_HOSTNAME statement in the FTP.DATA file.

See the [SECURE_HOSTNAME statement](#) in [z/OS Communications Server: IP Configuration Reference](#) for more information.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFS30W	FTP message catalog <i>catlgname</i> returned an unexpected timestamp of <i>timestamp1</i> - FTP expected <i>timestamp2</i> - FTP will use default messages
-----------------	--

Explanation

The time stamp that is contained in the catalog does not match the time stamp that FTP expects.

In the message text:

catlgname

The fully qualified name of the catalog that FTP is processing.

timestamp1

The time stamp from the catalog, specified in the following format:

```
yyyy ddd hh:mm UTC
```

- *yyyy* is the year
- *ddd* is the day (001 - 366)
- *hh* is the hour (01 - 24)
- *mm* is the minute (01 - 60)

timestamp2

The time stamp that FTP expects to be in the catalog. This time stamp in the same format as the *timestamp1* value.

System action

FTP uses the default messages. Message EZYFS32I follows this message and indicates the expected service level.

Operator response

No action needed.

System programmer response

Ensure that the correct z/OS UNIX file system is attached and that the correct service level is applied to the z/OS UNIX file system. If a customized catalog is being used, verify that it is at the same service level as the current distribution level of the catalog that is specified in message EZYFS32I.

User response

Contact the system programmer.

Problem determination

See the system programmer response.

Source

z/OS Communications Server TCP/IP: FTP

Module

EZAFTPCY

Routing code

10

Descriptor code

3

Example

```
EZYFS30W FTP message catalog /usr/lib/nls/msg/C/ftpdmsg.cat returned an unexpected timestamp
of 2005.180 15:30 UTC - FTP expected 2006.091 06:30 UTC - FTP will use default messages
```

EZYFS31W

FTP reply catalog *catlgname* returned an unexpected timestamp of *timestamp1* - FTP expected *timestamp2*, - FTP will use default messages

Explanation

The time stamp that is contained in the catalog does not match the time stamp that the FTP application expects.

In the message text:

catlgname

The name of the catalog that FTP opened.

timestamp1

The timestamp from the catalog, specified in the following format:

```
yyyy ddd hh:mm UTC
```

- *yyyy* is the year
- *ddd* is the day (001-366)
- *hh* is the hour (01-24)
- *mm* is the minute (01-60)

timestamp2

The time stamp that FTP expects to be in the catalog. This time stamp is in the same format as the *timestamp1* value.

System action

FTP uses the default messages. Message EZYFS32I follows this message and indicates the expected service level.

Operator response

No action needed.

System programmer response

Ensure that the correct z/OS UNIX file system is attached and that the correct service level is applied to the z/OS UNIX file system. If a customized catalog is being used, verify that it is at the same service level as the current distribution level of the catalog that is specified in EZYFS32I.

User response

Contact the system programmer

Problem determination

See the system programmer response.

Source

z/OS Communications Server TCP/IP: FTP

Module

EZAFTPCY

Routing code

10

Descriptor code

3

Example

```
EZYFS31W FTP reply catalog /usr/lib/nls/msg/C /ftpdrply.cat returned an unexpected timestamp
of 2005 180 06:35 UTC - FTP expected 2006 091 06:45 UTC - FTP will use default messages
```

EZYFS32I

The catalog *catlgname* must be at service level *svclevel*

Explanation

The specified message catalog is not at the expected service level. Message EZYFS30W or message EZYFS31W precedes this message and identifies the time stamps that resulted in the detection of a catalog mismatch.

In the message text:

catlgname

The catalog name.

svclevel

The service level (FMID or PTF) expected by the catalog.

System action

FTP uses the default messages.

Operator response

No action needed.

System programmer response

Ensure that one of the following is true:

- The correct z/OS UNIX file system is attached
- The correct service has been applied to the z/OS UNIX file system
- A customized catalog is being used and is at the same level as the distribution level of the catalog that is specified in the message.

User response

Contact the system programmer.

Problem determination

See the system programmer response.

Source

z/OS Communications Server TCP/IP: FTP

Module

EZAFTPCY

Routing code

10

Descriptor code

3

Example

In the following example, the value UK91456 specifies the catalog that shipped as part of PTF UK91456.

```
EZYFS32I The catalog /usr/lib/nls/msg/C /ftpdreply.msg must be at service level UK91456
```

In the following example, the value HIP6190 specifies that the catalog should be at the same release level.

```
EZYFS32I The catalog /usr/lib/nls/msg/C /ftpdmsg.msg must be at service level HIP6190
```

EZYFS33I**FTP will remove *type* sequence numbers from input commands**

Explanation

FTP is configured with the value TRUE on the SEQNUMSUPPORT parameter in the FTP.DATA file. Sequence numbers that have numerics in columns 1 - 8 on the input command (LEADING) are shifted left by 8 columns prior to processing the command. Sequence numbers that have numerics in the last 8 columns on the input command (TRAILING) have the last 8 columns replaced with blanks.

In the message text:

type

The type of sequence numbers detected. Possible values are:

LEADING

Indicates that columns 1 - 8 of the input contain numeric data; FTP treats this and subsequent records as having a sequence number in these columns. The following is an example of leading sequence numbers:

```
Input command: 00000130 cd /tmp Processed command: cd /tmp
```

TRAILING

Indicates that the last 8 columns of data that was read contains numeric data; FTP treats this and subsequent records as having a sequence number in these columns. The following is an example of trailing sequence numbers:

```
Input command: cd /tmp          00000130    Processed command: cd /tmp
```

System action

FTP continues.

Operator response

No action needed.

System programmer response

This message is issued only when the SEQNUMSUPPORT TRUE value is in effect. Ensure that the SEQNUMSUPPORT TRUE statement in the FTP.DATA file is appropriate for your installation.

User response

Do nothing if you intended to remove sequence numbers and FTP processes the input without errors. If you must deactivate FTP sequence number support, perform one of the following actions:

- If you are making a permanent change, contact the system programmer.
- When FTP runs in batch mode and you cannot change the FTP.DATA file, temporarily concatenate the required command to the FTP.DATA file:

```
//SYSFTPD DD DSN=SYS1.TCPPARMS(FTPDATA),DISP=SHR  CURRENT FTP.DATA FILE
//          DD *
SEQNUMSUPPORT FALSE
/*
```

Problem determination

See the system programmer response.

Source

z/OS Communications Server TCP/IP: FTP

Module

EZYFTPCU

Routing code

10

Descriptor code

12

Example

```
EZYFS33I FTP will remove LEADING sequence numbers from input commands
EZYFS33I FTP will remove TRAILING sequence numbers from input commands
```

EZYFS34W

FTP will not remove *type* sequence numbers

Explanation

FTP is configured with the value FALSE on the SEQNUMSUPPORT parameter in the FTP.DATA file but FTP has detected possible sequence numbers in the input. These sequence numbers are not removed; however, this situation can cause an error in FTP processing.

In the message text:

type

The type of sequence numbers that were detected. Possible values are:

LEADING

A sequence number was detected in columns 1 - 8 of the input record.

TRAILING

A sequence number was detected in the last 8 bytes of the input record.

System action

FTP continues processing the command.

Operator response

No action needed.

System programmer response

To ignore sequence numbers, add the SEQNUMSUPPORT TRUE parameter to the FTP.DATA file.

User response

Determine whether the input FTP subcommands contain sequence numbers. If the input does contain sequence numbers, do one of the following:

- Use an editor and remove sequence numbers.
- Add the SEQNUMSUPPORT TRUE value to the FTP.DATA file.
- When FTP runs in batch mode and you cannot change the FTP.DATA file, temporarily concatenate the required command to the FTP.DATA file:

```
//SYSFTPD DD DSN=SYS1.TCPPARMS(FTPDATA),DISP=SHR CURRENT FTP.DATA FILE
// DD *
```



```
SEQNUMSUPPORT TRUE
/*
```

Problem determination

None.

Source

z/OS Communications Server TCP/IP: FTP

Module

EZAFTPCU

Routing code

10

Descriptor code

12

Example

```
EZYFS34W  FTP will not remove LEADING sequence numbers
EZYFS34W  FTP will not remove TRAILING sequence numbers
```

EZYFS35I**FTP will not remove sequence numbers from input**

Explanation

FTP is configured with the value TRUE on the SEQNUMSUPPORT parameter in the FTP.DATA file. While processing an input file, FTP detected a record that indicated that FTP should stop removing sequence numbers. See the [SEQNUMSUPPORT](#) in [z/OS Communications Server: IP Configuration Reference](#).

System action

FTP processing continues.

Operator response

No action needed.

System programmer response

None.

User response

If a command fails after this message was issued, ensure that the command does not have a sequence number that was interpreted as part of the command.

Problem determination

None.

Source

z/OS Communications Server TCP/IP: FTP

Module

EZAFTPCU

Routing code

10

Descriptor code

12

Example

None.

EZYFS50I **ID=*sessionID* CONN starts Client IPaddr=*ipaddr* hostname=*hostname***

Explanation

This log entry is made by the FTP daemon when it accepts a client connection request. The keyword CONN identifies this entry as a connection log entry.

sessionID uniquely identifies the FTP session between a client and a server. The identifier is created by combining the jobname of the FTP daemon with a 5-digit number in the range 00000–99999. This identifier is in each log entry for the session until message EZYFS52I, which is the last entry for the session.

ipaddr is the IP address of the FTP client. The IP address might be either an IPv4 or an IPv6 address.

hostname is the name of the FTP client. If the name cannot be resolved, UNKNOWN is displayed.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logCONN

EZYFS51I **ID=*sessionID* CONN fails Reason=*reason* Text=*text***

Explanation

This log entry is made by the FTP daemon or the server when a connection request fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

reason is a number code for the failure.

text is an explanation of the failure.

System action

The FTP connection ends.

Operator response

None.

System programmer response

Use the reason code in the log entry to choose from the following responses:

- 1** Examine your FTCHKIP user exit to determine why the connection was rejected.
- 2** If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 3** If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 4** If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 5** If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 6** If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.
- 7** Restart the daemon with a larger region size and ask the client to connect again to the server.
- 8** Restart the daemon with a larger region size and ask the client to connect again to the server.
- 9** Restart the daemon with a larger region size and ask the client to connect again to the server.
- 10** Contact the IBM support center and provide the log entry message number and reason number of the failure.
- 11** Restart the daemon with a larger region size and ask the client to reconnect to the server.

FTP sessions that are created as a result of a port scanner application testing for server response are likely to have this message logged for those sessions. The reason code will vary depending on the timing of the scanner's disconnection process, with codes 2-6 being the most likely. To verify that a test for server response is the cause, check for that application running on the IP address reported in the associated EZYFS50I message and verify that the times correlate with its activities.

Module

EZAFTPBU

Procedure name

logCONN

EZYFS52I	ID=<i>sessionID</i> CONN ends Input=<i>bytesIn</i> Output=<i>bytesOut</i>
-----------------	--

Explanation

This log entry is made by the FTP server when an FTP session with the client ends. The keyword CONN identifies this entry as a connection log entry.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

bytesIn is the count, in bytes, of the data that was transferred into the server with the data transfer commands (STOR, STOU, and APPE).

bytesOut is the count, in bytes, of the data that was transferred from the server with the data transfer command (RETR) and the list commands (LIST and NLST).

If a count is greater than or equal to one gigabyte (that is, 1,073,741,824 bytes), the count is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1,073,741,824 bytes is displayed as 1.00 GB
- 2,147,483,648 bytes is displayed as 2.00 GB
- 2,415,919,104 bytes is displayed as 2.25 GB

System action

The FTP connection ends.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logCONN

EZYFS54I	ID=<i>sessionID</i> SECURE OK Mechanism=<i>mechanism</i>
-----------------	---

Explanation

This log entry is made by the FTP server to indicate that the connection with the client is protected by a security mechanism.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

mechanism is either TLS, TLS-P, or GSSAPI.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logSECURE

EZYFS55I	ID=<i>sessionID</i> SECURE fails Reason=<i>reason</i> Text=<i>text</i>
-----------------	---

Explanation

This log entry is made by the FTP server when a request for security protection fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

reason is a number code for the failure

text is an explanation of the failure.

System action

FTP continues.

Operator response

None.

System programmer response

Use the reason code number in the message to determine your action as follows:

1

If your installation wants to provide TLS security for FTP connections, add the EXTENSIONS AUTH_TLS and the KEYRING statements to your FTP.DATA file and restart the FTP daemon. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session and handle appropriately for your installation.

2

If your installation wants to allow private data connections with TLS secure connections, change the SECURE_DATACONN statement in your FTP.DATA file to CLEAR or PRIVATE and restart the FTP daemon. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session with private data connections and handle appropriately for your installation.

3

If your installation wants to provide Kerberos security for FTP connections, add the EXTENSIONS AUTH_GSSAPI statement to your FTP.DATA file and restart the FTP daemon. See the [z/OS Communications Server: IP Configuration Guide](#) for more information. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session and handle appropriately for your installation.

4

Use the MODIFY operator command to set the FTP server trace as follows: MODIFY jobname,DEBUG=(SOC(3),SEC). Then ask the client to try to connect to the FTP server again. Contact the IBM support center and provide the server trace and the log entry message.

5

If your installation wants to allow the USER command before the session is protected by a security mechanism, add the SECURE_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command before the USER command is sent.

6

If your installation wants to allow the PASS command before the session is protected by a security mechanism, add the SECURE_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command before the PASS command is sent.

7

If your installation wants to allow commands before the session is protected by a security mechanism, add the SECURE_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command as the first command.

8

If GSSAPI connections are required, provide an FTP server that supports the IPv4 transport.

Module

EZAFTPBU

Procedure name

logSECURE

EZYFS56I

ID=*sessionID* ACCESS OK USERID=*userid*

Explanation

This log entry is made by the FTP server to indicate a successful verification of the user that logged in with the USER command. If the client changes the user ID during the session with another USER command, another ACCESS entry is made to record the new user ID.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

userid is the name that was entered on the USER command

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logACCESS

EZYFS57I	ID=<i>sessionID</i> ACCESS fails USERID=<i>userid</i> Reason=<i>reason_code</i> Text=<i>text</i>
-----------------	---

Explanation

This log entry is made by the FTP server when the access verification fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

userid is the login name (user ID).

reason_code is the code that corresponds to the failure.

text is an explanation of the failure.

System action

FTP continues. The client is still in session but is not logged in.

Operator response

None.

System programmer response

Use the *reason_code*, described in the following table, to determine your response. If the identity of the client is needed, use the log entry message EZYFS50I for this session ID to determine the identity of the FTP client that is accessing the FTP server with the USER or PASS command. If an FTP server trace is needed, ensure that the ACC trace option is activated for the server trace before the client logs in. Use the MODIFY operator command or an FTP.DATA file statement to activate the trace.

reason_code	System programmer response
1	Ask the client to reissue the USER and PASS commands, using the correct format of the old_password/new_password/new_password on the PASS command.
2	Ask the client to reissue the USER and PASS commands, using the same password for both occurrences of new password .
3	The FTCHKPWD user exit of your installation rejected the user ID. Update the exit to accept the user ID.
4	Ask the client to reissue the USER and PASS commands, using the correct password for the user ID.

reason_code	System programmer response
5	Ask the client to reissue the USER and PASS commands with valid user ID and password values.
6	Ensure that programs being loaded from the address space of the FTP server are defined as program controlled. A corresponding ICH420I message is issued to identify the uncontrolled library where the load was done.
7	Ask the client to reissue the USER and PASS commands, using the format of old_password/new_password/new_password on the PASS command to provide a new password for the user ID.
8	Ask the client to reissue the USER and PASS commands, using the format of old_password/new_password/new_password on the PASS command with a new password that meets the installation's requirements for passwords.
9	Typically, this code indicates that user access was denied by SAF services. For example, a user tried to log in to FTP with a user ID that was revoked. If your security product is IBM RACF, you can use the <i>reason_code</i> value associated with this code to determine why the user access was denied. The <i>reason_code</i> value contains the RACF return code and reason codes from the RACROUTE REQUEST=EXTRACT service. See the system macro information in z/OS Security Server RACROUTE Macro Reference for descriptions of the return and reason codes.
10	Determine why the user ID is no longer known, or ask the client to reissue the USER and PASS commands with a user ID that is known to the system.
11	Access to the user database by user ID is a function provided by the getpwnam() function of the operating system. Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
12	The process group ID is set by the setgid() function of the operating system. If the FTP server ACC trace was active when the setgid() failed, the server made a trace entry with the errno of the failure. The errno is the UNIX System Services return code. These return codes are listed and described in the Return codes (errno) in z/OS UNIX System Services Messages and Codes . Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
13	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
14	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
15	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
16	Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.
17	<p>Your installation has defined in the security product (for example, RACF) a SERVAUTH class and a profile for the port as follows: EZB.FTP.systemname.ftpd daemonname.PORTxxxxx where xxxxx is the port number of the FTP daemon. The user login is denied because of the following:</p> <ul style="list-style-type: none"> • The session is protected by TLS. • The FTP.DATA file has the statement SECURE_LOGIN VERIFY_USER. • The user ID does not have read access to the profile. <p>Give the user ID read access to the profile if the user needs to use TLS security.</p>

reason_code	System programmer response
18	The connection is protected by TLS security. However, the client did not send a certificate to the FTP server during the TLS handshake process. Either the client must send a certificate or you should change the FTP.DATA file statement to SECURE_LOGIN NO_CLIENT_AUTH.
19	The USER command is disabled for this client. Inform the client that he must end his current FTP session and connect again to provide the USER command and the PASS command with the correct password.
20	To allow anonymous logins with an active security mechanism, code the ANONYMOUSLEVEL statement in FTP.DATA file with a value greater than 2.
21	Determine whether the certificate or ticket used to authenticate the user is associated in the security product with a different user.
22	The server received a PASS command from the client that did not include a password. If your FTP client is z/OS, enter a password when prompted by the FTP client. For other FTP clients, consult vendor documentation.
23	To allow clients to switch between users, code the ANONYMOUSLEVEL statement in the FTP.DATA file with a value less than 3.
24	To allow anonymous logins with the initial filetype, code the ANONYMOUSFILETYPEJES, ANONYMOUSFILETYPESEQ, and ANONYMOUSFILETYPESQL statements to be consistent with the FILETYPE statement in the FTP.DATA file.
25	To allow anonymous logins, code the ANONYMOUSFILEACCESS statement to be consistent with the STARTDIRECTORY statement in the FTP.DATA file.
26	Ask the client to reissue the USER and PASS commands by using the correct format of e-mail address on the PASS command.
27	Ask the client to reissue the USER command with a valid user name.
28	The connection is protected by Kerberos security. Determine whether the ticket used to authenticate the user is associated in the security product with a different user.

Module

EZAFTPBU

Procedure name

logACCESS

EZYFS58I

ID=*sessionID* ALLOC permission denied MVS DSN=*dsname*

Explanation

This log entry is made by the FTP server when it determines through the use of a SAF-compliant security product (for example, RACF) that the end user does not have permission to access the MVS data set for the command that is being processed.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

dsname is the full MVS name of the data set.

System action

The MVS data set is not allocated.

Operator response

None.

System programmer response

If the user should be allowed to access the data set, update the security product to give permission for access to the MVS data set to the user identified in the log entry message EZYFS56I. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting access to the data set and handle appropriately for your installation.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS59I	ID=<i>sessionID</i> ALLOC permission denied HFS filename=<i>filename</i>
-----------------	---

Explanation

This log entry is made by the FTP server when it determines that the end user does not have permission to access the z/OS UNIX file for the command that is being processed.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

filename is the full z/OS UNIX file name of the file.

System action

The z/OS UNIX file is not allocated.

Operator response

None.

System programmer response

If the user should be allowed to access the file, update the permissions of the file and any directories in the path to allow access to the z/OS UNIX file for the user identified in the log entry message EZYFS56I. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting access to the file and handle appropriately for your installation.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS60I	ID=<i>sessionID</i> ALLOC OK action MVS DSN=<i>dsname</i>
-----------------	--

Explanation

This log entry is made by the FTP server when it successfully allocates an MVS data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates whether a new data set was created during allocation or an existing data set was used. The values for action are the following:

Create

A new data set was created.

Use

An existing data set was used.

dsname is the full MVS name of the data set.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS61I	ID=<i>sessionID</i> ALLOC DDNAME=<i>ddname</i> VOLSER=<i>volser</i> DSORG=<i>dsorg</i> DISP=(<i>disp</i>)
-----------------	--

Explanation

This log entry provides additional information about an MVS data set allocation.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

ddname is the ddname associated with the allocation.

volser is the first volume serial number associated with the allocation.

dsorg is the data set organization of the data set. Examples are DSORG=PS (physical sequential) and DSORG=PO (partitioned).

disp is the status and disposition of the allocation. Examples are DISP=(NEW,CATLG,CATLG) when a new data set is created and DISP=(SHR,KEEP) when an existing data set is retrieved.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS62I	ID=<i>sessionID</i> ALLOC SMS Storclas=<i>storclass</i> Mgmtclas=<i>mgmtclass</i> Dataclas= <i>dataclass</i>
-----------------	---

Explanation

This log entry provides additional information about an allocation for a new MVS data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

storclass is the storage class of a new SMS-managed data set.

mgmtclass is the management class of a new SMS-managed data set.

dataclass is the data class of a new SMS-managed data set.

System action

FTP continues.

Operator response

None

System programmer response

None.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS63I	ID=<i>sessionID</i> ALLOC fails <i>action</i> MVS DSN=<i>dsname</i>
-----------------	--

Explanation

This log entry is made by the FTP server when it attempts to allocate an MVS data set and the allocation fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates whether a new data set was to be created during allocation or an existing data set was to be used. The values for action are the following:

Create

Create a new data set.

Use

Use an existing data set.

dsname is the full MVS name of the data set.

System action

The MVS data set is not allocated.

Operator response

None.

System programmer response

Look for log entry messages EZYFS64I and EZYFS65I for additional information.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS64I**ID=*sessionID* ALLOC SVC 99 RC=*rc* ERROR=*err* INFO=*info***

Explanation

This log entry provides additional information about an unsuccessful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](#).

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

rc is the DYNALLOC Return Code when the allocation failed.

err is the hexadecimal DYNALLOC Error Reason Code returned when the allocation failed.

info is the hexadecimal DYNALLOC Information Reason Code returned when the allocation failed.

System action

The MVS data set is not allocated.

Operator response

None.

System programmer response

See the Error Reason Codes table in the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for the meaning and action to be taken for the error. Also, look for the log entry message EZYFS65I for additional information.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS65I**ID=*sessionID* ALLOC Message=*text***

Explanation

This log entry provides additional information about an unsuccessful allocation of an MVS data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

text is the text of an extracted message from dynamic allocation. The following are examples of the failure messages that are extracted when the FTP server attempts to write to a data set that is currently being edited:

```
EZYFS65I FTP ID=FTPD100001 ALLOC Message=IKJ56225I DATA SET USER33.TEST.S.ALLOC.A1
ALREADY IN USE, TRY LATER+
EZYFS65I FTP ID=FTPD100001 ALLOC Message=IKJ56225I DATA SET IS ALLOCATED TO ANOTHER JOB OR USER
```

The IKJ56225I message numbers are data management numbers associated with dynamic allocation.

System action

The MVS data is not allocated.

Operator response

None.

System programmer response

Look at the log entry for message EZYFS64I for additional information.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS66I**ID=*sessionID* ALLOC SVC 99 S99ERSN = *reason***

Explanation

This log entry provides additional information about an unsuccessful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](#).

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

reason is the hexadecimal SMS error reason code S99ERSN.

System action

The MVS data set is not allocated.

Operator response

Contact the system programmer.

System programmer response

See [z/OS MVS Programming: Authorized Assembler Services Guide](#) for the SMS error reason codes and their meanings. Also, look for the log entry messages EZYFS64I and EZYFS65I for additional information.

Module

EZAFTPGU

Procedure name

logALLOC

EZYFS67I	ID=<i>sessionID</i> ALLOC OK <i>action</i> HFS filename=<i>filename</i>
-----------------	--

Explanation

This log entry is made by the FTP server when it successfully allocates a z/OS UNIX file.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates whether a new file was created during allocation or an existing file was used. The values for action are the following:

Create

A new file was created.

Use

An existing file was used.

filename is the full z/OS UNIX file name.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS68I	ID=<i>sessionID</i> ALLOC fails <i>action</i> HFS filename=<i>filename</i>
-----------------	---

Explanation

This log entry is made by the FTP server when it attempts to allocate a z/OS UNIX file and the allocation fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates whether a new file was to be created during allocation or an existing file was to be used. The values for *action* are the following:

Create

Create a new file.

Use

Use an existing file.

filename is the full z/OS UNIX file name.

System action

The z/OS UNIX file is not allocated.

Operator response

None.

System programmer response

Look for log entry message EZYFS69I for additional information.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS69I **ID=*sessionID* ALLOC Errno=*err* Text=*text***

Explanation

This log entry provides additional information about an unsuccessful allocation for a z/OS UNIX file.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

err is the errno value that is returned from the `fopen()` function that attempted the allocation.

text is a description of the error.

System action

FTP continues.

Operator response

None.

System programmer response

See the [z/OS C/C++ Runtime Library Reference](#) for a description of the failure errno values for the `fopen()` function. *errnos* are the UNIX System Services return codes. These return codes are listed and described in the [Return codes \(errnos\) in z/OS UNIX System Services Messages and Codes](#). If you are not able to correct the problem using the failure descriptions, contact the IBM support center and provide the log entry message number and *errno* value of the failure.

Module

EZAFTPBU

Procedure name

logALLOC

EZYFS70I

ID=*sessionID* DEALL OK *action* MVS DSN=*dsname*

Explanation

This log entry is made by the FTP server when it successfully deallocates an MVS data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates the action taken when the data set was deallocated. The following are the values for action:

Release

Deallocate and keep the data set.

Delete

Deallocate and delete the data set.

A data set is usually released at the end of a transfer command. The exception is when a newly created data set is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. An MVS data set is also deallocated with delete when the DELE command is processed by the server.

dsname is the full MVS name of the data set.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS71I

ID=*sessionID* DEALL fails *action* MVS DSN=*dsname*

Explanation

This log entry is made by the FTP server when it attempts to deallocate an MVS data set and the deallocation fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates the action taken when the data set was deallocated. The following are the values for action:

Release

Deallocate and keep the data set.

Delete

Deallocate and delete the data set.

A data set is usually released at the end of a transfer command. The exception is when a newly created data set is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. An MVS data set is also deallocated with delete when the DELE command is processed by the server.

dsname is the full MVS name of the data set.

System action

The MVS data set is not deallocated.

Operator response

None.

System programmer response

Look for log entry message EZYFS72I for additional information.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS72I **ID=*sessionID* DEALL SVC 99 RC=*rc* ERROR=*err* INFO=*info***

Explanation

This log entry provides additional information about an unsuccessful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](#).

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

rc is the decimal DYNALLOC Return Code when the deallocation failed.

err is the decimal DYNALLOC Error Reason Code returned when the deallocation failed.

info is the hexadecimal DYNALLOC Information Reason Code returned when the deallocation failed.

System action

The MVS data set is not deallocated.

Operator response

None.

System programmer response

See the Error Reason Codes table in the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for meaning and action to be taken for the error.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS73I**ID=*sessionID* DEALL SVC 99 S99ERSN = *reason***

Explanation

This log entry provides additional information about an unsuccessful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](#).

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

reason is the hexadecimal SMS error reason code S99ERSN.

System action

The MVS data set might not be deallocated correctly.

Operator response

Contact the system programmer.

System programmer response

See [z/OS MVS Programming: Authorized Assembler Services Guide](#) for the SMS error reason codes and their meanings. Also, look for the log entry message EZYFS72I for additional information.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS74I**ID=*sessionID* ALLOC SVC 99 S99INFO = *info***

Explanation

This log entry provides additional information about a successful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](#).

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

info is the hexadecimal informational reason code S99INFO.

System action

The MVS data set is allocated. FTP continues.

Operator response

Contact the system programmer.

System programmer response

The S99INFO information reason code provides additional information about any errors that occurred during the allocation that did not cause the allocation to fail. See the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for a description of the S99INFO value.

Module

EZAFTPGU

Procedure name

logALLOC

EZYFS75I **ID=*sessionID* DEALL SVC 99 S99INFO = *info***

Explanation

This log entry provides additional information about a successful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](#).

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

info is the hexadecimal informational reason code S99INFO.

System action

The MVS data set is deallocated. FTP continues.

Operator response

Contact the system programmer.

System programmer response

The S99INFO information reason code provides additional information about any errors that occurred during the deallocation that did not cause the deallocation to fail. See the [z/OS MVS Programming: Authorized Assembler Services Guide](#) for a description of the S99INFO value.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS77I **ID=*sessionID* DEALL OK *action* HFS filename=*filename***

Explanation

This log entry is made by the FTP server when it successfully deallocates a z/OS UNIX file.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates the action taken when the file was deallocated. The following are the values for action:

Release

Deallocate and keep the file.

Delete

Deallocate and delete the file.

A file is usually released at the end of a transfer command. The exception is when a newly created file is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. A file is also deallocated and deleted when the DELE command is processed by the server.

filename is the full z/OS UNIX file name.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS78I **ID=*sessionID* DEALL fails *action* HFS filename=*filename***

Explanation

This log entry is made by the FTP server when it attempts to deallocate a z/OS UNIX file and the deallocation fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates the action taken when the file was deallocated. The following are the values for action:

Release

Deallocate and keep the file.

Delete

Deallocate and delete the file.

A file is usually released at the end of a transfer command. The exception is when a newly created file is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. A file is also deallocated and deleted when the DELE command is processed by the server.

filename is the full z/OS UNIX file name.

System action

The file is not deallocated.

Operator response

None.

System programmer response

Look for log entry message EZYFS79I for additional information.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS79I **ID=*sessionID* DEALL Errno=*err* Text=*text***

Explanation

This log entry provides additional information about an unsuccessful deallocation for a z/OS UNIX file.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

err is the errno value that is returned by the function that was used to deallocate the file.

text is a description of the error.

System action

FTP continues.

Operator response

None.

System programmer response

Look for message EZYFS78I that precedes this message in the log. If the action in the message is Release, the function `fclose()` was used to deallocate the file. If the action in the message is Delete, the function `remove()` was used to deallocate the file. The [z/OS C/C++ Runtime Library Reference](#) describes the failure values for the `fclose()` and `remove()` functions. If you are not able to correct the problem using the failure descriptions, contact the IBM Software Support Center and provide the log entry message number, the *errno* value, and the description of the failure.

Module

EZAFTPBU

Procedure name

logDEALL

EZYFS80I **ID=*sessionID* TRANS Reply=*reply***

Explanation

This log entry is the last entry made by the FTP server for a data transfer command process. It logs the reply that is sent to the client to report the completion of the data transfer.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

reply is data that begins with a 3-digit reply code followed by the text for the reply. The first digit of the 3-digit reply indicates success or failure defined as follows:

- 2** Positive Completion reply. The requested action has been successfully completed.
- 4** Transient Negative Completion reply. The command was not accepted and the requested action did not take place, but the error condition is temporary and the action might be requested again.
- 5** Permanent Negative Completion reply. The command was not accepted and the requested action did not take place.

For more information about FTP reply codes, see RFC 959. See [Appendix A, “Related protocol specifications,”](#) on [page 1105](#) for information about accessing RFCs.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logTRANS

EZYFS81I **ID=*sessionID* TRANS MVS DSN=*dsname***

Explanation

This log entry is the first entry made by the FTP server for a data transfer command process for an MVS data set. It logs the name of the MVS data set that the server is sending from or receiving into.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

dsname is the full MVS name of the data set.

System action

FTP continues.

Operator response

None

System programmer response

None.

Module

EZAFTPBU

Procedure name

logTRANS

EZYFS82I **ID=*sessionID* TRANS HFS filename=*filename***

Explanation

This log entry is the first entry made by the FTP server for a data transfer command process for a z/OS UNIX file. It logs the name of the z/OS UNIX file that the server is sending from or receiving into.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

filename is the full z/OS UNIX file name.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logTRANS

EZYFS83I **ID=*sessionID* TRANS Stru=*stru* Mode=*mode* Type=*type* Input=*bytesIn***

Explanation

This log entry contains information about an input data transfer from the perspective of the FTP server. Processing for a STOR, STOU, or APPE command results in an input data transfer.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

stru is the data structure for the transfer. The following are the values for *stru*:

F
file structure

R
record structure

mode is the transmission mode. The following are the values for *mode*:

S
stream mode

B
block mode

C
compressed mode

type is the data type. The following are the values for *type*:

A
ASCII

E
EBCDIC

I
binary (image)

U
UCS2

B
DBCS

bytesIn is the number of bytes transferred on the data connection for this command. If a number is greater than or equal to one gigabyte (that is, 1 073 741 824 bytes), the number is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1 073 741 824 bytes is displayed as 1.00 GB
- 2 147 483 648 bytes is displayed as 2.00 GB
- 2 415 919 104 bytes is displayed as 2.25 GB

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logTRANS

EZYFS84I	ID=<i>sessionID</i> TRANS Stru=<i>stru</i> Mode=<i>mode</i> Type=<i>type</i> Output=<i>bytesOut</i>
-----------------	--

Explanation

This log entry contains information about an output data transfer from the perspective of the FTP server. Processing for a RETR command results in an output data transfer.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

stru is the data structure for the transfer. The following are the values for *stru*:

- F** file structure
- R** record structure

mode is the transmission mode. The following are the values for *mode*:

- S** stream mode
- B** block mode
- C** compressed mode

type is the data type. The following are the values for *type*:

- A** ASCII
- E** EBCDIC
- I** binary (image)
- U** UCS2
- B** DBCS

bytesOut is the number of bytes transferred on the data connection for this command. If a number is greater than or equal to one gigabyte (that is, 1 073 741 824 bytes), the number is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1 073 741 824 bytes is displayed as 1.00 GB
- 2 147 483 648 bytes is displayed as 2.00 GB
- 2 415 919 104 bytes is displayed as 2.25 GB

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logTRANS

EZYFS85I

ID=*sessionID* TRANS JES JobID=*jobid* DDNAME=*ddname*
SpoolFile=*spool*

Explanation

This log entry is the first entry made by the FTP server for a data transfer that returns the output from a job when the FTP filetype is JES.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

jobid is the job identifier associated with the JES job.

ddname is the ddname associated with spool file.

spool is the name of the spool file.

This message is followed in the log by a message EZYFS84I and EZYFS80I.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logTRANS

EZYFS86I **ID=***sessionID* **TRANS** *Confidence=confidence_level*

Explanation

This log entry is written by the FTP server to report the confidence level in the successful completion of a file transfer when CHKConfidence TRUE is specified or defaulted to in the server FTP.DATA data set. The preceding message EZYFS81I or EZYFS82I contains the name of the data set or file being stored by the server.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

confidence_level is the level of confidence that the FTP server has in the completion of the transfer. Values for *confidence_level* are:

High

While successful completion of the transfer cannot be guaranteed, the FTP server did not detect a reason to doubt completion of the transfer.

NoEOF

The FTP server detected a missing EOF marker in a STRU R or MODE B or C inbound file. This level is reported only when no other problem is detected.

Low

The FTP server detected a problem with completion of the transfer such as the failure of the client to respond after the transfer or another reported error. Low overrides NoEOF if both conditions are present.

Unknown

This confidence level is reported when the direction of the file transfer was outbound. If an error occurs while shutting down the data connection, then confidence in an outbound transfer will be reported as **Low**.

In all other cases, the confidence level is reported as **Unknown** because the server cannot perform any other checks on an outbound transfer.

System action

FTP continues.

Operator response

Check to see whether the transfer completed successfully and try again, if necessary.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logTRANS()

EZYFS91I **ID=*sessionID* SUBMIT JES JobID=*jobid***

Explanation

This log entry is made by the FTP server for a data transfer that submitted a job when the FTP filetype is JES. *sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

jobid is the job identifier associated with the JES job. The job identifier is used later by the client end user to retrieve the output of the submitted job.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logSUBMIT

EZYFS92I **ID=*sessionID* QUERY SQL filename=*filename***

Explanation

This log entry is the first entry made for a data transfer of a report requested when the FTP filetype is SQL.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

filename is the full z/OS UNIX file name or MVS data set name that contains the select statement used to make the query.

This message is followed in the log by messages EZYFS84I and EZYFS80I.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPBU

Procedure name

logQUERY

EZYFS95I **ID=*sessionID* ABEND *action* COMP_CODE=*code* DSN=*dsname***

Explanation

This log entry records the system completion code when an ABEND occurs during an event for an MVS data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action is the name of the operation in progress when the failure occurred. The values are READ, WRITE, and CLOSE.

code is the ABEND completion code.

dsname is the full MVS name of the data set.

The following is an example of an ABEND message that occurs when the receiving data set is too small to hold the data that is transferred:

```
EZYFS95I ID=FTPDJG100001 ABEND WRITE COMP_CODE=D37-04 DSN=USER33.T00BIG
```

System action

FTP continues.

Operator response

None.

System programmer response

See the [z/OS MVS System Codes](#) for the system programmer response for the completion code in this message.

Module

EZAFTPBU

Procedure name

logABEND

EZYFT01I

Unable to open message catalog '*message catalog*'. *error text*. Using FTP's default messages.

Explanation

An attempt was made to open the FTP server's message catalog (named 'ftpdmsg.cat') in the directory determined by the NLSPATH and LANG environment variables, but the catalog could not be opened for the reason explained in *error text*.

System action

Processing continues. Default messages will be used.

Operator response

None.

System programmer response

If a message catalog is required, stop the server, correct the problem as indicated by the *error text*, and restart the server.

Module

EZAFTPDM

EZYFT02E

Filename exceeds maximum valid length of *max*.

Explanation

The FTP server was processing a statement in the FTP.DATA file that requires a file name, such as SBDATACONN or SOCKSCONFIGFILE. The file name specified is longer than *max* characters. This message is preceded by message EZYFT46E which locates the error in the FTP.DATA file. The keyword is ignored and the FTP server continues with the next keyword.

System action

FTP continues.

Operator response

None.

System programmer response

Correct the file name provided on the statement in the FTP.DATA file. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT04E**Invalid syntax. The syntax must be: (value1,value2)****Explanation**

The value provided for a statement in the FTP.DATA file does not have valid syntax. This message is preceded by message EZYFT46E which locates the error in the FTP.DATA file.

System action

The statement is ignored. Processing continues.

System action

Processing continues.

Operator response

Contact the System programmer with both messages to have the FTP.DATA file corrected.

System programmer response

Use the EZYFT46E message to locate the error in the FTP.DATA file, and correct the error described by this message.

Module

EZAFTPEP

EZYFT05I***Volume_serial_list* is not a valid VOLUME parameter.****Explanation**

While processing the VOLUME statement in the FTP.DATA file, a syntax error was detected in *volume_serial_list*.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues.

Operator response

Contact the System programmer with the error message to correct the FTP.DATA file.

System programmer response

Correct the FTP.DATA file to contain the correct value for *volume_serial_list*. See the [z/OS Communications Server: IP Configuration Reference](#) for more information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata()

EZYFT06I**Using internal messages for replies because there is no reply catalog available.**

Explanation

FTP was unable to locate or open a reply catalog (ftpdrrply.cat). The reply texts contained within the FTP modules will be used for FTP replies.

System action

Processing continues.

Operator response

None.

System programmer response

If an external reply catalog is required, either place a copy of ftpdrply.cat in the 'C' subdirectory of your nlspath, or use the REPLYLANGUAGE parameter in the FTP.DATA file to establish one or more reply catalogs to be used. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT07E	UMASK value '<i>value</i>' not a valid octal value
-----------------	---

Explanation

The value, *value*, specified for the UMASK keyword in the FTP.DATA configuration file was not a valid 3 character octal number. The value of the UMASK keyword must be a 3 character octal number in the range of 000 - 777.

System action

The keyword is ignored. Processing continues with the next keyword.

Operator response

Notify the system programmer of the problem.

System programmer response

Correct the value specified for UMASK in the FTP.DATA file. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT08W	Unable to get port number from etc.services : <i>error</i>
-----------------	---

Explanation

The FTP server was unable to retrieve its port number from the etc.services file. *error* is the error message returned by the C run-time library for the failing getservbyname() routine.

System action

Processing continues. The FTP server will attempt to use either the value of the PORT start option, if specified, or the default port of port 21.

Operator response

None.

System programmer response

Verify the search path to the ETC.SERVICES file and verify that an entry exists in the appropriate ETC.SERVICES file for FTP. If the PORT start option is specified, or if PORT 21 is an acceptable default port, this message may be ignored. Otherwise, add an entry for the ftp server to the appropriate etc.services file. See the [z/OS Communications Server: IP Configuration Reference](#) information about configuring the etc.services file for the FTP server.

Module

EZAFTPDM

EZYFT09I	system information for <i>nodename</i>: <i>sysname</i> version <i>version</i> release <i>release</i> (<i>machine</i>)
-----------------	--

Explanation

This is an informational message describing the MVS host which the ftp server is running on. *nodename* is the name of the node within an implementation-specified communication network. *sysname* is the name of the implementation of the operating system. *version* is the version level of the operating system. *release* is the release level of the operating system. *machine* is the name of the hardware type the system is running on.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDM

EZYFT12E	socket error : <i>error</i>
-----------------	------------------------------------

Explanation

The ftp server encountered an error while attempting to create the socket for the control port. *error* is the C run-time library error message returned for the failing socket() call.

System action

If TCP/IP is not available (resource temporarily unavailable), the FTP server will try again in 60 seconds. If any other error has occurred, the FTP server is ended with exit code 0012.

Operator response

None.

System programmer response

If *error* indicates that a resource is temporarily unavailable, ensure that TCP/IP has been started. Otherwise, correct the error indicated by *error* and restart the FTP server.

Module

EZAFTPSK

EZYFT13E	bind error : <i>error</i>
-----------------	----------------------------------

Explanation

The ftp server encountered an error while attempting to bind the socket for the control port. *error* is the C run-time library error message returned for the failing bind() call.

System action

The FTP server is ended.

Operator response

None.

System programmer response

Correct the error indicated by *error*.

Module

EZAFTPSD

EZYFT14E	listen error : <i>error</i>
-----------------	------------------------------------

Explanation

The ftp server encountered an error while attempting to listen on the socket for the control port. *error* is the C run-time library error message returned for the failing listen() call.

System action

The FTP server is ended.

Operator response

None.

System programmer response

Correct the error indicated by *error*.

Module

EZAFTPSK

EZYFT15E	selectex error : <i>error</i>
-----------------	--------------------------------------

Explanation

The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing selectex() call.

System action

The FTP server is ended.

Operator response

None.

System programmer response

Correct the error indicated by *error*.

Module

EZAFTPSK

EZYFT16E	accept error : <i>error</i>
-----------------	------------------------------------

Explanation

The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing accept() call.

System action

The FTP server is ended.

Operator response

None.

System programmer response

Correct the error indicated by *error*.

Module

EZAFTPSK

EZYFT17E	getsockname error : <i>error</i>
-----------------	---

Explanation

The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing getsockname() call.

System action

The FTP server is ended.

Operator response

None.

System programmer response

Correct the error indicated by *error*.

Module

EZAFTPSK

EZYFT18I Using catalog '*catalog*' for FTP messages.

Explanation

The messages issued by FTP server or client is retrieved from the message catalog in *catalog*.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDM and EZAFTPCY

EZYFT19E Unrecognized code page name: '*name*'

Explanation

A CTRLCONN statement in the FTP.DATA file has an invalid value. Valid values include '7bit' or name of a code set that is recognized as part of the code set converters used by z/OS UNIX System Services. This message follows message EZYFT46E that provides the location of the error.

System action

The statement is ignored. Processing continues.

Operator response

None.

System programmer response

Use EZYFT46E to locate the error within the FTP.DATA file. See "Code Set Converters Supplied" in [z/OS XL C/C++ Programming Guide](#) for a list of recognized code pages. The code page name must be entered exactly as it appears in the list.

Module

EZAFTPEP

EZYFT20E Invalid parameter length. Maximum length for parameter 1 is *max1*.
Maximum length for parameter 2 is *max2*.

Explanation

An invalid parameter length was encountered while processing a statement in the FTP.DATA file. This message follows message EZYFT46E which provides the location of the error.

System action

The line in FTP.DATA containing the error is ignored. Processing continues.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT21I	Using catalog '<i>file</i>' for FTP replies.
-----------------	---

Explanation

The FTP replies sent to the client by the FTP server will be retrieved from the catalog in *file*.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPEP

EZYFT22E	Unexpected end of file.
-----------------	--------------------------------

Explanation

The FTP server was attempting to load a translation table, but an unexpected end of file occurred while attempting to read the file. This message will be preceded by message EZY2689E which will identify the file being read at the time of the error.

System action

The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response

None.

System programmer response

Determine why end of file was encountered. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

Module

EZAFTPDY

EZYFT23E	No conversion available between CTRLCONN parameter ('<i>parameter</i>') and the FTP server's code page ('<i>codepage</i>').
-----------------	--

Explanation

The FTP server was processing a CTRLCONN parameter in the FTP.DATA file. The parameter value (*parameter*) does not indicate a valid ASCII choice for establishing translate tables for FTP's control connection. Valid values include '7bit' (specified in lower, upper, or mixed case) and single-byte ASCII code set names that are recognized by the iconv function.

System action

The CTRLCONN statement is ignored. The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response

None.

System programmer response

If an iconv-generated translate table is required for the control connection, correct the CTRLCONN statement and restart the FTP server. See [z/OS XL C/C++ Programming Guide](#) for information about supported code set converters and the code set names recognized by iconv.

Note: If the FTP server is running in a double-byte code page, the CTRLCONN parameter cannot be used to establish translate tables for the control connection.

Module

EZAFTPNX

EZYFT24E	Unable to set up conversion between '<i>page1</i>' and '<i>page2</i>'.
-----------------	---

Explanation

The FTP server was processing either a CTRLCONN or SBDATACONN parameter in the FTP.DATA file. A code set converter was successfully opened, but an error occurred while attempting to set up single-byte translate tables using the indicated code sets *page1* and *page2*.

System action

The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response

None.

System programmer response

Valid code sets are listed in the [z/OS XL C/C++ Programming Guide](#) in the section about the code set converters supplied. If the requested code sets are double-byte code sets, the use of CTRLCONN or SBDAACONN to establish translate tables is not supported, and the statement should be removed from the FTP.DATA file. FTP validates the results of ICONV and returns an error if there are missing code points. If the code sets are valid single-byte code sets, an internal error has occurred. Contact the IBM Software Support Center with this message and the FTP trace output, if it is available.

Module

EZAFTPNX

EZYFT25I	Using <i>file</i> for FTP translation tables for the control connection.
-----------------	---

Explanation

file is the name of the file that was used to set up the translate tables for the control connection.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT26I	Using 7-bit conversion derived from '<i>codeset1</i>' and '<i>codeset2</i>' for the control connection.
-----------------	--

Explanation

The FTP server has processed a CTRLCONN statement in the FTP.DATA file. The statement indicated a 7-bit table was required. The code set *codeset1* was used for the ASCII code set, and *codeset2* was used for the EBCDIC code set, but only 7-bit translations appear in the translate table.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT27I	Using conversion between 'codeset1' and 'codeset2' for the control connection.
-----------------	---

Explanation

The FTP server has processed a CTRLCONN statement in the FTP.DATA file. The translate table for the control connection was built using code set *codeset1* for the ASCII code set, and *codeset2* for the EBCDIC code set.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT28W	Unable to use iconv to establish default translate tables for the control connection. Using internal tables.
-----------------	---

Explanation

FTP was unable to use iconv to build 7-bit translate tables based on ISO8859-1 and the current host code set. Internal 7-bit tables will be used. This will occur if the FTP server is running in a double-byte code page and no other translate tables were found in the search order.

System action

Processing continues.

Operator response

None.

System programmer response

If the FTP server is running in a single-byte code page, an internal error has occurred. Contact the IBM support center with this error message and the output from the FTP server trace.

Module

EZAFTPNX

EZYFT29I	Using conversion between 'codeset1' and 'codeset2' for the data connection.
-----------------	--

Explanation

The FTP server has processed a SBADATACONN statement in the FTP.DATA file. The translate table for the data connection was built using code set *codeset1* for the EBCDIC code set, and *codeset2* for the ASCII code set.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT30E	No conversion available between SBADATACONN parameters: '<i>parm1</i>' and '<i>parm2</i>'.
-----------------	---

Explanation

The FTP server was processing an SBADATACONN parameter in the FTP.DATA file. There is no supported code set converter for the code sets *parm1* and *parm2*. Valid code sets for the first SBADATACONN parameter include the single-byte EBCDIC code set names recognized by the iconv function; valid code sets for the second parameter include the single-byte ASCII code set names.

System action

The SBADATACONN statement is ignored. The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translation tables set up for the control connection will also be used for the data connection.

Operator response

None.

System programmer response

If an iconv-generated translate table is required for the data connection, correct the SBADATACONN statement and restart the FTP server. See [z/OS XL C/C++ Programming Guide](#) for information about supported code set converters and the code set names recognized by iconv.

Module

EZAFTPNX

EZYFT31I	Using <i>file</i> for FTP translation tables for the data connection.
-----------------	--

Explanation

file is either the file name or the ddname for the file that was used to build the translate tables for the data connection.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT32I	Using the same translate tables for the control and data connections.
-----------------	--

Explanation

The FTP server was not able to set up translate tables following the search order for the data connection: DD: SYSFTSX, SBDAACONN or XLATE in FTP.DATA, TCPXLBIN file. The same translate table established for the control connection will also be used for the data connection.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT33I	Unable to open DDNAME '<i>ddname</i>' for the data connection: <i>reason</i>
-----------------	---

Explanation

The FTP server attempted to open *ddname* for data connection translate tables, but the open failed for the specified reason.

System action

The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translate tables set up from the control connection will also be used for the data connection.

Operator response

If *ddname* is the required file, correct the error specified by *reason*. If the required translation table is further in the search order, no action is necessary.

System programmer response

If *ddname* is the required file, correct the error specified by *reason*. If the required translation table is further in the search order, no action is necessary.

Module

EZAFTPNX

EZYFT34W

Sigaction for *signal* failed : *error (errno/errnojr)*

Explanation

The FTP server encountered an error while attempting to setup the signal handler for the signal specified by *signal*. If the signal handler is not correctly enabled, the server will continue processing, but certain functions controlled by the failing signal will not function properly. Functions controlled by the signals are:

SIGABND

handler controls error reporting and cleanup functions when an abend occurs. If sigaction fails for SIGABND and an abend occurs, trace information about the abend will be lost and certain resources might not be properly cleaned up.

SIGCHLD

handler controls cleanup of zombie processes when a client connection is ended. If sigaction fails for SIGCHLD, zombie processes will not be cleaned up when a client connection is ended.

SIGTERM

handler controls cleanup of resources during termination. If sigaction fails for SIGTERM, the FTP server will not be cleanly terminated when an MVS operator STOP command is issued or when the server process is killed.

SIGURG

handler controls the processing of Out of Band data, such as the ABOR subcommand. IF sigaction fails for SIGURG, OOB data will not be received or processed by the server.

error is the error returned by the C run-time library for the failing sigaction() call.

errno is the UNIX System Services return code. These return codes are listed and described in the [Return codes \(errno\)](#) in [z/OS UNIX System Services Messages and Codes](#).

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues; however, the functions controlled by the failing signal will not function properly.

Operator response

None.

System programmer response

None.

Module

EZAFTPDM, EZAFTPRX, EZAFTPHC

EZYFT40E

FTP server initialization failed - *error*

Explanation

The FTP server was unable to successfully complete initialization. *error* is the error returned by the C Runtime Library for the failing function.

System action

The FTP server is ended.

Operator response

None.

System programmer response

Correct the error indicated by *error*.

Module

EZAFTPDM

EZYFT41I	Server-FTP: process id <i>pid</i>, server job name <i>jobname</i>
-----------------	--

Explanation

This is an information message indicating the process ID (*pid*) and the server job name (*jobname*) of the FTP server after initialization has completed. The jobname can be used in an MVS operator STOP command to stop the FTP server, or in an MVS operator MODIFY command to control tracing for the ftp server. The process ID can be used in an OMVS "kill" command to terminate the server. The process ID can also be used to identify trace entries for the FTP server in the SYSLOGD output files.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPSK

EZYFT42E	Unable to use file '<i>file</i>' for translate tables for the data connection.
-----------------	---

Explanation

The FTP server was unable to load the translate tables from the file *file* that was specified by an SBADATACONN or XLATE statement in the FTP.DATA file. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

System action

The SBADATACONN or XLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translation tables set up for the control connection will also be used for the data connection.

Operator response

None.

System programmer response

If file specified by the SBADATACONN or XLATE statement is required, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module

EZAFTPNX

EZYFT43E	Unrecognized LOADDBCSTABLES parameter: <i>parameter</i>. Parameter ignored.
-----------------	--

Explanation

The LOADDBCSTABLES statement in the TCPIP.DATA file contains an invalid parameter (*parameter*).

System action

The parameter is ignored by FTP. The rest of the parameters on the statement are processed. Processing continues.

Operator response

None.

System programmer response

Correct the LOADDBCSTABLES statement in the TCPIP.DATA file. If the needed keywords were not already present in the LOADDBCSTABLES statement, stop and restart the FTP server.

Module

EZAFTPDM

EZYFT44E	Translate table is too small.
-----------------	--------------------------------------

Explanation

The FTP server encountered an error while processing a TCPXLBIN file. The file must be exactly 768 bytes in length.

System action

The FTP server continues through the translate table search order, attempting to find a valid translation table.

Operator response

None.

System programmer response

Verify that the TCPXLBIN file being used has the correct format.

Module

EZAFTPDY

EZYFT45E	Translate table is too large.
-----------------	--------------------------------------

Explanation

The FTP server encountered an error while processing a TCPXLBIN file. The file must be exactly 768 bytes in length.

This error will occur if a valid translate table is copied and line control characters are added for each line of the table. (That is, the size of the table is now 771 bytes.)

System action

The FTP server continues through the translate table search order, attempting to find a valid translation table.

Operator response

None.

System programmer response

Verify that the TCPXLBIN file being used has the correct format.

Module

EZAFTPDY

EZYFT46E	Error in name file: line <i>line_number</i> near column <i>column_number</i>
-----------------	---

Explanation

An error was detected in the FTP.DATA file. *name* is the name of the file being used as the FTP.DATA file. This will be either "DD:SYSFTPD", indicating that the FTP.DATA file is the one specified by the SYSFTPD DD statement, or it will be the actual file name if the FTP.DATA file was not the one specified on the SYSFTPD DD statement. *line_number* is the number of the line in the FTP.DATA file which contains the error. *column_number* is the approximate location of the error within the line.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

This message should be followed by another message which describes the error. Contact the System programmer with both messages to have the FTP.DATA file corrected.

System programmer response

This message should be followed by another message which describes the error. Correct the error described by the second message.

Module

EZAFTPEP

EZYFT47I

ftp_data file, line *line_number*: Ignoring keyword "*keyword*".

Explanation

While processing the FTP.DATA file, the FTP server encountered a keyword that was valid for another FTP server or the FTP client, but that is unsupported by this server. Or, the FTP server is ignoring *keyword* because it is inconsistent with another keyword in FTP.DATA.

In the message text:

ftp_data

The name of the file being used as the FTP.DATA file.

line_number

The number of the line in the FTP.DATA file that contains the error.

keyword

The FTP configuration statement that is being ignored.

These keywords are ignored when the default or explicit ANONYMOUSLEVEL value does not support the keyword:

ANONYMOUSHFSFILEMODE
ANONYMOUSHFSDIRMODE
ANONYMOUSFILETYPEJES
ANONYMOUSFILETYPESEQ
ANONYMOUSFILETYPESQL
EMAILADDRCHECK
ANONYMOUSFILEACCESS

These keywords are ignored when ANONYMOUS is not explicitly defined in FTP.DATA.

ANONYMOUSHFSFILEMODE
ANONYMOUSHFSDIRMODE
ANONYMOUSFILETYPEJES
ANONYMOUSFILETYPESEQ
ANONYMOUSFILETYPESQL
EMAILADDRCHECK
ANONYMOUSFILEACCESS
ANONYMOUSLEVEL

These keywords are ignored when the TLSMECHANISM ATTLS parameter is explicitly defined in FTP.DATA.

KEYRING
CIPHERSUITE
TLSTIMEOUT

System action

The FTP server ignores the keyword.

Operator response

Contact the system programmer.

System programmer response

If the FTP.DATA file is used only by the FTP server, and is not shared with another server or client that needs the keyword, remove the keyword from the FTP.DATA file. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT48E

Error opening STDOUT or STDERR to /dev/null : *error*

Explanation

During FTP server initialization, the FTP server attempted to open STDOUT and STDERR to /dev/null. The open was unsuccessful. *error* is the error message returned by the C run-time library.

System action

The FTP server continues; however, without the STDOUT or STDIN file the LIST and NLST commands will be rejected for z/OS UNIX files.

Operator response

Contact the system programmer.

System programmer response

Correct the error indicated by *error*.

Module

EZAFTPDM

EZYFT49I

**Statement *statement* parameter must be one of the following:
*list_of_supported_parameters***

Explanation

A statement in FTP.DATA is coded with a parameter that is not supported.

statement is the statement that is coded incorrectly.

list_of_supported_parameters is a list of parameters that are supported for this statement.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Change statement in FTP.DATA file to specify a supported parameter. See [z/OS Communications Server: IP Configuration Reference](#) for information about supported parameters for statements coded in FTP.DATA.

Module

EZAFTPEP

Procedure name

read_ftpdata()

EZYFT50E

JESRECFM value must be one of: F, V, or *.

Explanation

While processing the FTP.DATA file, the FTP server encountered the JESRECFM parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action

The line containing the JESRECFM parameter is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the value of the JESRECFM parameter in the FTP.DATA file to be a valid record format. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT53E

Unable to execute FTP server load module *module* : *reason*

Explanation

The FTP server issued an `execv()` for the load module named *module* but the `execv()` failed for the specified reason. The FTP server is unable to process incoming connections.

System action

The FTP session for the connecting client is ended. The FTP daemon remains active, awaiting client connections.

Operator response

Contact the system programmer.

System programmer response

Correct the error indicated by *reason*.

Module

EZAFTPSK

EZYFT55E

STARTDIRectory value must be either MVS or HFS.

Explanation

While processing the FTP.DATA file, the FTP Server encountered the STARTDirectory parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action

The line containing the STARTDirectory parameter is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

Correct the value of the STARTDirectory parameter in the FTP.DATA file to be a valid column heading. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT58W	SMF STD overrides <i>smfxxxx</i> on line <i>line</i>
-----------------	---

Explanation

While processing the FTP.DATA file, the FTP Server encountered both SMF STD and SMFxxxx. If SMF STD is coded, none of the SMFxxxx options can be coded.

System action

The line containing the smfxxxx option is ignored. Processing continues with the next line in the file.

Operator response

Contact the system programmer with the error message.

System programmer response

If using SMF STD, remove all SMFxxxx options from FTP.DATA. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

EZYFT59I	FTP shutdown complete.
-----------------	-------------------------------

Explanation

The FTP daemon has been terminated either by an MVS operator STOP command, or by an OMVS kill command. No new FTP sessions will be accepted.

System action

The FTP daemon ends. Any FTP sessions currently active are not effected.

Operator response

None.

System programmer response

None.

Module

EZAFTPDH

EZYFT60I	Both CCXLATE and CTRLCONN were specified. CCXLATE will be ignored.
-----------------	---

Explanation

The FTP daemon has encountered both CCXLATE and CTRLCONN keywords in FTP.DATA. Each is used to specify an initial translate table for the control connection, but CTRLCONN is preferred. When both keywords are present in FTP.DATA, the CTRLCONN value will be used for the server configuration and the CCXLATE value will be ignored.

System action

FTP continues.

Operator response

None.

System programmer response

To avoid this message, remove either the CCXLATE or CTRLCONN statement from the FTP.DATA file.

Module

EZAFTPEP

EZYFT61I	Both XLATE and SBADATACONN were specified. XLATE will be ignored.
-----------------	--

Explanation

The FTP daemon has encountered both XLATE and SBADATACONN keywords in FTP.DATA. Each is used to specify the initial translate table for the data connection, but SBADATACONN is preferred. When both keywords are present in FTP.DATA, the XLATE value will be ignored. The SBADATACONN value will be used for the server configuration unless DD:SYSFTSX has been defined.

System action

FTP continues.

Operator response

None.

System programmer response

To avoid this message, remove either the XLATE or SBADATACONN statement from the FTP.DATA file.

Module

EZAFTPEP

EZYFT62E

Unable to use file '*file*' for translate tables for the control connection.

Explanation

The FTP server was unable to load the translate tables from the file *file* that was specified by a CCXLATE statement in the FTP.DATA file. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

System action

The CCXLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, default 7-bit translate tables will be built.

Operator response

None.

System programmer response

If file specified by the CCXLATE statement is required, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module

EZAFTPNX

EZYFT63E

Unable to use CCXLATE configuration parameter *name*

Explanation

The FTP server was unable either to locate or to use the file determined by the CCXLATE statement in the FTP.DATA file. (The file name is *hlq.name.TCPXLBIN* unless this name was superseded by an environment variable called *_FTPXLATE_name* that defines a file name.) This message will be preceded or followed by another message with additional information. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

System action

The CCXLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, default 7-bit translate tables will be built.

Operator response

None.

System programmer response

If file specified by the CCXLATE statement is required, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module

EZAFTPNX

EZYFT64E

Unable to use XLATE configuration parameter *name*

Explanation

The FTP server was unable either to locate or to use the file determined by the XLATE statement in the FTP.DATA file. (The file name is *hlq.name.TCPXLBIN* unless this name was superseded by an environment variable called `_FTPXLATE_name` that defines a file name.) This message will be preceded or followed by another message with additional information. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

System action

The XLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translate tables established for the control connection will also be used for the data connection.

Operator response

None.

System programmer response

If file specified by the XLATE statement is required, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module

EZAFTPNX

EZYFT65E

Filename defined by environment variable *variable* exceeds the maximum length of *length*

Explanation

The FTP.DATA file contains a 'CCLXATE *name*' (or 'XLATE *name*') statement to specify translate tables for the control (or data) connection, but the `_FTPXLATE_name` environment variable defines a file name that is too long and cannot be used for the translate tables file. This message will be followed by another message that displays the CCXLATE (or XLATE) parameter from FTP.DATA.

System action

The CCXLATE (or XLATE) statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table.

Operator response

None.

System programmer response

If tracing was active when the FTP server was initialized, all existing environment variables will be displayed in the trace. Ensure that the `_FTPXLATE_name` variable is correct and that it specifies a file name that is not longer than *length* characters.

Module

EZAFTPNX

EZYFT67E

UCOUNT value *value* is not valid. Value must be P, or an integer from 1 through 59.

Explanation

While processing the FTP.DATA file, the server encountered the UCOUNT parameter with a value that was not a numeric value from 1 through 59, nor was it the letter P. Only values 1 to 59, or the letter P, are valid values for the UCOUNT parameter.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain a correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata()

EZYFT68I

ANONYMOUSFILEACCESS value must be MVS, HFS, or BOTH

Explanation

While processing the FTP.DATA file, the ANONYMOUSFILEACCESS parameter was encountered with a value other than MVS, z/OS UNIX file system, or BOTH. These are the only valid values for ANONYMOUSFILEACCESS.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the statement in the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata()

EZYFT69I

parameter value value is not valid -- parameter value must be three octal digits

Explanation

While processing the FTP.DATA file, a parameter was encountered that requires a 3-digit octal value. The actual value specified, *value*, is not three octal digits. *Parameter* is the parameter in error.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the parameters of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpdata()

EZYFT70I

SERVER-FTP: ACCEPTING CONNECTIONS

Explanation

The FTP Server is accepting connections from all known common INET (CINET) stacks. This message appears when the MVS operator has just started a CINET stack, and the FTP server has recognized the new stack as well as other CINET stacks active at the time.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPSD

EZYFT71E

operation failed in function - error

Explanation

The FTP server encountered a severe error.

operation is the operation in progress.

function is the C Library function that failed and returned an error.

error is the C run-time library error message for the failure. For more information, see [z/OS Language Environment Runtime Messages](#).

System action

The FTP server ends.

Operator response

Contact the system programmer.

System programmer response

Correct the error indicated by *error*. If you are unable to resolve the problem, contact the IBM Software Support Center and report the contents of this message.

Module

N/A

Procedure name

N/A

EZYFT72I**FTP SERVER SUSPENDING INCOMING CONNECTIONS**

Explanation

The FTP server stopped accepting incoming connections because a common INET (CINET) stack just started. While the FTP server is reinitializing, no connections can be accepted. This condition is temporary. Message EZYFT70I will follow when the FTP server is accepting connections again.

System action

Processing continues.

Operator response

Wait for message EZYFT70I before attempting to connect to the FTP server.

System programmer response

None.

Module

EZAFTPSD

EZYFT73I**ANONYMOUS LOGINS NOT ALLOWED -- REASON IS *reason code***

Explanation

The FTP server found the ANONYMOUS statement in FTP.DATA; however, the server is not allowing anonymous logins due to an FTP configuration error. The *reason code* indicates the nature of the configuration error. Furthermore, the FTP trace will contain messages further describing the error. When reason code is:

- 1
The FTP daemon was unable to locate the anonymous root directory. A possible reason for this is the userid specified on the ANONYMOUS statement is not defined in the user database.
- 2
The FTP daemon was unable to locate the executable file *ls* in the bin subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the [z/OS Communications Server: IP User's Guide and Commands](#).
- 3
The FTP daemon was unable to locate the executable file *sh* in the bin subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the [z/OS Communications Server: IP User's Guide and Commands](#).
- 4
The FTP daemon was unable to locate the executable file *ftpdns* in the */usr/sbin/* subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the [z/OS Communications Server: IP User's Guide and Commands](#).
- 5
ANONYMOUSLEVEL value must be greater than or equal to 3 to support the SURROGATE parameter as an anonymous password.

System action

FTP logs the reason it is not allowing anonymous logins. FTP continues processing. Attempts to log in as userid **anonymous** will fail.

Operator response

Report the error to the system programmer.

System programmer response

If you do not want the FTP server to accept anonymous logins, remove the ANONYMOUS statement from FTP.DATA. If you do want the FTP server to accept anonymous logins, correct the error indicated by *reason code*. Inspecting the FTP trace for error messages related to not allowing anonymous logins might provide useful information. Trace must be active at startup to capture error messages related to anonymous FTP configuration. See [z/OS Communications Server: IP User's Guide and Commands](#) for information about configuring the FTP server for anonymous logins.

Module

EZAFTPDM

EZYFT74I

Using internal translate tables for the control connection.

Explanation

A CTRLCONN statement in the FTP.DATA file specified a value of FTP_STANDARD_TABLE. FTP will use its internal translate tables, which are the same as the tables that are shipped in TCPXLBIN(STANDARD), for the control connection.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT75I	Using internal translate tables for the data connection.
-----------------	---

Explanation

An SBDATACONN statement in the FTP.DATA file specified a value of FTP_STANDARD_TABLE. FTP will use its internal translate tables, which are the same as the tables that are shipped in TCPXLBIN(STANDARD), for the data connection.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPNX

EZYFT76I	EXTensions value <i>value</i> not recognized.
-----------------	--

Explanation

While processing the FTP.DATA file, the server encountered the EXTensions statement with a value that was not SIZE, MDTM, REST_STREAM, AUTH_GSSAPI, AUTH_TLS, or UTF8. Only these values are valid for the EXTensions parameter.

value is the value encountered.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues.

Operator response

Contact the system programmer with the error message to correct the FTP.DATA file.

System programmer response

Correct the FTP.DATA file to contain a valid value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the statements of the FTP.DATA file.

Module

EZAFTPEP

Procedure name

read_ftpData

EZYFT77W

Unable to set address space nonswappable - error

Explanation

The FTP daemon was unable to set its address space to nonswappable as requested in the FTP.DATA file.

error is the error message returned by the C run-time library for the failing `__mlockall()` routine.

System action

Processing continues. The FTP daemon will run with swappable memory.

Operator response

None.

System programmer response

Determine the meaning of the error message using [z/OS Language Environment Runtime Messages](#). If the text of the message is EDC5139I Operation not permitted then verify that the daemon (FTPD) has at least READ access to the FACILITY class resource BPX.STOR.SWAP. See [z/OS Communications Server: IP Configuration Reference](#) for information about configuring the FTP daemon to be nonswappable.

Module

EZAFTPDM

Procedure name

set_nonswap

EZYFT78I

lowport value *lowport* cannot exceed highport value *highport*

Explanation

FTP encountered an error while processing a PASSIVEDATAPORTS statement in the FTP.DATA file. The value specified for the lowest allowed port number is greater than the value specified for the highest allowed port number. This is not allowed.

lowport is the value specified for the lowest allowed port number.

highport is the value specified for the highest allowed port number.

System action

The current statement is ignored. FTP continues processing.

Operator response

Correct the erroneous statement in the FTP.DATA file, and restart FTP. See the [z/OS Communications Server: IP Configuration Reference](#) for information about statements in the FTP.DATA file.

System programmer response

None.

Module

EZAFTPEP

Procedure name

read_ftpdata()

EZYFT79I

TLSRFCLEVEL CCCNONOTIFY is not valid with ATTLS for the FTP client:
Userid *userid* Jobname *jobname* Local site configuration *local_path*

Explanation

TLSRFCLEVEL CCCNONOTIFY has been configured with SECURE_MECHANISM TLS and TLSMECHANISM ATTLS for the FTP client. This combination is not a valid configuration and will be rejected in a future release of IBM z/OS Communications Server. See [z/OS Communications Server: IP Configuration Reference](#) for information on the TLSRFCLEVEL parameter.

In the message text:

jobname

The job name of the FTP client

userid

The user id of the FTP client

local_path

LOCSITE COMMAND

If the TLSRFCLEVEL was changed to CCCNONOTIFY for an FTP client using the LOCSITE command, *local_path* will indicate LOCSITE COMMAND.

name of FTP client configuration file

If TLSRFCLEVEL CCCNONOTIFY is configured in FTP.DATA for the FTP client, *local_path* indicates which FTP.DATA file is being used. *local_path* will either be DD:SYSFTPD, indicating that the SYSFTP DD statement was used for the FTP.DATA file, or it will be the actual name of the file being used. See [z/OS Communications Server: IP Configuration Reference](#) for information about the FTP.DATA file search order.

System action

Processing continues with the current configuration.

Operator response

Contact the system programmer.

System programmer response

The configuration of TLSRFCLEVEL CCCNONOTIFY with TLSMECHANISM ATTLS and SECURE_MECHANISM TLS will be rejected in a future release of z/OS Communications Server. The configuration for this FTP client should be updated to specify TLSRFCLEVEL RFC4217 or TLSRFCLEVEL DRAFT. RFC 4217 was adopted as a standard in 2005.

User response

Not applicable.

Problem determination

See the System Programmer Response.

Module

EZAFTPEP

Routing code

10

Descriptor code

12

Automation

Not applicable for automation.

Example

```
EZYFT79I TLSRFCLEVEL CCCNONOTIFY is not valid with ATTLS for the FTP client: Userid USER13 Jobname  
FTPGET Local site configuration /etc/ftp.data
```

EZYFT80I

MODIFY COMMAND IGNORED - NO VALUE WAS SPECIFIED FOR *trace*

Explanation

A MODIFY command was issued to the FTP server to change the values for the FTP general trace or for the FTP extended trace. No trace value was specified. A command to change a trace must have at least one value specified.

trace is the trace that is being changed and can be one of the following:

DEBUG

FTP general trace

DUMP

FTP extended trace

System action

The command is ignored.

Operator response

Verify that the MODIFY command was entered correctly. See the [z/OS Communications Server: IP Diagnosis Guide](#) for information about diagnosing FTP server problems with traces and for the values of the DEBUG and DUMP parameters of the MODIFY command.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT81I**UNSUPPORTED *trace* VALUES - *value_1* ... *value_n***

Explanation

A MODIFY command was issued to the FTP server to change the values for the FTP general trace or for the FTP extended trace.

trace is the trace that is being changed and can be one of the following:

DEBUG

FTP general trace

DUMP

FTP extended trace

The list shows the values that were specified that are not supported.

System action

The unsupported values are ignored.

Operator response

Verify that the MODIFY command was entered correctly. See the [z/OS Communications Server: IP Diagnosis Guide](#) for information about diagnosing FTP server problems with traces and for the values of the DUMP parameter of the MODIFY command that apply to JES.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT82I**ACTIVE SERVER TRACES - *name_1* ... *name_n***

Explanation

This message displays the active FTP server general traces. This message is issued when a MODIFY command is issued to the FTP server to change the values for the FTP general trace.

name_x can be one of the following:

ACC

access control (logging in)

CMD

command trace

INT

program initialization and termination

FLO

function flow

FSC(1)

file services -- level 1

FSC(2)

file services -- level 2

FSC(3)

file services -- level 3

FSC(4)

file services -- level 4

FSC(5)

file services -- level 5

FSC(6)

file services -- level 6

FSC(7)

file services -- level 7

FSC(8)

file services -- level 8

JES

JES processing

NONE

no trace is active

PAR

parser details

SEC

security functions

SOC(1)

socket services -- level 1

SOC(2)

socket services -- level 2

SOC(3)

socket services -- level 3

SOC(4)

socket services -- level 4

SOC(5)

socket services -- level 5

SOC(6)

socket services -- level 6

SOC(7)

socket services -- level 7

SOC(8)

socket services -- level 8

SQL

SQL processing

UTL

utility functions

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT83I	ACTIVE SERVER DUMPIDS - <i>id_1</i> ... <i>id_n</i>
-----------------	--

Explanation

A MODIFY command was issued to the FTP server to change the values for the FTP extended trace. This message displays the active FTP server extended trace IDs (DUMPIDS). If no extended trace IDs are active, then the word **NONE**. is displayed.

System action

FTP continues.

Operator response

None.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT84I	<i>parameter</i> OBSOLETE - USE DUMP TO CONTROL FTP EXTENDED TRACING FOR JES
-----------------	---

Explanation

A MODIFY command was issued to the FTP server to enable or disable the FTP extended trace for JES processing.

parameter is one of the following:

- JDUMP — enable extended tracing for JES
- NOJDUMP — disable extended tracing for JES

System action

The MODIFY command is ignored.

Operator response

See the [z/OS Communications Server: IP Diagnosis Guide](#) for information about diagnosing FTP server problems with Traces and for the values of the DUMP parameter of the MODIFY command that apply to JES.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT85I	PASSIVEDATACONN value must be UNRESTRICTED or NOREDIRECT
-----------------	---

Explanation

While processing the FTP.DATA file, the server encountered the PASSIVEDATACONN parameter with a parameter value that was not UNRESTRICTED or NOREDIRECT. The only valid values for the PASSIVEDATACONN parameter are NORESTRICED and NOREDIRECT.

System action

The line containing the error is ignored. The default of UNRESTRICTED will be used. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. For more information, see [z/OS Communications Server: IP Configuration Reference](#).

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFT86I	USER TRACE IS OBSOLETE - <i>parameter</i> IS IGNORED
-----------------	---

Explanation

A MODIFY command was issued to the FTP server to activate the user trace. The user trace is obsolete and is replaced by the user ID filter for the FTP server general and extended traces.

parameter is one of the following:

UTRACE

Start user trace

NOUTRACE

Stop user trace

System action

The MODIFY command is ignored.

Operator response

See the [z/OS Communications Server: IP Diagnosis Guide](#) for information about diagnosing FTP Server problems with traces and for the syntax of the user ID filter for the FTP server general and extended traces.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT87I	VALUE NOT SUPPORTED FOR <i>trace</i> STATEMENT
-----------------	---

Explanation

A trace statement in FTP.DATA specified a value that is not supported by FTP.

trace is one of the following:

DEBUG

FTP general trace

DUMP

FTP extended trace

System action

The statement is ignored.

Operator response

See the [z/OS Communications Server: IP Configuration Reference](#) for more information about the DEBUG and DUMP statements and FTP.DATA data set statements. See the [z/OS Communications Server: IP User's Guide and Commands](#) for information about changing local site defaults using FTP.DATA for the FTP client.

System programmer response

None.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFT88I	Both TLSRFCLEVEL CCCNONOTIFY and TLSMECHANISM ATTLS were specified. This combination produces unexpected results.
-----------------	--

Explanation

TLSRFCLEVEL CCCNONOTIFY with TLSMECHANISM ATTLS and EXTENSIONS AUTH_TLS has been configured for the FTP server. The combination is not a valid configuration and will be rejected in a future release of IBM z/OS Communications Server. See [z/OS Communications Server: IP Configuration Reference](#) for information on the TLSRFCLEVEL parameter.

System action

Processing continues with the current configuration.

Operator response

Contact the system programmer.

System programmer response

The configuration of TLSRFCLEVEL CCCNONOTIFY with TLSMECHANISM ATTLS and EXTENSIONS AUTH_TLS will be rejected in a future release of z/OS Communications Server. Update the FTP server configuration to specify TLSRFCLEVEL RFC4217 or TLSRFCLEVEL DRAFT. RFC 4217 was adopted as a standard in 2005.

User response

Not applicable.

Problem determination

See the System Programmer Response.

Module

EZAFTPDM

Routing code

10

Descriptor code

12

Automation

Not applicable for automation.

Example

Not applicable

EZYFT89I**USERID FILTER - *filter***

Explanation

A MODIFY command was issued to the FTP server to change values for the FTP general trace (DEBUG) or extended trace (DUMP).

filter is the name of the filter for the userids for which tracing is active.

System action

None.

Operator response

None.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT90I**IPADDR FILTER - *filter***

Explanation

A MODIFY command was issued to the FTP server to change values for the FTP general trace (DEBUG) or extended trace (DUMP).

filter is the name of the filter for the IP addresses for which tracing is active.

System action

None.

Operator response

None.

System programmer response

None.

Module

EZAFTPDF

Procedure name

mvs_command_handler

EZYFT91I**PORTCOMMAND value must be ACCEPT or REJECT**

Explanation

While processing the FTP.DATA file, the server encountered the PORTCOMMAND parameter with a parameter value that was not ACCEPT or REJECT. The only valid values for the PORTCOMMAND parameter are ACCEPT and REJECT.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for more information about the PORTCOMMAND parameter.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFT92I	PORTCOMMANDPORT value must be UNRESTRICTED or NOLOWPORTS
-----------------	---

Explanation

While processing the FTP.DATA file, the server encountered the PORTCOMMANDPORT parameter with a parameter value that was not UNRESTRICTED or NOLOWPORTS. The only valid values for the PORTCOMMANDPORT parameter are UNRESTRICTED and NOLOWPORTS.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for more information about the PORTCOMMANDPORT parameter.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFT93I	PORTCOMMANDIPADDR value must be UNRESTRICTED or NOREDIRECT
-----------------	---

Explanation

While processing the FTP.DATA file, the server encountered the PORTCOMMANDIPADDR parameter with a parameter value that was not UNRESTRICTED or NOREDIRECT. The only valid values for the PORTCOMMANDIPADDR parameter are NORESTRICTED and NOREDIRECT.

System action

The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](#) for more information about the PORTCOMMANDIPADDR parameter.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFT94I	ANONYMOUSLEVEL value must be greater than or equal to 3 to support the SURROGATE parameter as an anonymous password
-----------------	--

Explanation

In the server FTP.DATA, SURROGATE is defined as the password for anonymous users, and ANONYMOUSLEVEL is less than 3. In order to use SURROGATE as the password for anonymous users, ANONYMOUSLEVEL must be greater than or equal to 3.

System action

The line containing the error is ignored. Anonymous logins will be disabled. FTP continues.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Set the ANONYMOUSLEVEL to 3 or greater. See the [z/OS Communications Server: IP Configuration Reference](#) for more information about ANONYMOUSLEVEL.

Module

EZAFTPDM

Procedure name

check_surrogate_support

EZYFT95I	Server setup for TLS failed
-----------------	------------------------------------

Explanation

The FTP server detected an error condition when it was processing a request for TLS authentication from an FTP client. The error condition prevented the server from completing the request for a TLS protected session.

System action

The request for authentication failed. If a secure FTP session is required by the server, the session is active but no commands are accepted until an AUTH command is successfully processed. If a secure FTP session is not required, the session setup continues but the session is not TLS protected.

Operator response

Contact the system programmer.

System programmer response

Determine the cause of the error by examining the FTP server trace. The SEC trace type should be active before the client attempts to connect to the FTP server. The trace entry that precedes message EZYFT95I in the trace describes the reason for the failure.

The error message is displayed when one of the following has occurred:

- No keyring is defined in the FTP.DATA file for the server or a keyring file name is specified but there is no associated stash file. See [z/OS Communications Server: IP Configuration Reference](#) for more information about KEYRING.
- One of the TLS setup functions used by the FTP server failed. See [z/OS Cryptographic Services System SSL Programming](#) to determine how to obtain diagnostic data for the TLS programming functions.

Module

EZAFTPFR, EZAFTPRX

Procedure name

auth, main

EZYFT96I	TLS handshake failed
-----------------	-----------------------------

Explanation

The FTP server detected an error condition when it was processing a request for TLS authentication from an FTP client. The error condition occurred during the server to client handshake process and prevented the server from completing the request for a TLS protected session.

System action

The request for authentication failed. If a secure FTP session is required by the server, the session is active but no commands are accepted until an AUTH command is successfully processed. If a secure session is not required, the session setup continues but the session is not TLS protected.

Operator response

Contact the system programmer.

System programmer response

Determine the cause of the error by examining the FTP server trace. The SEC trace type and the SOC level 3 trace type must be active before the client attempts to connect to the FTP server. The trace entries that precede this message in this trace describe the reason for the failure.

Module

EZAFTPFR, EZAFTPRX

Procedure name

auth, main

EZYFT97I	SECURE_FTP value must be REQUIRED or ALLOWED
-----------------	---

Explanation

While processing the FTP.DATA file, the server or client encountered the SECURE_FTP statement with a parameter value that was not REQUIRED or ALLOWED. The only valid values are REQUIRED and ALLOWED.

System action

The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the statement. See the [z/OS Communications Server: IP Configuration Guide](#) for information about configuring the FTP server to use the TLS security mechanism.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFT98I	SECURE_LOGIN value must be NO_CLIENT_AUTH, REQUIRED, or VERIFY_USER
-----------------	--

Explanation

While processing the FTP.DATA file, the server encountered the SECURE_LOGIN statement with a parameter value that was not NO_CLIENT_AUTH, REQUIRED, or VERIFY_USER. The only valid values are NO_CLIENT_AUTH, REQUIRED, and VERIFY_USER.

System action

The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response

Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response

Correct the FTP.DATA file to contain the correct value for the statement. See the [z/OS Communications Server: IP Configuration Guide](#) for information about configuring the FTP server to use the TLS security mechanism.

Module

EZAFTPEP

Procedure name

read_ftpdata

EZYFT99I	Domain name unknown. Getaddrinfo() rc <i>getaddrinfo_rc</i>.
-----------------	---

Explanation

The FTP server was not able to determine its domain name because the `getaddrinfo()` resolver call failed.

getaddrinfo_rc is the return code from `getaddrinfo()`. See the [z/OS C/C++ Runtime Library Reference](#) for information about `getaddrinfo()` return codes.

System action

FTP continues processing. The host domain name will not be known to the server.

Operator response

Contact the system programmer with the error.

System programmer response

Ensure that the host name is accessible through a name server, or defined in a local hosts or ipnodes data set. See the [z/OS Communications Server: IP Configuration Guide](#) for information about domain name systems, local hosts data sets, and ipnodes data sets.

Module

ezaftpsd

Procedure name

handle_client_socket()

Chapter 10. EZYPxxxx messages

EZYPR001

There were no records to satisfy the request

Explanation

No records matching the selection criteria were found.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPQ

EZYPR002

Invalid Trace Option, please enter a 1 or 2

Explanation

The value specified in the Trace Option field is not valid.

System action

The system continues processing.

Operator response

Specify a valid value in the Trace Option field and reissue the request. A valid trace option is a "1" or "2".

System programmer response

None.

Module

EZAPPDGP

EZYPR003

Invalid Confirm option, please enter a "/" or clear field

Explanation

The value specified in the Confirm option field is not valid.

System action

The system continues processing.

Operator response

Specify a valid value in the Confirm option field and reissue the request. A valid confirm option is a "/" or blank.

System programmer response

None.

Module

EZAPDCP

EZYPR004	Dataset name must be in valid dataset format
-----------------	---

Explanation

The data entered for the data set name contains an invalid character.

System action

The system continues processing.

Operator response

Enter valid data for the data set name field. The data set name must follow the standard TSO data set naming rules. See [z/OS TSO/E User's Guide](#) for more information.

System programmer response

None.

Module

various

EZYPR005	Delete request for the record was canceled
-----------------	---

Explanation

A delete request was issued for a selected record, but it was canceled by the user. As a result, the record is not deleted.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

various

EZYPR006	Queue record requested not found
-----------------	---

Explanation

The requested queue file record cannot be processed because it does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPQ

EZYPR007	Table has mismatched record(s); record refresh was issued.
-----------------	---

Explanation

For one or more queue file records, a requested operation was not performed because of a mismatch between the data shown on the NPF Queue List panel and the data currently in the record.

System action

For each mismatched record, the requested operation is not performed; the data on the NPF Queue List panel is updated to match the current record data, and a '?' is displayed in the Action column.

Operator response

For each mismatched record, check the updated data on the Queue List panel to determine if the requested operation is still needed. If so, repeat the request.

System programmer response

None.

Module

EZAPPQ.

EZYPR008	Incorrect call to EZAPPQ
-----------------	---------------------------------

Explanation

An invalid call to module EZAPPQ from panel EZAPPMP was issued. Expected parameters in the call might have been missing.

System action

The system continues processing.

Operator response

None.

System programmer response

Contact the IBM Software Support Center.

Module

EZAPPQ

EZYPR009	Cannot create queue table
-----------------	----------------------------------

Explanation

An error occurred during the creation of a queue table. The queue table is used for displaying the list of queue records.

System action

The system continues processing.

Operator response

None.

System programmer response

Contact the IBM Software Support Center.

Module

EZAPPQ

EZYPR010	Queue file open failed
-----------------	-------------------------------

Explanation

Either the queue file cannot be opened, access to the queue file is denied, or the queue file does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Verify the existence of the queue file. If it exists, then determine if the queue file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the queue file is not read-protected and the error still occurs, contact the IBM Software Support Center.

Module

EZAPPQ

EZYPR011	Queue file read failed
-----------------	-------------------------------

Explanation

An error occurred during the attempt to read a queue file record from the queue file.

System action

The system continues processing.

Operator response

None.

System programmer response

Contact the IBM Software Support Center.

Module

EZAPPQ

EZYP014	Queue file update failed
----------------	---------------------------------

Explanation

A requested update to a queue file record could not be completed because of an I/O error.

System action

The system continues processing.

Operator response

None.

System programmer response

Determine the cause of the I/O error and take appropriate action.

Module

EZAPPQ

EZYP015	Invalid return code from ISPF
----------------	--------------------------------------

Explanation

The ISPF dialog management services detected an error during panel processing.

System action

The system continues processing.

Operator response

None.

System programmer response

Contact the IBM Software Support Center.

Module

various

EZYPR016**Invalid command entered****Explanation**

The data entered in the command line area is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Correct the command and reissue the request.

Module

various

EZYPR017**Trace file cannot be opened****Explanation**

Either the trace file cannot be opened, the trace file cannot be dynamically allocated, access to the trace file is denied, or the trace file does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Verify the type of data set prefix used. If the prefix is a TSO user ID, the trace file should be dynamically allocated during the open attempt. If the dynamic allocation failed, contact the IBM Software Support Center. If the prefix is other than a TSO user ID, verify the existence of the trace file. If it exists, then determine if the trace file is write-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the trace file is not write-protected and the error still occurs, contact the IBM Software Support Center.

Module

EZAPPDG

EZYPR018**You do not have access authorization for this dataset****Explanation**

The data set is security protected for read or update by the Resource Access Control Facility (RACF). All access attempts to this data set will be denied.

System action

The system continues processing.

Operator response

None.

System programmer response

Contact your RACF administrator if you want access permission to this data set.

Module

various

EZYPR019	You do not have update authorization for this dataset
-----------------	--

Explanation

The data set is security protected for update by the Resource Access Control Facility (RACF). The data set is available for read-only. You cannot edit a record in the data set, but you can browse a record in the data set.

System action

The system continues processing.

Operator response

None.

System programmer response

Contact your RACF administrator if you want update permission to this data set.

Module

various

EZYPR020	Last Send Time is not valid
-----------------	------------------------------------

Explanation

The value specified in the Last Send Time field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Last Send Time and reissue the request.

Module

EZAPPQRP

EZYPR021	Last Send Date is not valid
-----------------	------------------------------------

Explanation

The value specified in the Last Send Date field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Last Send Date and reissue the request.

Module

EZAPPQRP

EZYPR022	Printer Name must be specified
-----------------	---------------------------------------

Explanation

The value specified in the Printer Name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Printer Name and reissue the request.

Module

various

EZYPR023	Host Name or IP address must be specified
-----------------	--

Explanation

The value specified in the Host Name or IP address field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Host Name or IP address and reissue the request.

Module

various

EZYPR024

Command is not valid for the current record status

Explanation

An operation requested for a queue record was not performed because the request is not allowed for records with this data set status value.

System action

The system continues processing.

Operator response

Use a command that is valid for the current status of the queue record you are working with.

System programmer response

None.

Module

EZAPPQ.

EZYPR025

Record is currently in use; browse or retry later

Explanation

A requested operation cannot be performed at this time for a specified queue record file because the record is being updated by either the NPF Queue Manager or another panel operator.

System action

The system continues processing.

Operator response

Browse the queue file record if read-only access is sufficient; otherwise, try the original operation again later.

System programmer response

None.

Module

EZAPPQ.

EZYPR026

Queue record was changed; please re-enter your changes.

Explanation

An edit operation on a queue file record took too long (over 12 minutes) allowing the NPF Queue Manager or another panel operator to access and modify that record. All updates from the attempted edit operation have been lost and must be re-entered.

System action

The system continues processing.

Operator response

Repeat the edit operation, being careful to complete the operation within 12 minutes which is the maximum time for which you are guaranteed exclusive access to the record.

System programmer response

None.

Module

EZAPPQ.

EZYPR027	Queue record with status X can only be browsed
-----------------	---

Explanation

An edit request has been rejected for a queue record whose data set status = 'X'.

System action

The system continues processing.

Operator response

Do not try to edit queue records whose data set status = 'X'. Browse is the only valid operation for this type of record.

System programmer response

None.

Module

EZAPPQ.

EZYPR028	Queue record with status X cannot be deleted
-----------------	---

Explanation

A delete request has been rejected for a queue record whose data set status = 'X'.

System action

The system continues processing.

Operator response

Do not try to delete queue records whose data set status = 'X'. Browse is the only valid operation on this type of record.

System programmer response

None.

Module

EZAPPQ

EZYPR030

Dataset type is in use by another dialog on this userid

Explanation

An attempt to process an NPF routing, options or queue file was rejected because another dialog under the same userid was already processing a file of the same type.

System action

The system continues processing.

Operator response

When doing NPF processing from multiple dialogs under a single userid, have each dialog process a different type of file. For example, it is acceptable to process a routing file from one dialog and an options file from another dialog.

System programmer response

None.

Module

EZAPPQ or EZAPPPC

EZYPR032

Options file record is not added.

Explanation

The options file record was not added, or you do not have write access to the options file.

System action

The system continues processing.

Operator response

None.

System programmer response

Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR032

Options file record is not added.

Explanation

The options file record was not added, or you do not have write access to the options file.

System action

The system continues processing.

Operator response

None.

System programmer response

Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR033	Options file record is added.
-----------------	--------------------------------------

Explanation

The new record was added to the options file as requested.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR034	Options file record does not exist.
-----------------	--

Explanation

The system cannot delete the options file record you requested because it does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Select an existing options file record that you want deleted and reissue the request.

Module

EZAPPPC

EZYPR035

Options file record is not deleted.

Explanation

The options file record cannot be deleted.

System action

The system continues processing.

Operator response

None.

System programmer response

Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR036

Options file record is deleted.

Explanation

The options file record was deleted as requested.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR037

Type of option selected is not valid.

Explanation

The option selected is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Select a valid option and enter the request.

Module

various

EZYPR038	Missing broadcast rec(s) detected; Issue "CANcel" or complete
-----------------	--

Explanation

More than one destination was specified for the normal route, and data has not been entered for the specific routing broadcasts.

System action

The system continues processing.

Operator response

None.

System programmer response

Enter data for the specific routing broadcasts on the routing broadcast record panel. If a normal route and no specific routing broadcasts are wanted, then change the value in the number of destinations field to "1". If the data for normal and specific routing records are to be discarded, issue the cancel command on the command line.

Module

EZAPPPC

EZYPR041	Old options file record does not exist.
-----------------	--

Explanation

The copy request cannot be completed because the old options file record specified does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify an old options file record that exists and reissue the request.

Module

EZAPPPC

EZYPR042**New options file record is not copied.****Explanation**

The new options file record was not copied.

System action

The system continues processing.

Operator response

None.

System programmer response

Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR043**New options file record is copied.****Explanation**

The new options file record was copied as requested.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR044**Options file record does not exist.****Explanation**

The requested options file record cannot be updated because it does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify an options file record that exists and reissue the request.

Module

EZAPPPC

EZYPR045	Options file record is not updated.
-----------------	--

Explanation

The options file record was not updated.

System action

The system continues processing.

Operator response

None.

System programmer response

Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR046	Options file record is updated.
-----------------	--

Explanation

The options file record was updated as requested.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR048	New options file record already exists.
-----------------	--

Explanation

The options file record cannot be copied because a new options file record already exists.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify an options file record other than the one that already exists and reissue the request.

Module

EZAPPPC

EZYPR049	Select an option.
-----------------	--------------------------

Explanation

An option must be selected from this panel.

System action

The system continues processing.

Operator response

None.

System programmer response

Select an option from the panel and issue the request.

Module

various

EZYPR051	Enter options name for the key-field.
-----------------	--

Explanation

The options name for the key-field information is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Enter a value in the options name for the key-field and reissue the request.

Module

EZAPPN1

EZYPR052**Input record exit is not valid.****Explanation**

The value specified in the input record exit field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid input record exit value and reissue the request.

Module

EZAPPN7

EZYPR053**Old options name is not valid.****Explanation**

The value specified in the old options name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid value in the old options name field and reissue the request.

Module

EZAPPN4

EZYPR054**New options name is not valid.****Explanation**

The value specified in the new options name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid value in the new options name field and reissue the request.

Module

EZAPPN4

EZYPR055	Tracing is enabled
-----------------	---------------------------

Explanation

The request to enable NPF ISPF tracing is acknowledged, and the specified trace data set is opened to receive trace information.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPDG

EZYPR056	Tracing is disabled
-----------------	----------------------------

Explanation

The request to disable NPF ISPF tracing is acknowledged, and the specified trace data set is closed.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPDG

EZYPR057	Old options name must be specified.
-----------------	--

Explanation

The old options name for the key-field is missing.

System action

The system continues processing.

Operator response

None.

System programmer response

Enter a value for the old options name key-field and reissue the request.

Module

EZAPPN4

EZYPR058**New options name must be specified.**

Explanation

The new options name for the key-field is missing.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a value for the new options key-field and reissue the request.

Module

EZAPPN4

EZYPR060**Press ENTER to save data before proceeding to next record**

Explanation

During add processing for a multiple-destination routing, the DOWN PF key was pressed to proceed to the next destination record before the ENTER key was pressed to save the data for the current destination record.

System action

The DOWN PF key is ignored and the panel continues to display the current destination record.

Operator response

Press the ENTER key to save the data for the current destination record before attempting to process the next record.

System programmer response

None.

Module

EZAPPPC

EZYPR061**Normal route record already exists.****Explanation**

The specified new route cannot be added to the routing file because that route already exists.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a normal route other than the one that already exists and reissue the request.

Module

EZAPPPC

EZYPR062**Normal route record is not added.****Explanation**

The normal route was not added.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR063**Normal route record is added.****Explanation**

A normal route was added to the routing file.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR064	Normal route record does not exist.
-----------------	--

Explanation

The route specified in the delete request does not exist, so the request cannot be completed.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a route that exists and reissue the request.

Module

EZAPPPC

EZYPR065	Normal route record is not deleted.
-----------------	--

Explanation

The normal route was not deleted, or you do not have write access to the routing file.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR066	Normal route record is deleted.
-----------------	--

Explanation

The normal route is deleted from the routing file as requested.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR068 Routing file cannot be opened.**Explanation**

Either the routing file cannot be opened, access to the routing file is denied, or the routing file does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Verify the existence of the routing file. If it exists, then determine if the routing file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the routing file is not read-protected and the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR069 Routing file cannot be closed.**Explanation**

The system detected an error. The routing file cannot be closed.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR071**Old normal route record does not exist.**

Explanation

The normal route record cannot be copied because the old normal route does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify major and minor names for an old normal route record that exists and reissue the request.

Module

EZAPPPC

EZYPR072**Normal route record is not copied**

Explanation

The normal route record was not copied.

System action

The system continues processing.

Operator response

None.

System programmer response

Reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR073**Normal route record is copied**

Explanation

The request to copy the normal route record is complete.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR074	Specific broadcast record does not exist.
-----------------	--

Explanation

A specific broadcast record cannot be updated because it does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Because the specific broadcast record does not exist, all of the routing records associated with this missing broadcast record are not valid. Issue the delete request to delete the obsolete records and then issue the add request to create the new routing records.

Module

EZAPPPC

EZYPR075	Normal route record is not updated
-----------------	---

Explanation

The normal route record was not updated.

System action

The system continues processing.

Operator response

None.

System programmer response

Reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR076

Normal route record is updated.

Explanation

The normal route record was updated as requested.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR078

New normal route record already exists.

Explanation

The normal route record cannot be copied because a new normal route record already exists.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify major and minor names for a routing file record other than the one that already exists and reissue the request.

Module

EZAPPPC

EZYPR079

Old specific broadcast record does not exist.

Explanation

The old specific broadcast record associated with the normal routing record in the request does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Because the old specific broadcast record does not exist, all of the routing records associated with this missing broadcast record are not valid. Issue the delete request to delete the obsolete records. Either specify major and minor names for a different routing record and reissue the request again or issue an add request to create new routing records which can be used for the copy request again.

Module

EZAPPPC

EZYPR081	Enter old major name for the key-field.
-----------------	--

Explanation

The request is missing an old major name.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify an old major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR082	Enter new major name for the key-field.
-----------------	--

Explanation

The request is missing a new major name.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a new major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR083	Enter old minor name for the key-field.
-----------------	--

Explanation

The request is missing an old minor name for the key-field.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify an old minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR084	Enter new minor name for the key-field.
-----------------	--

Explanation

The request is missing a new minor name for the key-field.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a new minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR086	Enter major name for the key-field
-----------------	---

Explanation

The major name is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

Module

various

EZYPR087**Enter minor name for the key-field.**

Explanation

The minor name is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

Module

various

EZYPR089**Number of destination(s) must be specified.**

Explanation

The destination number is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a destination value and reissue the request. A valid value is in the range 1 to 65535.

Module

EZAPPN15

EZYPR091**Retain time (successful) must be specified**

Explanation

The retain time (successful) is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify the retain time (successful) and reissue the request. Retain time must be in the format *dddhhmm* with values as follows:

ddd

000 to 366

hh

00 to 23

mm

00 to 59

Module

EZAPPN15

EZYPR092

Retain time (unsuccessful) must be specified.

Explanation

The retain time (unsuccessful) is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify the retain time (unsuccessful) and reissue the request. Retain time must be in the format *dddhhmm* with values as follows:

ddd

000 to 366

hh

00 to 23

mm

00 to 59

Module

EZAPPN15

EZYPR093

Retry interval time must be specified.

Explanation

The retry interval time is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify the retry interval time and reissue the request. Retry interval time must be in the format *dddhhmm* with values as follows:

ddd

000 to 366

hh

00 to 23

mm

00 to 59

Module

EZAPPN15

EZYPR094	Retry limit must be specified.
-----------------	---------------------------------------

Explanation

The retry limit is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a retry limit and reissue the request. A valid retry limit is in the range 0 to 65535.

Module

EZAPPN15

EZYPR095	Options name must be specified.
-----------------	--

Explanation

The options name is missing from the request.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify an options name and reissue the request. A valid options name is a 16-character alphanumeric name.

Module

EZAPPN15

EZYPR097**Specific broadcast record is not updated.**

Explanation

The system detected an error. The specific broadcast record update request was not completed.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR098**Specific broadcast record is updated.**

Explanation

The specific broadcast record update request completed.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR099**Specific broadcast record already exists.**

Explanation

The specific broadcast record cannot be added to the routing file because that route already exists.

System action

The system continues processing.

Operator response

None.

System programmer response

Because the specific broadcast record already exists, the created normal routing record is not valid. Issue the delete request to delete the obsolete records. Issue an add request to create the new routing records again.

Module

EZAPPPC

EZYPR101	Specific broadcast record is added.
-----------------	--

Explanation

A specific broadcast route was added to the routing file.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR102	Specific broadcast is not added.
-----------------	---

Explanation

The system detected an error. The specific broadcast was not added.

System action

The system continues processing.

Operator response

None.

System programmer response

Restart the Network Print Facility and reissue the add request. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR104	Number of destination(s) is not valid
-----------------	--

Explanation

The number of destinations value must be larger than 0.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid value for the number of destinations. A valid value is from 1 to 65535.

Module

various

EZYPR105	Specific broadcast record is not deleted.
-----------------	--

Explanation

The system detected an error. The specific broadcast record delete request was not completed.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR106	Normal route & specific broadcast record(s) are deleted.
-----------------	---

Explanation

The normal route and specific broadcast records delete request completed.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR107

Specific broadcast record is not copied.

Explanation

The system detected an error. The specific broadcast record copy request was not completed.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR108

Normal route & specific broadcast record(s) are copied.

Explanation

The normal route and specific broadcast records copy request completed.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPPC

EZYPR111

LU class is not valid.

Explanation

The LU class value entered is not valid. Valid values are 1 to 64.

System action

The system continues processing.

Operator response

Specify a valid LU class value and reissue the request.

System programmer response

None.

Module

various

EZYPR112	LU class contains invalid character.
-----------------	---

Explanation

A character in the LU class field is not valid. Valid values are 1 to 64.

System action

The system continues processing.

Operator response

Specify a valid LU class value and reissue the request.

System programmer response

None.

Module

EZAPPPC

EZYPR113	Incorrect call to EZAPPPC
-----------------	----------------------------------

Explanation

The call to module EZAPPPC from panel EZAPPMP was not valid. Expected parameters in the call might have been missing.

System action

The system continues processing.

Operator response

None.

System programmer response

Contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR116	Normal route & specific broadcast record(s) are not added
-----------------	--

Explanation

The normal and/or specific broadcast records were added during the add request, but a cancel command was issued to discard the added records.

System action

The system continues processing.

Operator response

None.

System programmer response

None.

Module

EZAPPC

EZYPR117	Normal route is copied but some data is lost.
-----------------	--

Explanation

The normal route copy request completed, but not all of the data was copied.

System action

The system continues processing.

Operator response

None.

System programmer response

Submit the copy request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPC

EZYPR132	Old minor name is not valid.
-----------------	-------------------------------------

Explanation

The value specified in the old minor name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid old minor name and reissue the request. A valid old minor name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR132	Old minor name is not valid.
-----------------	-------------------------------------

Explanation

The value specified in the old minor name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid old minor name and reissue the request. A valid old minor name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR133	New major name is not valid.
-----------------	-------------------------------------

Explanation

The value specified in the new major name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid new major name and reissue the request. A valid new major name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR134	New minor name is not valid.
-----------------	-------------------------------------

Explanation

The value specified in the new minor name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid new minor name and reissue the request. A valid new minor name is an 8-byte alphanumeric name.

Module

EZAPPN12

EZYPR135	Major name is not valid.
-----------------	---------------------------------

Explanation

The value specified in the major name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

Module

various

EZYPR136	Minor name is not valid.
-----------------	---------------------------------

Explanation

The value specified in the minor name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

Module

various

EZYPR141**Options name is not valid.**

Explanation

The value specified in the Options name field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid value in the Options name field and reissue the request. A valid options name is a 16-character alphanumeric name.

Module

various

EZYPR142**Routing exit is not valid.**

Explanation

The value specified in the Routing exit field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid value in the Routing exit field and reissue the request. A valid routing exit name is an 8-character alphanumeric name.

Module

EZAPPN15

EZYPR143**Normal route & specific broadcast record(s) not deleted**

Explanation

The system detected an error. The normal and specific broadcast records were not deleted as a result of the delete request.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR144	Unable to copy old specific broadcast record.
-----------------	--

Explanation

The system detected an error. A specific broadcast record associated with the normal routing record could not be copied.

System action

The system continues processing.

Operator response

None.

System programmer response

Because the old specific broadcast record is not valid, all of the copied routing records with this broadcast record are deleted. Issue the delete request to delete the obsolete records for the old routing records. Either specify major and minor names for a different routing record and reissue the request again, or issue an add request to create new routing records which can be used for the copy request again.

Module

EZAPPPC

EZYPR147	Unable to copy old normal route record.
-----------------	--

Explanation

The system detected an error. A copy cannot be done for the old normal route record specified.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR148**Normal route record is added but some data is lost.****Explanation**

The normal route record add request completed, but not all of the data was added.

System action

The system continues processing.

Operator response

None.

System programmer response

Submit the add request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR149**Specific broadcast record is added but some data is lost.****Explanation**

The specific broadcast record add request completed, but not all of the data was added.

System action

The system continues processing.

Operator response

None.

System programmer response

Submit the add request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR161**Options file cannot be opened.****Explanation**

Either the options file cannot be opened, access to the options file is denied, or the options file does not exist.

System action

The system continues processing.

Operator response

None.

System programmer response

Verify the existence of the options file. If it exists, then determine if the options file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the routing file is not read-protected and the error still occurs, contact the IBM Software Support Center.

Module

EZAPPPC

EZYPR162	Options file cannot be closed.
-----------------	---------------------------------------

Explanation

The system detected an error. The options file specified cannot be closed.

System action

The system continues processing.

Operator response

None.

System programmer response

Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module

EZAPPRT

EZYPR180	SLU/Dest is not valid
-----------------	------------------------------

Explanation

The value specified in the SLU/Dest field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid SLU/Dest value and reissue the request.

Module

EZAPPQSP

EZYPR181	PLU/JOBNAME is not valid
-----------------	---------------------------------

Explanation

The value specified in the PLU/JOBNAME field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid PLU/JOBNAME value and reissue the request.

Module

EZAPPQSP

EZYPR182	Creation Date is not valid
-----------------	-----------------------------------

Explanation

The value specified in the Creation Date field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Creation Date and reissue the request.

Module

EZAPPQSP

EZYPR183	Creation Time is not valid
-----------------	-----------------------------------

Explanation

The value specified in the Creation Time field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Creation Time and reissue the request.

Module

EZAPPQSP

EZYPR184**Dataset Status is not valid****Explanation**

The value specified in the Dataset Status field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Dataset Status and reissue the request.

Module

EZAPPQSP

EZYPR187**Invalid SEQ value - enter KEY or TIME****Explanation**

The SEQ field on the NPF Queue Selection panel contains an invalid value.

System action

The system continues processing.

Operator response

Set the SEQ field to either KEY or TIME to indicate the order in which the selected queue records should be displayed on the Queue List panel.

System programmer response

None.

Module

EZAPPQ

EZYPR190**Next Send Time is not valid****Explanation**

The value specified in the Next Send Time field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Next Send Time value and reissue the request.

Module

EZAPPQSP

EZYPR191	Next Send Date is not valid
-----------------	------------------------------------

Explanation

The value specified in the Next Send Date field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Next Send Date value and reissue the request.

Module

EZAPPQSP

EZYPR192	Retry Interval is not valid
-----------------	------------------------------------

Explanation

The value specified in the Retry Interval field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Retry Interval value and reissue the request.

Module

various

EZYPR193	Retry Attempts are not valid
-----------------	-------------------------------------

Explanation

The value specified in the Retry Attempts field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Retry Attempts value and reissue the request.

Module

EZAPPQRP

EZYPR194	Retry Limit is not valid
-----------------	---------------------------------

Explanation

The value specified in the Retry Limit field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Retry Limit value and reissue the request.

Module

various

EZYPR195	Retain Time Successful is not valid
-----------------	--

Explanation

The value specified in the Retain Time Successful field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Retain Time Successful value and reissue the request.

Module

various

Explanation

The value specified in the Retain Time Unsuccessful field is not valid.

System action

The system continues processing.

Operator response

None.

System programmer response

Specify a valid Retain Time Unsuccessful value and reissue the request.

Module

various

Explanation

The value specified in the Def Page Format field is not valid.

System action

The system continues processing.

Operator response

Either leave the field blank or enter the name of a valid Default Page Format table entry. See the [z/OS Communications Server: IP Network Print Facility](#) for more information.

System programmer response

None.

Module

EZAPPN15

Explanation

The value entered for Eofile Name field is not valid.

System action

The system continues processing.

Operator response

Either leave the field blank or enter the name of a valid End-of-File Rules table entry. See the [z/OS Communications Server: IP Network Print Facility](#) for more information.

System programmer response

None.

Module

EZAPPN15

Chapter 11. EZYRxxxx messages

EZYRC01I

Calling function rexec with the following:

Explanation

This is the first of a two part message. It is followed by EZYRC02I which lists the host, user, cmd, and port that are being passed to the rexec function that is provided by z/OS UNIX System Services and that does the work of passing the rexec information to the server.

System action

OREXEC continues.

Operator response

None.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC02I

Host: AAA user BBB, cmd CCC, port DDD

Explanation

This is the information that is being passed to the rexec function. AAA is the host that the string is being passed to, BBB is the logon ID of the user on the remote system, CCC is the command that is being passed to the remote system and DDD is the port number.

System action

OREXEC continues.

Operator response

None.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC03E**The call to rexec procedure failed.****Explanation**

The call to the rexec procedure that will do the actual passing of the information to the remote host failed.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent. If inetd is down on the remote host, this message will appear.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC04I**Usage: orexec -d -l user -p pwd****Explanation**

This is the first of a group of messages that is issued when a question mark has been entered, or an invalid number of arguments have been entered.

System action

OREXEC ends.

Operator response

Correct the invalid argument and try the command again.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC05I**options: -**

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZ YRC06I

-? display this message

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZ YRC07I

-d turn on debug tracing

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC08I	-l <i>usr</i> specifies remote login id
-----------------	--

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC09I	-p <i>pwd</i> specifies remote password
-----------------	--

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC10I

-s *port* specifies server port

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC11I

-V display APAR level

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC12I**Example: orexec -d -l guest -p guest hostname ls -l****Explanation**

See message EZYRC04I.

System action

OREXEC ends.

Operator response

By examining the command typed or using the -d option the problem should be apparent.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC13I**XXX YYY****Explanation**

XXX is the program called (MVS OREXEC).

YYY is the APAR number, or if there have been no APARs applied, it is base.

System action

OREXEC continues.

Operator response

None.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC14I**-s port fhost command**

Explanation

This is the second of a group of messages that is issued when a question mark has been entered, or an invalid number of arguments have been entered.

System action

OREXEC ends.

Operator response

Correct the invalid argument and try the command again.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC15I **-C Uppercase messages**

Explanation

This is part of a group of messages that is issued when a question mark has been entered or an invalid number of arguments have been entered.

System action

OREXEC ends.

Operator response

Correct the invalid argument and try the command again.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC16E ***function failed. description rsn = errnojr***

Explanation

An unexpected value was returned from the function indicated by the *function* value. This message can be issued from TSO REXEC or orexec. Processing ends.

function is the name of the C/C++ run-time function. See the [z/OS C/C++ Runtime Library Reference](#) for information about C/C++ run-time functions.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

REXEC ends.

Operator response

Reissue the OREXEC command, if the problem persists contact the system programmer.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

EZATREXE or EZARCC1C

Procedure name

main()

EZYRC17I Select time limit expired.

Explanation

The time limit on the select expired before a response was received from the server. Processing ends.

System action

OREXEC ends.

Operator response

Attempt the OREXEC command again.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC18I Foreign host name is missing.

Explanation

The foreign host name was not specified on the OREXEC command. It is required. Processing ends.

System action

OREXEC ends.

Operator response

Attempt the OREXEC command again with the foreign host name.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC19I

Data socket = *dsock*, Control socket = *csock*.

Explanation

This is a debug message indicating the socket descriptors being used by the z/OS UNIX REXEC client. It is issued only when the -d option is specified on the OREXEC command.

System action

OREXEC continues.

Operator response

None.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC23E

Command is missing

Explanation

A command was not specified on the OREXEC command.

System action

OREXEC ends.

Operator response

Reissue the OREXEC command and specify a command.

System programmer response

None.

Module

rexec1.c

Procedure name

main()

EZYRC24I **-e wait select time limit**

Explanation

See message EZYRC04I.

System action

OREXEC ends.

Operator response

Examine the command typed or use the -d option to diagnose the problem.

System programmer response

None.

Module

rexec1.c

Procedure name

usage()

EZYRC31I **Calling function rcmd_af with the following:**

Explanation

This message is followed by EZYRC02I, which lists the host, user, cmd, and port that are passed to the local rcmd_af function, which passes the rsh information to the server.

System action

ORSH continues.

Operator response

None.

System programmer response

None.

Module

ussrsh.c

Procedure name

main()

EZYRC33E	The call to rcmd_af procedure failed: <i>description</i> rsn = <i>errnojr</i>
-----------------	--

Explanation

The call to the rcmd_af procedure that will pass the information to the remote host failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

ORSH ends.

Operator response

Examine the command typed and reissue the ORSH command. If the problem persists, contact the system programmer. The most common description is ECONNREFUSED. If this occurs, start the remote shell server on the remote host.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

ussrsh.c

Procedure name

main()

EZYRD01W	Invalid option in /etc/inet.conf
-----------------	---

Explanation

An option that is not valid has been used in the /etc/inetd.conf file. The allowable options are: dlv

Note: If an invalid option has been specified, none of the valid options will be in effect.

System action

REXECD continues.

Operator response

None.

System programmer response

Correct the configuration options in /etc/inetd.conf for the entry exec under the column service name.

Module

rexecd.c

Procedure name

main

EZYRD02E	getpeername failure
-----------------	----------------------------

Explanation

Getpeername could not return the name of the peer that is connected to the socket.

System action

REXECD ends.

Operator response

Try the command again later.

System programmer response

See message EZYRD33E on the host where rexecd is running for more information including the failure description (errno) and reason code (errnojr).

Module

rexecd.c

Procedure name

main

EZYRD03I	Remote address = XX.XX.XX.XX
-----------------	-------------------------------------

Explanation

XX.XX.XX.XX is the IPv4 or IPv6 address that is the internet address that the login ID connected from. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

main

EZYRD04E**Binary one not received.****Explanation**

The first byte of the string that is passed to the server is supposed to be a binary 1. This did not happen in this case.

System action

REXECD ends.

Operator response

Try the command again.

System programmer response

The string that is being passed from the client is not in the proper format. Check the string that is being passed from the client.

Module

rexecd.c

Procedure name

doit()

EZYRD05I**clisecport = n****Explanation**

n is the number of the secondary port that is being passed in from the client. This is the port that rexecd will send the output to. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD06E**Unable to create secondary port.****Explanation**

The socket subroutine was unable to create a socket in the specified AddressFamily and of the specified type.

System action

REXECD ends.

Operator response

Try the command again.

System programmer response

The socket could not be created for one of the following reasons:

- The addresses in the specified address family cannot be used with this socket.
- The socket in the specified address family is not supported.
- The per-process descriptor table is full.
- Insufficient resources were available in the system to complete the call.

Module

rexecd.c

Procedure name

doit()

EZYRD07E**Cannot make second port****Explanation**

The rexecd server was unable to connect to the specified port.

System action

REXECD ends.

Operator response

Try the command again.

System programmer response

The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.

- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

Module

rexecd.c

Procedure name

doit()

EZYRD08I

User is: XXX

Explanation

XXX is the login ID that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD09I

Command is: XXX

Explanation

XXX is the command that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD10E

XXX: unknown login. cmd = YYY

Explanation

XXX is the logon ID that was passed in from the remote host.

YYY is the command that was passed in.

System action

REXECD ends.

Operator response

Correct the login ID and try again.

System programmer response

This message is written to the file that is specified by syslog.conf for information and authorization messages. It is only written out if either information or authorization is in the syslogd.conf file. This indicates that the login ID was not in the password structure.

Module

rexecd.c

Procedure name

doit()

EZYRD11E

Login incorrect.

Explanation

The login was incorrect.

System action

REXECD ends.

Operator response

Try the command again.

System programmer response

It is considered to be a security violation to tell the client if the user ID or password is incorrect so this is a generic message saying that one of them is incorrect.

Module

rexecd.c

Procedure name

doit()

EZYRD12I	Name is: XXX, user is YYY
-----------------	----------------------------------

Explanation

This is a debug message. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

XXX is the login ID that has been passed in from the client.

YYY is the login ID as gotten from the password structure.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD13I	dir is XXX
-----------------	-------------------

Explanation

XXX is the home directory that is gotten from the password structure. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD14I	uid is: X, gid is Y
-----------------	----------------------------

Explanation

X is the uid that is obtained from the password structure and Y is the gid that is obtained from the password structure. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD15E	XX wrong password, cmd = YY
-----------------	------------------------------------

Explanation

XX is the login ID passed in from the client and YY is the command that is being attempted. The password that has been passed in is not correct. This message is written to the file that is specified by syslog.conf for error messages. It is only written out if error is set up to write out in syslogd.

System action

REXECD ends.

Operator response

Correct the password and try again.

System programmer response

It is considered to be a security violation to tell the client if the user ID or password is incorrect so a generic message saying that one of them is incorrect will be sent to the client.

Module

rexecd.c

Procedure name

doit()

EZYRD17E	XX no home directory. cmd = YY
-----------------	---------------------------------------

Explanation

XX indicates the login ID and YY indicates the command that is being attempted.

System action

REXECD ends.

Operator response

Contact the system programmer

System programmer response

No home directory has been set up in the password structure for the login ID that is identified in the message. Add a home directory in the password structure for this login ID.

Module

rexecd.c

Procedure name

doit()

EZYRD18E	No remote directory.
-----------------	-----------------------------

Explanation

No home directory has been set up on the remote host for the logon ID.

System action

REXECD ends.

Operator response

Contact the system programmer at the remote site and have a home directory set up in the password structure.

System programmer response

Set up a home directory in the password structure.

Module

rexecd.c

Procedure name

doit()

EZYRD19E

Cannot make pipe1.

Explanation

Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

System action

REXECD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

Module

rexecd.c

Procedure name

doit()

EZYRD20E

Cannot make pipe2.

Explanation

Trying to make a pipe to go between the parent and the child process for the purpose of doing ASCII to EBCDIC conversion. This pipe could not be made.

System action

REXECD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN_MAX).

- The system file table is full, or the device containing pipes has no free i-nodes.

Module

rexecd.c

Procedure name

doit()

EZYRD21E

Cannot make pipe3.

Explanation

Trying to make a pipe to go between the parent and the child process for the purpose of doing ASCII to EBCDIC conversion. This pipe could not be made.

System action

REXECD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

Module

rexecd.c

Procedure name

doit()

EZYRD22E

Cannot fork; try again.

Explanation

The parent process is trying to fork off a child process. It has not been able to do this.

System action

REXECD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

Module

rexecd.c

Procedure name

doit()

EZYRD23E **error on read socket 0**

Explanation

An attempt has made to read data on the stdin socket. This attempt has not been successful.

System action

REXECD ends.

Operator response

Try the failing command again.

System programmer response

A read from socket 0 has failed. It has failed to read for one of the following reasons:

- The FileDescriptor parameter is not a valid file descriptor open for reading.
- The file was marked for nonblocking I/O, and no data was ready to be read.
- A read was interrupted by a signal before any data arrived, and the signal handler was installed with an indication that subroutines are not to be restarted.
- An I/O error occurred while reading from the file system.
- The process is a member of a background process attempting to read from its controlling terminal, and either the process is ignoring or blocking the SIGTTIN signal or the process group has no parent process.

Module

rexecd.c

Procedure name

doit()

EZYRD24I **XX cmd = YY**

Explanation

If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD25E	setgid failed
-----------------	----------------------

Explanation

A set group ID subroutine failed.

System action

REXECD ends.

Operator response

Contact the system programmer.

System programmer response

The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

Module

rexecd.c

Procedure name

doit()

EZYRD26E	initgroups failed
-----------------	--------------------------

Explanation

An initgroups subroutine failed.

System action

REXECD ends.

Operator response

Contact the system programmer.

System programmer response

The subroutine can fail for the following reasons:

- The number of supplementary groups of the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

Module

rexecd.c

Procedure name

doit()

EZYRD27E	setuid failed
-----------------	----------------------

Explanation

A setuid failed.

System action

REXECD ends.

Operator response

Contact the system programmer.

System programmer response

A setuid failed. The following are the reasons that a setuid can fail:

- The process is currently not able to change UIDs.
- The value of uid is incorrect.
- The process does not have appropriate privileges to set the UID to uid.

Module

rexecd.c

Procedure name

doit()

EZYRD28E	Error from execl()
-----------------	---------------------------

Explanation

An error has occurred in trying to open the shell process to do the requested command.

System action

REXECD ends.

Operator response

Try the command again. If the problem persists contact the system programmer.

System programmer response

An `execl` can fail for the following reasons:

- The new process's combined argument list and environment list has more bytes than the system defined limit `ARG_MAX`.
- The process did not have appropriate permissions to run the specified file for one of the following reasons:
 - The process did not have permission to search a directory named in your path.
 - The process did not have execute permission for the file to be run.
 - The file to be run was not a regular file and the system cannot run files of its type.
- The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory.

Module

`rexecd.c`

Procedure name

`doit()`

EZYRD29E

String too long

Explanation

A string that is being converted from ASCII to EBCDIC is too long.

System action

REXECD ends.

Operator response

Try the command again and if the problem persists contact the system programmer.

System programmer response

A string that is outside the permissible limits is being passed to REXECD. Check the parameters being passed and if everything looks correct contact the support center.

Module

`rexecd.c`

Procedure name

`getstr()`

EZYRD30I**usage: rexecd -dLV****Explanation**

This message follows EZYRD01. It displays the valid options that are permitted in /etc/inetd.conf for the rexecd server.

System action

REXECD continues.

Operator response

None.

System programmer response

Correct the options specified in /etc/inetd.conf and from a superuser ID do a kill -1 *pid number* to cause inetd to reread the inetd.conf file.

Module

rexecd.c

Procedure name

usage()

EZYRD31I**XXX YYY****Explanation**

XXX is the program called (MVS REXECD).

YYY is the APAR number, or if there have been no APARs applied, it is base.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

main()

EZYRD32E**Cannot make second port**

Explanation

The rexecd server was unable to connect to the specified port.

System action

REXECD ends.

Operator response

Try the command again.

System programmer response

The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

Module

rexecd.c

Procedure name

doit()

EZYRD33E	<i>function failed. description rsn = errnojr</i>
-----------------	--

Explanation

An unexpected value was returned from *function*.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

REXECD ends.

Operator response

Reissue the REXEC command, if the problem persists contact the system programmer.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

rexecd.c

Procedure name

main()

EZYRD34I**Stderr socket is *socket***

Explanation

Shows the socket number used for the standard error connection. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD35I**Int(*socket*): 20-bytes hex data 10 char ascii**

Explanation

Shows the data being sent from the client to the server after the command has been read. *socket* is the socket from which the data was read. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD36I

Ont(socket): 20-bytes hex data 10 char ascii

Explanation

Shows the data being sent from the server to the client after the command has been read. *socket* is the socket to which the data was written. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for *rexecd* and debug is set up to write out in *syslogd*.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD37I

Signal *sigval* received on socket *socket*

Explanation

Shows the value of a signal received from the client. This signal will be passed to the child process executing the command. This message is written to the file that is specified by *syslog.conf* for debug messages. It is only written out if both debug is turned on for *rexecd* and debug is set up to write out in *syslogd*.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD38I**EOF received on socket *socket*****Explanation**

Indicates a EOF was received on the socket. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD39I**Child stderr socket is *socket*****Explanation**

Identifies the socket assigned in the parent process to the child standard error. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action

REXECD continues.

Operator response

None.

System programmer response

None.

Module

rexecd.c

Procedure name

doit()

EZYRD42I**getsockname failure****Explanation**

Getsockname could not return the local address structure that is connected to the socket.

System action

REXECD ends.

Operator response

Try the command again later.

System programmer response

See message EZYRD33E on the host where rexecd is running for more information including the failure description (errno) and reason code (errnojr.)

Module

rexecd.c

Procedure name

main

EZYRP35I**orpcinfo -d prognum versnum****Explanation**

The command line syntax is displayed to indicate that the user invoked ORPCINFO with incorrect arguments.

System action

ORPCINFO exits.

Operator response

Reenter ORPCINFO with the correct control parameter syntax.

System programmer response

None.

Module

ORPCINFO

Procedure name

Usage()

EZYRP36E**Sorry. You are not root**

Explanation

You must have root authority to use the -d option.

System action

The registration is not deleted.

Operator response

None.

System programmer response

Inform the system administrator of the problem.

Module

orpcinfo

Procedure name

stderr

EZYRP37E **orpcinfo: Could not delete registration for prog *program* version *version***

Explanation

orpcinfo failed to receive a positive response from the portmapper to its request to delete the specified program. See accompanying message for reason.

System action

The registration is not deleted.

Operator response

None.

System programmer response

Use other RPC options as appropriate. If necessary, inform the system administrator of the problem.

Module

orpcinfo

Procedure name

stderr

EZYRP52E **oportmap CALLIT: cannot fork**

Explanation

The portmapper was not able to fork as required to process a broadcast request.

System action

The portmapper ignores the broadcast request and continues.

Operator response

None.

System programmer response

Inform the system administrator of the problem.

Module

oportmap

Procedure name

stderr

EZYRP66E	enablecache: cache already enabled The rpc udp cache has already been enabled.
-----------------	---

Explanation

System action

The server continues.

Operator response

System programmer response

Revise the program without the redundant call to svcudp_enablecache().

Module

svc_upd.o

Procedure name

stderr

EZYRP67E	enablecache: could not allocate cache
-----------------	--

Explanation

The server was not able to allocate storage for its internal tables.

System action

The server continues without the benefit of the cache request.

Operator response

None.

System programmer response

Revise the program to fit in the available storage.

Module

svc_upd.o

Procedure name

stderr

EZYRP68E	enablecache: could not allocate cache data
-----------------	---

Explanation

The server was not able to allocate storage for its internal tables.

System action

The server continues without the benefit of the cache request.

Operator response

None.

System programmer response

Revise the program to fit in the available storage.

Module

svc_upd.o

Procedure name

stderr

EZYRP69E	enablecache: could not allocate cache fifo
-----------------	---

Explanation

The server was not able to allocate storage for its internal tables.

System action

The server continues without benefit of the cache request.

Operator response

None.

System programmer response

Revise the program to fit in the available storage.

Module

svc_upd.o

Procedure name

stderr

EZYRP70E**cache_set: victim not found****Explanation**

The server was not able to find a cache reply that its internal tables indicated was there.

System action

The server continues without the benefit of the cache request.

Operator response

None.

System programmer response

Inform the system administrator of the problem.

Module

svc_upd.o

Procedure name

stderr

EZYRP71E**cache_set: victim alloc failed****Explanation**

The server was not able to allocate storage for its internal tables.

System action

The server continues without the benefit of the cache request.

Operator response

None.

System programmer response

Revise the program to fit in the available storage.

Module

svc_upd.o

Procedure name

stderr

EZYRP72E**cache_set: could not allocate new rpc_buffer**

Explanation

The server was not able to allocate storage for its cached reply.

System action

The server continues without the benefit of the cache request.

Operator response

None.

System programmer response

Revise the program to fit in the available storage.

Module

svc_upd.o

Procedure name

stderr

EZYRS01I **XXX YYY**

Explanation

XXX is the program called (MVS RSHD).

YYY is the APAR number, or if there have been no APARs applied, it is base.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

main()

EZYRS02W **Invalid option in /etc/inet.conf**

Explanation

An invalid option has been used in the /etc/inetd.conf file. The allowable options are: dlv NOTE: If an invalid option has been specified None. of the valid options will be in effect.

System action

RSHD continues.

Operator response

None.

System programmer response

Correct the configuration options in /etc/inetd.conf for the entry shell under the column service name.

Module

rshd.c

Procedure name

main

EZYRS03E **Getpeername failure.****Explanation**

Getpeername could not return the name of the peer that is connected to the socket.

System action

RSHD ends.

Operator response

Try the command again later.

System programmer response

The name of the peer that is connected to the socket could not be found for one of the following reasons:

- The argument is not a valid descriptor.
- The argument is a file, not a socket.
- The socket is not connected.
- Insufficient resources were available in the system to perform the operation.
- The name parameter pointed to memory not in a valid part of process address space.

Module

rshd.c

Procedure name

main

EZYRS04W **Setsockopt (SO_KEEPALIVE) failed****Explanation**

There was a failure in setting the socket keepalive option in setsockopt.

System action

RSHD continues.

Operator response

Try the command again.

System programmer response

There was an error in setting the socket keepalive option when using setsockopt. This error should not occur. Contact the IBM Software Support Center.

Module

rshd.c

Procedure name

main

EZYRS05W	Setsockopt (SO_LINGER) failed
-----------------	--------------------------------------

Explanation

There was a failure in setting the socket linger option in setsockopt.

System action

RSHD continues.

Operator response

Try the command again.

System programmer response

There was an error in setting the socket linger option when using setsockopt. This error should not occur. Contact the IBM support center.

Module

rshd.c

Procedure name

main

EZYRS06E	Malformed from address.
-----------------	--------------------------------

Explanation

The IP address that was received cannot be put in the correct network byte order.

System action

RSHD ends.

Operator response

Correct the address being sent in from the client.

System programmer response

None.

Module

rshd.c

Procedure name

doit

EZYRS07W**Connection received using IP options (ignored)****Explanation**

An attempt was made to put special IP options in the data stream. All special options are ignored.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit

EZYRS08E**Setsockopt IP_OPTIONS NULL.****Explanation**

An unsuccessful attempt was made to zero out the IP options.

System action

RSHD ends.

Operator response

None.

System programmer response

This error should not occur. Contact the IBM System Support Center.

Module

rshd.c

Procedure name

doit

EZYRS09E**Connection from XX on illegal port YY****Explanation**

An attempt was made to connect to RSHD using a non-reserved port. The port numbers that are considered to be reserved are 0-1023. IP options.

System action

RSHD ends.

Operator response

The client should attempt the connection on a reserved port.

System programmer response

None.

Module

rshd.c

Procedure name

doit

EZYRS10E**Connection on illegal port.****Explanation**

An attempt was made to connect to RSHD using a non-reserved port. The port numbers that are considered to be reserved are 0-1023. IP options.

System action

RSHD ends.

Operator response

The client should attempt the connection on a reserved port.

System programmer response

None.

Module

rshd.c

Procedure name

doit

EZYRS11E**Binary one not received.****Explanation**

The first byte of the string that is passed to the server is supposed to be a binary 1. This did not happen in this case.

System action

RSHD ends.

Operator response

Try the command again.

System programmer response

The string that is being passed from the client is not in the proper format. Check the string that is being passed from the client.

Module

rshd.c

Procedure name

doit()

EZYRS12I**clisecport = n****Explanation**

n is the number of the secondary port that is being passed in from the client. This is the port that rshd will send the output to. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS13E**Cannot get stderr port****Explanation**

The server has attempted to open a reserved port to be used for standard error.

System action

RSHD ends.

Operator response

Try again later.

System programmer response

Do a netstat conn to determine if all reserved ports are in use.

Module

rshd.c

Procedure name

doit()

EZYRS16E**Second port not reserved****Explanation**

The server has attempted to open a port that is not reserved.

System action

RSHD ends.

Operator response

None.

System programmer response

The port number that the client has requested that the server use is not a reserved port number. The client must request a reserved port number.

Module

rshd.c

Procedure name

doit()

EZYRS18E**Cannot make second port****Explanation**

The rshd server was unable to connect to the specified port.

System action

RSHD ends.

Operator response

Try the command again.

System programmer response

The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

Module

rshd.c

Procedure name

doit()

EZYRS19E	Cannot make second port
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Explanation

The rshd server was unable to connect to the specified port.

System action

RSHD ends.

Operator response

Try the command again.

System programmer response

The connect socket call to connect with the requested socket on the client failed for one of the following reasons:

- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.

- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

Module

rshd.c

Procedure name

doit()

EZYRS20I

Could not look up address for XXX

Explanation

A gethostbyname or getaddrinfo was done of XXX and the system was unable to find the specified name. The failure could be because of one of the following reasons:

- The host specified by the Name parameter was not found.
- The local server did not receive a response from an authoritative server. Try again later.
- An unrecoverable error.
- The requested Name is valid but does not have an Internet address at the name server.

System action

RSHD ends.

Operator response

None.

System programmer response

None.

Module

RSHD.c

Procedure name

doit()

EZYRS21I

Remote user is: XXX

Explanation

XXX is the login ID of the user on the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

RSHD.c

Procedure name

doit()

EZYRS22I**Local user is: XXX**

Explanation

XXX is the login ID that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

RSHD.c

Procedure name

doit()

EZYRS23I**Command is: XXX**

Explanation

XXX is the command that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS24E

WWW@XXX as YYY: Unknown login. cmd = ZZZ

Explanation

The remote user WWW at the remote site XXX logging on as user ID YYY does not have a valid logon ID. The command ZZZ was specified

System action

RSHD ends.

Operator response

None.

System programmer response

The user ID YYY will need to have a valid logon ID specified in the security database.

Module

rshd.c

Procedure name

doit()

EZYRS25E

Unknown login.

Explanation

The login was incorrect.

System action

RSHD ends.

Operator response

Try the command again.

System programmer response

It is considered to be a security violation to tell the client if the user ID or password is incorrect, so this is a generic message saying that one of them is incorrect.

Module

rshd.c

Procedure name

doit()

EZYRS26E**WWW@XXX as YYY: no home directory. cmd = ZZZ**

Explanation

The remote user *WWW* at the remote site *XXX* logging on as user ID *YYY* does not have a home directory specified. The command *ZZZ* was specified

System action

RSHD ends.

Operator response

None.

System programmer response

The user ID *YYY* will need to have a home directory specified in the security database.

Module

rshd.c

Procedure name

doit()

EZYRS27E**No remote directory.**

Explanation

No home directory has been set up on the remote host for the logon ID.

System action

RSHD ends.

Operator response

Contact the system programmer at the remote site and have a home directory set up in the security database.

System programmer response

Set up a home directory in the security database.

Module

RSHD.c

Procedure name

doit()

EZYRS28E

WWW@XXX as YYY: permission denied. cmd = ZZZ

Explanation

The remote user *WWW* at the remote site *XXX* logging on as user ID *YYY* does not have a valid logon ID or password. The command *ZZZ* was specified

System action

RSHD ends.

Operator response

None.

System programmer response

The user ID *YYY* will need to have a logon ID of password specified in the security database.

Module

rshd.c

Procedure name

doit()

EZYRS30E

Logins currently disabled.

Explanation

The systems administrator has disabled logins.

System action

RSHD ends.

Operator response

None.

System programmer response

A file in the /etc directory with the name nologin has been created. This disables all logins except superusers.

Module

rshd.c

Procedure name

doit()

EZYRS31E	Cannot make pipe.
-----------------	--------------------------

Explanation

Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

System action

RSHD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

Module

rshd.c

Procedure name

doit()

EZYRS32E	Cannot make pipe1.
-----------------	---------------------------

Explanation

Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

System action

RSHD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

Module

rshd.c

Procedure name

doit()

EZYRS33E **Cannot make pipe2.**

Explanation

Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

System action

RSHD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

Module

rshd.c

Procedure name

doit()

EZYRS34E **Cannot fork; try again.**

Explanation

The parent process is trying to fork off a child process. It has not been able to do this.

System action

RSHD ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

Module

rshd.c

Procedure name

doit()

EZYRS35E

Explanation

An error occurred while reading data from socket zero. Socket zero is the standard input socket.

System action

RSHD ends.

Operator response

Try the failing command again and if it still fails, contact the system programmer.

System programmer response

This error should not occur. Contact the IBM System Support Center.

Module

rshd.c

Procedure name

doit()

EZYRS36I

WWW@XXX as YYY: cmd = zzz

Explanation

If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS37E	setgid failed
-----------------	----------------------

Explanation

A set group ID subroutine failed.

System action

RSHD ends.

Operator response

Contact the system programmer.

System programmer response

The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

Module

rshd.c

Procedure name

doit()

EZYRS38E	initgroups failed
-----------------	--------------------------

Explanation

An initgroups subroutine failed.

System action

RSHD ends.

Operator response

Contact the system programmer.

System programmer response

The subroutine can fail for the following reasons:

- The number of supplementary groups of the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

Module

rshd.c

Procedure name

doit()

EZYRS39E

setuid failed

Explanation

A setuid failed.

System action

RSHD ends.

Operator response

Contact the system programmer.

System programmer response

A setuid failed. The following are the reasons that a setuid can fail:

- The process is currently not able to change UIDs.
- The value of uid is incorrect.
- The process does not have appropriate privileges to set the UID to uid.

Module

rshd.c

Procedure name

doit()

EZYRS40E

Explanation

An error has occurred in trying to open the shell process to do the requested command.

System action

RSHD ends.

Operator response

Try the command again. If the problem persists contact the system programmer.

System programmer response

An execl can fail for the following reasons:

- The new process's combined argument list and environment list has more bytes than the system defined limit ARG_MAX.
- The process did not have appropriate permissions to run the specified file for one of the following reasons:
 - The process did not have permission to search a directory named in your path.
 - The process did not have execute permission for the file to be run.
 - The file to be run was not a regular file and the system cannot run files of its type.
- The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory.

Module

rshd.c

Procedure name

doit()

EZYRS41E

String too long

Explanation

A string that is being converted from ASCII to EBCDIC is too long.

System action

RSHD ends.

Operator response

Try the command again and if the problem persists contact the system programmer.

System programmer response

A string that is outside the permissible limits is being passed to RSHD. Check the parameters being passed and if everything looks correct contact the support center.

Module

rshd.c

Procedure name

getstr()

EZYRS42E

rshd -adlnLV

Explanation

This message follows EZYRS02W. It displays the valid options that are permitted in /etc/inetd.conf for the rshd server.

System action

RSHD ends.

Operator response

None.

System programmer response

Correct the options specified in /etc/inetd.conf and from a superuser ID do a kill -1 *pid number* to cause inetd to reread the inetd.conf file.

Module

rshd.c

Procedure name

getstr()

EZYRS43E**WWW as YYY: Unknown login. cmd = ZZZ**

Explanation

The remote user WWW is logging on as user ID YYY does not have a valid logon ID. The command ZZZ was specified.

System action

RSHD ends.

Operator response

None.

System programmer response

The user ID YYY will need to have a valid logon ID. specified in the security database.

Module

rshd.c

Procedure name

doit()

EZYRS44E**WWW as YYY: no home directory. cmd = ZZZ**

Explanation

The remote user WWW logging on as user ID YYY does not have a home directory specified. The command ZZZ was specified.

System action

RSHD ends.

Operator response

None.

System programmer response

The user ID YYY will need to have a home directory specified in the security database.

Module

rshd.c

Procedure name

doit()

EZYRS45E**WWW as YYY: permission denied. cmd = ZZZ**

Explanation

The remote user WWW logging on as user ID YYY does not have a valid logon ID or password. The command ZZZ was specified.

System action

RSHD ends.

Operator response

None.

System programmer response

The user ID YYY will need to have a logon ID or password specified in the security database.

Module

rshd.c

Procedure name

doit()

EZYRS46I**WWW as YYY: cmd = zzz**

Explanation

If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file. The remote user WWW logging on as user ID YYY has executed command zzzq.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS47I**WWW as YYY: cmd = zzz****Explanation**

If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file. The remote user WWW logging on as user ID YYY has executed command zzz.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS48I**Trusted host activated****Explanation**

The rsh client has issued a command that does not have a password in it. The trusted host installation exit has been invoked. This message is only written to the log file if syslogd.conf has been configured and LOG_INFO has been specified.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS49I	Trusted host authentication failed.
-----------------	--

Explanation

The rsh client has issued a command that does not have a password in it. The trusted host installation exit has been invoked. The installation exit returned something other than a zero (0) return code. This message will be followed by message EZYRS36I. These messages are only written to the log file if syslogd.conf has been configured and LOG_INFO has been specified.

System action

RSHD ends.

Operator response

The .rhosts file has incorrect information or there has been an attempt to circumvent the authentication.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS50E	<i>function failed. description rsn = errnojr</i>
-----------------	--

Explanation

An unexpected value was returned from *function*. Processing ends.

function is the name of the C/C++ run-time function. See the [z/OS C/C++ Runtime Library Reference](#) for information about C/C++ run-time functions.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

RSHD ends.

Operator response

Reissue the RSH command, if the problem persist contact the system programmer.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

rshd.c

Procedure name

main()

EZYRS51I**Stderr socket is *socket***

Explanation

Shows the socket number used for the standard error connection. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS52I**Int(*socket*): 20-bytes hex data 10 char *ascii***

Explanation

Shows the data being sent from the client to the server after the command has been read. *socket* is the socket from which the data was read. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS53I

Ont(socket): 20-bytes hex data 10 char ascii

Explanation

Shows the data being sent from the server to the client after the command has been read. *socket* is the socket to which the data was written. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS54I

Signal signal received on socket socket

Explanation

Shows the value of a signal received from the client. This signal will be passed to the child process executing the command. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS55I**EOF received on socket *socket*****Explanation**

Indicates a EOF was received on the socket. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS56I**Child stdin socket is *socket*****Explanation**

Identifies the socket assigned in the parent process to the child standard input. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS57I**Child stdout socket is *socket*****Explanation**

Identifies the socket assigned in the parent process to the child standard output. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

EZYRS58I**Child stderr socket is *socket*****Explanation**

Identifies the socket assigned in the parent process to the child standard error. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action

RSHD continues.

Operator response

None.

System programmer response

None.

Module

rshd.c

Procedure name

doit()

Explanation

This message is issued for debugging, error conditions, or both. It is written to syslog. It might be returned to the orshd client. If debugging is on for orshd, this message indicates that the Kerberos run-time function completed and gives the return code. If debugging is off for orshd, this message is issued if the Kerberos run-time function completes with a nonzero return code.

funcname is the Kerberos run-time function. Kerberos run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Administration](#).

rcode is the hexadecimal return code from the Kerberos run-time function. The return codes from the run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Administration](#) under Kerberos Runtime Codes.

System action

orshd ends.

Operator response

If the message has a nonzero return code, the orshd client might not be authorized for kerberos use of orshd. Check with your system administrator.

System programmer response

Verify that the orsh client is authorized for Kerberos V5. Verify the Kerberos configuration.

Module

rshdkerb

Procedure name

do_kerb5()

Explanation

This message is issued to syslog when the orshd server detects an error in the Kerberos communication with the client.

errortype can be one of the following:

V1 validation

In the Kerberos exchange between client and server, the V1 validation failed.

V2 validation

In the Kerberos exchange between client and server, the V2 validation failed.

AP REQ validation

In the Kerberos exchange between client and server, the AP REQ validation failed.

checksum failed

The orshd server start up configuration options specify that the Kerberos checksum must be valid (using -m option). In the Kerberos exchange between client and server, the checksum was not valid.

encryption required

The orshd server start up configuration options specify that kerberos and encryption will be used (using -e option). In the exchange between client and server, the client did not specify encryption.

forwarding is unsupported

Credentials forwarding was requested by the orsh Kerberos client. The orshd server does not support credentials forwarding.

System action

orshd ends.

Operator response

Contact the system or network administrator.

System programmer response

Turn on debugging for orshd to determine where in the Kerberos flow the error occurred. Verify that the orsh client is a valid Kerberos V5 client. There is probably a mismatch in the Kerberos support or options supported between the orsh client and server. Review the Kerberos configuration between the client and the server.

Module

rshdkerb

Procedure name

do_kerb5()

EZYRS61E**GSS-API function *funcname* error - *errmsg*****Explanation**

This message is written to syslog by the orshd server. The Kerberos GSS-API run-time function failed. The text error message is provided.

funcname is the GSS-API run-time function that completed in error. GSS-API run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Programming](#).

errmsg is the text error message returned by the GSS-API run-time library. The messages from the run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Administration](#).

System action

orshd ends.

Operator response

The orshd client might not be authorized for GSS-API use of orshd. Contact your system administrator.

System programmer response

Turn on rshd debugging to determine where in the flow the error occurred. Verify that the client supports and is authorized for GSS. Verify the Kerberos GSS configuration between the client and server.

Module

rshdgss

Procedure name

do_gssapi()

EZYRS62E

GSS-API function CALLING error *call_error* ROUTINE error *routine_error*

Explanation

This orshd message accompanies EZYRS61E. When a GSS-API run-time function has a nonzero return code, the message is written to syslog. This message identifies the GSS-API CALLING error and the ROUTINE error as defined by the GSS-API, and might be used for debugging.

call_error is the calling error part of the major status value returned by the GSS-API run-time library function. The major status value is described in the [z/OS Integrated Security Services Network Authentication Service Programming](#).

routine_error is the routine error part of the major status value returned by the GSS-API run-time library function. The major status value is described in the [z/OS Integrated Security Services Network Authentication Service Programming](#).

System action

orshd ends.

Operator response

The orshd client might not be authorized for GSS-API use of orshd. Contact your system administrator.

System programmer response

Verify that the client supports and is authorized for GSS. Verify the Kerberos GSS configuration between the client and server.

Module

rshdgss

Procedure name

do_gssapi()

EZYRS63I

GSS-API function *funcname* complete

Explanation

This is an orshd informational message written to syslog if orshd has debugging turned on. It is used to determine which of the GSS-API run-time functions have completed successfully.

funcname is the GSS-API run-time function that completed. GSS-API run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Programming](#).

System action

None.

Operator response

None.

System programmer response

None.

Module

rshdgss

Procedure name

do_gssapi()

EZYRS64I	GSS-API received a token of length <i>token_length</i>
-----------------	---

Explanation

This is an orshd GSS-API informational message written to syslog. It is a progress message for debugging and indicates that the orshd server received the GSS-API token from the client.

token_length is the decimal length of the GSS-API token received from the orsh client.

System action

None.

Operator response

None.

System programmer response

None.

Module

rshdgss

Procedure name

do_gssapi()

EZYRS65I	GSS-API sent token of length <i>token_length</i>
-----------------	---

Explanation

This is an orshd GSS-API informational message written to syslog. It is a progress message for debugging and indicates that the orshd server sent the GSS-API token to the client.

token_length is the decimal length of the GSS-API token sent to the orsh client.

System action

None.

Operator response

None.

System programmer response

None.

Module

rshdgss

Procedure name

do_gssapi()

EZYRS66W**-k start option not valid for IPv6 connection****Explanation**

Kerberos version 5.0 or the GSSAPI is not supported for IPv6 connections.

System action

Connection to the client is closed.

Operator response

If tcp6 is specified in the inetd configuration file for the shell service, then start RSHD without the -k start option.

System programmer response

None.

Module

rshd.c

Procedure name

main()

Chapter 12. EZYTxxxx messages

EZYTE01E

Cannot translate current code page.

Explanation

This message is written to the client as well as the syslog file. An invalid return code was received from the routine `initxlate()`, using the default code page ISO8859-1. The connection ends. This could be the result of one of the following conditions:

- Invalid return from `iconv_open()` for building either the ASCII EBCDIC translation table or the EBCDIC to ASCII translation table.
- Invalid return from `iconv()` after opening the translate table.

System action

Processing ends.

Operator response

Look for further information regarding the failure in the syslog file.

System programmer response

Correct the problem with the translation tables and reexecute the job.

Module

telnetd.c

Procedure name

main

EZYTE02E

Invalid suboption in /etc/inetd.conf. Option = *option*

Explanation

An invalid suboption has been specified in the `/etc/inetd.conf` file for **-a**, **-c**, **-D**, or **-X** option.

System action

Processing ends.

Operator response

None.

System programmer response

Correct the configuration options in `/etc/inetd.conf` for the entry `otelnets` under the column service name.

Module

telnetd.c

Procedure name

main

EZYTE03E**Invalid option in /etc/inetd.conf. Option = *option*****Explanation**

An invalid option has been specified in the /etc/inetd.conf file for telnetd.

System action

Processing ends.

Operator response

None.

System programmer response

Correct the configuration options in /etc/inetd.conf for the entry otelnetd under the column service name.

Module

telnetd.c

Procedure name

main

EZYTE04I***catgets description rsn = errnojr*****Explanation**

This describes an error which occurred with the first attempt to retrieve a message from the message catalog. If this message appears, otelnetd will use the default messages hard-coded within the software. Otherwise, otelnetd will use the message catalog stored in the file /usr/lib/nls/msg/C/tnmsgs.cat.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

main

EZYTE05I

**Trace *debug* Debug *diag* keepalive *keepaliv* kludgeline mode *lmode*
hostinfo *hostinfo* Registered host *registerd_host* line mode *always*
multi_proc *multi_proc***

Explanation

If -D report/all is specified, the above messages will be issued. They describe the parameter settings after the /etc/inetd.conf for telnet is read and processed. Trace flag corresponds to -t. Debug flag corresponds to -D. line mode flags corresponds to -l. Kludgeline mode corresponds to -k. Keepalives correspond to -n. hostinfo flags correspond to -h and Registered host - U. multi_proc corresponds to -m.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

main

EZYTE07E

Errors found during processing /etc/inetd.conf. Check the syslog file for more information.

Explanation

This message is written to the client not the syslog file. It is informing the user that the parameters which were specified for telnet server are invalid.

System action

Processing continues.

Operator response

Check the /etc/inetd.conf for the parameters specified. Check the stderr file to determine which parameters were identified as invalid. The supported options will be printed in the syslog file. Correct the error and try again.

System programmer response

None.

Module

telnetd.c

Procedure name

usage

EZYTE08I**Usage: Supported options for telnetd:**

Explanation

This message displays a list of all supported options for otelnetd. See [z/OS Communications Server: IP Configuration Guide](#) for more information.

System action

Processing ends.

Operator response

Log in again after the system programmer corrects the invalid options.

System programmer response

Correct the invalid options in `/etc/inetd.conf`.

Module

telnetd.c

Procedure name

usage

EZYTE09E**Telnet session is ending.**

Explanation

This message is written to the client as well as the syslog file. An error was found during processing the telnet server options.

System action

Processing ends.

Operator response

Correct the invalid option and re-execute the job.

System programmer response

None.

Module

telnetd.c

Procedure name

usage

EZYTE10I**terminaltypeok: call tgetent (buf, *terminal type*)**

Explanation

This message is issued if -t is specified for tracing. It identifies the terminal type which is being negotiated for this connection.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

terminaltypeok

EZYTE11I	doit: host_name <i>host name</i> doit: IP address <i>IP_address</i> doit: PORT <i>port</i> doit: host <i>host_name</i>
-----------------	---

Explanation

The following are variables that are set as a result of the gethostname(), gethostbyaddr(), getnameinfo(), or getaddrinfo().

- *host_name* is the name server name related to the IP address of the client.
- *IP_address* is the Internet address of the client.
- *port* is the port that the client is using.
- *host_name* is the MVS system being telnetted to.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

doit

EZYTE12E	userid <i>Permission denied.</i>
-----------------	---

Explanation

This message is written to the client as well as the syslog file. The security checks for the user ID specified failed.

System action

Processing ends.

Operator response

Verify that the user ID specified is valid for the system trying to access. Verify that the password is the correct password for this userid. Try the access again.

System programmer response

None.

Module

telnetd.c

Procedure name

doit

EZYTE13E	setgid failed <i>description</i> <i>rsn = reason code</i>
-----------------	--

Explanation

This message is written to the client as well as the syslog file. A set group ID subroutine failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

Contact the system programmer.

System programmer response

The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

Module

telnetd.c

Procedure name

doit()

Explanation

This message is written to the client as well as the syslog file. An initgroups subroutine failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

Contact the system programmer.

System programmer response

The subroutine can fail for the following reasons:

- The number of supplementary groups for the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

Module

telnetd.c

Procedure name

doit()

Explanation

This message is written to the client as well as the syslog file. A setuid failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

Contact the system programmer.

System programmer response

A setuid failed. The following are the reasons that a setuid can fail:

- The process is currently not able to change UIDs.
- The value of uid is incorrect.
- The process does not have appropriate privileges to set the UID to uid.

Module

telnetd.c

Procedure name

doit()

EZYTE16I uid is: *uid*, gid is *gid*

Explanation

X is the uid that is obtained from the password structure and Y is the gid that is obtained from the password structure. This message is written to the trace file if -t is specified as a telnet server option.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

doit()

EZYTE17I interrupt()

Explanation

Entered the interrupt subroutine. Used for tracing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

interrupt()

EZYTE18I	sendbrk()
-----------------	------------------

Explanation

Entered the sendbrk subroutine. Used for tracing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

sendbrk()

EZYTE19I	sendsusp()
-----------------	-------------------

Explanation

Entered the sendsusp subroutine. Used for tracing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

sendsusp()

EZYTE20I**recv_ayt()****Explanation**

Entered the recv_ayt subroutine. Used for tracing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

recv_ayt()

EZYTE21I**doeof()****Explanation**

Entered the doeof subroutine. Used for tracing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

doeof()

EZYTE22I**herald() entered for *filename***

Explanation

The herald routine was entered to process the file. This message is used for tracing.

In the message text:

filename

The file name that is being processed by the herald routine.

System action

Processing continues.

Operator response

None.

System programmer response

None.

User response

None.

Problem determination

Not applicable.

Source

z/OS Communications Server: z/OS UNIX Telnet server (otelneta)

Module

otelneta.c

Routing code

*

Descriptor code

*

Automation

Not applicable for automation

Example

```
EZYTE22I herald() entered for /etc/otelneta.banner
```

EZYTE27I**login:**

Explanation

This message is written to the client not the syslog file. A request from the server to the user to enter their userid.

System action

Processing continues.

Operator response

Specify the correct user ID for the system which you are telnet'ing to. Processing continues.

System programmer response

None.

Module

telnetd.c

Procedure name

verify_password()

EZYTE28I

userid Password:

Explanation

This message is written to the client not the syslog file. A request from the server to the user to enter their password.

System action

Processing continues.

Operator response

Specify the correct password for the user ID previously issued. Processing continues.

System programmer response

None.

Module

telnetd.c

Procedure name

verify_password()

EZYTE29I

Starting new telnet session. catfd = *catfd*

Explanation

Informational message identifying the first message issued by the server when diagnostic processing is specified. It also outputs the file descriptor associated with the message catalog. If this value is -1, than the user will be using the default messages hard-coded within the software. Otherwise, the user will be accessing the message catalog stored in the /usr/lib/nls/msg/C/tnmsgs.cat.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

main

EZYTE30E	Invalid return code received from expired_pw().
-----------------	--

Explanation

This message is written to the client as well as the syslog file. The password entered for the user ID specified has expired. The MVS SAF routine has been called to verify the new password entered. It complained resulting in the failure.

System action

Processing ends.

Operator response

Check for more information about the __passwd function in your syslog. Specify a valid new password and try again.

System programmer response

None.

Module

telnetd.c

Procedure name

verify_password()

EZYTE31E	Processing ends. Caller is not a member of BPX.DAEMON facility.
-----------------	--

Explanation

This message is written to the client as well as the syslog file. The return from __passwd() function resulted in an errno of EPERM. This informs the user that they are not a member of the BPX.DAEMON security package.

System action

Error

Operator response

Contact your system support programmer to enable you for BPX.DAEMON

System programmer response

None.

Module

telnetd.c

Procedure name

verify_password()

EZYTE32W	You entered an invalid login name or password.
-----------------	---

Explanation

This message is written to the client as well as the syslog file. The return from `__passwd()` function resulted in an `errno` stating that the password/user ID combination is invalid. The user will get three attempts to issue the correct password for the user ID specified. After the third invalid attempt the connection is ended.

System action

Processing continues until after the third attempt, then it is ended.

Operator response

Ensure you are issuing the correct password/user ID and try again.

System programmer response

None.

Module

telnetd.c

Procedure name

verify_password()

EZYTE33W	Password expired.
-----------------	--------------------------

Explanation

This message is written to the client as well as the syslog file. The return from `__passwd()` function indicates that the password entered has expired.

System action

Processing continues.

Operator response

The program will continue processing and request that the user specify a new password.

System programmer response

None.

Module

telnetd.c

Procedure name

expired_pw()

EZYTE34I**Enter new password.****Explanation**

This message is written to the client and not the syslog file. The return from `__passwd()` function indicates that the password entered has expired. A request for a new password is indicated.

System action

Processing continues.

Operator response

Enter new password.

System programmer response

None.

Module

telnetd.c

Procedure name

expired_pw()

EZYTE35I**Re-enter new password.****Explanation**

This message is written to the client and not the syslog file. Reenter the password again to check for typos on entering the expired password.

System action

Processing continues.

Operator response

Enter new password.

System programmer response

None.

Module

telnetd.c

Procedure name

expired_pw()

EZYTE36E

You entered an invalid password.

Explanation

This message is written to the client as well as syslog file. A call was made to __passwd() to change the expired password. The new password specified resulted in errors.

System action

Processing continues.

Operator response

Check the *errno* and *errnojr* for more information. Enter new password.

System programmer response

None.

Module

telnetd.c

Procedure name

expired_pw()

EZYTE37E

New passwords do not match.

Explanation

This message is written to the client as well as syslog file. The second password entered does not match the first password entered.

System action

Processing continues.

Operator response

reenter new password.

System programmer response

None.

Module

telnetd.c

Procedure name

expired_pw()

EZYTE38E

Password too long.

Explanation

This message is written to the client as well as syslog file. The password specified is too long. Only a maximum of eight characters can be used for the password.

System action

Processing continues.

Operator response

Pick a new password.

System programmer response

None.

Module

telnetd.c

Procedure name

expired_pw()

EZYTE39W**Terminal type = DUMB. No full screen applications are supported**

Explanation

This message is written to the syslog during diagnostic processing. Basically the terminal type specified during telnet negotiation was unsupported. Processing will continue but it will act as a dumb terminal. This means that all full screen applications will not work. Character-at-a-time raw mode applications such as **vi** will not work with a dumb terminal because they require full screen cursor support. Terminal types identified as 3270 will be changed to DUMB terminals.

System action

Processing continues.

Operator response

Do not use any full screen application.

System programmer response

None.

Module

telnetd.c

Procedure name

getterminaltype

EZYTE40E**cleanup: waitpid failed. *description* rsn = *errnojr***

Explanation

The `waiidpid()` provides a general interface that need to wait for certain child processes, that need resource utilization statistics accumulated by child process. A -1 was returned from the `waitpid()` for the child.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None.

System programmer response

The following conditions could be the result of an `waitpid` failure.

- The calling process has no existing unwaited-for child processes.
- The `wait_status` point to an illegal address.
- The call was interrupted by a caught signal or the signal did not have the `SA_RESTART` flag set.

Module

telnetd.c

Procedure name

`cleanup()`

EZYTE41I

cleanup: child exit status = wait status

Explanation

The result of the `waitpid` specified during cleanup.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

`cleanup()`

Explanation

This message is written to the client as well as the syslog file. The parent process is trying to fork off a child process. It has not been able to do this.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

Try the failing command again and if it still fails contact the system programmer.

System programmer response

The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

Module

telnetd.c

Procedure name

doit()

Explanation

The parent process is responding to the waitpid issued for the utmp processing. The parent could not cleanup the pid entry for the user ID specified.

System action

Processing continues.

Operator response

None.

System programmer response

Possibly the /etc/utmpx file had been updated already to remove the user ID associated with this pid number.

Module

telnetd.c

Procedure name

cleanup()

EZYTE46E

EXECL: error *description* rsn = *errnojr*

Explanation

This message is written to the client as well as the syslog file. An error has occurred in trying to open the shell process to do the requested command.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

Try the command again. If the problem persists contact the system programmer.

System programmer response

An execl can fail for the following reasons:

- The new process's combined argument list and environment list has more bytes than the system defined limit ARG_MAX.
- The process did not have appropriate permissions to run the specified file for one of the following reasons:
 - The process did not have permission to search a directory named in your path.
 - The process did not have execute permission for the file to be run.
 - The file to be run was not a regular file and the system cannot run files of its type.
- The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory. Correct the error indicated by *description* and *errnojr*.

Module

telnetd.c

Procedure name

doit()

EZYTE47I

Int: 20 bytes hex data 10 char ascii .

Explanation

This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The `/etc/inetd.conf` must have specified `-D netdata` or `-D all`.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE48I

Ont: 20 bytes hex data 10 char ascii .

Explanation

This is hex/ascii representation of data which was outputted from the telnet server to the client via the socket file descriptor. This is only seen during tracing of the server. The `/etc/inetd.conf` must have specified `-D netdata` or `-D all`.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE49I

Ipt: 20 bytes hex data 10 char ascii .

Explanation

This is hex/ascii representation of data which was inputted from the child to the telnet server via the primary file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all. There might be an additional 4 bytes which are control data which will not be displayed with this message.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE51W**terminaltypeok: Tgetent failure**

Explanation

The terminal type which was passed to the CURSES routine tgetent, did not match the supported types. Processing will attempt to negotiate a new terminal type. The supported terminal types can be found in /usr/lib/terminfo/ibm

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

terminaltypeok()

EZYTE52E**Couldn't resolve your address into a host name. IP address is *IP address description* rsn = *errnojr***

Explanation

This message is written to the client as well as the syslog file. The function call to a `gethostbyaddr()` or `getnameinfo()` resulted in a failure. `gethostbyaddr()` or `getnameinfo()` returns a pointer to an object describing an Internet host referenced by address. This structure contains the information obtained from the name server.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends. if -U specified. Otherwise, processing continues.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*. The following are possible reasons for failure:

- No such host is known.
- The local server did not receive a response from an authoritative server. Try again at some later time.
- Some unexpected server failure was encountered.
- The requested name is valid but does not have an IP address associated with this name.
- The local name server might be down.

Module

telnetd.c

Procedure name

doit()

EZYTE54E**All network ports in use.**

Explanation

This message is written to the client as well as the syslog file. An attempt was made to identify ttys for the child process. An associated tty could not be obtained.

System action

Processing ends.

Operator response

Wait until some network ports are available.

System programmer response

Ensure that you have enough `/dev/ptypXXXX` and `/dev/ttypXXXX` for the number of users accessing your system. Examine the ports in use and ensure that none of them are zombies. Eliminate any zombies if found to free up some more ports.

Module

telnetd.c

Procedure name

doit()

EZYTE55E**Getpty failed.****Explanation**

An attempt was made to identify ttys for the child process. An associated tty could not be obtained.

System action

Processing ends.

Operator response

Wait until some network ports are available.

System programmer response

Ensure that you have enough /dev/ptypXXXX and /dev/ttypXXXX for the number of users accessing your system. Examine the ports in use and ensure that none of them are zombies. Eliminate any zombies if found to free up some more ports.

Module

telnetd.c

Procedure name

doit()

EZYTE56I**Yes****Explanation**

This message is written to the client not the syslog file. A request was issued for AYT by the user.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

recv_ayt()

EZYTE57I**TELNETD: netwrite *len* chars****Explanation**

The software issued data to be written to the client. This identifies the number of characters transmitted over the socket.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

recv_ayt

EZYTE59I**read_pw: Character ignored *char*****Explanation**

Telnet was reading in information typed in by the user (usually user ID or password). There is an extraneous byte of information received after the carriage return (new line). This byte is ignored and processing is continued.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

read_pw()

EZYTE60I**cleanup(): child_pid = *child_pid***

Explanation

The child_pid specified is associated with the spawn issued at the start of this connection for the child.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

cleanup()

EZYTE61E

parent: waitpid failed, status = *wait status*

Explanation

The waitpid() provides a general interface that need to wait for certain child processes, that need resource utilization statistics accumulated by child process. A -1 was returned from the waitpid() for the child.

System action

Processing continues.

Operator response

None.

System programmer response

The following conditions could be the result of an waitpid failure.

- The calling process has no existing unwaited-for child processes.
- The wait_status point to an illegal address.
- The call was interrupted by a caught signal or the signal did not have the SA_RESTART flag set.

Module

telnetd.c

Procedure name

cleanup()

EZYTE63I

Int: 20 bytes hex data 10 char ascii .

Explanation

This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to telnet negotiation data seen during processing of password and/or userid.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

read_pw()

EZYTE64I

Int: 20 bytes hex data 10 char ascii .

Explanation

This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to input data received for password/user ID which exceeds the length of the buffer for password/user ID (8 bytes). This data will be ignored for further processing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

read_pw()

EZYTE65I

PROTOCOL: send IAC Data Mark.

Explanation

A Data mark was sent to the client by the server.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE66I

**PROTOCOL: lmodetype = *lmodetype* linemode = *linemode* useline
useline**

Explanation

lmodetype signifies whether the client handle real linemode or if use of kludgelinemode is needed. It will be set to one of the following:

- 0x04 REAL-LINEMODE - use the linemode option
- 0x03 KLUDGE-OK
- 0x02 NO-AUTOKLUDGE
- 0x01 KLUDGE-LINMEODE - use kludge linemode
- 0x00 NO-LINMODE - client is ignorant of linemode

linemode is true if linemode is currently on.

uselinemode is the state that we wish to be in.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE67I

**S(nfd): socketfd..ibits=*ibits* obits=*obits* ebits=*ebits* S(nfd):
pty...ibits=*ibits* obits=*obits* ebits=*ebits***

Explanation

These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the read, write and exceptions on either the primaryfd (pty) or the socketfd. They are associated with what will happen within the protocol function. They determine if reading/writing of the primary file descriptor or the socket file descriptor will occur. They will also determine if there is an exception outstanding on a particular pty which needs to be addressed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE68I

Ept: #bytes = cc pkcontrol(cntl) cntl

Explanation

These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An exception condition was identified which needs to be processed. This identifies the number of bytes read in for the exception and what the actual exception condition was which needs to be handled.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE69I

PROTOCOL: cntl = *cntl*

Explanation

These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. The resulting exception condition after it has been processed with out-of-band data.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE70W

PROTOCOL: Found an unknown exception.

Explanation

These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An exception was read in which we are not processing currently. It is ignored. The ones currently handled are:

- FLUSHWRITE
- DOSTOP
- NOSTOP
- CHCP
- IOCTL

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE71I**SYNCHing is turned on****Explanation**

These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE72I**PROTOCOL: netread *ncc* chars.****Explanation**

These messages are only issued if -t is specified in /etc/inetd.conf. Identifies the number of bytes read in from the client to be either sent on to the child or processed by the server.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE73I**PROTOCOL: EOF on socket.****Explanation**

These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE74W**PROTOCOL: EOF on primary tty.****Explanation**

These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An EOF was received on the primary tty. This results in the cleanup routine being called and the session eventually terminated.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE78I**PROTOCOL: ptyread pcc chars**

Explanation

These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the number of bytes read in from the child. They will be sent on to the client after processing by the server.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE79E	PROTOCOL: select mask too small, increase FD_SETSIZE <i>description</i> <i>rsn = errnojr</i>
-----------------	--

Explanation

This message is written to the client as well as the syslog file. Select uses bit masks of file descriptors in longs. FD_SETSIZE is defaulted to 2048.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the Reason codes of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Increase the FD_SETSIZE to an appropriate number and rebuild the server.

Module

protocol.h

Procedure name

telnet()

EZYTE80W	PROTOCOL: select <i>description</i> <i>rsn = errnojr</i>
-----------------	---

Explanation

This message is written to the syslog file when the select() function Call has terminated due to a timeout value being exceeded. The telnet session is ended.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Session is cancelled due to timeout.

Operator response

None.

System programmer response

Check the -c value in the /etc/inetd.conf file to verify that the timeout value is appropriate.

- The select() timed out.
- The telnet session is ended due to the select() timeout.
- Check the -c select timeout value in the /etc/inetd.conf file.

Module

protocol.h

Procedure name

telnet()

EZYTE81E **PROTOCOL: ioctl net FIONBIO. *description* rsn = *errnojr***

Explanation

An unexpected value was returned from the ioctl.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*. The following are some possible explanations of the failure:

- The file descriptor specified is invalid.

- The file descriptor specified is not associated with a character special device.
- The specified request does not apply to the kind of object that the socket file descriptor references.

Module

protocol.h

Procedure name

telnet()

EZYTE82E **PROTOCOL: error fcntl primaryfd FIONBIO. *description* rsn = *errnojr***

Explanation

An unexpected value was returned from the ioctl.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*. The following are some possible explanations of the failure:

- The file descriptor specified is invalid.
- The file descriptor specified is not associated with a character special device.
- The specified request does not apply to the kind of object that the socket file descriptor references.

Module

protocol.h

Procedure name

telnet()

EZYTE84I **PROTOCOL: SIMULATING receive**

Explanation

An unexpected value was returned from the ioctl.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE85I	SYNCHing = SYNCHing
-----------------	----------------------------

Explanation

An unexpected value was returned from the ioctl.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTE86W	TELNETD: setitimer <i>description</i> rsn = <i>errnojr</i>
-----------------	---

Explanation

This message is written to the syslog file when the setitimer expires due to the timeout value being exceeded before the user had logged in. The telnet session is ended.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes of the z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Session is cancelled due to timeout.

Operator response

None.

System programmer response

Check the -c value in the /etc/inetd.conf file to verify that the timeout value is appropriate.

- The user timed out before logging in.
- The telnet session is ended due to the user timeout.
- Check the -c timeout value in the /etc/inetd.conf file.

Module

telnetd.c

Procedure name

telnet()

EZYTE87W

TELNETD: sigaction() failed - *description* rsn = *errnojr*

Explanation

This message is written to the syslog file when the sigaction() has failed. This will cause the user timeout value before login (-c option) not to be set. The telnet session continues without the timeout set.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Signal handler for SIGALRM not set up, user timeout before login will not be set.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

telnetd.c

Procedure name

telnet()

EZYTE88E

herald: *function* error on *filename* *description* rsn = *errnojr*

Explanation

The herald routine attempted to perform the specified function using the specified file, but the function failed. The banner page from this file will not be displayed.

In the message text:

function

The function call that failed.

filename

The file name that is being processed by the herald routine.

description

A description of the error.

errnojr

The hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None.

System programmer response

Correct the error indicated by the *description* and *errnojr* values. If you do not want telnet to display this banner page, specify the -h option on the telnet configuration parameter.

User response

Not applicable.

Problem determination

See the system programmer response.

Source

z/OS Communications Server: z/OS UNIX Telnet server (otelnetd)

Module

telnetd.c

Routing code

*

Descriptor code

*

Automation

Not applicable for automation

Example

```
EZYTE88E herald: stat error on /etc/otelnetd.banner EDC5129I No such file or directory. rsn = 053B006C
```

EZYTE89I

herald: *filename* is an empty file

Explanation

The specified file is empty. The expected banner page is not displayed.

In the message text:

filename

The name of the file that is being processed by the herald routine.

System action

Processing continues.

Operator response

None.

System programmer response

Ensure that a banner page is stored in the specified file, or if you do not want telnet to display this banner page, specify the -h option on the telnet configuration parameter.

User response

Not applicable.

Problem determination

Not applicable.

Source

z/OS Communications Server: z/OS UNIX Telnet server (otelnetd)

Module

telnetd.c

Routing code

*

Descriptor code

*

Automation

Not applicable for automation.

Example

```
EZYTE89I herald: /etc/otelnetd.banner is an empty file
```

EZYTE90W

Parameter -g ignored. Parameter not valid when -U coded

Explanation

This message is issued by z/OS UNIX Telnet server (otelnetd) if the -g parameter is specified when the -U parameter is also specified. The -g parameter causes otelnetd to disable gethostbyaddr and getnameinfo routines for the client IP address. The -U parameter causes otelnetd to drop connections from any IP address that cannot be mapped back into a symbolic name by the gethostbyaddr or getnameinfo routine. The -g parameter is ignored when the -U parameter is specified.

System action

Processing continues.

Operator response

Contact the system programmer.

System programmer response

Correct the conflicting parameters in the /etc/inetd.conf file.

User response

Not applicable.

Problem determination

Not applicable.

Source

z/OS Communications Server: z/OS UNIX Telnet server (otelnetd)

Module

telnetd.c

Routing code

*

Descriptor code

*

Automation

Not applicable for automation.

Example

```
EZYTE90W Parameter -g ignored. Parameter not valid when -U coded
```

EZYT001I**Int: 20 bytes hex data 10 char ascii .****Explanation**

This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to input data received for password/user ID processing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

read_pw()

EZYT002I**Ont: 20 bytes hex data 10 char ascii.****Explanation**

This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for password/user ID processing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

read_pw()

EZYT003E**Incoming session is not from a registered host.**

Explanation

The server has been configured with a -U option which stipulates that only registered hosts will be accepted. The telnet session currently being processed is not registered and will be rejected.

System action

Processing ends.

Operator response

None.

System programmer response

Ensure that the incoming address is specified in the appropriate name server or etc/host file.

Module

telnetd.c

Procedure name

doit()

EZYT004I **username = *userid***

Explanation

During processing of the userid/password, this message is issued if diagnostic processing is turned on. It will print out the user ID which was entered.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

verify_password()

EZYT005I **Initial EBCDIC codepage = *codepage*, ascii codepage = *codepage***

Explanation

If diagnostic processing is turned on, this message will indicate what the initial code page settings are.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

main()

EZYT006I

Int: 20 bytes hex data 10 char ascii.

Explanation

This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for banner processing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

herald()

EZYT007I

Ont: 20 bytes hex data 10 char ascii.

Explanation

This is hex/ascii representation of data which was outputted to the client from the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for banner processing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

herald()

EZYT008E	Password too long.
-----------------	---------------------------

Explanation

This message is written to the client as well as syslog file. The password specified is too long. Only a maximum of eight characters can be used for the password.

System action

Processing continues.

Operator response

Specify a correct password.

System programmer response

None.

Module

telnetd.c

Procedure name

read_pw()

EZYT009I	options(entry) = value .
-----------------	---------------------------------

Explanation

This message is written to the syslog file. It identifies which options have been negotiated prior to the exec() taking place in the telnet server. The option array entry corresponds to a telnet option. The resulting value represents what was negotiated. If the value is **3** it correlates with the client has agreed to perform that function. If it is **12**, then the server has agreed to perform this function.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

doit()

EZYT010E	Terminaltype is not recognized. <i>save_ttype</i>
-----------------	--

Explanation

The client responded to a DO TERMINAL TYPE, with a WILL TERMINAL TYPE. It then proceeded to send via subnegotiation, terminal types which are not supported by this server. As a valid terminal type was not received the session is ended.

System action

Processing ends

Operator response

Ensure that the client you are using can support terminal types which are supported by the curses function of tgetent(). At this time, this does not include 3270. Therefore, if your client is attempting to emulate a 3270 data stream the connection will not be accepted by this server.

System programmer response

None.

Module

telnetd.c

Procedure name

doit()

EZYT011I	Int: 20 bytes hex data 10 char ascii.
-----------------	--

Explanation

This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for telnet subnegotiation which was deferred until the tty was active.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

undo_chars()

EZYT012E	Logon user name too long.
-----------------	----------------------------------

Explanation

This message is written to the client as well as syslog file. The logon user name specified is too long. Only a maximum of eight characters can be used for the userid.

System action

Processing continues.

Operator response

Specify a correct userid.

System programmer response

None.

Module

telnetd.c

Procedure name

read_pw()

EZYT021I	STATE:telrcv: send IAC c
-----------------	---------------------------------

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation SENT during the execution of the job.

System action

Telnet Server continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

telrcv

EZYT03E**STATE:telrcv: panic state = *state*****Explanation**

An IAC command is found during telnet negotiation and is followed by an unrecognized command option.

System action

Processing ends.

Operator response

None.

System programmer response

Issue traces to determine what was attempting to be negotiated as telnet control data. Trace to issue from server is '-D options'.

Module

state.c

Procedure name

telrcv

EZYT04I**STATE:send_do: send *option*****Explanation**

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a request to issue a DO option.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

send_do

EZYTS05I**STATE:willoption: receive WILL option**

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically the receipt of WILL request.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

willoption

EZYTS06I**STATE: willoption: set to kludge ok**

Explanation

This is an informational message which is only issued if the user has specified -t in the /etc/inetd.conf file. It informs the user that kludgeline mode is operational.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

willoption

EZYTS07I**STATE:send_dont: send DON'T option**

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a request to issue a DONT option.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

send_dont

EZYT508I STATE:wontoption: receive WON'T option

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WONT was received.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

wontoption

EZYT509I STATE:send_will: send WILL option

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WILL was sent.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

send_will

EZYTS10I**STATE:doption: receive DO option**

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DO was received.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

doption

EZYTS11I**STATE:send_wont: send WON'T option**

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WONT was sent.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

send_wont

EZYT512I**STATE:dontoption: receive DON'T option**

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DONT was received.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

dontoption

EZYT513I**ENVIRON VALUE and VAR are reversed!**

Explanation

This is an informational message which is only issued if the user has specified -D options in the /etc/inetd.conf file. This is issued during suboption negotiation. To be interoperable we need to determine if the VALUE and VAR values are reversed. If the first recognized character is a VAR or VALUE, then that will tell what type of client it is. If the first recognized character is a USERVAR, then we continue scanning the suboption looking for two consecutive VAR or VALUE fields. We should not get two consecutive VALUE fields. If a client has sent a well-formed option then the number of VALUEs received should always be less than or equal to the number of VARS and USERVARs received. If not then the client has reversed the definitions.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

suboption

EZYTS14I**Opt: 20 bytes hex data 10 char ascii.**

Explanation

This is hex/ascii representation of data which was Outputted from the client to the child via the primary file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

telrcv()

EZYTS15I**STATE:doption:deferred receive DO option**

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DO was received prior to the creation of the tty which might require special tty processing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

dooption

EZYT516I STATE:willoption:deferred receive WILL option

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WILL was received prior to the creation of the tty which might require special tty processing.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

willoption

EZYT517I STATE:Defer subtopn negotiation.

Explanation

This is an informational message that is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. Subnegotiation data was received that must be deferred until the tty is active.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

suboption()

EZYTS18I**STATE:Process deferred subotopn negotiation.**

Explanation

This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. Subnegotiation data was received that must be deferred until the tty is active. Now we can process this information.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

state.c

Procedure name

suboption()

EZYTU01E**UTILITY:Read from ttloop. *description* rsn = *errnojr***

Explanation

This message is written to the client as well as the syslog file. The number of bytes returned from a read on the socketfd (client) is invalid. A negative value was received. The connection is ended.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes of the z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

Correct the error indicated by *description* and *errnojr*.

System programmer response

None.

Module

utility.c

Procedure name

ttloop

EZYTU02E	UTILITY:Read from ttloop. Peer died. <i>description</i> rsn = <i>errnojr</i>
----------	--

Explanation

This message is written to the client as well as the syslog file. The number of bytes returned from a read on the sockfd (client) is invalid. A value of zero was received. The connection is ended.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes of the z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

Correct the error indicated by *description* and *errnojr*.

System programmer response

None.

Module

utility.c

Procedure name

ttloop

EZYTU03I	UTILITY:ttloop read <i>ncc</i> chars.
----------	---------------------------------------

Explanation

This message is issued if -D report or -D ptydata, is specified. It will write the number of characters that were read in from the socketfd, (client's socket) to be processed. It will be followed by hex data, preceded by the tag **Int**. This signifies a hex and ascii representation of input data coming into the telnet server from the network.

System action

Processing continues.

Operator response

None. Debug trace data.

System programmer response

None.

Module

utility.c

Procedure name

ttloop

EZYTU04E**Telnetd: UTILITY: Can not translate current code page.**

Explanation

This message is written to the client as well as the syslog file. An error was found while processing the initxlate() routine. The function will terminate the connection.

System action

Processing ends.

Operator response

None.

System programmer response

Check for additional messages issued.

Module

utility.c

Procedure name

ReturnToDefault

EZYTU05E**UTILITY: __tcsetcp. *description* rsn = *errnojr***

Explanation

This message is written to the client as well as the syslog file. An error was found while processing the default code pages.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

utility.c

Procedure name

ReturnToDefault

EZYTU06E	Error using code pages <i>newNames.__tcp_toname</i> and <i>newNames.__tcp_fromname</i> - returning to default code pages.
-----------------	--

Explanation

This message will be issued to the client and only to syslog file, if *debug_mode* is specified. The current code pages are not working correctly. Telnet is returning to the default code pages. If -D netdata is specified, this message will be followed by the hex and ascii translation of this message preceded by the tag 'Ont'.

System action

Processing ends.

Operator response

None.

System programmer response

Check the installation of the code pages. If requested code page is not valid, generate the appropriate code page. Otherwise, if the option is valid, check to see if code page is still good.

Module

utility.c

Procedure name

ReturnToDefault

EZYTU07E	UTILITY: <i>__tcgetcp. description rsn = errnojr</i>
-----------------	---

Explanation

This message is written to the client as well as the syslog file. An error was found while changing the code pages.
description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

The connection is ended.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

utility.c

Procedure name

change_translate

EZYTU08I

Telnetd: UTILITY: Change to binary mode.

Explanation

The tty has been switched to binary mode.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

change_translate

EZYTU09I

UTILITY: Change to SingleByte pages *newNames.__tccp_toname*
newNames.__tccp_fromname

Explanation

This is a single byte code page. A call to `initxlate()` will be made to setup the new code pages.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

change_translate

EZYTU10I

UTILITY: Change to MultiByte pages *newNames.__tcp_toname*
newNames.__tcp_fromname

Explanation

This is a multi-byte code page. A call to `doMultiByte()` will be made to setup the new code pages.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

doMultiByte

EZYTU11E

UTILITY: Unexpected input string *description* *rsn = errnojr*

Explanation

This message is written to the client as well as the syslog file. The `errno` identified from `iconv` (on the `ascii` to `EBCDIC` converter) was `EINVAL`. `EINVAL` should only be encountered when the last character in the input buffer is incomplete. This did not occur.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

A2Emultiybyte_translate

EZYTU12E **UTILITY: Unexpected iconv error *description* rsn = *errnojr***

Explanation

This message is written to the client as well as the syslog file. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

A2Emultiybyte_translate

EZYTU13E **UTILITY: stilloob: select *description* rsn = *errnojr***

Explanation

This message is written to the client as well as the syslog file. A check on the file descriptor was made to determine if out of band data existed. An invalid value was returned. The value was less than zero.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

stillloop.

EZYTU14I**UTILITY: netwrite *n* chars.**

Explanation

This message is issued if -D report or -D ptydata, is specified. It will write the number of characters which were read in from the socketfd, (client's socket) to be processed. It will be followed by hex data, preceded by the tag "Ont". This signifies a hex and ascii representation of Output data coming from the Telnet server to the net.

System action

Processing continues.

Operator response

None. Debug trace data.

System programmer response

None.

Module

utility.c

Procedure name

netflush

EZYTU15I**UTILITY: ptywrite *n* chars.**

Explanation

This message is issued if -D report or -D ptydata, is specified. It will write the number of characters which were read in from the socketfd, (client's socket) to be processed. It will be followed by hex data, preceded by the tag "Opt". This signifies a hex and ascii representation of Output data coming from the Telnet server to the child.

System action

Processing continues.

Operator response

None. Debug trace data.

System programmer response

None.

Module

utility.c

Procedure name

ptyflush

EZYTU16I**UTILITY: Write of primaryfd. *description* rsn = *errnojr***

Explanation

This message is issued if -D report or -t, is specified. A negative value was received of the number of bytes written to the primaryfd. Processing continues and control is returned to the calling routine.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None. Debug trace data.

System programmer response

None.

Module

utility.c

Procedure name

ptyflush

EZYTU17I**UTILITY: *direction* suboption *sub_option***

Explanation

A telnet negotiated suboption was either received or sent by the client.

direction is either send or recieve.

sub_option is the Telnet negotiation suboption.

System action

Processing continues.

Operator response

None. Debug trace data.

System programmer response

None.

Module

utility.c

Procedure name

printsub

EZYTU18I**UTILITY: write/send from NETFLUSH**

Explanation

A telnet negotiated suboption was either received or sent by the client. The remaining portion of this command identifies what the suboption was.

System action

Processing continues.

Operator response

None. Debug trace data.

System programmer response

None.

Module

utility.c

Procedure name

printsub

EZYTU19E**UTILITY: Unexpected iconv open error *description* rsn = *errnojr***

Explanation

The iconv_open failed for ascii to EBCDIC converter. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Ensure that the converter table being specified is valid and exists.

Module

utility.c

Procedure name

doMultiByte()

EZYTU20I**Int: 20 bytes hex data 10 char ascii.**

Explanation

This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

ttloop()

EZYTU21I**Ont: 20 bytes hex data 10 char ascii.**

Explanation

This is hex/ascii representation of data which was outputted from the telnet server to the client via the socket file descriptor. This is only seen during tracing of the server. The `/etc/inetd.conf` must have specified `-D netdata` or `-D all`.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

netflush()

EZYTU22I

Opt: 20 bytes hex data 10 char ascii.

Explanation

This is hex/ascii representation of data which was Outputted from the client to the child via the primary file descriptor. This is only seen during tracing of the server. The `/etc/inetd.conf` must have specified `-D ptydata` or `-D all`.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

ptyflush()

EZYTU23E

UTILITY: Unexpected iconv error *description* rsn = *errnojr*

Explanation

This message is written to the client as well as the syslog file. The errno identified from iconv (on the EBCDIC to ascii converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

E2Amultiybyte_translate

EZYTU24E**UTILITY: Unexpected iconv error. *description* rsn = *errnojr***

Explanation

This message is written to the client as well as the syslog file. An unexpected error condition was received from the iconv call.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

E2Amultiybyte_translate

EZYTU25E**UTILITY: Unexpected iconv error *description* rsn = *errnojr***

Explanation

Building an ascii to EBCDIC translate table from the default tables. An error was produced during processing. Check the errno and errnojr for corrective action.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

initxlate()

EZYTU26E**UTILITY: Unexpected iconv error *description* rsn = *errnojr***

Explanation

Building an EBCDIC to ascii translate table from the default tables. An error was produced during processing. Check the errno and errnojr for corrective action.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

initxlate()

EZYTU27E**UTILITY: Unexpected iconv open error *description* rsn = *errnojr***

Explanation

The iconv_open failed for EBCDIC to ascii converter. The errno identified from iconv (on the EBCDIC to ascii converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Ensure that the converter table being specified is valid and exists.

Module

utility.c

Procedure name

doMultiByte()

EZYTU28E**UTILITY: Unexpected iconv open error *description* rsn = *errnojr***

Explanation

The iconv_open failed for ascii to EBCDIC converter. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Ensure that the converter table being specified is valid and exists.

Module

utility.c

Procedure name

initxlate()

EZYTU29E**UTILITY: ascii translation error *Xbuf->begin_translate***

Explanation

The iconv failed for ascii to EBCDIC converter.

System action

Processing continues.

Operator response

None.

System programmer response

Ensure that the converter table being specified is valid and exists.

Module

utility.c

Procedure name

A2Emultibyte_translate()

EZYTU30I**UTILITY: A2E Begin_write len=*bytes_translated*,data=*begin_w***

Explanation

Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

A2Emultibyte_translate()

EZYTU31I

UTILITY:E2A Begin_translate len=*inlen*,data=*begin_w*

Explanation

The iconv failed for EBCDIC to ascii converter. Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

E2Amultibyte_translate()

EZYTU32E

UTILITY:EBCDIC translation error *bad char*

Explanation

Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

E2Amultibyte_translate()

EZYTU33E

UTILITY:Termination loop detected - telnet exiting

Explanation

A loop was detected during termination while processing an unrecoverable error. The telnet server will terminate immediately after printing this message.

System action

Processing ends.

Operator response

None.

System programmer response

None.

Module

utility.c

Procedure name

fatal()

EZYTU34I

id id pri pri call failing call code errno reason errnojr h_errno h_errno

Explanation

A system or library call failed.

id

This identifies the location within the source code that recorded the error.

pri

This is the value passed as the first parameter to the syslog() function. See the description of the syslog() function in [z/OS C/C++ Runtime Library Reference](#) for more information.

failing call

This is the system or library call which failed. See the description of this system or library call in [z/OS C/C++ Runtime Library Reference](#) for more information.

errno

This is the hexadecimal UNIX System Services return code. These return codes are listed and described in the [Return codes \(errno\)](#) in [z/OS UNIX System Services Messages and Codes](#). If there is no *errno*, this field will display as **N/A**.

errnojr

This is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed. If there is no *errnojr*, this field will display as **N/A**.

h_errno

This error code is no longer applicable and will always display as **N/A**.

System action

Processing continues.

Operator response

None.

System programmer response

None.

EZYTU35I **Error messages will not be saved in /tmp/telnetd.stderr, reason *reason***

Explanation

Messages written to stderr in the otelnetd process are usually stored in /tmp/telnetd.stderr. These messages will be discarded for one of the following reasons:

- 1**
/tmp/telnetd.stderr could not be opened for append or created.
- 2**
A system or library call failed while processing /tmp/telnetd.stderr. See a prior EZYTU34I record for an explanation.
- 3**
/tmp/telnetd.stderr exists but is not a regular file. /tmp/telnetd.stderr must be a regular file. Other types of files, such as symbolic links, cannot be used because of possible security exposures.
- 4**
/tmp/telnetd.stderr was created again by another process while being opened and checked by this otelnetd process.

System action

Processing continues.

Operator response

None.

System programmer response

None.

EZYTU36I ***code userid local_IP local_port remote_IP remote_port client_hostname***

Explanation

This trace record is written to the syslogd facility **auth** when the **-D login** or **-D all** parameter is specified on the otelnetd command line. It provides a one-line summary of login and logout activity.

code describes which activity is being recorded:

- L**
The user successfully logged on to the system.
- O**
The user logged off.
- U**
The user provided a user ID which was incorrect.

P

The user provided a password which was incorrect.

C

The user did not successfully change the password.

userid is the user ID specified by the user when logging on.

local_IP is the destination IP address specified by the user when connecting to the telnet server.

local_port is the destination TCP port specified by the user when connecting to the telnet server.

remote_IP is the IP address of the host used by the client to connect to the telnet server.

remote_port is the TCP port assigned to the telnet client.

client_hostname is the DNS name of the host used by the client to connect to the telnet server, if that information is available. If not available, the *client_hostname* field in the trace record will contain a hyphen.

System action

Processing continues.

Operator response

None.

System programmer response

None.

EZTY01E	GETPTY: Out of ptys. <i>description</i> rsn = <i>errnojr</i>
----------------	---

Explanation

This message is written to the client as well as the syslog file. All of the /dev/ptypXXX are currently in use with other sessions or processes.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

User has to wait until some /dev/ptypXXX are freed up for use.

System programmer response

Check to determine if there are any ghosts or zombies hanging around that can be released.

Module

protocol.h

Procedure name

telnet()

EZYTY02I**GETPTY: open of /dev/ptyp**

Explanation

These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

protocol.h

Procedure name

telnet()

EZYTY03I**gotpty: ioctl TIOCSWINSIZ**

Explanation

These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

sys_term.h

Procedure name

gotpty()

EZYTY04E**GETPTY: open error on *line description* rsn = *errnojr***

Explanation

This message is written to the client as well as the syslog file. A problem occurred trying to open the corresponding /dev/ttypXXX file.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*.

- Access is denied.
- The process is busy.
- The open was interrupted by a signal.
- The system has reached the maximum number of file descriptors it can have open.
- Permission to open is denied for one of the following reasons.
 - The user who opened the primary tty is not the same user associated with the secondary tty.
 - Internal security error.
 - Different path name was specified for the secondary than earlier opens.

Module

sys_term.h

Procedure name

gotpty()

EZTY05I

GETPTY: secondaryfd = *secondaryfd*, primaryfd = *primaryfd*

Explanation

These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

sys_term.h

Procedure name

gotpty()

EZYTY06E

gotpty: __tcsetattr *description* rsn = *errnojr*

Explanation

This message is written to the client as well as the syslog file specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

sys_term.h

Procedure name

gotpty()

EZYTY07E

gotpty: __tcsetcp *description* rsn = *errnojr*

Explanation

This message is written to the client as well as the syslog file. Issued a tcsetcp to inform the tty of the code pages that we are using to translate ascii to EBCDIC and the reverse. The __tcsetcp failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

sys_term.h

Procedure name

gotpty()

EZTY08I *argv_fsum(argument_number) = argument_value*

Explanation

These are the parameters that are passed to the spawned process that creates the child. This message is issued once for each argument. A few of these variables are set by the server.

- argv_fsum(0) = argument name
- argv_fsum(4) = primary file descriptor
- argv_fsum(5) = secondary file descriptor
- argv_fsum(8) = Debug tracing variable
- argv_fsum(9) = Debug tracing variable
- argv_fsum(11) = terminal type

argument_number is the argument number. It will be in the range 0–16.

argument_value is the value assigned to that argument.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

login_tty()

EZTY09I *login_tty: spawnp fsumoclp child_pid*

Explanation

The pid number associated with the fork() for FSUMOCLO for cleanup.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

login_tty()

EZTY10E	login_tty: spawnp error <i>child_pid</i> <i>description</i> rsn = <i>errnojr</i>
----------------	---

Explanation

This message is written to the client as well as the syslog file. The pid number associated with the fork() for FSUMOCLO for cleanup.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [Reason codes](#) of the [z/OS UNIX System Services Messages and Codes](#), where the reason codes are listed.

System action

Processing ends.

Operator response

None.

System programmer response

None.

Module

telnetd.c

Procedure name

login_tty()

EZTY11I	GETPTY: stat of /dev/ptyp
----------------	----------------------------------

Explanation

This message is only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

sys_term.h

Procedure name

gotpty()

EZTY12I	ioctl primaryfd TIOCEXT
----------------	--------------------------------

Explanation

This message is only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

System action

Processing continues.

Operator response

None.

System programmer response

None.

Module

sys_term.h

Procedure name

tty_setlinemode()

EZTY13E	login_tty failed.
----------------	--------------------------

Explanation

This message is written to the client as well as the syslog file. The login_tty() routine was called which sets up and spawns the tty. Errors were found during the processing and a return code of -1 was sent back to the caller.

System action

Processing ends.

Operator response

None.

System programmer response

Check for further messages in the log to explain reason for the failure.

Module

sys_term.h

Procedure name

gotpty()

EZTY14E	tcgetattr() failed on primary tty
----------------	--

Explanation

A tcgetattr() was issued on the primary tty, which is in fact an ioctl(). It returned with an unexpected error.

System action

Processing ends.

Operator response

None.

System programmer response

Correct the error indicated by *description* and *errnojr*.

Module

sys_term.h

Procedure name

init_termbuf()

Chapter 13. EZYXxxxx messages

EZYXM01W

The arrow direction is not correct.

Explanation

XmNarrowDirection resource in XmArrowButton widget class. XmNarrowDirection resource in XmArrowButtonGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ArrowB.c, ArrowBG.c

EZYXM02W

Incorrect resize policy.

Explanation

XmNresizePolicy resource in XmBulletinBoard widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BulletinB.c

EZYXM03W

Incorrect dialog style.

Explanation

XmNdialogStyle resource in XmBulletinBoard widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BulletinB.c

EZYXM04W**Incorrect shadow type.**

Explanation

XmNshadowType resource in XmBulletinBoard widget class. XmNshadowType resource in XmDrawnButton widget class. XmNshadowType resource in XmFrame widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BulletinB.c

EZYXM05W**Null font list (no vendor shell default).**

Explanation

XmNbuttonFontList resource, XmNlabelFontList resource, or XmNtextFontList resource in XmBulletinBoard widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BulletinB.c

EZYXM06W	Dialog style must be XmDIALOG_MODELESS
-----------------	---

Explanation

The Initialize function or the SetValues function detected that the bulletin board dialog style was not set as XmDIALOG_MODELESS, when XmDIALOG_MODELESS is required.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library

Procedure name

BulletinB.c

EZYXM11W	XmCascadeButton must have correct type of XmRowColumnWidgetClass parent.
-----------------	---

Explanation

XmCascadeButton widget class. XmCascasdeButtonGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CascadeBG.c

EZYXM12W

Only XmMENU_PULLDOWN XmRowColumnWidgets can be submenus.

Explanation

XmCascadeButton widget class. XmCascadeButtonGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CascadeB.c, CascadeBG.c

EZYXM13W

MapDelay must be >= 0.

Explanation

XmNmappingDelay resource in XmCascadeButton widget class. XmNmappingDelay resource in XmCascadeButtonGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CascadeB.c, CascadeBG.c

EZYXM14W	XmCascadeButtonGadget must have XmRowColumnWidgetClass parent with XmNrowColumnType XmMENU_PULLDOWN, XmMENU_POPUP, XmMENU_BAR or XmMENU_OPTION.
-----------------	--

Explanation

XmCascadeButton widget class. XmCascadeButtonGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CascadeB.c

EZYXM15W	XtGrabPointer failed.
-----------------	------------------------------

Explanation

XGrabPointer function. XtGrabPointer function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CascadeB.c, MenuUtil.c, TrackLoc.c

EZYXM16W	XtGrabKeyboard failed.
-----------------	-------------------------------

Explanation

XGrabKeyboard function. XtGrabKeyboard function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MenuUtil.c, TextF.c, TextIn.c

EZYXM17W	Only XmRowColumn widgets of type XmMENU_PULLDOWN can be submenus.
-----------------	--

Explanation

The Initialize function or the SetValues function detected that a submenu in the processing Widget is not of type XmMENU_PULLDOWN. The submenu Widget is reset to NULL.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

CascadeB.c, CascadeBG.c

EZYXM21W

The dialog type must be XmDIALOG_COMMAND.

Explanation

XmCommand widget class. XmNdialogType resource in XmSelectionBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Command.c

EZYXM22W

Invalid child type. The Command widget does not have this child.

Explanation

XmCommandGetChild function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Command.c

EZYXM23W

Invalid XmString, check for invalid charset.

Explanation

XmCommandAppendValue function. XmCommandSetValue function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Command.c

EZYXM24W	NULL or empty string passed in to CommandAppendValue.
-----------------	--

Explanation

XmCommandAppendValue function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Command.c

EZYXM25W	XmNmustMatch is always False for a Command widget.
-----------------	---

Explanation

XmCommand widget class. XmNmustMatch resource in XmSelectionBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Command.c

EZYXM26W	XmNhistoryMaxItems must be a positive integer greater than zero.
-----------------	---

Explanation

The Initialize function or the SetValues function detected that the XmNhistoryMaxItems for the XmCommand Widget has a value less than zero. The XmNhistoryMaxItems is reset to the initialized value or 100.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

Command.c

EZYXM31W	Must call XmClipboardStartCopy() before XmClipboardCopy().
-----------------	---

Explanation

XmClipboardCopy function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CutPaste.c

EZYXM32W**Must call XmClipboardStartCopy() before XmClipboardEndCopy().**

Explanation

XmClipboardEndCopy function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CutPaste.c

EZYXM33W**Too many formats in XmClipboardCopy().**

Explanation

XmClipboardCopy function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CutPaste.c Do not translate rectObj

EZYXM35W**Incorrect data type.****Explanation**

The ClipboardFindItem function detected that the data type passed to the Clipboard does not match the data type of the Clipboard Pointer.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

CutPaste.c

EZYXM36W**ClipboardCorrupt****Explanation**

One of the following functions detected a clipboard error, and called the ClipboardError routine with key CLIPBOARD_CORRUPT:

- ClipboardFindFormat
- ClipboardDeleteFormat
- ClipboardDeleteFormats
- ClipboardDeleteItemLabel
- ClipboardIsMarkedForDelete
- ClipboardMarkItem
- ClipboardDataIsReady
- XmClipboardEndCopy
- XmClipboardCopyByName
- XmClipboardUndoCopy
- ClipboardRetrieve

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

CutPaste.c

EZYXM37W**Internal error - corrupt data structure.**

Explanation

An internal application error was detected. One of the following functions detected that either the ClipboardDataItem or ClipboardFormatItem did not contain the required data structure:

- ClipboardFindFormat
- ClipboardDeleteFormat
- ClipboardDeleteFormats
- ClipboardDeleteItemLabel
- ClipboardIsMarkedForDelete
- ClipboardMarkItem
- ClipboardDataIsReady
- XmClipboardEndCopy
- XmClipboardCopyByName
- XmClipboardUndoCopy
- ClipboardRetrieve

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

CutPaste.c

EZYXM38W**Registered format length must be 8, 16, or 32**

Explanation

XmClipboardRegisterFormat function detected that the format_length variable did not contain an allowed value.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CutPaste.c

EZYXM39W**Registered format name must not be NULL.**

Explanation

The XmClipboardRegisterFormat function detected that the format_name variable did not contain an allowed value.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

CutPaste.c

EZYXM41W**DialogShell widget only supports one rectObj child.**

Explanation

XmDialogShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DialogS.c

EZYXM42W **gadgets aren't allowed in shell.**

Explanation

XmDialogShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DialogS.c

EZYXM43W **DialogShell widget supports only one RectObj child**

Explanation

The InsertChild function detected that the GetRectObjKid function failed because the input child is a CoreClass object, instead of the required RectObj object.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DialogS.c

EZYXM51W**Margin width or height cannot be negative.**

Explanation

XmDrawingArea widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DrawingA.c

EZYXM52W**Incorrect resize policy.**

Explanation

XmNresizePolicy resource in XmDrawingArea widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DrawingA.c

EZYXM61W**Fraction base cannot be zero.****Explanation**

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM62W**Incorrect form attachment type.****Explanation**

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM63W**Cannot set constraints for non-resizable widget.****Explanation**

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM64W**Attachment widget must not be null.****Explanation**

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM65W**Circular dependency in Form children.****Explanation**

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM66W**Edge attached to a widget but no widget specified.****Explanation**

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM67W**Bailed out of edge synchronization after 10,000 iterations. Check for contradictory constraints on the children of this form.****Explanation**

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM68W**Attachment widget must be have same parent as widget.**

Explanation

XmForm widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Form.c

EZYXM72W**Only one child should be inserted in a frame.**

Explanation

XmFrame widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Frame.c

EZYXM73W**Invalid margin width.****Explanation**

XmFrame widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Frame.c

EZYXM74W**Invalid margin height.****Explanation**

XmFrame widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Frame.c

EZYXM81W**Invalid highlight thickness.****Explanation**

XmGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Gadget.c

EZYXM82W**The unit type is incorrect.****Explanation**

XmNunitType resource in XmGadget widget class. XmNunitType resource in XmManager widget class.
XmNunitType resource in XmPrimitive widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Gadget.c

EZYXM83W**Invalid shadow thickness.****Explanation**

XmGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Gadget.c

EZYXM84W**Cannot set pixmap resource to unspecified.**

Explanation

XmNtopShadowPixmap resource in XmPrimitive widget class. XmNbottomShadowPixmap resource in XmPrimitive widget class. XmNhighlightShadowPixmap resource in XmPrimitive widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Gadget.c

EZYXM85W**Cannot change XmNlayoutDirection after initialization.**

Explanation

The SetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to the initialized value.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Gadget.c

EZYXM91W	Invalid XmNlabelType.
-----------------	------------------------------

Explanation

XmNlabelType resource in XmLabel widget class. XmNlabelType resource in XmLabelGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Label.c

EZYXM92W	Invalid value in XmNalignment.
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Explanation

XmNalignment resource in XmLabel widget class. XmNalignment resource in XmLabelGadget widget class.
XmNstringDirection resource in XmManager widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Label.c

EZYXM93W	Invalid value in XmNstringDirection.
-----------------	---

Explanation

XmNstringDirection resource in XmLabel widget class. XmNstringDirection resource in XmLabelGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Label.c

EZYXM94W	Invalid XmNlabelString - must be a compound string.
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Explanation

XmNlabelString resource in XmLabel widget class. XmNlabelString resource in XmLabelGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Label.c

EZYXM95W**Invalid XmNacceleratorText - must be a compound string.****Explanation**

XmNacceleratorText resource in XmLabel widget class. XmNacceleratorText resource in XmLabelGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Label.c

EZYXN00W**List must have at least one visible item.****Explanation**

XmNvisibleItemCount resource in XmList widget class. When changed, XmNvisibleItemCount must be at least 1.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN01W**Invalid Selection Policy.****Explanation**

XmNselectionPolicy resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN02W**Invalid Size Policy.****Explanation**

XmNlistSizePolicy resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN03W**Invalid ScrollBar Display Policy.**

Explanation

XmNscrollbarDisplayPolicy resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN04W Invalid String Direction.**Explanation**

XmNstringDirection resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN05W Cannot change size policy after initialization.**Explanation**

XmNlistSizePolicy resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN06W**Must set item count to non-negative value.**

Explanation

XmNitemCount resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN07W**NULL font in SetValues ignored.**

Explanation

XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN08W**Invalid item(s) to delete.****Explanation**

XmNitemCount resource in XmList widget class. XmListDeleteItem function. XmListDeleteItems function. XmListDeletePos function. XmListDeleteItemsPos function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN09W**No Horizontal Scrollbar to set.****Explanation**

XmListSetHorizPos function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN10W**Invalid Margin setting.****Explanation**

XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN11W**Invalid Spacing Value.****Explanation**

XmNlistSpacing resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN12W**Cannot set items to NULL with non-zero item count.**

Explanation

XmNitemCount resource in XmList widget class. XmNitems resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN13W**Must set selected item count to non-negative value.****Explanation**

XmNselectedItemCount resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN14W**Cannot set selected items to NULL with non-zero item count.****Explanation**

XmNselectedItemCount resource in XmList widget class. XmNselectedItems resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN15W	Cannot set top position less than 1.
-----------------	---

Explanation

XmNtopItemPosition resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN16W	XmNitems and XmNitemCount mismatch!
-----------------	--

Explanation

XmNitemCount resource in XmList widget class. XmNitems resource in XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN17W**Cannot leave add mode in multiple selection.****Explanation**

XmList widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN18W**XmNselectedPositionCount must not be negative.****Explanation**

The SetValues function detected that the XmNselectedPositionCount was either negative or zero, when a positive value was required.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

List.c

EZYXN19W

**Cannot set XmNselectedPosition to NULL when
XmNSelectedPositionCount is positive.**

Explanation

The SetValues function detected an error with the XmNselectedPosition and XmNSelectedPositionCount. The selected position is set to NULL, but the position count contains a positive value.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

List.c

EZYXN21W

The Menu Bar cannot be changed to NULL.

Explanation

XmNmenuBar resource in XmMainWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MainW.c

EZYXN22W

The Command Window cannot be changed to NULL.

Explanation

XmNcommandWindow resource in XmMainWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MainW.c

EZYXN23W

Negative margin value ignored.

Explanation

XmMainWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MainW.c

EZYXN31W

MenuShell widgets must have a xmRowColumnWidgetClass child.

Explanation

XmMenuShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN32W**Attempting to manage an incomplete menu.**

Explanation

XmMenuShell widget class. XmCreatePopupMenu function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN33W**XmPopup requires a subclass of shellWidgetClass.**

Explanation

The _XmPopupI function detected an error in XtIsShell. The passed Widget was of an incorrect class.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN34W**XmPopdown requires a subclass of shellWidgetClass.****Explanation**

The _XmPopdown function detected an error in XtIsShell. The passed Widget was of an incorrect class.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN35W**XtMenuPopup requires exactly one argument.****Explanation**

The _XtMenuPopupAction function detected that the argument count was not one.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN36W**XtMenuPopup only supports ButtonPress, KeyPress or EnterNotify events.****Explanation**

The _XmMenuPopupAction function detected that the XEvent did not match the allowed values of ButtonPress, KeyPress or EnterNotify. The modal grab will be Nonexclusive.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN37W**Cannot find popup widget *string* in XtMenuPopup.****Explanation**

The _XmMenuPopupAction function detected a failure in the _XmFindPopup routine. The specified popup was not found.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN38W**Cannot find popup widget *string* in XtMenuPopdown.**

Explanation

The `_XmMenuPopdownAction` function detected a failure in the `_XmFindPopup` routine. The specified popup was not found.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN39W**XtMenuPopdown called with more than one argument.**

Explanation

The `_XmMenuPopdownAction` function detected that the number of arguments was more than one.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN40W**Cannot change XmNlayoutDirection after initialization.**

Explanation

The `SetValues` function detected that the `XmNlayoutDirection` value was changed after initialization. The `XmNlayoutDirection` value is reset to the initialized value.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

MenuShell.c

EZYXN41W Invalid Dialog Type.**Explanation**

XmNdialogType resource in XmMessageBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MessageB.c

EZYXN42W Invalid Default Button Type.**Explanation**

XmNdefaultButtonType resource in XmMessageBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MessageB.c

EZYXN43W	Invalid Alignment Type.
-----------------	--------------------------------

Explanation

XmNmessageAlignment resource in XmMessageBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MessageB.c

EZYXN44W	Invalid Child Type.
-----------------	----------------------------

Explanation

XmMessageBoxGetChild function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MessageB.c

EZYXN45W**PushButton Id cannot be changed directly.****Explanation**

XmMessageBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MessageB.c

EZYXN46W**Use XmNdefaultButtonType to set MessageBox default button.****Explanation**

XmMessageBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

MessageB.c

EZYXN54W**Invalid minimum value, must be greater than zero.**

Explanation

XmNpaneMinimum resource in XmPanedWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PanedW.c

EZYXN55W

Invalid maximum value, must be greater than zero.

Explanation

XmNpaneMaximum resource in XmPanedWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PanedW.c

EZYXN56W

Invalid minimum/maximum value, minimum value must be smaller than the maximum value.

Explanation

XmNpaneMinimum resource in XmPanedWindow widget class. XmNpaneMaximum resource in XmPanedWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PanedW.c

EZYXN57W**Constraints do not allow appropriate sizing.****Explanation**

XmPanedWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PanedW.c

EZYXN58W**Too few parameters.****Explanation**

XmPanedWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PanedW.c

EZYXN59W	Invalid 1st parameter.
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Explanation

XmPanedWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PanedW.c

EZYXN61W	fontList is not defined.
-----------------	---------------------------------

Explanation

XmPanedWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PanedW.c

EZYXN71W**Must be a vendor shell.****Explanation**

XmAddProtocols function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Protocols.c

EZYXN72W**Protocol manager already exists.****Explanation**

XmAddProtocols function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Protocols.c

EZYXN73W**More protocols than I can handle.**

Explanation

XmAddProtocols function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Protocols.c

EZYXN81W **Not enough memory.****Explanation**

There was not enough memory to perform the function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PushB.c

EZYX001W **Attempt to set width to zero. Set to default value 16.****Explanation**

XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX002W	Attempt to set width to zero. The value is ignored.
-----------------	--

Explanation

XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX003W	Attempt to set height to zero. Set to default value 16.
-----------------	--

Explanation

XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX004W**Attempt to set height to zero. The value is ignored.****Explanation**

XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX005W**XmNhelpWidget not used by PopUps. It is set to NULL.****Explanation**

XmNmenuHelpWidget resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX006W**XmNhelpWidget not used by Pulldowns. It is set to NULL.****Explanation**

XmNmenuHelpWidget resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX007W**XmNhelpWidget not used by Option menus. It is set to NULL.****Explanation**

XmNmenuHelpWidget resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX008W**XmNhelpWidget not used by Work Areas. It is set to NULL.****Explanation**

XmNmenuHelpWidget resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX009W	Unknown value of XmRowColumnType. It is set to WorkArea.
-----------------	---

Explanation

XmRowColumnType resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX010W	Widget hierarchy not appropriate for this XmRowColumnType. It is set to WorkArea.
-----------------	--

Explanation

XmCreatePulldownMenu function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX011W	Attempt to change XmNrowColumnType after initialization. The value is ignored.
-----------------	---

Explanation

XmNrowColumnType resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX012W	Unknown value of XmNorientation. The default value is used.
-----------------	--

Explanation

XmNorientation resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX013W	Attempt to set XmNorIENTATION to unknown value. The value is ignored.
-----------------	--

Explanation

XmNorIENTATION resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX014W	Unknown value of XmNPacking. The default value is used.
-----------------	--

Explanation

XmNPacking resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX015W**Attempt to set XmNpacking to unknown value. The value is ignored.****Explanation**

XmNpacking resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX016W**Unknown value of XmNentryAlignment. The default value is used.****Explanation**

XmNentryAlignment resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX017W**Attempt to set XmNentryAlignment to unknown value. The value is ignored.**

Explanation

XmNentryAlignment resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX018W	Attempt to set XmNisHomogenous to FALSE for a RowColumn widget of type XmMENU_BAR. The value is ignored.
-----------------	---

Explanation

XmNisHomogeneous resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX019W	Attempt to change XmNentryClass for a RowColumn widget of type XmMENU_BAR. The value is ignored.
-----------------	---

Explanation

XmNentryClass resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX020W	Attempt to change XmNwhichButton via XtSetValues for a RowColumn widget of type XmMENU_PULLDOWN. The value is ignored.
-----------------	---

Explanation

XmNwhichButton resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX021W	Attempt to change XmNmenuPost via XtSetValues for a RowColumn widget of type XmMENU_PULLDOWN. The value is ignored.
-----------------	--

Explanation

XmNmenuPost resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX022W	Attempt to set XmNpostMenu to an illegal value. The value is ignored.
-----------------	--

Explanation

XmNmenuPost resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX023W	Attempt to change XmNshadowThickness for a RowColumn widget not of type XmMENU_PULLDOWN or XmMENU_POPUP. The value is ignored.
-----------------	---

Explanation

XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX024W	Attempt to change XmNorIENTATION for a RowColumn widget of type XmMENU_OPTION. The value is ignored.
-----------------	---

Explanation

XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX025W	Attempt to add wrong type child to a menu (i.e. RowColumn) widget
-----------------	--

Explanation

XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX026W

Attempt to add wrong type child to a homogeneous RowColumn widget.

Explanation

XmNisHomogeneous resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX027W

Attempt to change XmNisHomogeneous for a RowColumn widget of type XmMENU_OPTION ignored.

Explanation

XmNisHomogeneous resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX028W

Tear off enabled on a shared menupane is allowed but not recommended.

Explanation

Tear-off Menus in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX029W

Illegal mnemonic character. Could not convert X KEYSYM to a keycode.

Explanation

XmMnemonic resource in XmRowColumn widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RowColumn.c

EZYX031W

The scale minimum value is greater than or equal to the scale maximum value.

Explanation

XmNminimum resource in XmScale widget class. XmNmaximum resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX032W **The specified scale value is less than the minimum scale value.****Explanation**

XmNvalue resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX033W **The specified scale value is greater than the maximum scale value.****Explanation**

XmNvalue resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX034W	Incorrect orientation.
-----------------	-------------------------------

Explanation

XmNorientation resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX035W	Incorrect processing direction.
-----------------	--

Explanation

XmNprocessingDirection resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX036W**Invalid highlight thickness.****Explanation**

XmNhighlightThickness resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX037W**Invalid scaleMultiple; greater than (max - min).****Explanation**

XmNscaleMultiple resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX038W**Invalid scaleMultiple; less than zero.****Explanation**

XmNscaleMultiple resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX039W**(Maximum - minimum) cannot be greater than INT_MAX divided by 2. Minimum has been set to zero. Maximum may have been set to (INT_MAX/2).****Explanation**

XmNmaximum resource in XmScale widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Scale.c

EZYX041W**The scrollbar minimum value is greater than or equal to the scrollbar maximum value.**

Explanation

XmNminimum resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX042W**The specified slider size is less than 1.****Explanation**

XmNincrement resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX043W**The specified scrollbar value is less than the minimum scrollbar value.****Explanation**

XmNvalue resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX044W

The specified scrollbar value is greater than the maximum scrollbar value minus the scrollbar slider size.

Explanation

XmNvalue resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX045W

Incorrect orientation.

Explanation

XmNoorientation resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX046W	Incorrect processing direction.
-----------------	--

Explanation

XmNprocessingDirection resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX047W	The scrollbar increment is less than 1.
-----------------	--

Explanation

XmNincrement resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX048W**The scrollbar page increment is less than 1.****Explanation**

XmNpageIncrement resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX049W**The scrollbar initial delay is less than 1.****Explanation**

XmNinitialDelay resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX050W**The scrollbar repeat delay is less than 1.**

Explanation

XmNrepeatDelay resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX051W

Error in context manager; scrollbar backgrounds cannot be set correctly

Explanation

XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX052W

Error in context manager; scrollbar foregrounds cannot be set correctly.

Explanation

XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX053W	Specified slider size is greater than the scrollbar maximum value minus the scrollbar minimum value.
-----------------	---

Explanation

XmNsliderSize resource in XmScrollBar widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollBar.c

EZYX061W	Invalid ScrollBar Display policy.
-----------------	--

Explanation

XmNscrollBarDisplayPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX062W	Invalid Scrolling Policy.
-----------------	----------------------------------

Explanation

XmNscrollingPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX063W	Invalid Visual Policy.
-----------------	-------------------------------

Explanation

XmNvisualPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX064W**Invalid placement policy.****Explanation**

XmNscrollBarPlacement resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX066W**Cannot change scrolling policy after initialization.****Explanation**

XmNscrollingPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX067W**Cannot change visual policy after initialization.****Explanation**

XmNvisualPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX068W**Cannot set AS_NEEDED scrollbar policy with a visual policy of VARIABLE.****Explanation**

XmNvisualPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX069W**Cannot change scrollbar widget in AUTOMATIC mode.****Explanation**

XmNscrollingPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX070W	Cannot change clip window.
-----------------	-----------------------------------

Explanation

XmNclipWindow resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX071W	Cannot set visual policy of CONSTANT in APPLICATION_DEFINED mode.
-----------------	--

Explanation

XmNvisualPolicy resource in XmScrolledWindow widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX072W**Wrong parameters passed to the function.****Explanation**

XmScrollVisible function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrolledW.c

EZYX081W**Incorrect dialog type.****Explanation**

XmNdialogType resource in XmSelectionBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SelectioB.c

EZYX082W**Dialog type cannot be modified.****Explanation**

XmNdialogType resource in XmSelectionBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SelectioB.c

EZYX083W**Only one work area child allowed.****Explanation**

XmSelectionBox widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SelectioB.c

EZYX084W**Invalid child type.****Explanation**

XmSelectionBoxGetChild function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SelectioB.c

EZYX091W**Invalid separator type.****Explanation**

XmNseparatorType resource in XmSeparator widget class. XmNseparatorType resource in XmSeparatorGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Separator.c

EZYX092W**Invalid orientation.****Explanation**

XmNorientation resource in XmSeparator widget class. XmNorientation resource in XmSeparatorGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Separator.c

EZYXP01W	Invalid source, source ignored.
-----------------	--

Explanation

XmNsource resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Text.c

EZYXP02W	Invalid edit mode.
-----------------	---------------------------

Explanation

XmNeditMode resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Text.c

EZYXP03W	Text widget is editable; traversalOn must be true.
-----------------	---

Explanation

XmNeditable resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Text.c

EZYXP04W	Can't find position in MovePreviousLine().
-----------------	---

Explanation

XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextIn.c

EZYXP05W**Invalid rows, must be > 0.****Explanation**

XmNrows resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextOut.c

EZYXP06W**XmFontListInitFontContext failed.****Explanation**

XmNfontList resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c, TextOut.c

EZYXP07W**XmFontListGetNextFont failed.**

Explanation

XmNfontList resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c, TextOut.c

EZYXP08W

Character *char* is not supported in font. It is discarded.

Explanation

XmNfontList resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c

EZYXP09W

String *string* is not supported in font. It is discarded.

Explanation

XmNfontList resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c

EZYXP10W	Cannot use a multibyte locale without a fontset. The value is discarded.
-----------------	---

Explanation

XmNfontList resource in XmText widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c

EZYXP11W	Invalid cursor position, must be ≥ 0.
-----------------	--

Explanation

XmNcursorPosition resource in XmTextField widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c

EZYXP12W**Invalid columns, must be > 0.****Explanation**

XmNcolumns resource in XmText widget class. XmNcolumns resource in XmTextField widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c, TextOut.c

EZYXP13W**XmNtraversalOn must always be true.****Explanation**

XmTextField widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c

EZYXP14W**Invalid columns, must be ≥ 0 .****Explanation**

XmNcolumns resource in XmTextField widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

TextF.c

EZYXP21W**Indicator type should be either XmONE_OF_MANY or XmN_OF_MANY.****Explanation**

XmNindicatorType resource in XmToggleButton widget class. XmNindicatorType resource in XmToggleButtonGadget widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ToggleB.c

EZYXP31W**Invalid value for navigation_type.****Explanation**

XmNnavigationType resource in XmManager widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Traversal.c

EZYXP32W**Wrong value in old for navigation_type!!****Explanation**

XmNnavigationType resource in XmManager widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Traversal.c

EZYXP33W**Traversal bootstrap situation with bad parameters.****Explanation**

XmManager widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Traversal.c

EZYXP34W**Attempt to traverse to new tab using bad parameters.**

Explanation

XmManager widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Traversal.c

EZYXP35W**startWidget is not in child list.**

Explanation

XmManager widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Traversal.c

EZYXP36W**Bad parameters to TraverseToChild.****Explanation**

XmManager widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Traversal.c

EZYXP41W**Invalid value for delete response.****Explanation**

XmNdeleteResponse resource in VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VendorS.c

EZYXP42W**Invalid XmNpreeditType, default to OverTheSpot.**

Explanation

XmNpreeditType resource in VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VendorS.c

EZYXP43W**Invalid value for XmNinputPolicy.**

Explanation

The VendorExtSetValues function detected an incorrect value for the XmVendorShellExtPartPtr input policy. The policy is required to be either XmPER_SHELL or XmPER_WIDGET.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

VendorS.c

EZYXP44W**XmNlayoutDirection cannot be changed.**

Explanation

The VendorExtSetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to the initialized value.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

VendorS.c

EZYXP45W**FetchUnitType: bad widget class.****Explanation**

VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VendorSE.c

EZYXP46W**String to no-op conversion needs no extra arguments.****Explanation**

VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VendorSE.c

EZYXP47W	FetchUnitType called without a widget to reference.
-----------------	--

Explanation

VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VendorSE.c

EZYXP48E	Fatal Error: _XmGetDefaultDisplay cannot be used prior to VendorS.Initialize, returns NULL.
-----------------	--

Explanation

_XmDisplayHandle was not set before the _XmGetDefaultDisplay function was called. A NULL value is returned.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

VendorS.c

EZYXP51W**Virtual bindings Initialize hasn't been called.****Explanation**

XmVirtKeys widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VirtKeys.c

EZYXP61W**Invalid color requested from _XmAccessColorData.****Explanation**

XmGetColors function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Visual.c

EZYXP62W**Cannot allocate colormap entry for background, setting background to white.****Explanation**

XmNbackground resource in Core widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Visual.c

EZYXP63W**Cannot parse given background color, setting background to white.****Explanation**

XmNbackground resource in Core widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Visual.c

EZYXP71W**The specified Input Method failed to init : string.****Explanation**

XmNinputMethod resource in VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmIm.c

EZYXP72W**Cannot create the Input Method Object.****Explanation**

XmNinputMethod resource in VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmIm.c

EZYXP73W**XmIMFocus invoked with NULL widget.****Explanation**

XmNinputMethod resource in VendorShell widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmIm.c

EZYXP74W	XmIMMove invoked without the Input Method focus.
-----------------	---

Explanation

XmImGetXIM function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmIm.c

EZYXP81W	No context found for extension.
-----------------	--

Explanation

When trying to map the extension to a context, no context was found.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BaseClass.c

EZYXP82W **_XmPopWidgetExtData: no extension found with XFindContext.****Explanation**

This is a debug message.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BaseClass.c

EZYXP83W **XmFreeWidgetExtData is an unsupported routine.****Explanation**

This routine is no longer a supported interface.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BaseClass.c

EZYXP84W **getLabelSecResData: not enough memory.**

Explanation

There was not enough memory to perform the requested function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

BaseClass.c

EZYXP91W

Creating multiple XmDisplays for the same X display. Only the first XmDisplay created for a particular X display can be referenced by calls to XmGetXmDisplay.

Explanation

XmDisplay widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Display.c

EZYXP92W

Received TOP_LEVEL_LEAVE with no active DragContext.

Explanation

Function requested TOP_LEVEL_LEAVE but there was no DragContext found.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Display.c

EZYXP93W**Cannot set XmDisplay class to a non-subclass of XmDisplay.****Explanation**

XmDisplayClass widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Display.c

EZYXQ01W**The _MOTIF_DRAG_WINDOW has been destroyed.****Explanation**

The window is no longer a valid context.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragBS.c

EZYXQ02W**The protocol version levels do not match.**

Explanation

The level of the Motif server and client code drag protocol is not the same.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragBS.c, DragICC.c

EZYXQ03W**Unable to open display.**

Explanation

XmInternAtom function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragBS.c

EZYXQ04W**The atoms table is empty.****Explanation**

WriteAtomsTable function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragBS.c

EZYXQ05W**The target table is empty.****Explanation**

WriteTargetsTable function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragBS.c

EZYXQ06W**The target table has an inconsistent property.**

Explanation

ReadTargetsTable function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragBS.c

EZYXQ07W	Invalid target table index.
-----------------	------------------------------------

Explanation

ReadTargetsTable function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragBS.c

EZYXQ11W	GenerateCallback does not expect XmCR_DROP_SITE_ENTR as a reason.
-----------------	--

Explanation

GenerateClientCallback function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragC.c

EZYXQ12W**Invalid selection in DropConvertCallback.****Explanation**

DropConvertCallback function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragC.c

EZYXQ13W**The drop selection was lost.****Explanation**

DropLoseSelection function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragC.c

EZYXQ14W	XGrabPointer failed.
-----------------	-----------------------------

Explanation

Call to lower level function, XGrabPointer, was unsuccessful.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragC.c

EZYXQ15W	ExternalNotifyHandler: the callback reason is not acceptable.
-----------------	--

Explanation

XmDragStart function. The drag message did not contain a defined reason code.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragC.c

EZYXQ16W

XmDragStart must be called as a result of a button press.

Explanation

XmDragStart function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragC.c

EZYXQ21W

Unknown drag and drop message type.

Explanation

Message type received was not expected in this context.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragICC.c

EZYXQ22W

The protocol version levels do not match.

Explanation

The `_XmGetDragReceiverInfo` function detected that the `xmDragReceiverInfoStruct` protocol version did not match the `_MOTIF_DRAG_PROTOCOL_VERSION`.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

DragICC.c

EZYXQ31W**No geometry specified for dragIcon pixmap.**

Explanation

XmDragIcon widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragIcon.c

EZYXQ32W**dragIcon created with no pixmap.**

Explanation

XmNpixmap resource in XmDragIcon widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragIcon.c

EZYXQ33W**String to Bitmap converter needs Screen argument.****Explanation**

XmCvtStringToBitmap function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragIcon.c

EZYXQ41W**Depth mismatch.****Explanation**

XmNblendModel resource in XmDragContext widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragOverS.c

EZYXQ42W	Unknown icon attachment.
-----------------	---------------------------------

Explanation

XmNattachment resource in XmDragIcon widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragOverS.c

EZYXQ43W	Unknown drag state.
-----------------	----------------------------

Explanation

GetDragIconColors function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragOverS.c

EZYXQ44W**Unknown blendModel.****Explanation**

XmNblendModel resource in XmDragContext widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragOverS.c

EZYXQ51W**Unable to get dropSite window geometry.****Explanation**

CreateAnimationSaveData function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragUnder.c

EZYXQ52W**Invalid animationPixmapDepth.**

Explanation

XmNanimationPixmapDepth resource in XmDropSite registry.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DragUnder.c

EZYXQ61W	Cannot create drop sites which are children of a simple drop site.
-----------------	---

Explanation

XmNdropSiteType resource in XmDropSite registry.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ62W	Receiving Motion Events without an active drag context.
-----------------	--

Explanation

XmDragContext widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ63W	Receiving operation changed without an active drag context.
-----------------	--

Explanation

XmDragContext widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ64W	Creating an active drop site with no drop procedure.
-----------------	---

Explanation

XmDropSiteRegister function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ65W

Cannot set rectangles or rectangle numbers of composite drop sites.

Explanation

XmNdropRectangles resource in XmDropSite registry.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ66W

Registering a widget as a drop site out of sequence. Ancestors must be registered before any of their descendants are registered.

Explanation

XmDropSiteRegister function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ67W

Cannot register widget as a drop site more than once.

Explanation

XmDropSiteRegister function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ68W

DropSite type may only be set at creation time.

Explanation

XmNdropSiteType resource in XmDropSite registry.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ69W

Cannot change rectangles of non-simple dropsite.

Explanation

XmNdropRectangles resource in XmDropSite registry.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgr.c

EZYXQ70W

Cannot register a drop site which is a descendent of a simple drop site.

Explanation

XmDropSiteRegister function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgrI.c

EZYXQ71W

Cannot create a discontinuous child list for a composite drop site.

Explanation

XmDropSiteRegister function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgrI.c

EZYXQ72W	<i>string</i> is not a drop site child of <i>string</i>.
-----------------	---

Explanation

XmDropSiteRegister function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

DropSMgrI.c

EZYXQ73W	Cannot register a Shell as a drop site.
-----------------	--

Explanation

The XmDropSiteRegister function detected an error while attempting to register a drop site. The Widget to be registered is defined as a Shell.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

DropSMgrI.c

EZYXQ81W**Failure of geometry request to "almost" reply.**

Explanation

The Intrinsics protocol guarantees a "Yes" response to a request with identical geometry to that which was returned by a previous request returning "almost".

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

GeoUtils.c

EZYXQ82W**Invalid order found in XmSelectionBox.**

Explanation

XmSelectionBox geometry.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

GeoUtils.c

EZYXQ91W**Memory error.****Explanation**

An attempt to allocate memory failed.

System action

The application continues.

Operator response

None.

System programmer response

Increase the region size in which the program executes.

Module

Xm.a library.

Procedure name

Region.c

EZYXR01W**Illegal representation type id.****Explanation**

XmRepTypeValidValue function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RepType.c

EZYXR02W**Illegal value *number* for rep type XmRxxx.****Explanation**

XmRepTypeValidValue function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

RepType.c

EZYXR03W**Reverse Conversion of****Explanation**

This is a header message for XmRepTypeEntry conversions in the ReverseConvertRepType function, and will be output for most conversions.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

RepType.c

EZYXR11W**FetchUnitType: bad widget class.****Explanation**

FetchUnitType function. Widget is not gadget, manager, or primitive.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ResConvert.c

EZYXR12W	Cannot continue because of errors in a default font list.
----------	---

Explanation

GetNextFontListEntry function failed.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ResConvert.c

EZYXR13W	Missing colon in font string <i>string</i> ; any remaining fonts in list unparsed.
----------	--

Explanation

The GetNextFontListEntry function detected that a font set in the font list was missing the colon delimiter. Any fonts remaining on the list are not parsed.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResConvert.c

EZYXR14W	Invalid delimiter in tag <i>string</i>; any remaining fonts in list unparsed.
-----------------	--

Explanation

The GetNextFontListEntry function detected that the delimiter between two font list items is not valid. Any fonts remaining in the list are not parsed.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResConvert.c

EZYXR15W	Unmatched quotation marks in tag <i>string</i>; any remaining fonts in list unparsed.
-----------------	--

Explanation

The GetFontName function detected that the font list started with a quotation mark ("), but did not end with a quotation mark ("). Remaining fonts in the list are not parsed.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResConvert.c

EZYXR16W	Null tag found when converting to type <i>string</i>; any remaining fonts in list unparsed.
-----------------	--

Explanation

The GetFontTag function found a NULL tag when expecting a real value. Remaining fonts in the list are not parsed.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResConvert.c

EZYXR17W	Cannot convert XmString to Compound Text.
-----------------	--

Explanation

The XmCvtXmStringToCT function detected an error in the cvtXmStringToText function. The XmString could not be converted directly to a Compound String.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResEncod.c

EZYXR18W**Insufficient memory for XmbTextListToTextProperty.**

Explanation

The processCharsetAndText function detected that the XNoMemory flag was turned on during XmbTextListToTextProperty processing.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResEncod.c

EZYXR19W**Locale not supported for XmbTextListToTextProperty.**

Explanation

The processCharsetAndText function detected that the XLocaleNotSupported flag was turned on during XmbTextListToTextProperty processing.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResEncod.c

EZYXR20W**XmbTextListToTextProperty failed.****Explanation**

The processCharsetAndText function detected a failure in the XmbTextListToTextProperty function.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResEncod.c

EZYXR21W**Icon screen mismatch.****Explanation**

XmScreen widget class.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Screen.c

EZYXR22W**Cannot get XmScreen because XmDisplay was not found.**

Explanation

XmGetXmScreen function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Screen.c

EZYXR41W**Could not allocate memory for color object data.****Explanation**

An attempt to allocate memory failed.

System action

The application continues.

Operator response

None.

System programmer response

Increase the region size in which the program executes.

Module

Xm.a library.

Procedure name

ColorObj.c

EZYXR42W**Bad screen number from color server selection.****Explanation**

GetSelection function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ColorObj.c CDE Icon Gadget messages

EZYXR51W	Cannot convert widget name to Widget.
-----------------	--

Explanation

The StringToEntity function detected that an incorrect number of parameters was used.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResConvert.c

EZYXR52W	Cannot convert compound text to XmString.
-----------------	--

Explanation

The XmCvtTextToXmString function detected an error while converting a compound text string to an XmString.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResEncod.c

EZYXR53W**Cannot convert XmString to compound text.****Explanation**

The XmCvtXmStringToText function detected an error while converting the XmString to an ASCII string.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ResEncod.c

EZYXR61W**Applications cannot add children to XmComboBox widgets.****Explanation**

The InsertChild function detected that the application attempted to add another child after the ComboBox had already made its children.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR62W**XmNcomboBoxType resource cannot be changed by XtSetValues.****Explanation**

The SetValues function detected that the ComboBox type was illegally changed after creation. The ComboBox type is reset to the original value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR63W**Internal widget has been destroyed. Behavior is undefined.****Explanation**

The ListSelectionCB function or the DoLayout function detected that the Widget passed into the function is missing or not valid.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR64W**Internal widget has been unmanaged. Behavior is undefined.**

Explanation

The DoLayout function detected that either the List or EditBox XmComboBoxWidget is unmanaged.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR65W

**XmQUICK_NAVIGATE is only valid for ComboBoxes of
XmNcomboBoxType XmDROP_DOWN_LIST.**

Explanation

The Initialize function or the SetValues function detected that XmQUICK_NAVIGATE was not valid with XmNcomboBoxType XmDROP_DOWN_LIST. The XmNmatchBehavior is reset to its previous state.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR66W

Action invoked with the wrong number of parameters.

Explanation

The CBListAction function detected that an incorrect number of parameters was used. The required number of parameters is one.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR67W

**Action routine called from a widget that is not a descendant of
ComboBox.**

Explanation

The FindComboBox call failed in one of the following functions because the passed Widget did not contain a ComboBox:

- CBArmAndDropDownList
- CBDisarm
- CBDropDownList
- CBFocusIn
- CBFocusOut
- CBTextFocusOut
- CBActivate, CBCancel
- CBListAction

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error. error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR68W**XmComboBoxSelectItem called with an item not present in the ComboBox.****Explanation**

The XmComboBoxSelectItem function detected that the selected item is not present in the ComboBox.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR69W**XmComboBoxSetItem called with an item present in the ComboBox.****Explanation**

The XmComboBoxSetItem function detected a failure in the XmListItemPos function due to an incorrect XmString value being passed into either XmComboBoxSetItem or XmListItemPos.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR70W**XmComboBoxDeletePos called with an invalid position.****Explanation**

The XmComboBoxDeletePos function detected one of the following:

- The position to be deleted had a value lower than zero.
- The position to be deleted was greater than the number of items in the list.
- The number of list items was zero.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR71W	XmComboBox utility routine called with an invalid widget.
-----------------	--

Explanation

One of the following functions detected that passed Widget is not a ComboBox:

- XmComboBoxAddItem
- XmComboBoxDeletePos
- XmComboBoxSelectItem
- XmComboBoxSetItem
- XmComboBoxUpdate

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR72W	Applications may not set the automatic XmComboBox widget children.
-----------------	---

Explanation

The Initialize function or the SetValues function detected that a change in either the list child or the editbox child occurred. The children are reset to NULL.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ComboBox.c

EZYXR81W**Action invoked with the wrong number of parameters.**

Explanation

One of the following functions was invoked with the wrong number of parameters:

- ContainerHandleBtn1Down
- ContainerHandleBtn1Motion
- ContainerHandleBtn1Up
- ContainerHandleBtn2Down
- ContainerHandleBtn2Motion

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Container.c

EZYXR82W	XmNdetailColumnHeading and XmNdetailColumnHeadingCount do not match!
-----------------	---

Explanation

The Initialize function detected that the XmNdetailColumnHeading and XmNdetailColumnHeadingCount do not match.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Container.c

EZYXR91W	Widget class <i>string</i> has invalid CompositeClassExtension record.
-----------------	---

Explanation

The FindCompClassExtension function detected that the current Widget has incorrect version and record_size values in the CompositeClassExtension record.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Manager.c

EZYXR92W	Cannot change XmNlayoutDirection or XmNstringDirection after initialization.
-----------------	---

Explanation

The SetValues function detected that either the XmNlayoutDirection or XmNstringDirection was changed after initialization. The incorrect value is reset to its initialized value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Manager.c

EZYXS01W**XmNnotebookChildType resource cannot be set by XtSetValues.**

Explanation

The ConstraintSetValues function detected that the XmNnotebookChildType does not match the initialized value. The XmNnotebookChildType is reset to its original value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Notebook.c

EZYXS11W**Wrong number of parameters for CvtStringToIconPixmap.**

Explanation

The CvtStringToIconPixmap function detected that an incorrect number of parameters was used.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

PixConv.c

EZYXS21W **Cannot change XmNlayoutDirection after initialization.****Explanation**

The SetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to its initialized value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Primitive.c

EZYXS31W **AssocNavigator requires a navigator trait.****Explanation**

The _XmSFAddNavigator function detected that the XmNavigatorTrait value was set to NULL.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollFrameT.c

EZYXS32W**DeAssocNavigator requires a navigator trait.**

Explanation

The _XmSFRemoveNavigator function detected that the XmNavigatorTrait value was set to NULL.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

ScrollFrameT.c

EZYXS41W**No items supplied for XmSTRING child.**

Explanation

The ConstraintInitialize function or the ConstraintSetValues function detected that there were no items placed in the XmStringTable, but there were items passed to the function.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SpinB.c

EZYXS42W	XmNincrementValue cannot be 0. A value of 1 will be used.
-----------------	--

Explanation

The ConstraintInitialize function or the ConstraintSetValues function detected an incorrect XmNincrementValue. XmNincrementValue is reset to one.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SpinB.c

EZYXS43W	Spin direction specified by XmNincrementValue has been reversed to match the specified XmNminimumValue and XmNmaximumValue.
-----------------	--

Explanation

The ConstraintInitialize function or the ConstraintSetValues function detected that the Spin direction was incorrect. The spin direction was reversed.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SpinB.c

EZYXS44W**XmNposition out of range. Minimum XmNposition used.**

Explanation

The ValidatePositionValue function detected that XmNposition was lower than the minimum allowed value. XmNposition is reset to the minimum value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SpinB.c

EZYXS45W**XmNposition out of range. Maximum XmNposition used.**

Explanation

The ValidatePositionValue function detected that XmNposition was greater than the maximum allowed value. XmNposition is reset to the maximum value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SpinB.c

EZYXS46W**Invalid value for XmNpositionType. Using default value.****Explanation**

The ConstraintInitialize or the ConstraintSetValues function detected that the XmNpositionType value is incorrect.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SpinB.c

EZYXS51W**Calling SelectionCallbackWrapper when transfers should be finished****Explanation**

The SelectionCallbackWrapper function was called when all outstanding transfers had completed.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Transfer.c

EZYXS52W**The format and type of the callback supplied data does not match the data being merged.**

Explanation

The XmConvertMerge function detected that the format and type of the callback supplied data does not match the format and type of the data to be merged.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Transfer.c

EZYXS53W

**The status in the XmConvertCallbackStruct is not
XmCONVERT_MERGE.**

Explanation

The XmConvertMerge function detected that the XmCONVERT_MERGE was not set, but it is required.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Transfer.c

EZYXS54W

XmCONVERT_MORE is not supported.

Explanation

The _XmConvertHandler function detected that XmCONVERT_MORE is being used, which is not supported by this release of the Motif specification. The flag is changed to XmCONVERT_DEFAULT.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Transfer.c

EZYXS55W **Bad atom value found.****Explanation**

The GetSafeAtomName function detected that XGetAtomName returned with either NULL or an incorrect atom name.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Transfer.c

EZYXS56W **Warning: Attempt to start a MULTIPLE transfer when one is in progress.****Explanation**

The XmTransferStartRequest function detected a MULTIPLE request while processing the current transfer.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Transfer.c

EZYXS57W

Warning: Attempt to send a MULTIPLE transfer when one is not in progress.

Explanation

The XmTransferSendRequest function detected that the attempted MULTIPLE request is not allowed for this transfer.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

Transfer.c

EZYXS61W

XtVaTypedArg conversion needs non-null widget handle.

Explanation

The Widget passed to the _XmTypedArgToArg function was NULL.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VaSimple.c

EZYXS62W**Unable to find type of resource for conversion.**

Explanation

The `_XmTypedArgToArg` function detected that the passed resource type in the typed argument list did not match a known resource type.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VaSimple.c

EZYXS63W**Type conversion failed.**

Explanation

The `_XmTypedArgToArg` function detected that the address of the receiving `XrmValue` variable was `NULL`. The `XtConvert` process failed.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VaSimple.c

EZYXS71W**Name: *string* Class: *string***

Explanation

Motif Generic Header message called within VendorS.c for use with applications from the previous release of Motif.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

VendorS.c

EZYXS72W**Action invoked with the wrong number of parameters.**

Explanation

A function was called with one of the following:

- No arguments
- More than one argument
- An argument that was not valid

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

FileSB.c, Notebook.c, ScrollBar.c, SelectioB.c

EZYXS81W**XmNtag cannot be NULL. Setting to empty string.****Explanation**

The ValidateTag function detected that the XmNtag was set to NULL.

System action

XmNtag is set to default and the application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmRenderT.c

EZYXS82W**Display is NULL. Cannot load font.****Explanation**

The ValidateAndLoadFont function detected that there was no valid Display to which to load the font.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmRenderT.c

EZYXS83W**XmNfontType invalid. Cannot load font.****Explanation**

The ValidateAndLoadFont function detected that the specified font or fontset is not a valid type.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmRenderT.c

EZYXS84W**Conversion failed. Cannot load font.****Explanation**

The ValidateAndLoadFont function detected that the font conversion failed because no callback was issued. The font did not load.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmRenderT.c

EZYXS85W**XmNfontType set to XmAS_IS. Cannot load font.****Explanation**

The ValidateAndLoadFont function detected that the fontType was set to XmAS_IS. The specified font is not loaded.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmRenderT.c

EZYXS86W	XmNloadModel is XmLOAD_IMMEDIATE but XmNfont and XmNfontName not specified. Cannot load font.
-----------------	--

Explanation

The ValidateAndLoadFont function detected that the font and font name were not specified. The font was not loaded.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmRenderT.c

EZYXS91W	No font found.
-----------------	-----------------------

Explanation

The OptLineMetrics function or the SpecifiedSegmentExtents function detected that a font was not specified.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmString.c

EZYXT01W	Tab value cannot be negative.
-----------------	--------------------------------------

Explanation

The XmTabCreate function or the XmTabSetValue function detected that the _XmTabValue contained a negative value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

XmTabList.c

EZYXT11W	XmNtextField resource cannot be set.
-----------------	---

Explanation

The SetValues function detected that the current textfield Widget is not equal to the new textfield Widget, and cannot be set to the specified value.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SSpinB.c

EZYXT12W	XmNpositionType resource can only be set at creation time.
-----------------	---

Explanation

The SetValues function detected that the current position of XmPOSITION_{ARRAY,VALUE} does not equal the new position. The position cannot be changed.

System action

The application continues.

Operator response

Contact the system programmer.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SSpinB.c

EZYXT13W	Item does not exist. XmNposition is unchanged.
-----------------	---

Explanation

The XmSimpleSpinBoxSetItem function attempted to access an XmNposition value that is no longer present.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xm.a library.

Procedure name

SSpinB.c

EZYXU01W

The duplicate option *string* was ignored

Explanation

The same command line option has been repeated more than once.

System action

The compiler continues.

Operator response

Remove duplicate command line option.

System programmer response

None.

Module

UilCmd.c

Procedure name

cmd_decode_command_line

EZYXU02W

The unknown option *string* was ignored

Explanation

An unknown option has been used in the compiler command line.

System action

The compiler continues.

Operator response

Check what you typed on the command line.

System programmer response

None.

Module

UilCmd.c

Procedure name

cmd_decode_command_line

EZYXU03E**The additional UIL source file: *string* was ignored****Explanation**

More than one source file was specified. Only the first source file will be compiled.

System action

The compiler continues.

Operator response

Compile additional source files using separate invocations or the compiler.

System programmer response

None.

Module

UilCmd.c

Procedure name

cmd_decode_command_line

EZYXU04S**An error occurred opening source file: *string*.****Explanation**

The source file specified could not be opened.

System action

The compiler ends.

Operator response

Verify that the file exists and has the proper permissions. Invoke the compiler again.

System programmer response

None.

Module

UilDB.c, UilSrcSrc.c

Procedure name

various

EZYXU05S**An error occurred reading next line of source file: *string*.****Explanation**

The source file specified could not be successfully read.

System action

The compiler ends.

Operator response

Verify that the file exists and has the proper permissions. Invoke the compiler again.

System programmer response

None.

Module

UilDB.c, UilSrcSrc.c

Procedure name

various

EZYXU06S	An internal error occurred in: <i>string</i>
----------	--

Explanation

The compiler detected an internal error.

System action

The compiler ends.

Operator response

Submit a software problem report.

System programmer response

None.

Module

UilDiag.c

Procedure name

diag_handler

EZYXU07E	The line was truncated at <i>number</i> characters
----------	--

Explanation

The compiler encountered a source line greater than 132 characters. Characters beyond the 132 character limit were ignored.

System action

The compiler continues.

Operator response

Break each source line longer than 132 characters into several source lines. Long string literals can be created using the concatenation operator.

System programmer response

None.

Module

UilSrcSrc.c

Procedure name

src_get_source_line

EZYXU08E	The value of <i>string</i> is out of range <i>string</i>.
-----------------	--

Explanation

The value specified is outside the legal range for its type.

System action

The compiler continues.

Operator response

Change the UIL module source.

System programmer response

None.

Module

UilLexAna.c, UilSarMod.c, UilSemVal.c

Procedure name

various

EZYXU09E	<i>string1</i> not terminated <i>string2</i>
-----------------	---

Explanation

A string was not properly terminated. String1 and string2 explain the defect.

System action

The compiler continues.

Operator response

Change the UIL module source to terminate the sequence properly.

System programmer response

None.

Module

UilLexAna.c

Procedure name

various

EZYXU10E**The unprintable character *char* ignored**

Explanation

The compiler encountered an illegal control character in the UIL specification file. The decimal value of the character is displayed.

System action

The compiler continues.

Operator response

Replace the character with the sequence specified in the message.

System programmer response

None.

Module

UilLexAna.c

Procedure name

yylex

EZYXU11E**The unknown sequence *string* ignored**

Explanation

The compiler detected a sequence of printable characters it did not understand. The compiler omitted the sequence of characters shown.

System action

The compiler continues.

Operator response

Fix the UIL module source.

System programmer response

None.

Module

UilLexAna.c

Procedure name

yylex

EZYXU12E

The unknown escape sequence `\char - \\` ignored

Explanation

A back slash was followed by an unknown escape character. The back slash is the escape character in UIL. A selected set of single characters can follow a back slash such as `\n` for new line. The character following the back slash was not one of the selected set.

System action

The compiler continues.

Operator response

Fix the UIL module source.

System programmer response

None.

Module

UilLexAna.c

Procedure name

yylex

EZYXU13E

The name exceeds *number* characters. It was truncated to: *string*

Explanation

The UIL compiler encountered a name longer than 31 characters. The compiler truncated the name to the leftmost 31 characters.

System action

The compiler continues.

Operator response

Fix the UIL module source.

System programmer response

None.

Module

UilLexAna.c

Procedure name

yyllex

EZYXU14S**The compiler ran out of virtual memory****Explanation**

The compiler ran out of virtual memory.

System action

The compiler continues.

Operator response

Reduce the size of your application or increase virtual memory.

System programmer response

None.

Module

UilMain.c

Procedure name

uil_mmove

EZYXU15E**An unexpected string token was seen. Parsing will resume after *string*.****Explanation**

At the point marked in the module, the compiler found a construct, such as a punctuation mark, name, or keyword, when it was expecting a different construct. The compiler continued analyzing the module at the next occurrence of the construct stated in the message.

System action

The compiler continues.

Operator response

Check the syntax of your UIL module at the point marked by the compiler. If the module specifies case-sensitive names, check that your keywords are in lowercase characters.

System programmer response

None.

Module

UilLexAna.c, UilLexPars.c

Procedure name

various

EZYXU16E***string string* must be defined before this reference**

Explanation

The widget pointed to in the message was either never defined or not defined prior to this point in the module. The compiler requires to be defined before you see the widget at the next occurrence of the construct stated in the message.

System action

The compiler continues.

Operator response

Check for a misspelling of the name of the widget, a missing declaration for the widget, or declaring the widget after its first reference. If names in the module are case-sensitive, the spellings of the name in the declaration and in the reference must match exactly.

System programmer response

None.

Module

UilSarProc.c, UilSarVal.c

Procedure name

various

EZYXU17E**The context requires a string but *string* was specified**

Explanation

At the point marked in the specification, one type of object (such as a widget) is required and your specification supplied a different type of object (such as a value).

System action

The compiler continues.

Operator response

Check for misspelling. Also check to ensure that you have referred to the intended widget.

System programmer response

None.

Module

UilSarProc.c, UilSarVal.c

Procedure name

various

EZYXU18E***string* is not implemented yet**

Explanation

You are using a feature of UIL that has not been implemented yet.

System action

The compiler continues.

Operator response

Try an alternate technique.

System programmer response

None.

Module

UilSarProc.c, UilSarVal.c

Procedure name

various

EZYXU19E	<i>string</i> value was found when <i>string</i> value was expected
-----------------	--

Explanation

The indicated value is not of the specific type required by UIL in this context.

System action

The compiler continues.

Operator response

Check the definition of the function or clause.

System programmer response

None.

Module

UilSarVal.c

Procedure name

various

EZYXU20W	The <i>string string</i> is not supported for the <i>string</i> object
-----------------	---

Explanation

Each widget or gadget supports a specific set of parameters, reasons, and children. The particular parameter, reason, or child you specified is not supported for this widget or gadget.

System action

The compiler continues.

Operator response

If a widget creation function accepts a parameter that UIL rejects, it does not necessarily mean that the UIL compiler is in error. Widget creation functions ignore parameters that they do not support without notifying you that the parameter is being ignored.

System programmer response

None.

Module

UilSemVal.c

Procedure name

various

EZYXU21I	This <i>string string</i> supersedes a previous definition in this <i>string string</i>
----------	---

Explanation

A parameter or call-back list has either a duplicate parameter or duplicate reason.

System action

The compiler continues.

Operator response

This is not necessarily an error. The compiler is alerting you to make sure that you intend to override the value of a prior parameter. This informational message can be suppressed using the -I option.

System programmer response

None.

Module

UilSemVal.c, UilSarMod.c

Procedure name

various

EZYXU22E	The name <i>string</i> previously defined as <i>string</i>
----------	--

Explanation

The name marked by the message was used in a previous declaration. UIL requires that the names of all widgets declared within a module be unique.

System action

The compiler continues.

Operator response

Check for a misspelling. If the module is case-sensitive, the spellings of names in declarations and in references must match exactly.

System programmer response

None.

Module

UilSarVal.c

Procedure name

sem_dcl_name

EZYXU23E

The value used in this context must be private

Explanation

A private value is one that is not imported or exported. In the context marked by the message, only a private value is legal. Situations where this message is issued include defining one value in terms of another, and defining parameters in terms of functions. In general, a value must be private when the compiler must know the value at compilation time. Exported values are disallowed in these context, even though a value is present, because that value could be overridden at run time.

System action

The compiler continues.

Operator response

Change the value to private.

System programmer response

None.

Module

UilSarVal.c, UilSemVal.c

Procedure name

various

EZYXU24E

The procedure *string* was previously declared with *number* arguments

Explanation

The declaration of the marked procedure specified a different number of parameters than are present in this procedure reference.

System action

The compiler continues.

Operator response

Check that you are calling the correct function. If you intend to call the procedure with a varying number of parameters, omit the argument list in the procedure declaration.

System programmer response

None.

Module

UilSemVal.c

Procedure name

sem_validate_procref_entry

EZYXU25E	<i>string</i> value was found. The argument to procedure <i>string</i> must be <i>string</i> value
-----------------	---

Explanation

The declaration of the marked procedure specified a different type of parameters than is present in this procedure reference.

System action

The compiler continues.

Operator response

Check that you are passing the correct parameter to the correct function. If you intend to call the procedure with varying parameter types, declare the procedure specifying 'any' as the type of the parameter.

System programmer response

None.

Module

various

Procedure name

various

EZYXU26E	<i>string string</i> was found when <i>string string</i> was expected
-----------------	--

Explanation

Most parameters take values of a specific type. The value specified is not correct for this procedure.

System action

The compiler continues.

Operator response

The message indicates the expected type of parameter. Check that you have specified the intended value and that you specified the correct parameter.

System programmer response

None.

Module

UilSarMod.c, UilSarObj.c

Procedure name

various

EZYXU27E	<i>string string was never defined</i>
-----------------	---

Explanation

Certain UIL objects, such as gadgets and widgets, can be referred to before they are defined. The marked widget is such an object, however the compiler never found the widget declaration.

System action

The compiler continues.

Operator response

Check for misspelling. If the module is case-sensitive, the spellings of names in declarations and in references must match exactly.

System programmer response

None.

Module

UilP2Reslv.c

Procedure name

sem_resolve_forward_ref

EZYXU28E	<i>string string was already specified</i>
-----------------	---

Explanation

A widget or gadget declaration can have, at most, one argument list, one call-back list, and one controls list.

System action

The compiler continues.

Operator response

If you want to specify multiple lists of arguments, controls and call-backs, you can do so within one list. For example: arguments (argument_list1; argument_list2;).

System programmer response

None.

Module

UilSarObj.c

Procedure name

sar_save_feature

EZYXU29E	<i>string</i> item is not allowed in <i>string string</i>
-----------------	---

Explanation

The indicated list item is not of the type required by the list. Argument lists must contain argument entries, call-back lists must contain call-back entries, control lists must contain control entries and procedure lists must contain procedure entries.

System action

The compiler continues.

Operator response

Check the syntax for the type of list entry that is required in this context and change the indicated list item.

System programmer response

None.

Module

UilSarObj.c, UilSemVal.c

Procedure name

various

EZYXU30S	The compilation was terminated. Fix the previous errors
-----------------	--

Explanation

Errors encountered during the compilation have caused the compiler to stop processing.

System action

The compiler ends.

Operator response

Fix the errors already diagnosed by the compiler and re-compile.

System programmer response

None.

Module

UilDiags.c

Procedure name

diag_issue_diagnostic

EZYXU31S

An internal error occurred. Submit a defect report.

Explanation

The compiler diagnosed an internal error.

System action

The compiler ends.

Operator response

Get a listing and identify where the error is being issued. Try to correct any faulty syntax in this area. If you are unable to prevent this error, submit a software problem report.

System programmer response

None.

Module

UilDiags.c

Procedure name

diag_issue_diagnostic

EZYXU33E

***string* was missing following "*string*" option**

Explanation

You used a command line option that requires a parameter and you did not provide that parameter.

System action

The compiler continues.

Operator response

Omit the option or provide the parameter.

System programmer response

None.

Module

UilCmd.c

Procedure name

cmd_decode_command_line

EZYXU34S

An error occurred opening the listing file: *filename*

Explanation

The compiler could not create the listing file noted in the message.

System action

The compiler ends.

Operator response

Check that you have write access to the directory you specified to hold the listing file.

System programmer response

None.

Module

UilLstLst.c

Procedure name

lst_open_listing

EZYXU35S

An error occurred writing to the listing file: *filename*

Explanation

The compiler could not write a line into the listing file noted in the message.

System action

The compiler ends.

Operator response

Check to see that there is adequate space in the disk specified to hold the listing file.

System programmer response

None.

Module

UilLstLst.c

Procedure name

lst_output_line

EZYXU36E

An invalid module structure was detected. Check the UIL module syntax

Explanation

The structure of the UIL module is incorrect.

System action

The compiler continues.

Operator response

If there are any syntax errors reported, correct them and re-compile.

System programmer response

None.

Module

UilMain.c

Procedure name

common_main

EZYXU37S

Too many source files are open: *number*

Explanation

The compiler has a fixed limit for the number of source and include files that it can process. This number is reported in the message.

System action

The compiler ends.

Operator response

Use fewer include files.

System programmer response

None.

Module

UilSrcSrc.c

Procedure name

src_open_file

EZYXU39I

errors: *number* warnings: *number* informationals: *number*

Explanation

This message lists a summary of the diagnostic data issued by the compiler and is displayed only when diagnostic data has been issued.

System action

The compiler continues.

Operator response

Correct the problems reported. You can use the -I option to suppress informational and warning diagnostic data that you have determined to be harmless.

System programmer response

None.

Module

UilDiags.c

Procedure name

diag_issue_summary

EZYXU40S	An error occurred opening the UID file: <i>filename</i>
-----------------	--

Explanation

The compiler could not create the UID file noted in the message. A UID file holds the compiled user-interface specification.

System action

The compiler ends.

Operator response

Check that you have write access to the directory you specified to hold the UID file.

System programmer response

None.

Module

UilP2Out.c

Procedure name

sem_output_uid_file

EZYXU41I	No UID file was produced
-----------------	---------------------------------

Explanation

If the compiler reported recoverable or nonrecoverable errors, no UID file is produced. The message informs you that the compiler did not produce a UID file.

System action

The compiler continues.

Operator response

Fix the problems reported by the compiler.

System programmer response

None.

Module

UilP2Out.c

Procedure name

sem_output_uid_file

EZYXU42E	The creation procedure is not supported by the <i>string</i> widget
----------	---

Explanation

You specified a creation procedure for a toolkit widget. You can specify a creation procedure only for a user-defined widget.

System action

The compiler continues.

Operator response

Remove the procedure clause following the widget type.

System programmer response

None.

Module

various

Procedure name

various

EZYXU43E	The creation procedure is not allowed in a <i>string</i> widget reference
----------	---

Explanation

You specified a creation procedure when referencing a widget. You can specify a creation procedure only when you declare the widget.

System action

The compiler continues.

Operator response

Remove the procedure clause following the object type.

System programmer response

None.

Module

UilSarObj.c

Procedure name

sar_verify_object

EZYXU44E	The creation procedure is required in a <i>string</i> widget declaration
-----------------	---

Explanation

When defining a user-defined widget, you must specify the name of the creation function for creating an instance of this widget.

System action

The compiler continues.

Operator response

Insert a procedure clause following the widget type in the widget declaration. You also need to declare the creation procedure using a procedure declaration.

System programmer response

None.

Module

UilSarObj.c

Procedure name

sar_verify_object

EZYXU45W	A NULL character in a string is not supported
-----------------	--

Explanation

You have created a string that has an embedded null character. Strings are represented in a UID file and in many toolkit data structures as null-terminated strings. So, although the embedded nulls will be placed in the UID file, toolkit functions might interpret an imbedded null as the terminator for the string.

System action

The compiler continues.

Operator response

Be careful when using embedded nulls.

System programmer response

None.

Module

UilLexAna.c

Procedure name

yyparse

EZYXU46E**Widget *string* is part of a circular definition****Explanation**

The indicated object is referenced as a descendant of itself, either within its own definition or within the definition of one of the widgets in the widget tree that the object controls.

System action

The compiler continues.

Operator response

Change the definition of the indicated widget so that it is not a descendant of itself.

System programmer response

None.

Module

UilSemVal.c

Procedure name

sem_validate_callback_entry

EZYXU47S**No source file was specified****Explanation**

No source file was specified to compile.

System action

The compiler ends.

Operator response

Specify the name of a UIL specification file to compile.

System programmer response

None.

Module

UilCmd.c

Procedure name

cmd_decode_command_line

EZYXU48W

string string supports only a single string string

Explanation

You have specified a particular clause more than once in a context where that clause can only occur once. For example, the version clause in the module can only occur once.

System action

The compiler continues.

Operator response

Choose the correct clause and delete the others.

System programmer response

None.

Module

UilSarMod.c

Procedure name

various

EZYXU49W

string widget supports only a single control

Explanation

The specified widget might only have one entry in its controls list.

System action

The compiler continues.

Operator response

Change the control list to have only one entry.

System programmer response

None.

Module

UilP2Out.c

Procedure name

out_emit_widget

EZYXU51E

Place the names clause before other module clauses

Explanation

The case-sensitive clause, if specified, must be the first clause following the name of the module. You have inserted another module clause before this clause.

System action

The compiler continues.

Operator response

Reorder the module clauses so that the case-sensitivity clause is first.

System programmer response

None.

Module

UilSarMod.c

Procedure name

sar_process_module_sensitivity

EZYXU52E**The color letter string must be a single character**

Explanation

The string associated with each color in a color table must hold exactly one character. You have specified a string with either fewer or more characters.

System action

The compiler continues.

Operator response

Use a single character to represent each color in a color table.

System programmer response

None.

Module

UilSarVal.c

Procedure name

sar_make_color_item

EZYXU53E**The color letter was used for prior color in this table**

Explanation

Each of the letters used to represent a color in a color table must be unique. If not, that letter in an icon would represent more than one color. The letter marked has been assigned to more than one color.

System action

The compiler continues.

Operator response

Use a single character to represent each color in a color table.

System programmer response

None.

Module

UilSarVal.c

Procedure name

sar_make_color_item

EZYXU54E	Row number must have same width as row 1
-----------------	---

Explanation

The icons supported by UIL are rectangular. As a result, each of the strings used to represent a row of pixels in an icon must have the same length. The specified row does not have the same length as the first row.

System action

The compiler continues.

Operator response

Use a single character to represent each color in a color table.

System programmer response

None.

Module

UilSarVal.c

Procedure name

sar_make_icon

EZYXU55E	row number, column number: letter <i>letter</i> is not in the color table
-----------------	--

Explanation

You have specified a color to be used in an icon that is not in the color table for that icon. The invalid color is identified in the message by displaying the letter used to represent it.

System action

The compiler continues.

Operator response

Either add the color to the color table for that icon, or use a character representing a color in the color table.

System programmer response

None.

Module

UilSemVal.c

Procedure name

sem_evaluate_value_expr

EZYXU56E	There are too many <i>string</i> in <i>string</i>. The limit is <i>number</i>
-----------------	--

Explanation

You exceeded a compiler limit such as the number of fonts in a font table or the number of strings in translation table. The message indicates the limit imposed by the compiler.

System action

The compiler continues.

Operator response

Restructure your UIL module.

System programmer response

None.

Module

UilCmd.c, UilSarVal.c

Procedure name

various

EZYXU58W	The <i>string</i> gadget is not supported. The <i>string</i> widget will be used instead
-----------------	---

Explanation

The indicated widget type does not support a gadget variant, only a widget variant is supported for this widget type. The UIL compiler ignores the gadget indication and creates widgets of this widget type.

System action

The compiler continues.

Operator response

Restructure your UIL module.

System programmer response

None.

Module

UilSarMod.c, UilSarObj.c

Procedure name

various

EZYXU59E The *string* type is not valid for *string*

Explanation

The indicated operand is not of a type that is supported by this operator.

System action

The compiler continues.

Operator response

Check the definition of the operator and make sure the type of the operand you specify is supported by the operator.

System programmer response

None.

Module

UilSemVal.c

Procedure name

validate_arg

EZYXU61W The *string* constraint is not supported for the *string string*

Explanation

You have specified a constraint that does not exist or is not appropriate for the constrained object.

System action

The compiler continues.

Operator response

Check for spelling errors. Check that the constraint is appropriate.

System programmer response

None.

Module

UilSemVal.c

Procedure name

sem_validate_constraint_entry

EZYXU62W

Too many *string* options were detected, the limit is *number*

Explanation

You have specified more directories (using command line options) than the UIL compiler can process.

System action

The compiler continues.

Operator response

Reduce the number of directories specified by command line options.

System programmer response

None.

Module

UilCmd.c

Procedure name

cmd_decode_command_line

EZYXU63W

An error occurred while closing the source file: *filename*

Explanation

The UIL compiler was not able to properly close a source file.

System action

The compiler continues.

Operator response

Check the permissions of the file and its parent directory.

System programmer response

None.

Module

UilSrcSrc.c

Procedure name

Uil_src_cleanup_source

Explanation

You attempted to declare a value using an expression that contains the value you are declaring.

System action

The compiler continues.

Operator response

Remove the circular reference from the value expression.

System programmer response

None.

Module

UilSemVal.c

Procedure name

various

Explanation

You have declared the meaning of a nonreserved keyword again. This is permitted, but generates a warning. You will not be able to use the UIL-supplied function for the keyword after it is overridden.

System action

The compiler continues.

Operator response

Make sure that you intended to override the built-in keyword. Also make sure that you no longer need the UIL-supplied function for that keyword.

System programmer response

None.

Module

UilSarVal.c

Procedure name

sem_dcl_name

Explanation

You used the displayed argument along with a type that the argument does not support.

System action

The compiler continues.

Operator response

Correct the argument function. Use only supported types for the argument.

System programmer response

None.

Module

UilSemVal.c

Procedure name

sem_validate_argument_enumset

EZYXU67W

The *string* argument does not support the *string* enumerated value

Explanation

You used the displayed argument along with an inappropriate value. Review the allowed values for the resources supported by the widget.

System action

The compiler continues.

Operator response

Correct the argument function. Use only supported values for the argument.

System programmer response

None.

Module

UilSemVal.c

Procedure name

sem_validate_argument_enumset

EZYXU68E

The environment variable, \$LANG, contains an unknown character set

Explanation

The \$LANG environment variable contains an unknown character set. The UIL compiler does not have a default definition for the character set, and you have not supplied a definition using the CHARACTER_SET function.

System action

The compiler continues.

Operator response

Make sure the character set is spelled correctly. If it is a user-defined character set, make sure you have defined it within a CHARACTER_SET function.

System programmer response

None.

Module

UilLexAna.c

Procedure name

lex_initialize_analyzer

EZYXU69E	The <i>string</i> object's controls hierarchy contains a reference to itself
-----------------	---

Explanation

You have referred to a widget within its own controls list. Widgets cannot act as their own controlled descendants.

System action

The compiler continues.

Operator response

Remove the circular reference from the widget controls list.

System programmer response

None.

Module

UilSemVal.c

Procedure name

various

EZYXU70S	The value <i>string</i> is too large for context buffer
-----------------	--

Explanation

The UIL compiler was unable to allocate an internal buffer while attempting to parse the specified value.

System action

The compiler ends

Operator response

If possible, reduce the complexity of the value expression.

System programmer response

None.

Module

UilP2Out.c

Procedure name

out_emit_value

EZYXU71S

Forward referencing is not allowed for *string*

Explanation

You have referenced an object before defining it.

System action

The compiler ends

Operator response

Restructure the module so the object is defined before being referenced.

System programmer response

None.

Module

UilSarMod.c

Procedure name

sar_process_module_version

EZYXU72E

***string* type cannot be converted to *string* type**

Explanation

You have defined an expression containing two types of operands that cannot be converted into one another (for example, integer and Pixmap) or that require an explicit conversion function (for example, Boolean and Floating Point).

System action

The compiler continues

Operator response

Make sure that the expression is correct and that the required conversion functions are used.

System programmer response

None.

Module

UilSemVal.c

Procedure name

various

EZYXU73E

string is invalid

Explanation

You defined an argument function using an argument that UIL does not allow.

System action

The compiler continues

Operator response

Make sure the argument function is correct.

System programmer response

None.

Module

UilSemVal.c

Procedure name

various

EZYXU74S

An error occurred while reading the binary database

Explanation

The binary database file could not be successfully read.

System action

The compiler ends

Operator response

Verify that the file exists and has the proper permissions. Invoke the compiler again.

System programmer response

None.

Module

UiIDB.c

Procedure name

various

EZYXU75S**The binary database was compiled with a future version****Explanation**

The binary database was compiled by a UIL version later than the compiler version being used.

System action

The compiler ends

Operator response

Use a binary database compiled with the current UIL compiler. Invoke the compiler again.

System programmer response

None.

Module

UiIDB.c

Procedure name

db_incorporate

EZYXU76S**An error occurred while opening the database file: *filename*****Explanation**

The binary database file could not be opened.

System action

The compiler ends

Operator response

Verify that the file exists and has the proper permissions. Invoke the compiler again.

System programmer response

None.

Module

UiIDB.c

Procedure name

db_open_file

EZYXU77S**An error occurred while writing to the UID file: *filename*****Explanation**

The compiler could not write a line into the UID file noted in the message.

System action

The compiler ends

Operator response

Check to see that there is adequate space in the disk specified to hold the UID file.

System programmer response

None.

Module

UilP2Out.c

Procedure name

various

EZYXU79S**Invalid include file name****Explanation**

The value_entry structure is defined as a type other than char_8, when char_8 is required.

System action

The compiler ends

Operator response

Ensure usage of the correct structure type.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

UilSarInc.c

Procedure name

sar_include_file()

EZYXU80W**Incompatible unit types for arithmetic operation****Explanation**

While performing an arithmetic operation with multiple arguments, the compiler found that the arguments were of incompatible types. For example, the compiler was expecting to perform an AND operation on two integer variables, and found that one variable was a floating point.

System action

The compiler ends

Operator response

Verify that the UID file has Integer and FloatingPoint Values in the correct order or place.

System programmer response

None.

Module

UilSemVal.c

Procedure name

sem_evaluate_value_expr()

EZYXU81I	<i>string</i> used as charset name; <i>string</i> used as charset component
-----------------	--

Explanation

During NAME to CHARSET_NAME conversion, the specified charset could not be resolved. The default charset was used.

System action

None.

Operator response

If the default charset is not acceptable, verify that the correct charset is accessible and correctly labeled.

System programmer response

None.

Module

UilSarComp.c

Procedure name

sar_make_fallback_charset()

EZYXU82E	<i>string string</i> already specified for this <i>string string</i>
-----------------	---

Explanation

A widget or gadget declaration can have no more than one argument list, one call-back list, and one control list.

System action

The compiler continues.

Operator response

If you want to specify multiple lists of arguments, controls and call-backs, you can do so within one list. For example: arguments (argument_list1; argument_list2;).

System programmer response

None.

Module

UilSarObj.c

Procedure name

sar_save_feature()

EZYXU99E	<i>string1 string2 string3</i>
-----------------	---------------------------------------

Explanation

The Mrm function, *string1*, has detected an error. *string2* describes the error. *string3* states the status returned by the Mrm function.

System action

None.

Operator response

None.

System programmer response

Based on the error description, review the application code and the UIL module. Verify that the correct UID module is being accessed. In most cases, this is an application programming error. If the error description states that this is an internal error, submit a software problem report.

Module

Mrmerror.c

Procedure name

Urm__UT_Error

EZYXW01E	Xlib: connection to string refused to server
-----------------	---

Explanation

The server identified by string has refused the connection.

System action

The application is ended.

Operator response

Issue the xhost command at the server to add the host address.

System programmer response

None.

Module

OpenDis.c

Procedure name

XOpenDisplay

EZYXW02E

Xlib: client uses different protocol version (number) than server (number)!

Explanation

There is a mismatch between the version of the X Window System protocol used by the client library and that used by the server (string2)

System action

The application is ended.

Operator response

Use a server which is compatible with the client library.

System programmer response

None.

Module

OpenDis.c

Procedure name

XOpenDisplay

EZYXW03E

Error parsing argument "string1" (string2); string3

Explanation

The Resource Manager has been passed an invalid argument. String1 is the option name; string2 is the value supplied; string3 is an explanatory comment.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

ParseCmd.c

Procedure name

_XReportParseError

EZYXW04E**X connection to string broken (explicit kill or server shutdown).****Explanation**

The server has been shut down or the client window has been destroyed. This message might be generated when a window is closed by the user and the application does not recognize what has happened.

System action

The application is ended.

Operator response

None.

System programmer response

None.

Module

XlibInt.c

Procedure name

_XDefaultIOError

EZYXW05E**XIO: fatal IO error number1 (string1) on X Server "string2" after number2 requests (number3 known processed) with number4 events remaining.****Explanation**

The connection to the server has been broken. The reported error is number1 with a descriptive string string1. String2 identifies the server being used.

System action

The application is ended.

Operator response

Try to restart the application.

System programmer response

None.

Module

XlibInt.c

Procedure name

_XDefaultIOError

EZYXW06E**Xlib: extension "string1" string2 on display "string2."**

Explanation

An error has been detected by an X Window System extension. String1 is the name of the extension; string2 is a description of the error; String3 is the address of the server.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

extutil.c

Procedure name

_default_exterror

EZYXW07W**Warning: Current locale is not supported by Xlib**

Explanation

The current locale is not supported by Xlib. The server code set is set to ISO8859-1.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

Conv.c

Procedure name

init_iconv

EZYXW08W**Warning: Unable to convert from string1 to string2.**

Explanation

Conversion tables do not exist for converting from code set string1 to code set string2. The default conversions are used.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

Conv.c

Procedure name

init_iconv

EZYXW09I	Unable to open message catalog: X11R6.cat
-----------------	--

Explanation

The message catalog for X Window System messages could not be opened.

System action

The application continues.

Operator response

Verify that the NLSPATH environment variable is set to the correct value.

System programmer response

None.

Module

OpenDis.c, Xt/Initialize.c

Procedure name

XOpenDisplay,XtToolkitInitialize

EZYXW10E	X Error of failed request: string Major op code of failed request: number string (additional lines depending on X Error) Serial number of failed request: number Current serial number in output stream: number
-----------------	--

Explanation

This message is displayed by the default Xlib error handler. An X Window System protocol error has been detected. The type of error detected is described by string. The failed request Major op code is displayed as a number and as a descriptive string. This is followed by one or more of the following lines, depending on the type of error: ResourceID in failed request: hexadecimal number AtomID in failed request: hexadecimal number value in failed request: hexadecimal number Minor code of failed request: number. These lines are followed by the serial number of the failed request and the current serial number.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

XlibInt.c

Procedure name

_XPrintDefaultError

EZYXW11E**XtlibError: string1 string2 string3 string4**

Explanation

An Xtlib function has detected an error. String1 is the name of the function reporting the error, string2 is the error type, string3 is the error class, and string4 is a descriptive string.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

XtMsgCat.c

Procedure name

XtErrorMsgCat

EZYXW12W**XtlibWarning: string1 string2 string3 string4**

Explanation

An Xtlib function has detected a recoverable error. String1 is the name of the function reporting the error, string2 is the error type, string3 is the error class, and string4 is a descriptive string.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

XtMsgCat.c

Procedure name

XtWarningMsgCat

EZYXW13W	Xtlib: locale not supported by C library, locale unchanged.
-----------------	--

Explanation

An attempt was made to set the current locale to a value not supported by the C library.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

Initialize.c

Procedure name

_XtDefaultLanguageProc

EZYXW14W	Xtlib: locale not supported by Xlib, locale set to C
-----------------	---

Explanation

An attempt was made to set the current locale to a value not supported by Xlib.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

Initialize.c

Procedure name

_XtDefaultLanguageProc

EZYXW15W**Xtlib: X Locale modifiers not supported, using default****Explanation**

The locale modifiers could not be set.

System action

The application continues.

Operator response

None.

System programmer response

None.

Module

Initialize.c

Procedure name

_XtDefaultLanguageProc

EZYXW16W**XtVaTypedArg is not valid in XtVaSetSubvalues()****Explanation**

XtVaSetSubvalues has been called with typed arguments.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

VarCreate.c

Procedure name

XtVaSetSubvalues

EZYXW17W**XtVaTypedArg is an invalid argument to XtVaGetSubvalues()****Explanation**

XtGetSubvalues has been called with typed arguments.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

VarGet.c

Procedure name

XtVaGetSubvalues

EZYXW18W**String to BackingStore conversion needs no extra arguments****Explanation**

The string to backing store conversion has been called with an extra argument.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xmu/StrToBS.c

Procedure name

XmuCvtStringToBackingStore

EZYXW19W**Xawlib: Too many parameters passed to highlight action table.****Explanation**

Extra parameters were passed in a call to Highlight().

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Command.c

Procedure name

Highlight

EZYXW20W**List Widget: Unknown geometry return.**

Explanation

A call to ChangeSize contained an unknown geometry request.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/List.c

Procedure name

ChangeSize

EZYXW21W**List Widget: Size changed when it shouldn't have when resizing.**

Explanation

An attempt was made to resize the List widget inappropriately.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/List.c

Procedure name

Resize

EZYXW22E	MenuButton: Could not find menu widget named string.
-----------------	---

Explanation

An incorrect name was passed for a menu widget.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

MenuButton.c

Procedure name

PopupMenu

EZYXW23W	MultiSrc: The XtNuseStringInPlace resources may not be changed.
-----------------	--

Explanation

An attempt was made to change the XtNuseStringInPlace resource.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/MultiSrc.c

Procedure name

SetValues

EZYXW24E**string1: unable to allocate number bytes for widget name**

Explanation

Unable to allocate the required number of bytes for a widget name. String1 is the name of the routine allocating the storage.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xmu/WidgetNode.c

Procedure name

XmuWnInitializeNodes

EZYXW25E**String1: unable to calloc number1 number2 byte widget node ptrs**

Explanation

Unable to allocate number1 number2 byte areas of storage for use as widget node pointers.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xmu/WidgetNode.c

Procedure name

XmuWnFetchResources

EZYXW26W**XawTextWidget: An attempt was made to insert an illegal selection.**

Explanation

An attempt was made to insert an illegal selection into an Xaw Text widget.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

TextAction.c

Procedure name

StartAction

EZYXW27W **Xaw MultiSrc Object: possible memory leak in FreeAllPieces().****Explanation**

A possible memory leak has been detected in FreeAllPieces().

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

MultiSrc.c

Procedure name

FreeAllPieces

EZYXW28E **Paneled GripAction(); 1st parameter invalid.****Explanation**

The first parameter passed to HandleGrip is invalid.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Paned.c

Procedure name

HandleGrip

EZYXW29W	Scrollbar Widget: Could not get geometry of thumb pixmap.
-----------------	--

Explanation

The scrollbar widget could not get the geometry of the thumb pixmap.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Scrollbar.c

Procedure name

CreateGC

EZYXW30W	string Widget: The Simple Widget class method 'change_sensitive' must be defined or inherited.
-----------------	---

Explanation

The widget named string does not have the Simple Widget class method 'change_sensitive' defined or inherited.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Simple.c

Procedure name

ClassPartInitialize

EZYXW31E	Paned GripAction has been passed incorrect parameters.
-----------------	---

Explanation

HandleGrip has been passed incorrect parameters.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Paned.c

Procedure name

HandleGrip

EZYXW32E	Unknown event type in GetEventEntry().
-----------------	---

Explanation

An unknown event type has been detected.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

SimpleMenu.c

Procedure name

GetEventEntry

EZYXW33W**No Dynamic class change of the SimpleMenu Label.****Explanation**

An attempt was made to change the class of the SimpleMenu label.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SimpleMenu.c

Procedure name

GetValues

EZYXW34W**Xaw - SimpleMenuWidget: position menu action expects only one parameter which is the name of the menu.****Explanation**

There should be only one parameter passed to PositionMenuAction.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SimpleMenu.c

Procedure name

PositionMenuAction

EZYXW35W**Xaw - SimpleMenuWidget: could not find menu named: string**

Explanation

The menu widget named string could not be found.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SimpleMenu.c

Procedure name

PositionMenuAction

EZYXW36W

Xaw Simple Menu Widget: label string is NULL or label already exists, no label is being created.

Explanation

The label string is NULL or the label already exists for a SimpleMenu widget.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SimpleMenu.c

Procedure name

CreateLabel

EZYXW37W

Xaw Simple Menu Widget: Could not find location of mouse pointer.

Explanation

The position of the mouse pointer could not be determined.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SimpleMenu.c

Procedure name

PositionMenu

EZYXW38E

Xaw SmeBSB Object: Could not get Left Bitmap geometry information for menu entry "string"

Explanation

The Left Bitmap geometry information for the menu entry named string could not be obtained.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SmeBSB.c

Procedure name

GetBitmapInfo

EZYXW39E

Xaw SmeBSB Object: Left Bitmap of entry "string" is not one bit deep.

Explanation

The bitmap specified for entry string is not one bit deep.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SmeBSB.c

Procedure name

GetBitmapInfo

EZYXW40E	Xaw SmeBSB Object: Could not get Right Bitmap geometry information for menu entry "string".
-----------------	--

Explanation

The Right Bitmap geometry information for the menu entry named string could not be obtained.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SmeBSB.c

Procedure name

GetBitmapInfo

EZYXW41E	Xaw SmeBSB Object: Right Bitmap of entry "string" is not one bit deep.
-----------------	---

Explanation

The bitmap specified for entry string is not one bit deep.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/SmeBSB.c

Procedure name

GetBitmapInfo

EZYXW42W	Xaw Text Widget string: Vertical scrolling not allowed with height resize. Vertical scrolling has been DEACTIVATED.
-----------------	--

Explanation

An attempt was made to specify vertical scrolling with height resizing for Text widget string.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Text.c

Procedure name

Initialize

EZYXW43W	Xaw Text Widget string: Horizontal scrolling not allowed with wrapping active. Horizontal scrolling has been DEACTIVATED.
-----------------	--

Explanation

An attempt was made to specify horizontal scrolling when wrapping was active for Text widget string.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Text.c

Procedure name

Initialize

EZYXW44W

**Xaw Text Widget string: Horizontal scrolling not allowed with width
resize. Horizontal scrolling has been DEACTIVATED.**

Explanation

An attempt was made to specify horizontal scrolling and width resize for Text widget string.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Text.c

Procedure name

Initialize

EZYXW45W

Xaw Text Widget: empty selection array.

Explanation

The selection array passed to DoSelection is empty.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Text.c

Procedure name

DoSelection

EZYXW46E

Xaw Text Widget: multiply() takes exactly one argument.

Explanation

An incorrect number or arguments was passed to multiply().

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/TextAction.c

Procedure name

Multiply

EZYXW47E

Xaw Text Widget: multiply() argument must be a number greater than zero, or 'Reset'.

Explanation

The argument to multiply must be a number greater than zero, or Reset.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/TextAction.c

Procedure name

Multiply

EZYXW48W

string This action must have only one or two parameters.

Explanation

The action, string, must have only one or two parameters.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/TextPop.c

Procedure name

_XawTextSearch

EZYXW49W	string The first parameter must be either backward or forward.
-----------------	---

Explanation

The first parameter for the Search routine of the Text Widget is not either 'backward' or 'forward'.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/TextPop.c

Procedure name

Search

EZYXW50W	Toggle Widget Error - Attempting to create a new toggle group when one already exists.
-----------------	---

Explanation

An attempt was made to create a new toggle group when one already exists.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Toggle.c

Procedure name

CreateRadioGroup

EZYXW51E	Aborting, due to errors resolving bindings in the Toggle widget.
-----------------	---

Explanation

There is an error in the Toggle widget's action table.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Toggle.c

Procedure name

ClassInit

EZYXW52W	we can not open any input method
----------	----------------------------------

Explanation

Xaw is unable to open any input method.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/XawIm.c

Procedure name

OpenIM

EZYXW53W	Xaw: input method doesn't support any style
-----------------	--

Explanation

The current input method does not support any style.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/XawIm.c

Procedure name

OpenIM

EZYXW54W	Xaw: input method doesn't support my input style.
-----------------	--

Explanation

The input method being opened does not specify any supported style.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/XawIm.c

Procedure name

OpenIM

EZYXW55E

XSMP error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by:) BadValue Offset = number BadValue Length = number BadValue = number

Explanation

The session manager client routines have detected an error. The Offending minor code is displayed as a number and an explanatory string. The Error class and severity are displayed as strings. If the Error class is BadValue, the offset, length, and the bad value are displayed.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

SM/sm_error.c

Procedure name

_SmcDefaultErrorHandler

EZYXW56E

ICE error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by one or more of the following:) BadValue Offset = string BadValue Length = string BadValue = string Major opcode : number Reason : string Protocol name : string

Explanation

ICE has detected an error. Information about the error is displayed.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

ICE/error.c

Procedure name

_IceDefaultErrorHandler

EZYXW57E	X Error: string
-----------------	------------------------

Explanation

An X Protocol error has been detected. String displays a description of the error.

System action

The application is ended.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xmu/DefErrMsg.c

Procedure name

XmuPrintDefaultErrorMessage

EZYXW58W	XSMP error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by:) BadValue Offset = number BadValue Length = number BadValue = number
-----------------	--

Explanation

The session manager server routines have detected an error. The Offending minor code is displayed as a number and an explanatory string. The Error class and severity are displayed as strings. If the Error class is BadValue, the offset, length, and the bad value are displayed.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

SM/sm_error.c

Procedure name

_SmcDefaultErrorHandler

EZYXW59W**Xaw Text widget string: empty copy queue.****Explanation**

An attempt was made to copy with an empty copy queue.

System action

The application continues.

Operator response

None.

System programmer response

Use your X Window System/Motif documentation to correct this application programming error.

Module

Xaw/Text.c

Procedure name

PopCopyQueue

EZYXW60I**Xlib: resource ID allocation space exhausted!****Explanation**

The X Window System resource ID space has been exhausted.

System action

The application continues.

Operator response

None. value.

System programmer response

None.

Module

XlibInt.c

Procedure name

_XAllocID

EZYXW61I**Xlib: sequence lost (number > number) in reply type number!**

Explanation

A sequence number has been received which is less than the last received sequence number.

System action

The application continues.

Operator response

Data might have been lost, consider restarting the application.

System programmer response

None.

Module

XlibInt.c

Procedure name

_XSetLastRequestRead

EZYXW62I**Xlib: unexpected async reply (sequence number)!**

Explanation

An asynchronous reply has been received when None. was expected.

System action

The application continues.

Operator response

Data might have been lost, consider restarting the application.

System programmer response

None.

Module

XlibInt.c

Procedure name

_XAsyncReply

EZYXW6eI**Xlib: unexpected connection setup reply from server, type 'nbr'.**

Explanation

An unexpected reply has been received the server. This could be an unexpected authenticate reply.

System action

The application is ended.

Operator response

Verify that you are meeting the authentication requirements of the server you are connecting to. Try again.

System programmer response

None.

Module

OpenDis.c

Procedure name

XOpenDisplay

EZYXW63E	Could not initialize the PEX extension on the specified display.
-----------------	---

Explanation

The PEX server on the display could not be properly initialized.

System action

The application is ended.

Operator response

Verify that the PEX extension is active for the server.

System programmer response

None.

Module

PEX5/pl_startup.c

Procedure name

PEXInitialize

EZYXW64E	Could not allocate memory for PEXlib internal usage.
-----------------	---

Explanation

PEXlib could not allocate memory.

System action

The application is ended.

Operator response

Increase virtual memory size.

System programmer response

None.

Module

PEX5/pl_startup.c

Procedure name

PEXInitialize

EZYXW65E	Implicit call to PEXGetEnumTypeInfo by PEXInitialize failed.
-----------------	---

Explanation

PEXlib could not initialize properly.

System action

The application is ended.

Operator response

Verify that the PEX extension is active for the server.

System programmer response

None.

Module

PEX5/pl_startup.c

Procedure name

PEXInitialize

EZYXW66E	No floating point formats supported by server.
-----------------	---

Explanation

The PEX server extension does not support any floating point formats supported by the client.

System action

The application is ended.

Operator response

Use a server which supports the required floating point format.

System programmer response

None.

Module

PEX5/pl_startup.c

Procedure name

PEXInitialize

EZYXW67E**Could not get PEX extension information.****Explanation**

Information about the PEX server extension could not be obtained.

System action

The application is ended.

Operator response

Verify that the PEX server extension is active.

System programmer response

None.

Module

PEX5/pl_startup.c

Procedure name

PEXInitialize

EZYXW68E**Client speaks PEX num.num; Server speaks PEX num.num****Explanation**

Attempting to use incompatible PEX client and server.

System action

The application is ended.

Operator response

Verify that the correct PEX server extension is active.

System programmer response

None.

Module

PEX5/pl_startup.c

Procedure name

PEXInitialize

EZYXW69I**Opcode of failed output command: number. Number of output commands processed: number.**

Explanation

Displays the PEX opcode which failed.

System action

N/A

Operator response

None.

System programmer response

Correct the application and try again.

Module

PEX5/pl_startup.c

Procedure name

_PEXPrintOCError

Appendix A. Related protocol specifications

This appendix lists the related protocol specifications (RFCs) for TCP/IP. The Internet Protocol suite is still evolving through requests for comments (RFC). New protocols are being designed and implemented by researchers and are brought to the attention of the Internet community in the form of RFCs. Some of these protocols are so useful that they become recommended protocols. That is, all future implementations for TCP/IP are recommended to implement these particular functions or protocols. These become the *de facto* standards, on which the TCP/IP protocol suite is built.

RFCs are available at <http://www.rfc-editor.org/rfc.html>.

Draft RFCs that have been implemented in this and previous Communications Server releases are listed at the end of this topic.

Many features of TCP/IP Services are based on the following RFCs:

RFC

Title and Author

RFC 652

Telnet output carriage-return disposition option D. Crocker

RFC 653

Telnet output horizontal tabstops option D. Crocker

RFC 654

Telnet output horizontal tab disposition option D. Crocker

RFC 655

Telnet output formfeed disposition option D. Crocker

RFC 657

Telnet output vertical tab disposition option D. Crocker

RFC 658

Telnet output linefeed disposition D. Crocker

RFC 698

Telnet extended ASCII option T. Mock

RFC 726

Remote Controlled Transmission and Echoing Telnet option J. Postel, D. Crocker

RFC 727

Telnet logout option M.R. Crispin

RFC 732

Telnet Data Entry Terminal option J.D. Day

RFC 733

Standard for the format of ARPA network text messages D. Crocker, J. Vittal, K.T. Pogran, D.A. Henderson

RFC 734

SUPDUP Protocol M.R. Crispin

RFC 735

Revised Telnet byte macro option D. Crocker, R.H. Gumpertz

RFC 736

Telnet SUPDUP option M.R. Crispin

RFC 749

Telnet SUPDUP—Output option B. Greenberg

RFC 765

File Transfer Protocol specification J. Postel

- RFC 768**
User Datagram Protocol J. Postel
- RFC 779**
Telnet send-location option E. Killian
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Internet Protocol J. Postel
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Internet Control Message Protocol J. Postel
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Transmission Control Protocol J. Postel
- RFC 820**
Assigned numbers J. Postel
- RFC 823**
DARPA Internet gateway R. Hinden, A. Sheltzer
- RFC 826**
Ethernet Address Resolution Protocol: Or converting network protocol addresses to 48.bit Ethernet address for transmission on Ethernet hardware D. Plummer
- RFC 854**
Telnet Protocol Specification J. Postel, J. Reynolds
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Telnet Binary Transmission J. Postel, J. Reynolds
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Telnet Status Option J. Postel, J. Reynolds
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Character Generator Protocol J. Postel
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Quote of the Day Protocol J. Postel
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Time Protocol J. Postel, K. Harrenstien
- RFC 877**
Standard for the transmission of IP datagrams over public data networks J.T. Korb
- RFC 883**
Domain names: Implementation specification P.V. Mockapetris
- RFC 884**
Telnet terminal type option M. Solomon, E. Wimmers

- RFC 885**
Telnet end of record option J. Postel
- RFC 894**
Standard for the transmission of IP datagrams over Ethernet networks C. Hornig
- RFC 896**
Congestion control in IP/TCP internetworks J. Nagle
- RFC 903**
Reverse Address Resolution Protocol R. Finlayson, T. Mann, J. Mogul, M. Theimer
- RFC 904**
Exterior Gateway Protocol formal specification D. Mills
- RFC 919**
Broadcasting Internet Datagrams J. Mogul
- RFC 922**
Broadcasting Internet datagrams in the presence of subnets J. Mogul
- RFC 927**
TACACS user identification Telnet option B.A. Anderson
- RFC 933**
Output marking Telnet option S. Silverman
- RFC 946**
Telnet terminal location number option R. Nedved
- RFC 950**
Internet Standard Subnetting Procedure J. Mogul, J. Postel
- RFC 952**
DoD Internet host table specification K. Harrenstien, M. Stahl, E. Feinler
- RFC 959**
File Transfer Protocol J. Postel, J.K. Reynolds
- RFC 961**
Official ARPA-Internet protocols J.K. Reynolds, J. Postel
- RFC 974**
Mail routing and the domain system C. Partridge
- RFC 1001**
Protocol standard for a NetBIOS service on a TCP/UDP transport: Concepts and methods NetBios Working Group in the Defense Advanced Research Projects Agency, Internet Activities Board, End-to-End Services Task Force
- RFC 1002**
Protocol Standard for a NetBIOS service on a TCP/UDP transport: Detailed specifications NetBios Working Group in the Defense Advanced Research Projects Agency, Internet Activities Board, End-to-End Services Task Force
- RFC 1006**
ISO transport services on top of the TCP: Version 3 M.T. Rose, D.E. Cass
- RFC 1009**
Requirements for Internet gateways R. Braden, J. Postel
- RFC 1011**
Official Internet protocols J. Reynolds, J. Postel
- RFC 1013**
X Window System Protocol, version 11: Alpha update April 1987 R. Scheifler
- RFC 1014**
XDR: External Data Representation standard Sun Microsystems
- RFC 1027**
Using ARP to implement transparent subnet gateways S. Carl-Mitchell, J. Quarterman

- RFC 1032**
Domain administrators guide M. Stahl
- RFC 1033**
Domain administrators operations guide M. Lottor
- RFC 1034**
Domain names—concepts and facilities P.V. Mockapetris
- RFC 1035**
Domain names—implementation and specification P.V. Mockapetris
- RFC 1038**
Draft revised IP security option M. St. Johns
- RFC 1041**
Telnet 3270 regime option Y. Rekhter
- RFC 1042**
Standard for the transmission of IP datagrams over IEEE 802 networks J. Postel, J. Reynolds
- RFC 1043**
Telnet Data Entry Terminal option: DODIIS implementation A. Yasuda, T. Thompson
- RFC 1044**
Internet Protocol on Network System's HYPERchannel: Protocol specification K. Hardwick, J. Lekashman
- RFC 1053**
Telnet X.3 PAD option S. Levy, T. Jacobson
- RFC 1055**
Nonstandard for transmission of IP datagrams over serial lines: SLIP J. Romkey
- RFC 1057**
RPC: Remote Procedure Call Protocol Specification: Version 2 Sun Microsystems
- RFC 1058**
Routing Information Protocol C. Hedrick
- RFC 1060**
Assigned numbers J. Reynolds, J. Postel
- RFC 1067**
Simple Network Management Protocol J.D. Case, M. Fedor, M.L. Schoffstall, J. Davin
- RFC 1071**
Computing the Internet checksum R.T. Braden, D.A. Borman, C. Partridge
- RFC 1072**
TCP extensions for long-delay paths V. Jacobson, R.T. Braden
- RFC 1073**
Telnet window size option D. Waitzman
- RFC 1079**
Telnet terminal speed option C. Hedrick
- RFC 1085**
ISO presentation services on top of TCP/IP based internets M.T. Rose
- RFC 1091**
Telnet terminal-type option J. VanBokkelen
- RFC 1094**
NFS: Network File System Protocol specification Sun Microsystems
- RFC 1096**
Telnet X display location option G. Marcy
- RFC 1101**
DNS encoding of network names and other types P. Mockapetris

- RFC 1112**
Host extensions for IP multicasting S.E. Deering
- RFC 1113**
Privacy enhancement for Internet electronic mail: Part I — message encipherment and authentication procedures J. Linn
- RFC 1118**
Hitchhikers Guide to the Internet E. Krol
- RFC 1122**
Requirements for Internet Hosts—Communication Layers R. Braden, Ed.
- RFC 1123**
Requirements for Internet Hosts—Application and Support R. Braden, Ed.
- RFC 1146**
TCP alternate checksum options J. Zweig, C. Partridge
- RFC 1155**
Structure and identification of management information for TCP/IP-based internets M. Rose, K. McCloghrie
- RFC 1156**
Management Information Base for network management of TCP/IP-based internets K. McCloghrie, M. Rose
- RFC 1157**
Simple Network Management Protocol (SNMP) J. Case, M. Fedor, M. Schoffstall, J. Davin
- RFC 1158**
Management Information Base for network management of TCP/IP-based internets: MIB-II M. Rose
- RFC 1166**
Internet numbers S. Kirkpatrick, M.K. Stahl, M. Recker
- RFC 1179**
Line printer daemon protocol L. McLaughlin
- RFC 1180**
TCP/IP tutorial T. Socolofsky, C. Kale
- RFC 1183**
New DNS RR Definitions C.F. Everhart, L.A. Mamakos, R. Ullmann, P.V. Mockapetris
- RFC 1184**
Telnet Linemode Option D. Borman
- RFC 1186**
MD4 Message Digest Algorithm R.L. Rivest
- RFC 1187**
Bulk Table Retrieval with the SNMP M. Rose, K. McCloghrie, J. Davin
- RFC 1188**
Proposed Standard for the Transmission of IP Datagrams over FDDI Networks D. Katz
- RFC 1190**
Experimental Internet Stream Protocol: Version 2 (ST-II) C. Topolcic
- RFC 1191**
Path MTU discovery J. Mogul, S. Deering
- RFC 1198**
FYI on the X window system R. Scheifler
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FYI on Questions and Answers: Answers to commonly asked “experienced Internet user” questions G. Malkin, A. Marine, J. Reynolds
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Glossary of networking terms O. Jacobsen, D. Lynch

RFC 1213

Management Information Base for Network Management of TCP/IP-based internets: MIB-II K. McCloghrie, M.T. Rose

RFC 1215

Convention for defining traps for use with the SNMP M. Rose

RFC 1227

SNMP MUX protocol and MIB M.T. Rose

RFC 1228

SNMP-DPI: Simple Network Management Protocol Distributed Program Interface G. Carpenter, B. Wijnen

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Extensions to the generic-interface MIB K. McCloghrie

RFC 1230

IEEE 802.4 Token Bus MIB K. McCloghrie, R. Fox

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IEEE 802.5 Token Ring MIB K. McCloghrie, R. Fox, E. Decker

RFC 1236

IP to X.121 address mapping for DDN L. Morales, P. Hasse

RFC 1256

ICMP Router Discovery Messages S. Deering, Ed.

RFC 1267

Border Gateway Protocol 3 (BGP-3) K. Lougheed, Y. Rekhter

RFC 1268

Application of the Border Gateway Protocol in the Internet Y. Rekhter, P. Gross

RFC 1269

Definitions of Managed Objects for the Border Gateway Protocol: Version 3 S. Willis, J. Burruss

RFC 1270

SNMP Communications Services F. Kastenholz, ed.

RFC 1285

FDDI Management Information Base J. Case

RFC 1315

Management Information Base for Frame Relay DTEs C. Brown, F. Baker, C. Carvalho

RFC 1321

The MD5 Message-Digest Algorithm R. Rivest

RFC 1323

TCP Extensions for High Performance V. Jacobson, R. Braden, D. Borman

RFC 1325

FYI on Questions and Answers: Answers to Commonly Asked "New Internet User" Questions G. Malkin, A. Marine

RFC 1327

Mapping between X.400 (1988)/ISO 10021 and RFC 822 S. Hardcastle-Kille

RFC 1340

Assigned Numbers J. Reynolds, J. Postel

RFC 1344

Implications of MIME for Internet Mail Gateways N. Bornstein

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Type of Service in the Internet Protocol Suite P. Almquist

RFC 1351

SNMP Administrative Model J. Davin, J. Galvin, K. McCloghrie

- RFC 1352**
SNMP Security Protocols J. Galvin, K. McCloghrie, J. Davin
- RFC 1353**
Definitions of Managed Objects for Administration of SNMP Parties K. McCloghrie, J. Davin, J. Galvin
- RFC 1354**
IP Forwarding Table MIB F. Baker
- RFC 1356**
Multiprotocol Interconnect[®] on X.25 and ISDN in the Packet Mode A. Malis, D. Robinson, R. Ullmann
- RFC 1358**
Charter of the Internet Architecture Board (IAB) L. Chapin
- RFC 1363**
A Proposed Flow Specification C. Partridge
- RFC 1368**
Definition of Managed Objects for IEEE 802.3 Repeater Devices D. McMaster, K. McCloghrie
- RFC 1372**
Telnet Remote Flow Control Option C. L. Hedrick, D. Borman
- RFC 1374**
IP and ARP on HIPPI J. Renwick, A. Nicholson
- RFC 1381**
SNMP MIB Extension for X.25 LAPB D. Throop, F. Baker
- RFC 1382**
SNMP MIB Extension for the X.25 Packet Layer D. Throop
- RFC 1387**
RIP Version 2 Protocol Analysis G. Malkin
- RFC 1388**
RIP Version 2 Carrying Additional Information G. Malkin
- RFC 1389**
RIP Version 2 MIB Extensions G. Malkin, F. Baker
- RFC 1390**
Transmission of IP and ARP over FDDI Networks D. Katz
- RFC 1393**
Traceroute Using an IP Option G. Malkin
- RFC 1398**
Definitions of Managed Objects for the Ethernet-Like Interface Types F. Kastenholtz
- RFC 1408**
Telnet Environment Option D. Borman, Ed.
- RFC 1413**
Identification Protocol M. St. Johns
- RFC 1416**
Telnet Authentication Option D. Borman, ed.
- RFC 1420**
SNMP over IPX S. Bostock
- RFC 1428**
Transition of Internet Mail from Just-Send-8 to 8bit-SMTP/MIME G. Vaudreuil
- RFC 1442**
Structure of Management Information for version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser
- RFC 1443**
Textual Conventions for version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1445

Administrative Model for version 2 of the Simple Network Management Protocol (SNMPv2) J. Galvin, K. McCloghrie

RFC 1447

Party MIB for version 2 of the Simple Network Management Protocol (SNMPv2) K. McCloghrie, J. Galvin

RFC 1448

Protocol Operations for version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1464

Using the Domain Name System to Store Arbitrary String Attributes R. Rosenbaum

RFC 1469

IP Multicast over Token-Ring Local Area Networks T. Pusateri

RFC 1483

Multiprotocol Encapsulation over ATM Adaptation Layer 5 Juha Heinanen

RFC 1514

Host Resources MIB P. Grillo, S. Waldbusser

RFC 1516

Definitions of Managed Objects for IEEE 802.3 Repeater Devices D. McMaster, K. McCloghrie

RFC 1521

MIME (Multipurpose Internet Mail Extensions) Part One: Mechanisms for Specifying and Describing the Format of Internet Message Bodies N. Borenstein, N. Freed

RFC 1535

A Security Problem and Proposed Correction With Widely Deployed DNS Software E. Gavron

RFC 1536

Common DNS Implementation Errors and Suggested Fixes A. Kumar, J. Postel, C. Neuman, P. Danzig, S. Miller

RFC 1537

Common DNS Data File Configuration Errors P. Beertema

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Internet Official Protocol Standards J. Postel

RFC 1571

Telnet Environment Option Interoperability Issues D. Borman

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Telnet Environment Option S. Alexander

RFC 1573

Evolution of the Interfaces Group of MIB-II K. McCloghrie, F. Kastenholz

RFC 1577

Classical IP and ARP over ATM M. Laubach

RFC 1583

OSPF Version 2 J. Moy

RFC 1591

Domain Name System Structure and Delegation J. Postel

RFC 1592

Simple Network Management Protocol Distributed Protocol Interface Version 2.0 B. Wijnen, G. Carpenter, K. Curran, A. Sehgal, G. Waters

RFC 1594

FYI on Questions and Answers—Answers to Commonly Asked "New Internet User" Questions A. Marine, J. Reynolds, G. Malkin

RFC 1644

T/TCP — TCP Extensions for Transactions Functional Specification R. Braden

- RFC 1646**
TN3270 Extensions for LName and Printer Selection C. Graves, T. Butts, M. Angel
- RFC 1647**
TN3270 Enhancements B. Kelly
- RFC 1652**
SMTP Service Extension for 8bit-MIMEtransport J. Klensin, N. Freed, M. Rose, E. Stefferud, D. Crocker
- RFC 1664**
Using the Internet DNS to Distribute RFC1327 Mail Address Mapping Tables C. Allochio, A. Bonito, B. Cole, S. Giordano, R. Hagens
- RFC 1693**
An Extension to TCP: Partial Order Service T. Connolly, P. Amer, P. Conrad
- RFC 1695**
Definitions of Managed Objects for ATM Management Version 8.0 using SMIPv2 M. Ahmed, K. Tesink
- RFC 1701**
Generic Routing Encapsulation (GRE) S. Hanks, T. Li, D. Farinacci, P. Traina
- RFC 1702**
Generic Routing Encapsulation over IPv4 networks S. Hanks, T. Li, D. Farinacci, P. Traina
- RFC 1706**
DNS NSAP Resource Records B. Manning, R. Colella
- RFC 1712**
DNS Encoding of Geographical Location C. Farrell, M. Schulze, S. Pleitner D. Baldoni
- RFC 1713**
Tools for DNS debugging A. Romao
- RFC 1723**
RIP Version 2—Carrying Additional Information G. Malkin
- RFC 1752**
The Recommendation for the IP Next Generation Protocol S. Bradner, A. Mankin
- RFC 1766**
Tags for the Identification of Languages H. Alvestrand
- RFC 1771**
A Border Gateway Protocol 4 (BGP-4) Y. Rekhter, T. Li
- RFC 1794**
DNS Support for Load Balancing T. Brisco
- RFC 1819**
Internet Stream Protocol Version 2 (ST2) Protocol Specification—Version ST2+ L. Delgrossi, L. Berger Eds.
- RFC 1826**
IP Authentication Header R. Atkinson
- RFC 1828**
IP Authentication using Keyed MD5 P. Metzger, W. Simpson
- RFC 1829**
The ESP DES-CBC Transform P. Karn, P. Metzger, W. Simpson
- RFC 1830**
SMTP Service Extensions for Transmission of Large and Binary MIME Messages G. Vaudreuil
- RFC 1831**
RPC: Remote Procedure Call Protocol Specification Version 2 R. Srinivasan
- RFC 1832**
XDR: External Data Representation Standard R. Srinivasan
- RFC 1833**
Binding Protocols for ONC RPC Version 2 R. Srinivasan

RFC 1850

OSPF Version 2 Management Information Base F. Baker, R. Coltun

RFC 1854

SMTP Service Extension for Command Pipelining N. Freed

RFC 1869

SMTP Service Extensions J. Klensin, N. Freed, M. Rose, E. Stefferud, D. Crocker

RFC 1870

SMTP Service Extension for Message Size Declaration J. Klensin, N. Freed, K. Moore

RFC 1876

A Means for Expressing Location Information in the Domain Name System C. Davis, P. Vixie, T. Goodwin, I. Dickinson

RFC 1883

Internet Protocol, Version 6 (IPv6) Specification S. Deering, R. Hinden

RFC 1884

IP Version 6 Addressing Architecture R. Hinden, S. Deering, Eds.

RFC 1886

DNS Extensions to support IP version 6 S. Thomson, C. Huitema

RFC 1888

OSI NSAPs and IPv6 J. Bound, B. Carpenter, D. Harrington, J. Houldsworth, A. Lloyd

RFC 1891

SMTP Service Extension for Delivery Status Notifications K. Moore

RFC 1892

The Multipart/Report Content Type for the Reporting of Mail System Administrative Messages G. Vaudreuil

RFC 1894

An Extensible Message Format for Delivery Status Notifications K. Moore, G. Vaudreuil

RFC 1901

Introduction to Community-based SNMPv2 J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1902

Structure of Management Information for Version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1903

Textual Conventions for Version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1904

Conformance Statements for Version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1905

Protocol Operations for Version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1906

Transport Mappings for Version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1907

Management Information Base for Version 2 of the Simple Network Management Protocol (SNMPv2) J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1908

Coexistence between Version 1 and Version 2 of the Internet-standard Network Management Framework J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1912

Common DNS Operational and Configuration Errors D. Barr

- RFC 1918**
Address Allocation for Private Internets Y. Rekhter, B. Moskowitz, D. Karrenberg, G.J. de Groot, E. Lear
- RFC 1928**
SOCKS Protocol Version 5 M. Leech, M. Ganis, Y. Lee, R. Kuris, D. Koblas, L. Jones
- RFC 1930**
Guidelines for creation, selection, and registration of an Autonomous System (AS) J. Hawkinson, T. Bates
- RFC 1939**
Post Office Protocol-Version 3 J. Myers, M. Rose
- RFC 1981**
Path MTU Discovery for IP version 6 J. McCann, S. Deering, J. Mogul
- RFC 1982**
Serial Number Arithmetic R. Elz, R. Bush
- RFC 1985**
SMTP Service Extension for Remote Message Queue Starting J. De Winter
- RFC 1995**
Incremental Zone Transfer in DNS M. Ohta
- RFC 1996**
A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY) P. Vixie
- RFC 2010**
Operational Criteria for Root Name Servers B. Manning, P. Vixie
- RFC 2011**
SNMPv2 Management Information Base for the Internet Protocol using SMIPv2 K. McCloghrie, Ed.
- RFC 2012**
SNMPv2 Management Information Base for the Transmission Control Protocol using SMIPv2 K. McCloghrie, Ed.
- RFC 2013**
SNMPv2 Management Information Base for the User Datagram Protocol using SMIPv2 K. McCloghrie, Ed.
- RFC 2018**
TCP Selective Acknowledgement Options M. Mathis, J. Mahdavi, S. Floyd, A. Romanow
- RFC 2026**
The Internet Standards Process — Revision 3 S. Bradner
- RFC 2030**
Simple Network Time Protocol (SNTP) Version 4 for IPv4, IPv6 and OSI D. Mills
- RFC 2033**
Local Mail Transfer Protocol J. Myers
- RFC 2034**
SMTP Service Extension for Returning Enhanced Error Codes N. Freed
- RFC 2040**
The RC5, RC5-CBC, RC5-CBC-Pad, and RC5-CTS Algorithms R. Baldwin, R. Rivest
- RFC 2045**
Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies N. Freed, N. Borenstein
- RFC 2052**
A DNS RR for specifying the location of services (DNS SRV) A. Gulbrandsen, P. Vixie
- RFC 2065**
Domain Name System Security Extensions D. Eastlake 3rd, C. Kaufman
- RFC 2066**
TELNET CHARSET Option R. Gellens

RFC 2080

RIPng for IPv6 G. Malkin, R. Minnear

RFC 2096

IP Forwarding Table MIB F. Baker

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HMAC: Keyed-Hashing for Message Authentication H. Krawczyk, M. Bellare, R. Canetti

RFC 2119

Keywords for use in RFCs to Indicate Requirement Levels S. Bradner

RFC 2133

Basic Socket Interface Extensions for IPv6 R. Gilligan, S. Thomson, J. Bound, W. Stevens

RFC 2136

Dynamic Updates in the Domain Name System (DNS UPDATE) P. Vixie, Ed., S. Thomson, Y. Rekhter, J. Bound

RFC 2137

Secure Domain Name System Dynamic Update D. Eastlake 3rd

RFC 2163

Using the Internet DNS to Distribute MIXER Conformant Global Address Mapping (MCGAM) C. Allocchio

RFC 2168

Resolution of Uniform Resource Identifiers using the Domain Name System R. Daniel, M. Mealling

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OSPF Version 2 J. Moy

RFC 2181

Clarifications to the DNS Specification R. Elz, R. Bush

RFC 2205

Resource ReSerVation Protocol (RSVP)—Version 1 Functional Specification R. Braden, Ed., L. Zhang, S. Berson, S. Herzog, S. Jamin

RFC 2210

The Use of RSVP with IETF Integrated Services J. Wroclawski

RFC 2211

Specification of the Controlled-Load Network Element Service J. Wroclawski

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Specification of Guaranteed Quality of Service S. Shenker, C. Partridge, R. Guerin

RFC 2215

General Characterization Parameters for Integrated Service Network Elements S. Shenker, J. Wroclawski

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Telnet Com Port Control Option G. Clarke

RFC 2219

Use of DNS Aliases for Network Services M. Hamilton, R. Wright

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FTP Security Extensions M. Horowitz, S. Lunt

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Key Exchange Delegation Record for the DNS R. Atkinson

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The Interfaces Group MIB using SMIV2 K. McCloghrie, F. Kastenholz

RFC 2240

A Legal Basis for Domain Name Allocation O. Vaughn

RFC 2246

The TLS Protocol Version 1.0 T. Dierks, C. Allen

RFC 2251

Lightweight Directory Access Protocol (v3) M. Wahl, T. Howes, S. Kille

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Lightweight Directory Access Protocol (v3): UTF-8 String Representation of Distinguished Names M. Wahl, S. Kille, T. Howes

RFC 2254

The String Representation of LDAP Search Filters T. Howes

RFC 2261

An Architecture for Describing SNMP Management Frameworks D. Harrington, R. Presuhn, B. Wijnen

RFC 2262

Message Processing and Dispatching for the Simple Network Management Protocol (SNMP) J. Case, D. Harrington, R. Presuhn, B. Wijnen

RFC 2271

An Architecture for Describing SNMP Management Frameworks D. Harrington, R. Presuhn, B. Wijnen

RFC 2273

SNMPv3 Applications D. Levi, P. Meyer, B. Stewartz

RFC 2274

User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3) U. Blumenthal, B. Wijnen

RFC 2275

View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP) B. Wijnen, R. Presuhn, K. McCloghrie

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UTF-8, a transformation format of ISO 10646 F. Yergeau

RFC 2292

Advanced Sockets API for IPv6 W. Stevens, M. Thomas

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Negative Caching of DNS Queries (DNS NCACHE) M. Andrews

RFC 2317

Classless IN-ADDR.ARPA delegation H. Eidnes, G. de Groot, P. Vixie

RFC 2320

Definitions of Managed Objects for Classical IP and ARP Over ATM Using SMIPv2 (IPOA-MIB) M. Greene, J. Luciani, K. White, T. Kuo

RFC 2328

OSPF Version 2 J. Moy

RFC 2345

Domain Names and Company Name Retrieval J. Klensin, T. Wolf, G. Oglesby

RFC 2352

A Convention for Using Legal Names as Domain Names O. Vaughn

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TN3270 Enhancements B. Kelly

RFC 2358

Definitions of Managed Objects for the Ethernet-like Interface Types J. Flick, J. Johnson

RFC 2373

IP Version 6 Addressing Architecture R. Hinden, S. Deering

RFC 2374

An IPv6 Aggregatable Global Unicast Address Format R. Hinden, M. O'Dell, S. Deering

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IPv6 Multicast Address Assignments R. Hinden, S. Deering

RFC 2385

Protection of BGP Sessions via the TCP MD5 Signature Option A. Hefferman

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Feature negotiation mechanism for the File Transfer Protocol P. Hethmon, R. Elz

RFC 2401

Security Architecture for Internet Protocol S. Kent, R. Atkinson

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IP Authentication Header S. Kent, R. Atkinson

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The Use of HMAC-MD5-96 within ESP and AH C. Madson, R. Glenn

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The Use of HMAC-SHA-1-96 within ESP and AH C. Madson, R. Glenn

RFC 2405

The ESP DES-CBC Cipher Algorithm With Explicit IV C. Madson, N. Doraswamy

RFC 2406

IP Encapsulating Security Payload (ESP) S. Kent, R. Atkinson

RFC 2407

The Internet IP Security Domain of Interpretation for ISAKMPD Piper

RFC 2408

Internet Security Association and Key Management Protocol (ISAKMP) D. Maughan, M. Schertler, M. Schneider, J. Turner

RFC 2409

The Internet Key Exchange (IKE) D. Harkins, D. Carrel

RFC 2410

The NULL Encryption Algorithm and Its Use With IPsec R. Glenn, S. Kent,

RFC 2428

FTP Extensions for IPv6 and NATs M. Allman, S. Ostermann, C. Metz

RFC 2445

Internet Calendaring and Scheduling Core Object Specification (iCalendar) F. Dawson, D. Stenerson

RFC 2459

Internet X.509 Public Key Infrastructure Certificate and CRL Profile R. Housley, W. Ford, W. Polk, D. Solo

RFC 2460

Internet Protocol, Version 6 (IPv6) Specification S. Deering, R. Hinden

RFC 2461

Neighbor Discovery for IP Version 6 (IPv6) T. Narten, E. Nordmark, W. Simpson

RFC 2462

IPv6 Stateless Address Autoconfiguration S. Thomson, T. Narten

RFC 2463

Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification A. Conta, S. Deering

RFC 2464

Transmission of IPv6 Packets over Ethernet Networks M. Crawford

RFC 2466

Management Information Base for IP Version 6: ICMPv6 Group D. Haskin, S. Onishi

RFC 2476

Message Submission R. Gellens, J. Klensin

RFC 2487

SMTP Service Extension for Secure SMTP over TLS P. Hoffman

RFC 2505

Anti-Spam Recommendations for SMTP MTAs G. Lindberg

- RFC 2523**
Photuris: Extended Schemes and Attributes P. Karn, W. Simpson
- RFC 2535**
Domain Name System Security Extensions D. Eastlake 3rd
- RFC 2538**
Storing Certificates in the Domain Name System (DNS) D. Eastlake 3rd, O. Gudmundsson
- RFC 2539**
Storage of Diffie-Hellman Keys in the Domain Name System (DNS) D. Eastlake 3rd
- RFC 2540**
Detached Domain Name System (DNS) Information D. Eastlake 3rd
- RFC 2554**
SMTP Service Extension for Authentication J. Myers
- RFC 2570**
Introduction to Version 3 of the Internet-standard Network Management Framework J. Case, R. Mundy, D. Partain, B. Stewart
- RFC 2571**
An Architecture for Describing SNMP Management Frameworks B. Wijnen, D. Harrington, R. Presuhn
- RFC 2572**
Message Processing and Dispatching for the Simple Network Management Protocol (SNMP) J. Case, D. Harrington, R. Presuhn, B. Wijnen
- RFC 2573**
SNMP Applications D. Levi, P. Meyer, B. Stewart
- RFC 2574**
User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3) U. Blumenthal, B. Wijnen
- RFC 2575**
View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP) B. Wijnen, R. Presuhn, K. McCloghrie
- RFC 2576**
Co-Existence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework R. Frye, D. Levi, S. Routhier, B. Wijnen
- RFC 2578**
Structure of Management Information Version 2 (SMIv2) K. McCloghrie, D. Perkins, J. Schoenwaelder
- RFC 2579**
Textual Conventions for SMIv2 K. McCloghrie, D. Perkins, J. Schoenwaelder
- RFC 2580**
Conformance Statements for SMIv2 K. McCloghrie, D. Perkins, J. Schoenwaelder
- RFC 2581**
TCP Congestion Control M. Allman, V. Paxson, W. Stevens
- RFC 2583**
Guidelines for Next Hop Client (NHC) Developers R. Carlson, L. Winkler
- RFC 2591**
Definitions of Managed Objects for Scheduling Management Operations D. Levi, J. Schoenwaelder
- RFC 2625**
IP and ARP over Fibre Channel M. Rajagopal, R. Bhagwat, W. Rickard
- RFC 2635**
Don't SPEW A Set of Guidelines for Mass Unsolicited Mailings and Postings (spam)* S. Hambridge, A. Lunde
- RFC 2637**
Point-to-Point Tunneling Protocol K. Hamzeh, G. Pall, W. Verthein, J. Taarud, W. Little, G. Zorn

- RFC 2640**
Internationalization of the File Transfer Protocol B. Curtin
- RFC 2665**
Definitions of Managed Objects for the Ethernet-like Interface Types J. Flick, J. Johnson
- RFC 2671**
Extension Mechanisms for DNS (EDNS0) P. Vixie
- RFC 2672**
Non-Terminal DNS Name Redirection M. Crawford
- RFC 2675**
IPv6 Jumbograms D. Borman, S. Deering, R. Hinden
- RFC 2710**
Multicast Listener Discovery (MLD) for IPv6 S. Deering, W. Fenner, B. Haberman
- RFC 2711**
IPv6 Router Alert Option C. Partridge, A. Jackson
- RFC 2740**
OSPF for IPv6 R. Coltun, D. Ferguson, J. Moy
- RFC 2753**
A Framework for Policy-based Admission Control R. Yavatkar, D. Pendarakis, R. Guerin
- RFC 2782**
A DNS RR for specifying the location of services (DNS SRV) A. Gubrandsen, P. Vixie, L. Esibov
- RFC 2821**
Simple Mail Transfer Protocol J. Klensin, Ed.
- RFC 2822**
Internet Message Format P. Resnick, Ed.
- RFC 2840**
TELNET KERMIT OPTION J. Altman, F. da Cruz
- RFC 2845**
Secret Key Transaction Authentication for DNS (TSIG) P. Vixie, O. Gudmundsson, D. Eastlake 3rd, B. Wellington
- RFC 2851**
Textual Conventions for Internet Network Addresses M. Daniele, B. Haberman, S. Routhier, J. Schoenwaelder
- RFC 2852**
Deliver By SMTP Service Extension D. Newman
- RFC 2874**
DNS Extensions to Support IPv6 Address Aggregation and Renumbering M. Crawford, C. Huitema
- RFC 2915**
The Naming Authority Pointer (NAPTR) DNS Resource Record M. Mealling, R. Daniel
- RFC 2920**
SMTP Service Extension for Command Pipelining N. Freed
- RFC 2930**
Secret Key Establishment for DNS (TKEY RR) D. Eastlake, 3rd
- RFC 2941**
Telnet Authentication Option T. Ts'o, ed., J. Altman
- RFC 2942**
Telnet Authentication: Kerberos Version 5 T. Ts'o
- RFC 2946**
Telnet Data Encryption Option T. Ts'o
- RFC 2952**
Telnet Encryption: DES 64 bit Cipher Feedback T. Ts'o

RFC 2953

Telnet Encryption: DES 64 bit Output Feedback T. Ts'o

RFC 2992

Analysis of an Equal-Cost Multi-Path Algorithm C. Hopps

RFC 3019

IP Version 6 Management Information Base for The Multicast Listener Discovery Protocol B. Haberman, R. Worzella

RFC 3060

Policy Core Information Model—Version 1 Specification B. Moore, E. Ellessen, J. Strassner, A. Westerinen

RFC 3152

Delegation of IP6.ARPA R. Bush

RFC 3164

The BSD Syslog Protocol C. Lonvick

RFC 3207

SMTP Service Extension for Secure SMTP over Transport Layer Security P. Hoffman

RFC 3226

DNSSEC and IPv6 A6 aware server/resolver message size requirements O. Gudmundsson

RFC 3291

Textual Conventions for Internet Network Addresses M. Daniele, B. Haberman, S. Routhier, J. Schoenwaelder

RFC 3363

Representing Internet Protocol version 6 (IPv6) Addresses in the Domain Name System R. Bush, A. Durand, B. Fink, O. Gudmundsson, T. Hain

RFC 3376

Internet Group Management Protocol, Version 3 B. Cain, S. Deering, I. Kouvelas, B. Fenner, A. Thyagarajan

RFC 3390

Increasing TCP's Initial Window M. Allman, S. Floyd, C. Partridge

RFC 3410

Introduction and Applicability Statements for Internet-Standard Management Framework J. Case, R. Mundy, D. Partain, B. Stewart

RFC 3411

An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks D. Harrington, R. Presuhn, B. Wijnen

RFC 3412

Message Processing and Dispatching for the Simple Network Management Protocol (SNMP) J. Case, D. Harrington, R. Presuhn, B. Wijnen

RFC 3413

Simple Network Management Protocol (SNMP) Applications D. Levi, P. Meyer, B. Stewart

RFC 3414

User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3) U. Blumenthal, B. Wijnen

RFC 3415

View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP) B. Wijnen, R. Presuhn, K. McCloghrie

RFC 3416

Version 2 of the Protocol Operations for the Simple Network Management Protocol (SNMP) R. Presuhn, J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 3417

Transport Mappings for the Simple Network Management Protocol (SNMP) R. Presuhn, J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 3418

Management Information Base (MIB) for the Simple Network Management Protocol (SNMP) R. Presuhn, J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 3419

Textual Conventions for Transport Addresses M. Daniele, J. Schoenwaelder

RFC 3484

Default Address Selection for Internet Protocol version 6 (IPv6) R. Draves

RFC 3493

Basic Socket Interface Extensions for IPv6 R. Gilligan, S. Thomson, J. Bound, J. McCann, W. Stevens

RFC 3513

Internet Protocol Version 6 (IPv6) Addressing Architecture R. Hinden, S. Deering

RFC 3526

More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE) T. Kivinen, M. Kojo

RFC 3542

Advanced Sockets Application Programming Interface (API) for IPv6 W. Richard Stevens, M. Thomas, E. Nordmark, T. Jinmei

RFC 3566

The AES-XCBC-MAC-96 Algorithm and Its Use With IPsec S. Frankel, H. Herbert

RFC 3569

An Overview of Source-Specific Multicast (SSM) S. Bhattacharyya, Ed.

RFC 3584

Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework R. Frye, D. Levi, S. Routhier, B. Wijnen

RFC 3602

The AES-CBC Cipher Algorithm and Its Use with IPsec S. Frankel, R. Glenn, S. Kelly

RFC 3629

UTF-8, a transformation format of ISO 10646 R. Kermode, C. Vicisano

RFC 3658

Delegation Signer (DS) Resource Record (RR) O. Gudmundsson

RFC 3678

Socket Interface Extensions for Multicast Source Filters D. Thaler, B. Fenner, B. Quinn

RFC 3715

IPsec-Network Address Translation (NAT) Compatibility Requirements B. Aboba, W. Dixon

RFC 3810

Multicast Listener Discovery Version 2 (MLDv2) for IPv6 R. Vida, Ed., L. Costa, Ed.

RFC 3826

The Advanced Encryption Standard (AES) Cipher Algorithm in the SNMP User-based Security Model U. Blumenthal, F. Maino, K. McCloghrie.

RFC 3947

Negotiation of NAT-Traversal in the IKE T. Kivinen, B. Swander, A. Huttunen, V. Volpe

RFC 3948

UDP Encapsulation of IPsec ESP Packets A. Huttunen, B. Swander, V. Volpe, L. DiBurro, M. Stenberg

RFC 4001

Textual Conventions for Internet Network Addresses M. Daniele, B. Haberman, S. Routhier, J. Schoenwaelder

RFC 4007

IPv6 Scoped Address Architecture S. Deering, B. Haberman, T. Jinmei, E. Nordmark, B. Zill

- RFC 4022**
Management Information Base for the Transmission Control Protocol (TCP) R. Raghunarayan
- RFC 4106**
The Use of Galois/Counter Mode (GCM) in IPsec Encapsulating Security Payload (ESP) J. Viega, D. McGrew
- RFC 4109**
Algorithms for Internet Key Exchange version 1 (IKEv1) P. Hoffman
- RFC 4113**
Management Information Base for the User Datagram Protocol (UDP) B. Fenner, J. Flick
- RFC 4191**
Default Router Preferences and More-Specific Routes R. Draves, D. Thaler
- RFC 4217**
Securing FTP with TLS P. Ford-Hutchinson
- RFC 4292**
IP Forwarding Table MIB B. Haberman
- RFC 4293**
Management Information Base for the Internet Protocol (IP) S. Routhier
- RFC 4301**
Security Architecture for the Internet Protocol S. Kent, K. Seo
- RFC 4302**
IP Authentication Header S. Kent
- RFC 4303**
IP Encapsulating Security Payload (ESP) S. Kent
- RFC 4304**
Extended Sequence Number (ESN) Addendum to IPsec Domain of Interpretation (DOI) for Internet Security Association and Key Management Protocol (ISAKMP) S. Kent
- RFC 4307**
Cryptographic Algorithms for Use in the Internet Key Exchange Version 2 (IKEv2) J. Schiller
- RFC 4308**
Cryptographic Suites for IPsec P. Hoffman
- RFC 4434**
The AES-XCBC-PRF-128 Algorithm for the Internet Key Exchange Protocol P. Hoffman
- RFC 4443**
Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification A. Conta, S. Deering
- RFC 4552**
Authentication/Confidentiality for OSPFv3 M. Gupta, N. Melam
- RFC 4678**
Server/Application State Protocol v1 A. Bivens
- RFC 4753**
ECP Groups for IKE and IKEv2 D. Fu, J. Solinas
- RFC 4754**
IKE and IKEv2 Authentication Using the Elliptic Curve Digital Signature Algorithm (ECDSA) D. Fu, J. Solinas
- RFC 4809**
Requirements for an IPsec Certificate Management Profile C. Bonatti, Ed., S. Turner, Ed., G. Lebovitz, Ed.
- RFC 4835**
Cryptographic Algorithm Implementation Requirements for Encapsulating Security Payload (ESP) and Authentication Header (AH) V. Manral

RFC 4862

IPv6 Stateless Address Autoconfiguration S. Thomson, T. Narten, T. Jinmei

RFC 4868

Using HMAC-SHA-256, HMAC-SHA-384, and HMAC-SHA-512 with IPsec S. Kelly, S. Frankel

RFC 4869

Suite B Cryptographic Suites for IPsec L. Law, J. Solinas

RFC 4941

Privacy Extensions for Stateless Address Autoconfiguration in IPv6 T. Narten, R. Draves, S. Krishnan

RFC 4945

The Internet IP Security PKI Profile of IKEv1/ISAKMP, IKEv2, and PKIX B. Korver

RFC 5014

IPv6 Socket API for Source Address Selection E. Nordmark, S. Chakrabarti, J. Laganier

RFC 5095

Deprecation of Type 0 Routing Headers in IPv6 J. Abley, P. Savola, G. Neville-Neil

RFC 5175

IPv6 Router Advertisement Flags Option B. Haberman, Ed., R. Hinden

RFC 5282

Using Authenticated Encryption Algorithms with the Encrypted Payload of the Internet Key Exchange version 2 (IKEv2) Protocol D. Black, D. McGrew

RFC 5996

Internet Key Exchange Protocol Version 2 (IKEv2) C. Kaufman, P. Hoffman, Y. Nir, P. Eronen

RFC 7627

Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension K. Bhargavan, A. Delignat-Lavaud, A. Pironti, Inria Paris-Rocquencourt, A. Langley, M. Ray

RFC 8446

The Transport Layer Security (TLS) Protocol Version 1.3 E. Rescorla

Internet drafts

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z/OS Communications Server information

z/OS Communications Server product information is grouped by task in the following tables.

Planning

Title	Number	Description
z/OS Communications Server: New Function Summary	GC27-3664	This document is intended to help you plan for new IP or SNA functions, whether you are migrating from a previous version or installing z/OS for the first time. It summarizes what is new in the release and identifies the suggested and required modifications needed to use the enhanced functions.
z/OS Communications Server: IPv6 Network and Appl Design Guide	SC27-3663	This document is a high-level introduction to IPv6. It describes concepts of z/OS Communications Server's support of IPv6, coexistence with IPv4, and migration issues.

Resource definition, configuration, and tuning

Title	Number	Description
z/OS Communications Server: IP Configuration Guide	SC27-3650	This document describes the major concepts involved in understanding and configuring an IP network. Familiarity with the z/OS operating system, IP protocols, z/OS UNIX System Services, and IBM Time Sharing Option (TSO) is recommended. Use this document with the z/OS Communications Server: IP Configuration Reference .

Title	Number	Description
z/OS Communications Server: IP Configuration Reference	SC27-3651	This document presents information for people who want to administer and maintain IP. Use this document with the z/OS Communications Server: IP Configuration Guide . The information in this document includes: <ul style="list-style-type: none"> • TCP/IP configuration data sets • Configuration statements • Translation tables • Protocol number and port assignments
z/OS Communications Server: SNA Network Implementation Guide	SC27-3672	This document presents the major concepts involved in implementing an SNA network. Use this document with the z/OS Communications Server: SNA Resource Definition Reference .
z/OS Communications Server: SNA Resource Definition Reference	SC27-3675	This document describes each SNA definition statement, start option, and macroinstruction for user tables. It also describes NCP definition statements that affect SNA. Use this document with the z/OS Communications Server: SNA Network Implementation Guide .
z/OS Communications Server: SNA Resource Definition Samples	SC27-3676	This document contains sample definitions to help you implement SNA functions in your networks, and includes sample major node definitions.
z/OS Communications Server: IP Network Print Facility	SC27-3658	This document is for systems programmers and network administrators who need to prepare their network to route SNA, JES2, or JES3 printer output to remote printers using TCP/IP Services.

Operation

Title	Number	Description
z/OS Communications Server: IP User's Guide and Commands	SC27-3662	This document describes how to use TCP/IP applications. It contains requests with which a user can log on to a remote host using Telnet, transfer data sets using FTP, send electronic mail, print on remote printers, and authenticate network users.
z/OS Communications Server: IP System Administrator's Commands	SC27-3661	This document describes the functions and commands helpful in configuring or monitoring your system. It contains system administrator's commands, such as TSO NETSTAT, PING, TRACERTE and their UNIX counterparts. It also includes TSO and MVS commands commonly used during the IP configuration process.
z/OS Communications Server: SNA Operation	SC27-3673	This document serves as a reference for programmers and operators requiring detailed information about specific operator commands.
z/OS Communications Server: Quick Reference	SC27-3665	This document contains essential information about SNA and IP commands.

Customization

Title	Number	Description
z/OS Communications Server: SNA Customization	SC27-3666	<p>This document enables you to customize SNA, and includes the following information:</p> <ul style="list-style-type: none"> • Communication network management (CNM) routing table • Logon-interpret routine requirements • Logon manager installation-wide exit routine for the CLU search exit • TSO/SNA installation-wide exit routines • SNA installation-wide exit routines

Writing application programs

Title	Number	Description
z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference	SC27-3660	This document describes the syntax and semantics of program source code necessary to write your own application programming interface (API) into TCP/IP. You can use this interface as the communication base for writing your own client or server application. You can also use this document to adapt your existing applications to communicate with each other using sockets over TCP/IP.
z/OS Communications Server: IP CICS Sockets Guide	SC27-3649	This document is for programmers who want to set up, write application programs for, and diagnose problems with the socket interface for CICS using z/OS TCP/IP.
z/OS Communications Server: IP IMS Sockets Guide	SC27-3653	This document is for programmers who want application programs that use the IMS TCP/IP application development services provided by the TCP/IP Services of IBM.
z/OS Communications Server: IP Programmer's Guide and Reference	SC27-3659	This document describes the syntax and semantics of a set of high-level application functions that you can use to program your own applications in a TCP/IP environment. These functions provide support for application facilities, such as user authentication, distributed databases, distributed processing, network management, and device sharing. Familiarity with the z/OS operating system, TCP/IP protocols, and IBM Time Sharing Option (TSO) is recommended.
z/OS Communications Server: SNA Programming	SC27-3674	This document describes how to use SNA macroinstructions to send data to and receive data from (1) a terminal in either the same or a different domain, or (2) another application program in either the same or a different domain.
z/OS Communications Server: SNA Programmer's LU 6.2 Guide	SC27-3669	This document describes how to use the SNA LU 6.2 application programming interface for host application programs. This document applies to programs that use only LU 6.2 sessions or that use LU 6.2 sessions along with other session types. (Only LU 6.2 sessions are covered in this document.)
z/OS Communications Server: SNA Programmer's LU 6.2 Reference	SC27-3670	This document provides reference material for the SNA LU 6.2 programming interface for host application programs.

Title	Number	Description
z/OS Communications Server: CSM Guide	SC27-3647	This document describes how applications use the communications storage manager.

Diagnosis

Title	Number	Description
z/OS Communications Server: IP Diagnosis Guide	GC27-3652	This document explains how to diagnose TCP/IP problems and how to determine whether a specific problem is in the TCP/IP product code. It explains how to gather information for and describe problems to the IBM Software Support Center.
z/OS Communications Server: ACF/TAP Trace Analysis Handbook	GC27-3645	This document explains how to gather the trace data that is collected and stored in the host processor. It also explains how to use the Advanced Communications Function/Trace Analysis Program (ACF/TAP) service aid to produce reports for analyzing the trace data information.
z/OS Communications Server: SNA Diagnosis Vol 1, Techniques and Procedures and z/OS Communications Server: SNA Diagnosis Vol 2, FFST Dumps and the VIT	GC27-3667 GC27-3668	These documents help you identify an SNA problem, classify it, and collect information about it before you call the IBM Support Center. The information collected includes traces, dumps, and other problem documentation.
z/OS Communications Server: SNA Data Areas Volume 1 and z/OS Communications Server: SNA Data Areas Volume 2	GC31-6852 GC31-6853	These documents describe SNA data areas and can be used to read an SNA dump. They are intended for IBM programming service representatives and customer personnel who are diagnosing problems with SNA.

Messages and codes

Title	Number	Description
z/OS Communications Server: SNA Messages	SC27-3671	This document describes the ELM, IKT, IST, IUT, IVT, and USS messages. Other information in this document includes: <ul style="list-style-type: none"> • Command and RU types in SNA messages • Node and ID types in SNA messages • Supplemental message-related information
z/OS Communications Server: IP Messages Volume 1 (EZA)	SC27-3654	This volume contains TCP/IP messages beginning with EZA.
z/OS Communications Server: IP Messages Volume 2 (EZB, EZD)	SC27-3655	This volume contains TCP/IP messages beginning with EZB or EZD.
z/OS Communications Server: IP Messages Volume 3 (EZY)	SC27-3656	This volume contains TCP/IP messages beginning with EZY.
z/OS Communications Server: IP Messages Volume 4 (EZZ, SNM)	SC27-3657	This volume contains TCP/IP messages beginning with EZZ and SNM.
z/OS Communications Server: IP and SNA Codes	SC27-3648	This document describes codes and other information that appear in z/OS Communications Server messages.



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