

**Tivoli Data Exchange
Version 1.2.5**

Messages and Codes

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About This Guide

The *Tivoli Data Exchange Messages and Codes* guide lists and describes the error messages generated by Tivoli Data Exchange (TDE). It also describes the actions required to solve the problem that produced the error message.

This chapter describes the information in this manual and the conventions used to present the information. It contains the following sections:

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How This Guide Is Organized	10
Contacting Customer Support	10
Where to Look for More Information	11
Conventions	11

Assumptions

This guide assumes that MQSeries and TDE. have been installed and configured according to the appropriate directions.

About This Guide

Who Should Read This Document

Who Should Read This Document

This guide is intended for the following groups:

- Developers using TDE to design file-transfer solutions
- Users performing TDE solutions
- TDE administrators
- MQSeries administrators
- System administrators for the machine on which TDE is running

How This Guide Is Organized

The following table lists and describes the parts and chapters in this manual.

Chapter	Title	Purpose
1	About This Guide	Describes this manual and its contents.
2	Messages and Codes	Lists and describes the TDE messages and codes and lists corrective actions for solving the conditions that caused the code's generation.

Contacting Customer Support

We are very interested in hearing from you about your experience with Tivoli products and documentation. We welcome your suggestions for improvements. If you have comments or suggestions about this documentation, please send e-mail to *usib2hpd@vnet.ibm.com*.

If you encounter difficulties with Tivoli products, contact Tivoli Customer Support. In the United States, the Tivoli number is 1-800-TIVOLI8 and the IBM number is 1-800-237-5511 (press or say **8** after you reach this number). Both of these numbers direct your call to the Tivoli Customer Support call center. In addition, you can enter *<http://www.tivoli.com/support>* to view the Tivoli Customer Support home page.

After you link to and submit the customer registration form, you will be able to access many customer support services on the Web. For support services outside the United States and Puerto Rico, contact your local IBM representative or your authorized IBM supplier.

Where to Look for More Information

Information about MQSeries issues is available in the MQSeries documentation. The IBM corporate website includes a web page that lists the MQSeries manuals and allows you access to an online version of each manual. At publication time, this page's URL was: <http://www.software.ibm.com/ts/mqseries/library/manuals>.

The TDE documentation—manuals and readmes—is available in PDF format for viewing and printing at <http://www.commercequest.com/documentation>.

Conventions

The following elements are used in this guide to make it easier to use:

Note:

Notes provide additional information about the current subject.

Warning:

Warnings alert you to situations that can cause problems, such as the loss of data, if you do not carefully follow instructions.

Sidebar

Sidebar contains information that does not fit specifically with the flow of the current topic, but is important to the topic. Sidebars are usually a short topic.

All `syntax`, `operating system terms`, and `literal examples` are presented in this typeface.

Italics in a command string signify variables.

Text enclosed in angle brackets (<>) contains variable information. Replace the variable information with the actual value.

About This Guide

Conventions

The word *select* is used in text in the context of carrying out a series of menu choices to invoke some function.

Messages and Codes

This chapter lists and describes Tivoli Data Exchange (TDE) messages and codes and lists corrective actions for solving the conditions listed in each code. For each code, it lists the following information:

- Message number
- Description
- Tivoli Data Exchange (TDE) user action
- Tivoli Data Exchange (TDE) administrator action
- MQSeries administrator action
- System administrator action
- Comments

The messages and codes listed in this chapter are arranged in the following groups:

- Informational messages
- Warning messages
- Error messages

This chapter contains the following sections:

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Interpreting Error Codes

Locating the Log File

Messages and codes from TDE are written to the log file as text entries. You can use any text editor to display the contents of the log file. The `-lfile` argument specified either in the TDE command or in the configuration file names the file and path of the log file. For information about TDE logging capabilities look in the *Tivoli Data Exchange User's Guide*, "Logging Information."

Where to Find Error Codes

TDE generates error messages to the log file and optionally to the command line. In OS/390, log messages are written to the SYSOUT for the FTFSTART job, see "Initializing" in the *Tivoli Data Exchange Installation Guide*. Log messages are written under the following conditions:

- A transaction is interrupted.
- A transaction cannot start.
- A transaction has completed.

When the error message is written to the log file, two numbers appear with the message's text. The first number is the primary return code; the second number is the secondary return code. When an error message appears in the log file, it appears as two nine digit numbers at the beginning of the line. The general format of the line is:

timeValue *pppppppppp*:*ssssssss* *msgText*

Where:

- *timeValue* - Contains the hour, minute, and second of the time the message line was written. **Format:** hh:mm:ss.
- *pppppppppp* - Represents the primary return code. Often the first number is nine digits with the first digit not being zero. If the first digit is not zero, the number is in three parts:

1. The first three digits contain the number of the component causing the error. See “Tivoli Data Exchange Components” on page 17.
 2. The second three digits contain the line-number of code issuing the message.
 3. The last three digits contain the TDE error number.
- `ssssssss` - Represents the secondary return code. These nine digits indicate one of three situations:
 1. The is in the same format as the primary return code. Consequently, TDE returns a second error condition.
 2. The secondary return code begins with five zeros (00000). In this case the last four digits are an MQSeries error code.
 3. The secondary return code is all zeros. In this case there is no secondary return code.
 - `msgText` - is the text associated with the error number.

Example

The following figure contains an example of a TDE log file:

```
5:18:12 FTF Version: s2.4.0.3
5:18:15 Operating on control/input queue FTFSDR.CONTROL
5:18:15 Operating on synchronization queue FTFSDR.SYNC
5:18:15 Connecting to local queue manager TESTNT1
5:18:15 FTF/MQ Sender initialization complete
5:18:24 101409601:000002051 MQSeries MQPUT failure,Data Queue,FTFDATA,Queue Manager,TESTNT1
5:18:24 101335623:000000000 FTF transfer request processing failed,Unable to process request
```

The first five lines of the log contain startup information messages. Lines six and seven contain error messages.

The error numbers in line six are 101409601:000002051. These numbers can be deciphered as follows:

Messages and Codes

Interpreting Error Codes

- The first number breaks into three separate codes based on the following table:

Digits	Sample	Description
1-3	101	The number of the TDE component having the problem. See “Tivoli Data Exchange Components” on page 17.
4-6	409	The line of source code in the program where the message was issued.
7-9	601	The message number to reference in this manual.

- The second return code contains five zeros in the first five position which indicates that the return code is an MQSeries code.

2051 is an MQSeries error code number. It can be referenced in the MQSeries documentation. Refer to the “About This Guide” chapter in the Messages and Codes Guide. See “Where to Look for More Information” on page 11.

The numbers in line seven are 101335623:000000000. These numbers can be deciphered as follows:

- The first number is breaks into three separate codes based on the following table:

Digits	Sample	Description
1-3	101	The TDE component having the problem. See “Tivoli Data Exchange Components” on page 17
4-6	335	The line of source code in the program where the message was issued.
7-9	623	The message number to reference in this manual

- The second number is 000000000, indicating that there is no secondary error number.

Tivoli Data Exchange Components

The table that follows relates the number that appears in the first three digits of the error code to the component within TDE.

Number	Component
100	FTFCPT_RECEIVER
101	FTFCPT_SENDER
102	FTFCPT_SENDER_DATABLK
103	FTFCPT_SENDER_PROCESS
104	FTFCPT_SENDER_RECOVER
105	FTFCPT_SENDER_SENDER
106	FTFCPT_MANAGER
107	FTFCPT_PRE_POST_PROCESS_MONITOR
108	FTFCPT_REQUEST_API
109	FTFCPT_PING_API
110	FTFCPT_STATUS_API
111	FTFCPT_SHUTDOWN_API
112	FTFCPT_REQUEST_CL
113	FTFCPT_PING_CL
114	FTFCPT_STATUS_CL
115	FTFCPT_SHUTDOWN_CL
116	FTFCPT_MESSAGE_INTERFACE_HANDLER
117	FTFCPT_TMTGUI
118	FTFCPT_ISPFGUI
119	FTFCPT_STATUS_REPORT
120	FTFCPT_SHUTDOWN
121	FTFCPT_STATUS
122	FTFCPT_REQUEST
123	FTFCPT_PING
124	FTFCPT_CANCEL
125	FTFCPT_CANCEL_API
126	FTFCPT_CANCEL_CL
127	FTFCPT_FTFSTART

Messages and Codes

Interpreting Error Codes

Number	Component
128	FTFCPT_STAGE_API
129	FTFCPT_STAGE_CL
130	FTFCPT_LOG
131	FTFCPT_CFG
132	FTFCPT_STATD
133	FTFCPT_STATD_API
134	FTFCPT_STATD_CL

Additional Error Messages

Some components issue messages not contained in this manual. Other TDE manuals contain the following chapters which have their own sections of error or status messages:

- Directory Monitor (*Tivoli Data Exchange User's Guide*)
- Multi-File Connector (*Tivoli Data Exchange Technical Reference*)
- File to Message Connector (*Tivoli Data Exchange Technical Reference*)
- Virtual Machine Connector (*Tivoli Data Exchange Technical Reference*)

Informational Messages

Informational messages pass useful information about TDE processing. Informational message codes start with FTFRCI. These messages do not affect the outcome of the transaction. Usually, they do not require intervention.

The following informational messages are described in this section.

Number	Message Text	Page
001	FTFRCI_NO_STATUS_MESSAGES_PRESENT	20
002	FTFRCI_REQUEST_EXPIRED	21
003	FTFRCI_REQUEST_COMPLETE	22
004	FTFRCI_REQUEST_COMPLETE_UNSUCCESSFUL	23
005	FTFRCI_REQUEST_CANCELLED	24
006	FTFRCI_REPLY_TO_PING_FAILED	25
007	FTFRCI_PING_COMPLETE_UNSUCCESSFUL	26
008	FTFRCI_CANCEL_PENDING	27
009	FTFRCI_RETRY_LIMIT_EXCEEDED	28
010	FTFRCI_REQUEST_FLAGGED_FOR_EXPIRATION	29
011	FTFRCI_NO_MORE_DATA	30
012	FTFRCI_RESEND_DATA	31

Messages and Codes

Informational Messages

FTFRCI_NO_STATUS_MESSAGES_PRESENT

Numeric Value

001

Description

No message for the ID was found in the status queues. The messages is displayed as a result of running a status query and the logs contain no messages associated with the ID that was entered as part of the query.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

If you are using FTFSTAT, the message “No transfer events found for output” appears on the command line. This message does not appear in the logs.

FTFRCI_REQUEST_EXPIRED

Numeric Value

002

Description

Because the system date is past the expiration date of the transaction, the transaction has expired. No further processing on that transaction will occur.

TDE User Actions

Refer to the *Tivoli Data Exchange User's Guide* to see what user actions can cause a transaction to expire and how to correct the problem.

TDE Administrator Actions

None

MQSeries Administrator Actions

None

System Administrator Actions

The expiration could have accrued because the system clock on one of the nodes involved is set incorrectly. If so, set the time and time zone of the machine and resubmit the transaction.

Comments

See “Interpreting Error Codes” on page 14.

Messages and Codes

Informational Messages

FTFRCI_REQUEST_COMPLETE

Numeric Value

003

Description

Indicates that a particular transaction is complete. Although the message is generated for transactions that finish because of error, these transactions produce other messages, as well.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCI_REQUEST_COMPLETE_UNSUCCESSFUL

Numeric Value

004

Description

Indicates unsuccessful completion of a file transfer transaction.

TDE User Actions

Determine the cause of the error from the error codes listed in the appropriate log files.

TDE Administrator Actions

Determine the cause of the error from the error codes listed in the appropriate log files. The error might result from an incorrect TDE configuration.

MQSeries Administrator Actions

Determine the cause of the error from the error codes listed in the appropriate log files. The error might result from an incorrect MQSeries configuration.

System Administrator Actions

Determine the cause of the error from the error codes listed in the appropriate log files. This error might result from a system configuration error.

Comments

None.

Messages and Codes

Informational Messages

FTFRCI_REQUEST_CANCELLED

Numeric Value

005

Description

The TDE transaction has been cancelled due to a user request.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCI_REPLY_TO_PING_FAILED

Numeric Value

006

Description

The TDE component was unable to reply to a Ping request. Because failure of a ping request is not considered critical, the message is informational and the Tivoli Data Exchange components continue to run.

TDE Actions

Verify entries in the calling interface for correct specification of the queue manager names. If the names are correct, notify the Tivoli Data Exchange Administrator with the specific return code and reason code.

TDE Administrator Actions

Verify the Tivoli Data Exchange configuration file for correct specification of the queue names for all components. Verify the queue name specification (specifically the CONTROL queue names) for the corresponding component on all the communicating nodes.

If the secondary return code is MQSeries related, verify with the MQSeries Administrator that the MQSeries definition correct.

MQSeries Administrator Actions

If the error is MQSeries related, verify that the MQSeries configuration has been carried out correctly. Tivoli Data Exchange provides the MQSeries reason code value for every failing MQSeries operation that Tivoli Data Exchange uses.

System Administrator Actions

None.

Comments

See “FTFPING” in the *Tivoli Data Exchange User’s Manual* for help with the FTFPING command.

FTFRCI_PING_COMPLETE_UNSUCCESSFUL

Numeric Value

007

Description

The Tivoli Data Exchange Ping request has completed unsuccessfully.

TDE User Actions

Verify that all the queue managers entered into the calling interface were specified correctly and notify the Tivoli Data Exchange administrator.

TDE Administrator Actions

See “FTFPING” in the *Tivoli Data Exchange User Guide* for an understanding of the flow of the Tivoli Data Exchange Ping request. This message is issued when the Tivoli Data Exchange manager component on the originating queue manager (oqm) is unable to communicate to the Tivoli Data Exchange sender on the source queue manager (sqm). This condition usually arises due to invalid specification of the queue manager names or to incorrect MQSeries configuration. The MQSeries object names, type of operation, and the MQSeries reason code are logged by the Tivoli Data Exchange Manager. Determine the appropriate action and notify the MQSeries administrator.

MQSeries Administrator Actions

If the MQSeries reason code indicates a configuration error, modify the MQSeries configuration and try the operation again.

System Administrator Actions

If the MQSeries reason code indicates a system related problem (resource or system configuration), consult the appropriate MQSeries manuals and correct the error.

Comments

See “Troubleshooting FTFPING” in the *Tivoli Data Exchange User's Manual* for help with the FTFPING command.

FTFRCI_CANCEL_PENDING

Numeric Value

008

Description

The Tivoli Data Exchange transaction has been marked as canceled due a user request. The message indicates that the cancel was entered, but the cancel request still needs to be sent to all components to be effective.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCI_RETRY_LIMIT_EXCEEDED

Numeric Value

009

Description

Attempts to complete the Tivoli Data Exchange transaction were unsuccessful after exhausting the maximum number of retries allowed by Tivoli Data Exchange.

TDE User Actions

Notify the Tivoli Data Exchange administrator. After the Tivoli Data Exchange administrator has taken corrective actions, reissue the command if necessary.

TDE Administrator Actions

Tivoli Data Exchange attempted to retry the failing request the maximum number of times. View the logs from the different Tivoli Data Exchange components (Manager, Sender and Receiver) and determine the root cause of the retry limit exhaustion. This condition could be due to Tivoli Data Exchange Configuration error, MQSeries configuration error, or system resource shortages.

MQSeries Administrator Actions

Verify the MQSeries configuration for any errors.

System Administrator Actions

Verify that system resources are available.

Comments

None.

FTFRCI_REQUEST_FLAGGED_FOR_EXPIRATION

Numeric Value

010

Description

The Tivoli Data Exchange transaction has been marked for expiration by the Tivoli Data Exchange Manager on the oqm. The actual request does not expire until either the Sender or the Receiver actually expires the request. This information message indicates that the Tivoli Data Exchange Manager component has not received the response for the expiration request from either the Sender or Receiver.

TDE User Actions

None.

TDE Administrator Actions

Verify that the configuration files on the communicating nodes use the same MQSeries objects. View the logs of the Tivoli Data Exchange Sender and Tivoli Data Exchange Receiver involved and verify that no error messages were generated for the particular Tivoli Data Exchange transaction.

MQSeries Administrator Actions

Verify that the MQSeries channels are up between communicating nodes and that no error conditions (queue full, put disabled, etc.) exist on the different MQSeries objects used by Tivoli Data Exchange.

System Administrator Actions

None.

Comments

None.

Messages and Codes
Informational Messages

FTFRCI_NO_MORE_DATA

Numeric Value

011

Description

None.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCI_RESEND_DATA

Numeric Value

012

Description

None.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Warning Messages

Warning messages identify conditions that could lead to the failure of a transaction. These messages start with FTFRCW.

The warning messages listed in this section are:

Number	Message Text	Page
300	FTFRCW_NO_STATUS_MESSAGE_FOR_ID	33
301	FTFRCW_STATUS_MESSAGE_PROCESSING_FAILED	34
302	FTFRCW_TXN_NOT_FOUND	35
303	FTFRCW_INVALID_REPLY_DESTINATION	36
304	FTFRCW_TIMEOUT	37

FTFRCW_NO_STATUS_MESSAGE_FOR_ID

Numeric Value

300

Description

No status messages were found for the ID that was entered in a status request.

TDE User Actions

Verify that the ID that was entered is correct.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Warning Messages

FTFRCW_STATUS_MESSAGE_PROCESSING_FAILED

Numeric Value

301

Description

The Tivoli Data Exchange component in error was unable to process the status message. Status messages are not required for the successful operation of Tivoli Data Exchange transactions. This message is issued if the Tivoli Data Exchange component is unable to update the status subsystem with a new status.

TDE User Actions

None

TDE Administrator Actions

Verify that the configuration file specifies correct names for the MQSeries objects for the status control and detail queue names. View the logs to determine whether the error is MQSeries related and whether the MQSeries reason code indicates a benign or severe error condition. Notify the MQSeries administrator.

MQSeries Administrator Actions

Verify the maximum depth of the queues. Correct the MQSeries error, if necessary.

System Administrator Actions

None.

Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

FTFRCW_TXN_NOT_FOUND

Numeric Value

302

Description

The Tivoli Data Exchange transaction control message was not found in the internal processing queues. This message is produced by the Tivoli Data Exchange Manager in response to a cancel request from a user for an already-completed transaction or a response for a transaction arrives after the transaction has been marked complete. Because of the flexibility provided by Tivoli Data Exchange and MQSeries, messages from the different processing nodes for a particular transaction can arrive in any order. Tivoli Data Exchange Manager will issue this warning message if it receives a response from a component for a transaction that has already been completed.

TDE User Actions

None.

TDE Administrator Actions

Network delays and incorrect Tivoli Data Exchange and MQSeries configurations could be preventing the responses from reaching the Tivoli Data Exchange Manager. Verify that the configuration settings are correct.

MQSeries Administrator Actions

MQSeries configuration errors could be preventing the responses from reaching the Tivoli Data Exchange Manager in the correct order. Verify that the MQSeries configuration is correct.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Warning Messages

FTFRCW_INVALID_REPLY_DESTINATION

Numeric Value

303

Description

The Tivoli Data Exchange Manager on the current node received a response from a node and the current node was not the intended recipient.

TDE User Actions

None.

TDE Administrator Actions

Verify that the Tivoli Data Exchange configuration on both the current node and the node originating the message is correct. View the log to see the message and the node sending the message. Report the sending node to the MQSeries administrator.

MQSeries Administrator Actions

Verify that the MQSeries configurations are correct. If you are using queue manager alias features and are exploiting queue name resolution facilities of MQSeries, it is possible that messages are ending up in queue managers not intended for them.

System Administrator Actions

None.

Comments

None.

FTFRCW_TIMEOUT

Numeric Value

304

Description

The Tivoli Data Exchange Ping request has timed out.

TDE User Actions

Verify that the queue manager names specified in the Ping request are correct and reissue the request. If the problem persists, increase the timeout value in the Ping request and reissue the request. Report any queue managers that have responded to the Tivoli Data Exchange administrator.

TDE Administrator Actions

The Tivoli Data Exchange Ping request could time out due to a variety of reasons. See “Troubleshooting FTFPING” in the *Tivoli Data Exchange User’s Guide* for help with FTFPING problems.

MQSeries Administrator Actions

Tivoli Data Exchange Ping requests could time out due to MQSeries errors such as channel down or incorrect channel configurations. Verify the log for MQSeries errors, determine the cause of the trouble, and correct it.

System Administrator Actions

None.

Comments

When the message is generated to the logs, the following message appears on the console: “FTF Ping timed out”.

Error Messages

Error messages are generated for failed transactions and indicate the reason for failure. These messages start with FTFRCE.

Error messages covered in this section are:

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Messages and Codes

Error Messages

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Messages and Codes

Error Messages

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FTFRCE_MEMORY_ALLOCATION_FAILURE

Numeric Value

600

Description

The Tivoli Data Exchange component issuing this error encountered a fatal error in trying to allocate memory for its internal processing. Depending on the type of operation the component is trying to execute, further processing may stop and the component may terminate.

TDE User Actions

None.

TDE Administrator Actions

Verify the logs to see which component is having the problem with memory allocation. Restart that component.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify to see if system resources are available.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_MQPUT_FAILURE

Numeric Value

601

Description

The Tivoli Data Exchange component in error is unable to deposit a message in an MQSeries queue.

TDE User Actions

Report the error message to the Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the MQPUT or MQPUT1 call as part of the secondary return code. Take corrective action based on this reason code's value.

MQSeries Administrator Actions

Based on the MQSeries reason code for the PUT failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

None.

FTFRCE_MQCONNECT_FAILURE

Numeric Value

602

Description

The Tivoli Data Exchange component in error is unable to connect to the queue manager.

TDE User Actions

Verify that the queue manager names specified in the calling interface are correct.

TDE Administrator Actions

Tivoli Data Exchange reports the actual MQSeries reason code from the MQCONN call as part of the secondary return code. Take corrective action based on this reason code's value.

MQSeries Administrator Actions

Based on the MQSeries reason code for the connect failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

Messages and Codes

Error Messages

FTFRCE_MQOPEN_FAILURE

Numeric Value

603

Description

The Tivoli Data Exchange component in error is unable to open the specified queue on the queue manager.

TDE User Actions

Verify that the queue names specified in the Tivoli Data Exchange configuration file are correct.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the MQOPEN call as part of the secondary return code. Take corrective action based on this reason code's value.

MQSeries Administrator Actions

Based on the MQSeries reason code for the open failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

FTFRCE_MQGET_FAILURE

Numeric Value

604

Description

The Tivoli Data Exchange component in error is unable to get a message from an MQSeries queue.

TDE User Actions

Report the error message to Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the MQGET or MQGET1 calls as part of the secondary return code. Take corrective action based on this return code's value.

MQSeries Administrator Actions

Based on the MQSeries reason code for the get failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

Messages and Codes

Error Messages

FTFRCE_MQCMIT_FAILURE

Numeric Value

605

Description

The Tivoli Data Exchange component in error is unable to issue an MQ commit.

TDE User Actions

Report the error message to the Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the commit call as part of the secondary return code. If the reason code indicates a Tivoli Data Exchange configuration problem, take corrective action based on its value.

MQSeries Administrator Actions

Based on the MQSeries reason code for the commit failure, you may have to correct the MQSeries configuration.

System Administrator Actions

Consider cleaning up disk space.

Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

FTFRCE_INPUT_REQUIRED

Numeric Value

606

Description

More input is required by Tivoli Data Exchange on the command that was entered at the calling interface.

TDE User Actions

Supply the input that is required. The missing input is probably the lqm option required when you use Tivoli Data Exchange on an OS/390 system.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

When the message is generated to the logs, the following message appears on the console: "Invalid options specified" appears on the console.

Messages and Codes

Error Messages

FTFRCE_INVALID_OPTION

Numeric Value

607

Description

An invalid option was specified on the command line.

TDE User Actions

Correct the command line argument and reissue the command.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

When the message is generated to the logs, the following message appears on the console: “Invalid options specified” appears on the console.

FTFRCE_CONFIGFILE_ACCESS_FAILURE

Numeric Value

608

Description

Tivoli Data Exchange was unable to access the Tivoli Data Exchange configuration file.

TDE User Actions

Report the error message to Tivoli Data Exchange administrator.

TDE Administrator Actions

Be sure the Tivoli Data Exchange configuration file is available on the specified path. This path is specified either in the configuration file option in the calling interface or setting environment variables to point to the file.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify permissions on the Tivoli Data Exchange configuration file.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_MQINQ_FAILURE

Numeric Value

609

Description

The Tivoli Data Exchange component in error is unable to inquire the queue manager to which it is connected.

TDE User Actions

Report the error message to Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the MQINQ call as part of the secondary return code. Take corrective action based on this reason code's value.

MQSeries Administrator Actions

Based on the MQSeries reason code for the MQINQ failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

None.

FTFRCE_CONTROL_MSG_NOT_FOUND

Numeric Value

611

Description

The control message defining the transfer request is not found on the receiver's queue. The transaction fails.

TDE User Actions

Verify inputs to file transfer request to ensure all parameters are valid. Resubmit the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

Verify the Tivoli Data Exchange's queue depths on the receiver's queue manager.

- If the queues are full, a component in the system may have failed, preventing messages from being processed. Restart any failed components.
- If the queues are not full, contact Technical Support.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_COMMAND_LINE_PROCESSING_FAILED

Numeric Value

613

Description

The Tivoli Data Exchange component in error is unable to process the command-line arguments.

TDE User Actions

Correct the command line in error and reissue the command.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_CONFIG_FILE_PROCESSING_FAILED

Numeric Value

614

Description

The Tivoli Data Exchange component in error is unable to process the Tivoli Data Exchange configuration file.

TDE User Actions

None.

TDE Administrator Actions

Tivoli Data Exchange reports the section and stanza of the configuration file that is in error in the error log. Correct the section that is in error and reissue the command.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_FTF_INITIALIZATION_FAILED

Numeric Value

617

Description

Tivoli Data Exchange encountered a problem initializing while attempting to submit a ping or request message to the manager. This condition correlates to a failure to create an FTF ID internally.

TDE User Actions

None.

TDE Administrator Actions

Collect information from the logs and record any messages displayed on the console, then contact Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_SYNCQ_PROCESSING_FAILED

Numeric Value

618

Description

Tivoli Data Exchange encountered a problem attempting to process messages on the sync queue.

TDE User Actions

None.

TDE Administrator Actions

Make sure specified sync queue is not in use.

MQSeries Administrator Actions

Make sure specified sync queue is defined.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_CONTROLQ_PROCESSING_FAILED

Numeric Value

619

Description

The Tivoli Data Exchange manager encountered an error processing a message from the control queue.

TDE User Actions

Report the error message to Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the GET call from the control queue as part of the secondary return code. Take corrective action based on this return code's value if it is a Tivoli Data Exchange configuration problem.

MQSeries Administrator Actions

Based on the MQSeries reason code for the failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

None.

FTFRCE_MQBROWSE_FAILURE

Numeric Value

620

Description

The Tivoli Data Exchange manager encountered an error processing a message from the sync queue.

TDE User Actions

Report the error message to Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the GET call from the sync queue as part of the secondary return code. Take corrective action based on this return code's value, if it is a Tivoli Data Exchange configuration problem.

MQSeries Administrator Actions

Based on the MQSeries reason code for the failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

None.

Messages and Codes
Error Messages

FTFRCE_UNKNOWN_MESSAGE_TYPE

Numeric Value

621

Description

Tivoli Data Exchange got a message from a queue that had an unknown message type.

TDE User Actions

Report the error message to Tivoli Data Exchange Administrator.

TDE Administrator Actions

Collect the Tivoli Data Exchange logs, the Tivoli Data Exchange configuration file, and contact Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_MQCMIT_FAILED

Numeric Value

622

Description

The Tivoli Data Exchange component in error is unable to issue an MQ commit.

TDE User Actions

Report the error message to the Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the commit call as part of the secondary return code. Take corrective action based on this return code's value if it is a Tivoli Data Exchange configuration problem.

MQSeries Administrator Actions

Based on the MQSeries reason code for the commit failure, you may have to correct the MQSeries configuration.

System Administrator Actions

Consider cleaning up disk space.

Comments

See “Interpreting Error Codes” on page 14 for help in determining primary and secondary return codes.

Messages and Codes

Error Messages

FTFRCE_REQUEST_PROCESSING_FAILED

Numeric Value

623

Description

Tivoli Data Exchange had a problem processing the request.

TDE User Actions

Report the error message to Tivoli Data Exchange administrator.

TDE Administrator Actions

Tivoli Data Exchange reports the MQSeries reason code from the failure as part of the secondary return code. Take corrective action based on this return code's value if it is a Tivoli Data Exchange configuration problem.

MQSeries Administrator Actions

Based on the MQSeries reason code for the failure, you may have to correct the MQSeries configuration.

System Administrator Actions

None.

Comments

See “Interpreting Error Codes” on page 14 for help in determining primary and secondary return codes.

FTFRCE_FILE_MIGRATED

Numeric Value

624

Description

The Tivoli Data Exchange component issuing this error attempted to access a dataset on MVS that has been migrated and Tivoli Data Exchange is not configured to recall the dataset.

TDE User Actions

None.

TDE Administrator Actions

Check the configuration file for the MVSHSMRecall stanza. Set the stanza equal to MVSHSMRecall=YES to configure Tivoli Data Exchange to recall the dataset.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_CONFIGURATION

Numeric Value

625

Description

The Tivoli Data Exchange Status GUI is unable to read the Tivoli Data Exchange configuration file.

TDE User Actions

Verify that the configuration file exists and is readable. Also verify FTF_CONFIG_FILE environment variable to see if it is set the correct value.

TDE Administrator Actions

Verify that the configuration file exists and is readable. Also verify FTF_CONFIG_FILE environment variable to see if it is set to the correct value.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_CANCELLATION_FAILURE

Numeric Value

626

Description

A Tivoli Data Exchange cancel request failed.

TDE User Actions

None.

TDE Administrator Actions

Verify that the ReceiverControlQueue and ReceiverSystemQueue are correctly defined in the configuration file. The Tivoli Data Exchange log file contains the node name of the Sender or Receiver involved.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_SUBMIT_CANCEL_MESSAGE_FAILED

Numeric Value

627

Description

Cancel request message was not successfully submitted. If the cancel request is not resubmitted in time, the file transfer may complete processing.

TDE User Actions

Verify that the cancel request input parameters are correct. Resubmit the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

Verify the Tivoli Data Exchange's queue depths on the receiver's queue manager.

- If the queues are full, a component in the system may have failed, preventing messages from being processed. Restart any failed components.
- If the queues are not full, contact Technical Support.

System Administrator Actions

None.

Comments

If the cancel request is resubmitted and processed after the file transfer has been completed, the cancel request will be ignored by the system.

FTFRCE_SENDER_FAILURE

Numeric Value

628

Description

This message indicates a generic Tivoli Data Exchange Sender failure. The Tivoli Data Exchange Sender has reported a failure back to the Tivoli Data Exchange manager.

TDE User Actions

Look in the Tivoli Data Exchange log file. Check the secondary error code for more detail.

TDE Administrator Actions

Look in the Tivoli Data Exchange log file. Check the secondary error code for more detail.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

See “Interpreting Error Codes” on page 14 for help in determining primary and secondary return codes.

Messages and Codes

Error Messages

FTFRCE_SUBMIT_REPLY_FAILURE

Numeric Value

629

Description

An attempt to reply to a component has failed.

TDE User Actions

Verify that the FTFIccQueue value is correctly defined in the configuration file.

TDE Administrator Actions

Verify that the FTFIccQueue exists and is put and get enabled. Also check for a queue full condition on the ICCQueue.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_RECEIVER_FAILURE

Numeric Value

630

Description

This message indicates a generic Tivoli Data Exchange Receiver failure. The Tivoli Data Exchange Receiver has reported a failure to the Tivoli Data Exchange Manager.

TDE User Actions

Look in the Tivoli Data Exchange log file. Check the secondary error code for more detail.

TDE Administrator Actions

Look in the Tivoli Data Exchange log file. Check the secondary error code for more detail.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_FILE_IS_A_DIRECTORY

Numeric Value

631

Description

The file Tivoli Data Exchange is attempting to read or write is a directory.

TDE User Actions

Correct the dpath or spath value in the transaction so that they point to a file and not to a directory.

TDE Administrator Actions

Check the Tivoli Data Exchange configuration file definitions for the source and target files. Verify that the spath and dpath values point to files rather than directories.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_FILE_ALREADY_EXISTS

Numeric Value

632

Description

The specified target file already exists. Based on other values, Tivoli Data Exchange can not overwrite the file.

TDE User Actions

A transfer was specified with the NOREPLACE option in the mode value. Either remove this value from your transaction or change the option to APPEND or REPLACE.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_UNABLE_TO_CREATE_DIRECTORY

Numeric Value

633

Description

Tivoli Data Exchange is unable to create the specified directory.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that the user of the Tivoli Data Exchange Receiver process has permission to create the specified directory.

Comments

None.

FTFRCE_FILE_DOES_NOT_EXIST

Numeric Value

634

Description

The specified file does not exist in the path indicated by the spath and cfile arguments.

TDE User Actions

Verify that the file specified in the spath or cfile arguments exists. If it does not, change the file name to the name of a file that exists or add the file to the appropriate directory.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_FILEHANDLE

Numeric Value

635

Description

The name of the file to be accessed is invalid. The file handle may have changed, may be corrupt, the file or path may not exist, or the specified drive may not exist or may not be connected.

TDE User Actions

Check accuracy of input parameters to the file transfer request. Verify that the file name is accurate. Resubmit the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

If the file transfer still fails, verify permissions on the file.

Comments

None.

FTFRCE_INVALID_FILEMODE

Numeric Value

636

Description

An invalid file mode has been specified in the transfer request. Valid file modes are OS dependent.

TDE User Actions

Verify that input parameters for file mode are correct. Resubmit the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

If the request still fails, check the permissions on the file.

Comments

This error message most likely reflects a problem on the receiver side of the transaction.

Messages and Codes

Error Messages

FTFRCE_FILE_OPEN_FAILURE

Numeric Value

637

Description

Tivoli Data Exchange is unable to open the source or target file for reading or writing.

TDE User Actions

Verify that the files specified in the spath, dpath, and cfile values are correct.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that the Tivoli Data Exchange Manager is able to read the specified files.

Comments

None.

FTFRCE_INVALID_FILENAME

Numeric Value

638

Description

The file name that was specified in the calling interface is invalid.

TDE User Actions

The file name that was specified does not conform to the requirements of the source or target platform. Some platforms have restrictions on the number of and type of characters that can appear in the file names. Correct the file name and resubmit the transaction.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_FILEWRITE_ERROR

Numeric Value

639

Description

Tivoli Data Exchange is unable to write data to the specified file.

TDE User Actions

Verify that the options are correctly specified for the target platform.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify for the following conditions on the target device:

- An out-of-space condition exists on the target drive.
- The target device is available.
- Insufficient permissions exist for writing the file.

Comments

None.

FTFRCE_DYNALLOC_FAILED

Numeric Value

640

Description

MVSOS/390 is unable to allocate space for the target dataset. The error is specific to the MVSOS/390 platform.

TDE User Actions

Verify that the MVSOS/390 options are correctly specified.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify an out-of-space condition on the target drive.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_UNSUPPORTED_FILETYPE

Numeric Value

641

Description

The file selected for the target file is unsupported by Tivoli Data Exchange.

TDE User Actions

Verify that the recfmt argument has a correct value of:

- F, V, FB, or VB on OS/390.
- SAVE or SRCPF (source physical) on OS/400.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that the correct file types are specified:

- OS/390 file is F, V, FB, or VB.
- OS/400 file is SAVE or SRCPF (source physical).

Comments

None.

FTFRCE_CONFIG_FILE_NOT_SPECIFIED

Numeric Value

642

Description

The Tivoli Data Exchange configuration file was not specified

TDE User Actions

Specify the path to the Tivoli Data Exchange configuration file in the configuration file value.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None

Comments

None.

Messages and Codes

Error Messages

FTFRCE_UNKNOWN_FTF_COMPONENT

Numeric Value

643

Description

An invalid component was passed to the FTF Shutdown API from the calling interface.

TDE User Actions

Verify that your API call to FTFShutdown API is passing FTF_SENDER_CPT, FTF_RECEIVER_CPT, or FTF_MANAGER_CPT in the FTFShutdownInfo data structure. Also verify the FTF_Logger component.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Comments

None.

FTFRCE_INVALID_TIMEOUT_VALUE

Numeric Value

644

Description

This message appears only when the FTFEND API is used. The timeout value that has been specified in the FTFShutDownInfo structure is invalid. This value could have come from any calling interface.

TDE User Actions

Change the timeout value so that it is within the following valid ranges:

- Equal to or greater than zero.
- Equal to or less than 32767.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_UUID_CREATE_FAILURE

Numeric Value

645

Description

Tivoli Data Exchange was unable to create a unique FTFID for the file transfer.

TDE User Actions

Resubmit the file transfer request.

TDE Administrator Actions

If resubmit fails, contact Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_MISSING_PARAMETER

Numeric Value

646

Description

This message occurs when the FTFSshutdown API is called. The condition for the message is either the input structure or the FTFSshutdownReply structure have a value of null.

TDE User Actions

None.

TDE Administrator Actions

If you are calling these data structures from a C program, verify that the FTFSshutdownInfo and the FTFSshutdownReply are valid structures and check to see that the value is not null. If there are still problems, contact Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_REPLY_PROCESSING_FAILED

Numeric Value

647

Description

During execution of the FTFSshutdown API, replies from each of the components were not received to signal correct shut down.

TDE User Actions

This message comes from the FTFS ShutDown API.

- Verify that the FTF ICC queue is GET enabled.
- See if enough time has been allocated for all of the components to shutdown.
- If the problem continues, look for an MQSeries return code either on the console or in the Tivoli Data Exchange log file and use this code to help in solving the problem.

Otherwise, contact Technical Support.

TDE Administrator Actions

If an MQSeries return code is provided, this code may help in solving the problem. Otherwise, contact Technical Support.

MQSeries Administrator Actions

If an MQSeries return code is provided, this code may help in solving the problem. Otherwise, contact Technical Support.

System Administrator Actions

If an MQSeries return code is provided, this code may help in solving the problem. Otherwise, contact Technical Support.

Comments

See “Interpreting Error Codes” on page 14 to help with determining primary and secondary codes.

Messages and Codes

Error Messages

FTFRCE_REPLY_TIMED_OUT

Numeric Value

648

Description

Indicates that the calling interface has timed out while waiting for a response. The time-out condition can be due to a low time-out value or by components of the system not being available and ready to process files.

TDE User Actions

Increase the time to wait for a response. Verify that all components are available and are ready to transfer files.

TDE Administrator Actions

Verify that Tivoli Data Exchange components are functioning correctly.

MQSeries Administrator Actions

Verify that MQSeries components are functioning correctly.

System Administrator Actions

Verify that the network is available.

Comments

None.

FTFRCE_FILE_READ_FAILURE

Numeric Value

649

Description

The specified file could not be read. This error may occur if an invalid file name is given, if there are security violations, or if there is a sharing violation with the file.

TDE User Actions

Check the logs to see which file caused the error. Verify that the file name is correct in the calling interface and that proper security access is in place.

TDE Administrator Actions

Verify that proper security access is in place.

MQSeries Administrator Actions

Verify that proper security access is in place.

System Administrator Actions

Verify that proper security access exists and that another process does not have the file locked.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_ARGUMENT

Numeric Value

650

Description

The data structures being passed to Tivoli Data Exchange from a calling program are not valid.

TDE User Actions

Verify the FTFRequestMsgInfo data structure is used in the FTFReq API call and the FTFStageMsgInfo data structure used in the FTFStage API call. Be sure that all values are valid in the data structures. If the problem continues, the contact Technical Support.

TDE Administrator Actions

Contact Technical Support.

MQSeries Administrator Actions

Contact Technical Support.

System Administrator Actions

Contact Technical Support.

Comments

None.

FTFRCE_INVALID_ICCQUEUE

Numeric Value

651

Description

Indicates that the system cannot access the ICCQueue.

TDE User Actions

Contact MQSeries administrator.

TDE Administrator Actions

Contact MQSeries administrator.

MQSeries Administrator Actions

Check to see whether the ICCQUEUE that is specified in the configuration file's FTFICCQueue property is correctly specified. Additionally, verify to see if the ICCQueue exists and that it is get and put enabled.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_SOURCE_PREPROC_FAILED

Numeric Value

652

Description

Tivoli Data Exchange Sender failed to execute its pre-process exit.

TDE User Actions

Verify that the exit arguments passed to Tivoli Data Exchange's FTFReq API are correct. The values could be coming from a program or another calling interface.

TDE Administrator Actions

Verify that the exit dll files reside in the FTF_EXIT_PATH directory.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_INVALID_EXITNAME

Numeric Value

653

Description

The specified exit name entered through a calling interface is an invalid exit name.

TDE User Actions

Verify that the exit arguments supplied to the calling interface are correct.

TDE Administrator Actions

Verify that the exit DLL files reside in the FTF_EXIT_PATH directory.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_ENTRYPOINT

Numeric Value

654

Description

The entry point passed as exitentry value does not exist in the load library specified.

TDE User Actions

Verify that the exit DLL file exists in the specified load library. Also, verify that the entry point exists in the load library specified with exit dll. The exit entry point name is case sensitive.

TDE Administrator Actions

Verify that the proper version of the shared library is installed.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_EXITLOAD_FAILED

Numeric Value

655

Description

Tivoli Data Exchange is unable to load the exit DLL from the specified library, possibly because of a sharing violation.

TDE User Actions

Contact Technical Support.

TDE Administrator Actions

Contact Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_EXITUNLOAD_FAILED

Numeric Value

656

Description

Tivoli Data Exchange is unable to unload the exit DLL from the specified library, possibly because of a sharing violation.

TDE User Actions

Contact Technical Support.

TDE Administrator Actions

Contact Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_EXIT_NO_PATH_SPECIFIED

Numeric Value

658

Description

Tivoli Data Exchange could not locate the directory where the exit DLL files reside.

TDE User Actions

None.

TDE Administrator Actions

Verify that the environment variable FTF_EXIT_PATH is set and that the directory specified contains the exit DLL files.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_EXIT_PATH_TOO_BIG

Numeric Value

659

Description

The specified path for the exit (FTF_EXIT_PATH plus the exit library name) exceeds maximum path specified in the FTF_MAX_PATH parameter. The established value is 256 characters.

TDE User Actions

Specify a path that has fewer than 256 characters.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_EXIT_FAILURE

Numeric Value

660

Description

The specified exit reported an error while executing the exit module.

TDE User Actions

The reason for the failure is provided as the secondary return code. Perform the appropriate actions based on its value.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_DYNFREE_FAILED

Numeric Value

662

Description

A FREE was attempted and failed on the MVSOS/390 platform.

TDE User Actions

Contact Technical Support.

TDE Administrator Actions

Contact Technical Support.

MQSeries Administrator Actions

Contact Technical Support.

System Administrator Actions

Contact Technical Support.

Comments

None.

FTFRCE_RECORD_TOOBIG

Numeric Value

663

Description

The size of the record being written to a file on the OS/390 platform is larger than the what has been specified in the lrecl argument.

TDE User Actions

Change the lrecl argument size or decrease the sending record size and retry the data transfer.

TDE Administrator Actions

MQSeries Administrator Actions

System Administrator Actions

Comments

None.

Messages and Codes

Error Messages

FTFRCE_SOURCE_POSTPROC_FAILED

Numeric Value

665

Description

The Tivoli Data Exchange Sender was unable to process the post-process exit that was specified.

TDE User Actions

This condition generally occurs when the Tivoli Data Exchange Sender is performing an error recovery action after a hard crash and cannot find a post-process completion marker, which indicates a successful execution of the post-process exit. The transaction ends with an error. Verify that the values in the fields are correct. Reissue the request by specifying a correct post-process exit.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_MANAGER_FAILURE

Numeric Value

667

Description

The queue manager failed during file transfer.

TDE User Actions

Look for a secondary error code for more specific information regarding the failure. Check inputs to file transfer request and resubmit.

TDE Administrator Actions

Look into queue manager log for additional information regarding the failure.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

This code is generic and should be accompanied by a secondary error message with more specific information.

Messages and Codes

Error Messages

FTFRCE_LOG_FILE_OPEN_FAILURE

Numeric Value

668

Description

A Tivoli Data Exchange process was unable to open its log file. Possible causes include a corrupt log file, changes in system permissions, or disconnected or nonexistent drive.

TDE User Actions

None.

TDE Administrator Actions

Verify accuracy of path and log file name parameters. Restart the component.

MQSeries Administrator Actions

None.

System Administrator Actions

Check the specified log file and verify its path and permissions. Restart the component. If the error persists, contact Technical Support.

Comments

None.

FTFRCE_INVALID_RECORDLENGTH

Numeric Value

669

Description

The lrecl value contains a value of zero or less than zero for an OS/390 target.

TDE User Actions

Correct the record length specification by using a GUI, ISPF, or 5250 interface and reissue the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_BLKSIZE

Numeric Value

670

Description

The blksize argument specified in the transaction for an OS/390 target file is invalid. There are many conditions under which this error message is issued. The conditions may be:

- The blocksize specified is less than zero.
- The target file is formatted as fixed and the block size does not equal the record length.
- The target file is formatted as either fixed block or variable block and the block is not a multiple of the record length.
- The target file is formatted as a variable file and the record length is not at least four bytes less than the block size.

TDE User Actions

Correct the block size and reissue the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_INVALID_UNITNAME

Numeric Value

671

Description

The unit argument was not specified as part of the transaction with an OS/390 target.

TDE User Actions

The unit name was not specified in the calling interface and no default value was specified in the configuration file at either the sending node or the receiving node. Specify a valid unit name in any of the supported components or specify the unit name in the configuration file.

Tivoli Data Exchange does not verify whether the specified unit name is defined to the system until a dynamic allocation request is issued. Verify the valid unit names with your system administrator.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_ALCUNIT

Numeric Value

672

Description

The specified alcunit argument is invalid. Tivoli Data Exchange supports allocation unit types of CYL (cylinder), BLK (block), and TRK (track).

TDE User Actions

Specify a valid value for the allocation unit and reissue the request. You can specify the allocation unit in the interface or the Tivoli Data Exchange configuration file.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_INVALID_FILEORG

Numeric Value

673

Description

The organization value contains an invalid dataset organization for the target node on an OS/390 platform. Tivoli Data Exchange supports the following data set organizations: PS (physical sequential) and PDS (partitioned dataset).

TDE User Actions

Specify a valid value for the allocation unit and reissue the request. You can specify the allocation unit in the interface or the Tivoli Data Exchange configuration file.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_RECORDFORMAT

Numeric Value

674

Description

An invalid record format was specified for the OS/390 target. The supported record formats are Fixed, Fixed Block, Variable and Variable Block.

TDE User Actions

Specify a valid value for the allocation unit and reissue the request. You can specify the allocation unit in the interface or the Tivoli Data Exchange configuration file.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_MGRPRE_EXIT_FAILURE

Numeric Value

675

Description

The Tivoli Data Exchange Manager failed while executing the pre-process exit.

TDE User Actions

Verify that the supplied exit arguments are correct.

TDE Administrator Actions

Verify that the exit DLLs reside in the FTF_EXIT_PATH.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_MGRPOST_EXIT_FAILURE

Numeric Value

676

Description

The Tivoli Data Exchange Manager component failed while executing the post-process exit.

TDE User Actions

Verify that the supplied exit arguments are correct.

TDE Administrator Actions

Verify the exit DLLs reside in the FTF_EXIT_PATH.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_SDRPRE_EXIT_FAILURE

Numeric Value

677

Description

The Tivoli Data Exchange Sender failed while executing the pre-process exit.

TDE User Actions

Verify that the supplied exit arguments are correct. Retrieve the transaction's status from the logs and relay the information to the Tivoli Data Exchange administrator.

TDE Administrator Actions

Verify the following:

- The exit DLLs reside in the FTF_EXIT_PATH.
- The exit argument supplied are correct.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_SDRPOST_EXIT_FAILURE

Numeric Value

678

Description

The Tivoli Data Exchange Sender failed while executing the post-process exit.

TDE User Actions

Verify that the supplied exit arguments are correct. Retrieve the transaction's status from the logs and relay the information to the Tivoli Data Exchange administrator.

TDE Administrator Actions

Verify the following:

- The exit DLLs reside in the FTF_EXIT_PATH.
- The exit argument supplied are correct.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_RCVPRE_EXIT_FAILURE

Numeric Value

679

Description

The Tivoli Data Exchange Receiver failed while executing the pre-process exit.

TDE User Actions

Verify that the supplied exit arguments are correct. Retrieve the transaction's status from the logs and relay the information to the Tivoli Data Exchange administrator.

TDE Administrator Actions

Verify the following:

- The exit DLLs reside in the FTF_EXIT_PATH.
- The exit argument supplied are correct.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_RCVPOST_EXIT_FAILURE

Numeric Value

680

Description

The Tivoli Data Exchange Receiver failed while executing the post-process exit.

TDE User Actions

Verify that the supplied exit arguments are correct. Retrieve the transaction's status of the and relay the information to the Tivoli Data Exchange administrator.

TDE Administrator Actions

Verify the following:

- The exit DLLs reside in the FTF_EXIT_PATH.
- The exit argument supplied are correct.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_SDRAUTH_EXIT_FAILURE

Numeric Value

681

Description

The userID on the Tivoli Data Exchange sender that is requesting the transaction does not have the authority to execute the exit.

TDE User Actions

Verify that the exit arguments are correct.

TDE dministrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that the Tivoli Data Exchange userID had authority to execute the specified exit.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_RCVAUTH_EXIT_FAILURE

Numeric Value

682

Description

The userID on the Tivoli Data Exchange receiver that is requesting the transaction does not have the authority to execute the exit.

TDE User Actions

Verify that the exit arguments are correct.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that the Tivoli Data Exchange userID had authority to execute the specified exit.

Comments

None.

FTFRCE_RECEIVE_IMMED_TIMEOUT

Numeric Value

683

Description

The receiver failed to receive immediate “heartbeat” message from the sender. Error may be caused by heavy network traffic, or component or channel failure. The file transfer fails.

TDE User Actions

Resubmit the request.

TDE Administrator Actions

Check that the sender component involved in the transfer is running.

MQSeries Administrator Actions

Verify that the channels between the sender and receiver machines are running.

System Administrator Actions

None.

Comments

On an immediate transfer, the sender and receiver periodically exchange messages to confirm that the other component is running and preserve the integrity of the synchronous data transfer. If either component doesn't hear back from the other in time, an error message is generated.

Messages and Codes

Error Messages

FTFRCE_SEND_IMMED_TIMEOUT

Numeric Value

684

Description

The sender failed to receive immediate “heartbeat” reply from the receiver. Error may be caused by heavy network traffic, or component or channel failure. The file transfer fails.

TDE User Actions

Resubmit the request.

TDE Administrator Actions

Check that the receiver component involved in the transfer is running.

MQSeries Administrator Actions

Verify that the channels between the sender and receiver machines are running.

System Administrator Actions

None.

Comments

On an immediate transfer, the sender and receiver periodically exchange messages to confirm that the other component is running and preserve the integrity of the synchronous data transfer. If either component doesn't hear back from the other in time, an error message is generated.

FTFRCE_RECEIVE_IMMED_RECOVERY

Numeric Value

685

Description

This message gets reported if the receiver started processing an immediate transfer and went down before the transfer was completed. When the receiver comes back up it recovers the transfer and this error is reported.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_COMPRESSION_NOT_SUPPORTED

Numeric Value

686

Description

This message gets reported when you attempt to run compression on the 4690 platform..

TDE User Actions

Correct the command by removing the compression argument and resubmit.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_INVALID_CONFIG_STANZA_VALUE

Numeric Value

701

Description

The specified stanza in the Tivoli Data Exchange configuration file contains an invalid value.

TDE User Actions

None.

TDE Administrator Actions

Verify the logs for the stanza that contains the invalid value. Verify that all configuration file stanzas have correct values.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_MISSING_CONFIG_STANZA

Numeric Value

702

Description

A required stanza in the Tivoli Data Exchange configuration file is missing.

TDE User Actions

None.

TDE Administrator Actions

Add the stanza and value to the configuration file. The required stanza is displayed as part of the message. Verify the format of the example provided in the Tivoli Data Exchange configuration file, located in the Tivoli Data Exchange root directory.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_NO_AVAILABLE_SYNC_QUEUE

Numeric Value

706

Description

The component, that issued this error message, is unable to find a SYNC queue on which to operate. Each of the Tivoli Data Exchange components (Manager, Sender and Receiver) requires an MQSeries message queue designated for use as a SYNC queue. Each instance of the component uses this queue on an exclusive basis. See *Tivoli Data Exchange User's Guide*, “FTFRCV” or “FTFSDR” on how Tivoli Data Exchange resolves the SYNC queue names.

TDE User Actions

Verify the following:

- Check the secondary return code and report any MQSeries specific errors to the MQSeries administrator.
- The configuration file for the correct specification of the SYNC queue names and the number of instances specified.
- Ensure that another instance of the component is not already running

TDE Administrator Actions

Define the necessary objects and cross-check the queue names with the MQSeries object definitions

MQSeries Administrator Actions

Verify that all MQSeries objects are defined.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_ERROR_CHECKING_DATA

Numeric Value

708

Description

Tivoli Data Exchange was unable to retrieve status data.

TDE User Actions

Resubmit the status request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

Verify the Tivoli Data Exchange's queue depths on the status queue.

- If the queue is full, a component in the system may have failed, preventing messages from being processed. Restart any failed components.
- If the queue is not full, contact Technical Support.

System Administrator Actions

None.

Comments

The status API may return this message if it cannot find the data or if the queues are full.

FTFRCE_UNABLE_TO_PROCESS_STAGE_ITEM

Numeric Value

711

Description

Tivoli Data Exchange was unable to successfully process the staged item. This error can occur during sending, purging, or querying.

TDE User Actions

Verify that the argument values supplied to the Tivoli Data Exchange command are correct. Verify that the associated file has been staged.

TDE Administrator Actions

None.

MQSeries Administrator Actions

Verify that the stage queues have the correct settings. Verify that these queues are get and put enabled.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_FILE_ERROR

Numeric Value

712

Description

Tivoli Data Exchange failed to open or close a file. Look for secondary error code for more explicit information.

TDE User Actions

Verify that input parameters of request are valid. Resubmit the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify the permissions and existence of the file.

Comments

Possible causes include permissions, access conflicts, and invalid parameters (file by name specified does not exist, path is not valid). This code is generic and generally is accompanied by a secondary error code such as FTFRCE_INVALID_FILEHANDLE or FTFRCE_INVALID_FILEMODE.

FTFRCE_MISSING_CONFIG_SECTION

Numeric Value

713

Description

A required section in the Tivoli Data Exchange configuration file is missing.

TDE User Actions

None.

TDE Administrator Actions

The required section is displayed as part of the message. Provide the section and value in the configuration file. Verify the format of the example provided in the Tivoli Data Exchange configuration file.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_UNABLE_TO_PROCESS_REQUEST

Numeric Value

714

Description

A general transmission failure has occurred and Tivoli Data Exchange was unable to successfully complete the transaction.

TDE User Actions

None.

TDE Administrator Actions

Verify that all Tivoli Data Exchange components are running. Verify the logs for further information about components and other errors.

MQSeries Administrator Actions

Verify that the MQSeries queue managers are running and configured correctly.

System Administrator Actions

Verify that the proper permissions are correct for the transaction.

Comments

None.

FTFRCE_INVALID_QUEUE_MANAGER_NAME

Numeric Value

715

Description

Tivoli Data Exchange was unable to validate the supplied queue manager.

TDE User Actions

Verify the queue manager names supplied in the transaction.

TDE Administrator Actions

Verify existence of any queue manager overrides in the Tivoli Data Exchange configuration file.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_RESEND_REQUEST

Numeric Value

716

Description

The block size is less than zero in the resend request sent to the Tivoli Data Exchange Sender from the Tivoli Data Exchange Receiver. Negative block sizes are invalid.

TDE User Actions

None.

TDE Administrator Actions

Verify the logs for more information. Call Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_FATAL_ERROR

Numeric Value

717

Description

Tivoli Data Exchange encountered a condition that prevents it from continuing to process. Other error codes signal specific conditions where values are missing. This error indicates a general error that was not trapped by the more specific errors. Tivoli Data Exchange will shut down when this error occurs.

TDE User Actions

None.

TDE Administrator Actions

Attempt to stop the remaining Tivoli Data Exchange components and restart them. Call Technical Support.

MQSeries Administrator Actions

Verify the statuses of the MQSeries queue managers.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INTERNAL_ERROR

Numeric Value

718

Description

Internal Tivoli Data Exchange processing has failed. Other error codes signal specific conditions where values are missing. This error indicates a general error that was not trapped by the more specific errors. Tivoli Data Exchange will remain running even through this error is encountered.

TDE User Actions

None.

TDE Administrator Actions

Attempt to stop the remaining Tivoli Data Exchange components and restart them. Call Technical Support.

MQSeries Administrator Actions

Verify the statuses of the MQSeries queue managers and the associated Tivoli Data Exchange queues. Verify for queue full conditions.

System Administrator Actions

None.

Comments

None.

FTFRCE_NO_STAGE_QUEUES_DEFINED

Numeric Value

719

Description

Tivoli Data Exchange was unable to access the stage queues.

TDE User Actions

None.

TDE Administrator Actions

Verify that the Tivoli Data Exchange configuration file is correct for the MQSeries configuration being used. Verify that the stage queue or stage pool is defined.

MQSeries Administrator Actions

Verify that the default Tivoli Data Exchange queues were created and verify that any override Tivoli Data Exchange queues were created. If override queues have not been created, create the queues and restart Tivoli Data Exchange.

System Administrator Actions

None.

Comments

None.

Messages and Codes
Error Messages

FTFRCE_SECURITY_ERROR

Numeric Value

720

Description

Tivoli Data Exchange was unable to validate the user that issued the request.

TDE User Actions

Verify that you have permissions to access the MQSeries objects.

TDE Administrator Actions

None.

MQSeries Administrator Actions

Verify that the userID issuing the request has permissions to access the MQSeries objects.

System Administrator Actions

None.

Comments

None.

FTFRCE_UNABLE_TO_RETRIEVE_USERID

Numeric Value

722

Description

Tivoli Data Exchange is unable to retrieve the userID that issued the request.

TDE User Actions

None.

TDE Administrator Actions

Call Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_SOURCE_FILENAME_NOT_SPECIFIED

Numeric Value

723

Description

No path to the source file was specified for the Tivoli Data Exchange transaction.

TDE User Actions

Verify that the source path was supplied for the Tivoli Data Exchange request. If you call the API directly, verify that you are supplying the source file information in the FTFRRequestMsgInfo data structure. If you are working with an interface, enter a source file name.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_DEST_FILENAME_NOT_SPECIFIED

Numeric Value

724

Description

No path to the destination file was specified for the Tivoli Data Exchange request.

TDE User Actions

Verify that the destination path and file name is supplied for the Tivoli Data Exchange transaction. If you call the API directly, verify that you are supplying the source file information in the FTFRRequestMsgInfo data structure. If you are working with an interface, enter a destination path and file name.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_SOURCE_QMGR_NOT_SPECIFIED

Numeric Value

725

Description

No source queue manager was specified for the Tivoli Data Exchange request. This error can occur when staged items are purged or queried.

TDE User Actions

Verify that the source queue manager was supplied for the Tivoli Data Exchange transaction. If you are calling the API directly, the source queue manager information is supplied to the FTFRRequestMsgInfo data structure. If you are using an interface, supply the source queue manager.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_DEST_QMGR_NOT_SPECIFIED

Numeric Value

726

Description

No destination queue manager was specified for the Tivoli Data Exchange request.

TDE User Actions

Verify that the destination queue manager was supplied for the Tivoli Data Exchange request and, if you are calling the API directly, be sure the target queue manager information is supplied in the FTFRRequestMsgIno data structure. If you are using an interface, supply the destination queue manager.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_DATA_POOL

Numeric Value

727

Description

Tivoli Data Exchange is unable to find the data pool associated with the transaction.

TDE User Actions

If you are not using the default pool, verify that the correct pool is being specified during the request.

TDE Administrator Actions

Verify that the Tivoli Data Exchange configuration file has the correct pool definitions.

MQSeries Administrator Actions

Verify that the queues associated with the pools have been created.

System Administrator Actions

None.

Comments

None.

FTFRCE_UNABLE_TO_RETRIEVE_SECURITY_CONTEXT

Numeric Value

728

Description

Tivoli Data Exchange failed to retrieve the context for the user that issued the Tivoli Data Exchange request.

TDE User Actions

None.

TDE Administrator Actions

Call Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_AS400_FILE_DIFFERS_FROM_SPECIFIED

Numeric Value

729

Description

AS/400 only. The AS400FT (AS400 File Type) specified is different from the existing target file's type. The AS400FT is specified in the configuration file and can be overridden by supplying the AS400FT argument in your interface.

TDE User Actions

Verify that the target file matches the AS400FT argument specified. Correct the value of the argument and reissue the command.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_AS400_INVALID_RCDLEN

Numeric Value

730

Description

AS/400 only. The rcdlen (record length) of an existing file is smaller than the rcdlen specified. The rcdlen defaults to 92 for Source Physical Files.

TDE User Actions

Verify that a value of the rcdlen argument is greater than or equal to the rcdlen of the existing target file.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_AS400_ERROR_CREATING_LIBRARY

Numeric Value

731

Description

AS/400 only. An error occurred while Tivoli Data Exchange was trying to dynamically allocate a new AS/400 library.

TDE User Actions

Verify that a valid library name has been specified. Be sure that the proper security access is enabled for the library.

TDE Administrator Actions

Verify that proper security access is enabled for the library.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that there is sufficient disk space to allocate the library.

Comments

None.

FTFRCE_AS400_CRTLIB_NOT_SPECIFIED

Numeric Value

732

Description

AS/400 only. The specified library does not exist and the crtlib (create library) argument was not used in your calling interface. In order to have the system dynamically allocate a library if it does not exist, you must specify the crtlib argument.

TDE User Actions

Specify the crtlib argument to dynamically allocate a new library and reissue the command. Valid values are YES or NO.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_AS400_ERROR_CREATING_SRCPF

Numeric Value

733

Description

AS/400 only. An error occurred while Tivoli Data Exchange was trying to dynamically allocate a Source Physical File (SRCPF). This error may occur under the following conditions:

- An invalid file name is given.
- There are security violations.
- There is not enough disk space.
- There is a sharing violation with the file.

TDE User Actions

Verify the following:

- Proper security access is enabled.
- A valid file name was specified.
- There is enough disk space available.

TDE Administrator Actions

Verify that proper security access is enabled.

MQSeries Administrator Actions

None

System Administrator Actions

Verify the following:

- Another process does not have the file locked.
- Another process is trying to allocate the file.
- There is sufficient disk space available.

Comments

None.

FTFRCE_AS400_NOREPLACE_SPECIFIED

Numeric Value

734

Description

AS/400 only. The target file's specified mode was NOREPLACE and the file already exists.

TDE User Actions

Use a mode of REPLACE or APPEND to overwrite or append to the target file.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_AS400_ERROR_CREATING_SAVEF

Numeric Value

735

Description

AS/400 only. An error occurred while Tivoli Data Exchange was trying to dynamically allocate a Save file. This error occurs in the following instances:

- An invalid file name is given.
- There are security violations.
- There is not enough disk space.
- There is a sharing violation with the file.

TDE User Actions

Verify whether the proper security access is enabled.

TDE Administrator Actions

Verify whether the proper security access is enabled on the specified file.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify the following conditions:

- Another process does not have the file locked and a process trying to be allocated using the file.
- There is sufficient disk space available.

Comments

None.

FTFRCE_AS400_ERROR_CLEARING_SAVEF

Numeric Value

736

Description

AS/400 only. An attempt was made to clear an existing SAVE file. A SAVE file must be cleared before any data can be written to it.

TDE User Actions

Verify whether the proper security access is enabled to the specified file.

TDE Administrator Actions

Verify whether the proper security access is enabled to the specified file.

MQSeries Administrator Actions

Verify whether the proper security access is enabled to the specified file.

System Administrator Actions

Verify whether the proper security access is enabled to the specified file.

Comments

None.

Messages and Codes
Error Messages

FTFRCE_NON_PERSIST_STAGE_DATA_NOT_FOUND

Numeric Value

737

Description

None.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_INVALID_DIRBLOCKS

Numeric Value

739

Description

OS/390 Only. A specified value for directory blocks is not valid. This error occurs under the following conditions:

- The target dataset specified is a PDS member.
- The PDS did not exist and Tivoli Data Exchange tried to dynamically allocate the target dataset.
- A negative directory block value was specified.

TDE User Actions

Specify a valid value for the number of directory blocks and reissue the request. You can specify a valid value either through the command arguments or through the configuration file.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_MODEL_DATASET

Numeric Value

740

Description

OS/390 Only. An invalid dataset name in the model dataset for the Generation Data Group (GDG) allocation has been specified.

TDE User Actions

Correct the dataset model specification and resubmit the transaction.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_FILE_CLOSE_FAILURE

Numeric Value

741

Description

Tivoli Data Exchange failed to close the file on either the sender or receiver side. The transaction fails.

TDE User Actions

Verify that the request input parameters are correct. Resubmit the request.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify the permissions and existence of the file.

Comments

None.

Messages and Codes
Error Messages

FTFRCE_CONFIG_FILE_NOT_FOUND

Numeric Value

742

Description

None.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_INVALID_FTFCFG_QUEUE

Numeric Value

743

Description

None.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_TIME_SLICING_FAILED

Numeric Value

744

Description

OS/390 Only. An invalid dataset name in the model dataset for the Generation Data Group (GDG) allocation has been specified.

TDE User Actions

Correct the dataset model specification and resubmit the transaction.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_INVALID_IMMED_STAGEONLY_COMBINATION

Numeric Value

745

Description

The use of the immediate and stageonly arguments in a command is not one that can be executed. The immediate argument calls for an instant synchronous data transfer between the Sender and Receiver. The stageonly argument transfers data to the staging area. The two commands are in conflict.

TDE User Actions

Split the command into two operations if both arguments need to be executed. Otherwise remove one of the arguments from the command and resubmit.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_INVALID_QMGR_LENGTH

Numeric Value

746

Description

The queue manager specified cannot be more than the length allowed by MQSeries for the queue manager name.

TDE User Actions

Correct the length of the queue manager name and reissue the command.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_QUERY_STAGE_FAILED

Numeric Value

750

Description

Tivoli Data Exchange failed to retrieve the staged items.

TDE User Actions

Verify that the source queue manager name is correct and reissue the command.

TDE Administrator Actions

Verify that Tivoli Data Exchange components are running and that the userID has permissions to the MQSeries objects.

MQSeries Administrator Actions

Verify that GET is enabled on the stage queues.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_DLL_LOAD_FAILED

Numeric Value

760

Description

Tivoli Data Exchange failed to retrieve the staged items.

TDE User Actions

Verify that the source queue manager name is correct and reissue the command.

TDE Administrator Actions

Verify that Tivoli Data Exchange components are running and that the userID has permissions to the MQSeries objects.

MQSeries Administrator Actions

Verify that GET is enabled on the stage queues.

System Administrator Actions

None.

Comments

None.

FTFRCE_DBCS_PROCESSING_FAILED

Numeric Value

761

Description

The DBCS argument has been specified as a command-line option and the Tivoli Data Exchange Sender could not process the input file correctly.

TDE User Actions

When DBCS is specified, writing records to the output file is handled differently than in a normal Tivoli Data Exchange data transfer. Verify that the msgsize argument contains a number large enough to contain the largest record. Change the arguments and reissue the command.

TDE Administrator Actions

None

MQSeries Administrator Actions

None

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_CHANGE_GROUP_FAILED

Numeric Value

770

Description

The Tivoli Data Exchange component issuing this error attempted to switch the group ID that it is running under and failed. The group ID that Tivoli Data Exchange attempts to switch to is the primary group ID of the user that initiated the request. This error will only be issued from an Tivoli Data Exchange Receiver running on UNIX.

TDE User Actions

None.

TDE Administrator Actions

Check the components logs to retrieve the user ID and group ID that Tivoli Data Exchange attempted to switch to. Verify that this user and group are valid and have authority to issue Tivoli Data Exchange requests.

MQSeries Administrator Actions

None

System Administrator Actions

Check the components logs to retrieve the user ID and group ID that Tivoli Data Exchange attempted to switch to. Verify that the group ID is a valid for the user that submitted the request.

Comments

None.

FTFRCE_CHANGE_OWNER_FAILED

Numeric Value

771

Description

The Tivoli Data Exchange component issuing this error attempted to change the ownership of the delivered file to that of the requestor. This error will only be issued from an Tivoli Data Exchange Receiver running on UNIX.

TDE User Actions

None.

TDE Administrator Actions

Check the components logs to retrieve the user ID that Tivoli Data Exchange attempted to change file ownership to.

MQSeries Administrator Actions

None

System Administrator Actions

None.

Comments

Verify the sudo has been configured for the user account which is running Tivoli Data Exchange and that this user account can execute chown without requiring a password.

Messages and Codes

Error Messages

FTFRCE_COMPRESS_FAILURE

Numeric Value

801

Description

An error detected during execution of the compression exit.

TDE User Actions

Verify that the compression DLL exit is located in the path.

TDE Administrator Actions

Verify that the directory is specified in the FTF_EXIT_PATH environment variable.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_DECOMPRESS_FAILURE

Numeric Value

802

Description

An error was detected during the execution of the decompression exit.

TDE User Actions

Verify that the decompression DLL exit is located in the path.

TDE Administrator Actions

Verify that the directory is specified in the FTF_EXIT_PATH environment variable.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_BUFFERTOOSMALL

Numeric Value

803

Description

Buffer used in decompression of data messages is too small.

TDE User Actions

Either:

- Resubmit the request without using file compression.
- Increase the message size parameter in the transfer request and resubmit the request (with compression).

TDE Administrator Actions

Call Technical Support.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

Tivoli Data Exchange should detect that the buffer size is too small and automatically reallocate sufficient space rather than fail the transaction.

FTFRCE_INVALID_INPUT

Numeric Value

804

Description

An invalid argument was detected in the specified interface.

TDE User Actions

Correct the arguments values and resubmit the command to the interface.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes
Error Messages

FTFRCE_MAX_MSG_SIZE_EXCEEDED

Numeric Value

805

Description

An invalid argument was detected in the specified interface.

TDE User Actions

Correct the arguments values and resubmit the command to the interface.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_CONNECTOR_SEND_FAILURE

Numeric Value

806

Description

An invalid argument was detected in the specified interface.

TDE User Actions

Correct the arguments values and resubmit the command to the interface.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_CONNECTOR_RECEIVE_FAILURE

Numeric Value

807

Description

An invalid argument was detected in the specified interface.

TDE User Actions

Correct the arguments values and resubmit the command to the interface.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_CONNECTOR_CONNECTOR_REQUIRED

Numeric Value

808

Description

This is a TPF-specific message designating that a connector is required for the transfer.

TDE User Actions

None.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_UNKNOWN_CONNECTOR_FILETYPE

Numeric Value

809

Description

When running the connector, a file type not expected was encountered.

TDE User Actions

Verify that the correct file type has been specified.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_XML_CONVERSION_FAILURE

Numeric Value

810

Description

There is a error in converting the data to XML.

TDE User Actions

Check the format of the data.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes
Error Messages

FTFRCE_XML_PROCESSING ERROR

Numeric Value

811

Description

There is an error processing the XML data.

TDE User Actions

Check the format of the data.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

FTFRCE_BATCHCOUNT_EXCEEDED

Numeric Value

812

Description

The internal buffer pointers have moved past the end of the allocated buffer array. The FTFSTATD component terminates.

TDE User Actions

Check for memory leaks in other applications or, if you have implemented a custom exit, check to see if it impinged on FTFSTATD's memory space. Restart the STATD component.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

Messages and Codes

Error Messages

FTFRCE_DATABASE_CONNECTION_ERROR

Numeric Value

813

Description

There is an ODBC connection failure when initializing the database environment prior to message offloading. The FTFSTATD component terminates.

TDE User Actions

Check the database connection setup and restart the STATD component.

TDE Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

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