



Informatica® PowerExchange  
10.0

# Message Reference Volume 3

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# Preface

This message reference is the third volume in a three-volume message reference. This reference provides explanations, system actions, and user responses for PowerExchange messages DTL0001 to DTL62569I and messages with the PWXEDM prefix. Also, this reference describes the abend, return, and reason codes that appear in PowerExchange messages.

For information about PowerExchange messages PWX-00100 to PWX-09999, see the *PowerExchange Message Reference Volume 1*.

For information about PowerExchange messages PWX-10000 to PWX-35999 and messages DTL\_BMG003 to DTL\_RPS105I, see the *PowerExchange Message Reference Volume 2*.

The message references apply to the following Informatica products:

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- PowerExchange for CA Datacom®
- PowerExchange for CA IDMS™
- PowerExchange for DB2® for i5/OS® and Flat Files
- PowerExchange for DB2 for Linux®, UNIX®, and Windows®
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# CHAPTER 1

## DTL0001 to DTL3004

This chapter includes the following topic:

- [DTL0001 to DTL3004: i5/OS Commands, 9](#)

## DTL0001 to DTL3004: i5/OS Commands

### **DTL0001E      PowerExchange Command Handler Message Queue was not found in library *library*.**

Explanation:      The PowerExchange command handler message queue was not found in the library that was specified in the CMDHDLRLIB parameter in a SNDDTLCMD or SNDPWXCMD command.

System Action:      SNDDTLCMD or SNDPWXCMD command processing ends.

User Response:      Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. Correct the library name in the CMDHDLRLIB parameter in the SNDDTLCMD or SNDPWXCMD command. Typically, this library is the DATALIB library.
3. Run the command again.

### **DTL0002E      Duplicate option specified on parameter *parameter*.**

Explanation:      In an i5/OS command, a duplicate option was entered for the specified parameter.

System Action:      PowerExchange command processing ends.

User Response:      Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the i5/OS command, remove the duplicate option from the specified parameter.
3. Run the command again.

### **DTL0003E      ALL must be the only value for parameter *parameter*.**

Explanation:      In a SNDDTLCMD or SNDPWXCMD command, an invalid value was entered for the specified parameter. The only valid value for the specified parameter is ALL.

System Action:      SNDDTLCMD or SNDPWXCMD command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the SNDDTLCMD or SNDPWXCMD command, set the specified parameter to ALL.
3. Run the command again.

**DTL0004E Trace condition must be specified for each program specified.**

Explanation: In a SNDDTLCMD or SNDPWXCMD command, trace conditions were omitted from programs specified in the command. A trace condition is required for each program that is specified in the command.

System Action: SNDDTLCMD or SNDPWXCMD command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. For each program that is specified in the SNDDTLCMD or SNDPWXCMD command, specify a trace condition.
3. Run the command again.

**DTL0005E One or more options must be specified for parameter *parameter*.**

Explanation: In an i5/OS command, the specified parameter did not contain any options. This parameter must contain at least one option.

System Action: PowerExchange command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the i5/OS command, enter one or more valid options for the specified parameter.
3. Run the command again.

**DTL0011E Library *library* already exists.**

Explanation: In a CRTPWXENV command, the CONDLIB, CPXLIB, or DATALIB parameter specifies a library that already exists.

System Action: CRTPWXENV command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, including the library parameter that specifies an existing library, press F1 in the message text on the console.
2. In the CRTPWXENV command, enter a different library name in the specified library parameter.
3. Run the command again.

**DTL0012E Library names must be different.**

Explanation: In a CRTPWXENV command, the same library name was entered in more than one library parameter. Each library parameter must specify a different library name.

System Action: CRTPWXENV command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, including the library name that is specified in multiple library parameters, press F1 in the message text on the console.
2. In the CRTPWXENV command, specify a different library name in each library parameter.
3. Run the command again.

**DTL0013E      A PowerExchange capture library must be specified if a PowerExchange Condense library is specified.**

Explanation: In a CRTPWXENV command, a PowerExchange Condense library was specified in the CONDLIB parameter, but the CPXLIB parameter was set to \*NONE. If a library is specified in the CONDLIB parameter, a PowerExchange capture library must be specified in the CPXLIB parameter.

System Action: CRTPWXENV command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the CRTPWXENV command, enter the PowerExchange capture library name in the CPXLIB parameter.
3. Run the command again.

**DTL0014E      PowerExchange Listener message queue was not found in library library.**

Explanation: The PowerExchange Listener message queue was not found in the specified library. This library was specified in a SNDLSTCMD command.

System Action: SNDLSTCMD command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the SNDLSTCMD command, correct the library name.
3. Run the command again.

**DTL0015E      A PowerExchange Listener task name is required.**

Explanation: A SNDLSTCMD command with the LSTCMD(STOPTASK) parameter did not specify a PowerExchange Listener task name. In this command, a PowerExchange Listener task name is required.

System Action: PowerExchange command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the command, enter the name of the PowerExchange Listener task in the STOPTASK parameter. For example:  
  
SNDLSTCMD LSTMSGQLIB(DATALIB) LSTCMD(STOPTASK) STOPTASK(MYAPP)
3. Run the command again.

<b>DTL0016E</b>	<b>Confirmation message queue <i>library/message_queue</i> was not found.</b>
Explanation:	The specified confirmation message queue was not found in the library specified in the CFMMSGQ parameter in a SNDLSTCMD command. This confirmation message queue is a user-defined message queue and not a PowerExchange message queue.
System Action:	SNDLSTCMD command processing ends.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. In the SNDLSTCMD command, enter a valid library name and message queue name in the CFMMSGQ parameter.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0017E</b>	<b>Confirmation message queue cannot be an internal PowerExchange message queue.</b>
Explanation:	The confirmation message queue specified in the CFMMSGQ parameter in a SNDLSTCMD command is an internal PowerExchange message queue, which is not allowed.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. In the SNDLSTCMD command, enter a valid library name and message queue name in the CFMMSGQ parameter. The message queue must be a user-defined confirmation message queue and must exist in the specified library. Do not specify any of the following message queue values: CHECKPOINT, CMDHANDLER, COLLECTOR, CONDENSE, CONTROLLER, DTLOS_MSGQ, DUMP, or LISTENER.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0018E</b>	<b>There is no active PowerExchange Listener running for library <i>library</i>.</b>
Explanation:	A parameter in a SNDLSTCMD command specifies a library that does not have an active PowerExchange Listener.
System Action:	SNDLSTCMD command processing ends.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. For the library specified in the library parameter in the SNDLSTCMD command, start the PowerExchange Listener, or specify a different library name in the library parameter in SNDLSTCMD command.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0019E</b>	<b>The ASPDEV parameter is not valid for OS/400 release level <i>level</i>.</b>
Explanation:	A library name was specified in the ASPDEV parameter in a CRTPWXENV command, but the specified version of the operating system does not support independent auxiliary storage pools (IASPs). IASPs were introduced in OS/400 release V5R2M0.
System Action:	CRTPWXENV command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the CRTPWXENV command, set the ASPDEV parameter to \*NONE.
3. Run the command again.

**DTL0020E ASP device device was not found or is not available.**

Explanation: In a CRTPWXENV command, an invalid device name was specified in the ASPDEV parameter. The specified device is not available or is not a valid ASP device name on this machine.

System Action: CRTPWXENV command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the CRTPWXENV command enter a valid device name in ASPDEV parameter.
3. Verify that the specified ASP device is available.
4. Run the command again.

**DTL0021E A PowerExchange Journal exit program library cannot be specified if a PowerExchange Condense library is not specified.**

Explanation: In a CRTPWXENV command, a PowerExchange Journal exit program library was specified in the EXTPGMLIB parameter, but a PowerExchange Condense library name was not specified in the CONDLIB parameter. If a library is specified in the EXTPGMLIB parameter, a PowerExchange Condense library must be specified in the CONDLIB parameter.

System Action: CRTPWXENV command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the CRTPWXENV command, either set the EXTPGMLIB parameter to \*NONE, or specify a PowerExchange Condense library name in the CONDLIB parameter.
3. Run the command again.

**DTL0022E A PowerExchange Journal exit program library must be specified.**

Explanation: In a CRTPWXENV command, the EXTPGMLIB parameter was set to \*NONE, which is an invalid value if a PowerExchange Condense library name is specified in the CONDLIB parameter and the PowerExchange environment is being created in an independent auxiliary storage pool (IASP).

System Action: CRTPWXENV command processing ends.

User Response: Perform the following actions:

1. If you want to display additional information for the message, press F1 in the message text on the console.
2. In the CRTPWXENV command, specify a PowerExchange Journal exit program name in the EXTPGMLIB parameter.
3. Run the command again.

**DTL0023E                      Journal exit program library must be set to \*NONE.**

Explanation:                      In a CRTPWXENV command, a PowerExchange Condense library name was specified in the CONDLIB parameter, and a PowerExchange Delete Journal Receiver exit program name was specified in the EXTPGMLIB parameter. However, the EXTPGMLIB parameter must be set to \*NONE if the PowerExchange environment is not being created in an independent auxiliary storage pool (IASP).

System Action:                      The PowerExchange Condense library specified in the CONDLIB parameter is used as the PowerExchange Delete Journal Exit program library.

User Response:                      Perform the following actions:

1.    If you want to display additional information for the message, press F1 in the message text on the console.
2.    If you do not want to use the PowerExchange Condense library as the PowerExchange Delete Journal Exit program library, specify a different library name in the EXTPGMLIB parameter.
3.    Run the command again.

**DTL0024E                      The file *file* was found in library *library*.**

Explanation:                      During installation, PowerExchange detected the specified file, which is required for PowerExchange processing, in the specified library, which is part of the system portion of the library list. The existence of the specified file in the system portion of the library list will cause the installation to fail, so PowerExchange ends the installation process.

System Action:                      PowerExchange installation processing stops. No files are created.

User Response:                      Perform the following actions:

1.    If you want to display additional information for the message, press F1 in the message text on the console.
2.    Remove the specified file from the specified library.
3.    Start the installation again.

**Note:** If, for operational reasons, the specified file must be located in the system portion of the library list, abandon the installation and contact Informatica Global Customer Support.

**DTL0025E                      RMTSYSNAME must be set to \*NONE if RMTRDBDIRE is set to \*LOCAL.**

Explanation:                      In a CRTPWXENV command, the RMTRDBDIRE parameter was set to \*LOCAL, but the RMTSYSNAME parameter was not set to \*NONE. If the RMTRDBDIRE parameter is set to \*LOCAL, the RMTSYSNAME must be set to \*NONE.

System Action:                      CRTPWXENV command processing ends.

User Response:                      Perform the following actions:

1.    If you want to display additional information for the message, press F1 in the message text on the console.
2.    In the CRTPWXENV command, set the RMTSYSNAME parameter to \*NONE.
3.    Run the command again.

<b>DTL0026E</b>	<b>RMTSYSNAME must be specified if RMTRDBDIRE is not set to *LOCAL.</b>
Explanation:	In a CRTPWXENV command, the RMTRDBDIRE parameter was set to a value other than *LOCAL, but the RMTSYSNAME parameter was set to *NONE. If the RMTRDBDIRE parameter is not set to *LOCAL, the RMTSYSNAME must be set to an entry that is defined in the "Work with TCP/IP host table entries" function.
System Action:	CRTPWXENV command processing ends.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. In the CRTPWXENV command, set the RMTSYSNAME parameter to an entry defined in the "Work with TCP/IP host table entries" function, and set the RMTRDBDIRE parameter to an entry that is defined in the "Work with Relational Database Directory Entries (WRKRDBDIRE)" function.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0027E</b>	<b>The remote DB directory entry entry is not valid</b>
Explanation:	In a CRTPWXENV command, the entry specified in the RMTRDBDIRE parameter was not found in the directory listing or failed PowerExchange validation.
System Action:	CRTPWXENV command processing ends.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. In the CRTPWXENV command, set the RMTRDBDIRE parameter to an entry that is defined in the "Work with Relational Database Directory Entries (WRKRDBDIRE)" function. The entry cannot be an entry associated with the local machine or the loopback address, or an entry with a remote location of *ARDPGM (Application Requester Driver).</li> <li>3. Run the command again.</li> </ol>
<b>DTL0028E</b>	<b>The remote system name entry is not valid.</b>
Explanation:	In a CRTPWXENV command, the entry specified in the RMTSYSNAME parameter was not found in the host table entries, or specifies the local machine.
System Action:	CRTPWXENV command processing ends.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. In the CRTPWXENV command, set the RMTSYSNAME parameter to an entry that is defined in the "Work with TCP/IP host table entries" function. The entry cannot be the machine where the CRTPWXENV command is running.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0029E</b>	<b>RMTASPDEV must be set to * if RMTRDBDIRE is set to *LOCAL.</b>
Explanation:	In a CRTPWXENV command, the RMTRDBDIRE parameter was set to *LOCAL, but the RMTASPDEV parameter was not set to *. If the RMTRDBDIRE parameter is set to *LOCAL, the RMTASPDEV parameter must be set to *.

System Action:	CRTPWXENV command processing ends.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. In the CRTPWXENV command, set the RMTASPDEV parameter to *.</li> <li>3. Run the command again.</li> </ol>
<b>DTL2001I</b>	<b>The PowerExchange Listener has no active tasks.</b>
Explanation:	The PowerExchange Listener has no active tasks. This message is displayed in response to a SNDLSTCMD command issued with the DISPLAY DISPLAYOPT(ACTIVE) parameter.
User Response:	No response is required.
<b>DTL3001I</b>	<b>The application <i>application</i> finished processing entries from receiver <i>receiver</i> in library <i>library</i>.</b>
Explanation:	<p>The application specified in a command finished processing entries from the specified receiver in the specified library and released the lock on the journal receiver that prevented the receiver from being deleted.</p> <p><b>Note:</b> This message is displayed during PowerExchange CDC processing if AS4JRNEXIT=Y is specified on the AS4J CAPI_CONNECTION statement and the AS400EVENTMSGQ statement is included in the DBMOVER configuration file on i5/OS.</p>
System Action:	PowerExchange CDC processing continues.
User Response:	Perform the following actions: <ol style="list-style-type: none"> <li>1. If you want to display additional information for the message, press F1 in the message text on the console.</li> <li>2. Perform any necessary actions for the specified journal receiver.</li> </ol>
<b>DTL3002W</b>	<b>The application <i>application</i> ignored operation <i>operation</i> on file <i>file</i> in library <i>library</i> to continue PowerExchange CDC processing.</b>
Explanation:	<p>A journal entry for a CLRPFM command was encountered. To enable PowerExchange change data capture (CDC) processing to continue, the specified application ignored the specified operation on the specified file in the specified library. PowerExchange cannot replicate changes made by a CLRPFM command.</p> <p><b>Note:</b> This message is displayed during PowerExchange CDC processing if ALWCLRPFM=Y is specified on the AS4J CAPI_CONNECTION statement and the AS400EVENTMSGQ statement is included in the DBMOVER configuration file on i5/OS.</p>
System Action:	PowerExchange CDC processing continues, but data integrity might be compromised for any targets to which changes are applied.
User Response:	No response is required. If you want to display additional information for the message, press F1 in the message text on the console.



**DTL3003I                    PowerExchange has processed add event *event\_identifier*.**

Explanation:            PowerExchange successfully processed an \*ADDLIB event in the DB2 for i5/OS journal that is specified in a SNDPWXJRNE refresh request for the CDC library interest list. PowerExchange writes this message to the message queue that is specified in the AS400EVENTMSGQ statement of the DBMOVER member if you include the ALWLIBRFSH=Y parameter in the AS4J CAPI\_CONNECTION statement and specify an **Event Identifier** value in the SNDPWXJRNE command.

User Response:        No response is required.

**DTL3004I                    PowerExchange has processed delete event *event\_identifier*.**

Explanation:            PowerExchange successfully processed a \*DLTLIB event in the DB2 for i5/OS journal that is specified in a SNDPWXJRNE refresh request for the CDC library interest list. PowerExchange writes this message to the message queue that is specified in the AS400EVENTMSGQ statement of the DBMOVER member if you include the ALWLIBRFSH=Y parameter in the AS4J CAPI\_CONNECTION statement and specify an **Event Identifier** value in the SNDPWXJRNE command.

User Response:        No response is required.

## CHAPTER 2

# DTL58001 to DTL62591

This chapter includes the following topic:

- [DTL58001R to DTL62569I: Batch VSAM ECCR, 18](#)

## DTL58001R to DTL62569I: Batch VSAM ECCR

This section contains messages for the VSAM batch environmental change capture routine (ECCR).

### **DTL58001R      VCC Reply RETRY/ABEND/IGNORE.**

Explanation: The batch VSAM ECCR detected a service request error, as identified in a previous error message.

System Action: The batch VSAM ECCR issues a WTOR requesting operator intervention and waits for the operator response.

User Response: Complete one of the following actions:

- To continue without the service request, reply ABEND or IGNORE.
- Otherwise, eliminate the cause of the error and reply RETRY.

### **DTL58004I      VCC VCCDIR storage directory exceeded.**

Explanation: The storage directory, *VCCDIR*, is not large enough to contain all of the requested anchor storage directory entries in your address space or partition. This is an internal processing error.

System Action: The batch VSAM ECCR does not anchor the storage in *VCCDIR*.

User Response: Contact Informatica Global Customer Support.

### **DTL58005I      VCC length bytes [STORAGE | GETMAIN] error REG15=nnn(xx).**

Explanation: The program was unable to acquire virtual storage.

In the message text:

- *length* is the virtual storage length.
- *nnn* is the macro name.
- *xx* is the VSAM return code.

System Action: The batch VSAM ECCR aborts the request.

User Response: For a description of the return code, see the appropriate IBM manual.

<b>DTL58006I</b>	<b>VCC <i>length</i> bytes <i>address</i> {STORAGE FREEMAIN} error REG15=<i>nnn</i>(<i>xx</i>).</b>
Explanation:	The batch VSAM ECCR encountered an error was encountered when it tried to release virtual storage.  In the message text: <ul style="list-style-type: none"> <li>• <i>length</i> is the virtual storage length.</li> <li>• <i>address</i> is the virtual storage address.</li> <li>• <i>nnn</i> is the macro name.</li> <li>• <i>xx</i> is the VSAM return code.</li> </ul>
System Action:	The batch VSAM ECCR aborts the request.
User Response:	For a description of the return code, see the appropriate IBM manual.
<b>DTL58007I</b>	<b>VCC <i>module_name</i> not found [in <i>ddname</i>].</b>
Explanation:	The batch VSAM ECCR tried to load module <i>module_name</i> into virtual storage, but could not find the module in the search sequence of libraries or, if applicable, in the private library <i>ddname</i> .
System Action:	The batch VSAM ECCR aborts the request.
User Response:	Verify that the library containing the module is included in your JOBLIB or STEPLIB concatenation. Rerun the job.
<b>DTL58011I</b>	<b>VCC {RESERVE ENQ DEQ} error RETCD=<i>nnn</i>(<i>xx</i>) QNAME=<i>qname</i> RNAME=<i>rname</i>.</b>
Explanation:	Processing for the macro <i>nnn</i> encountered an error while attempting to acquire or release exclusive control of enqueue name <i>qname</i> and resource name <i>rname</i> .  In the message text: <ul style="list-style-type: none"> <li>• <i>error</i> is the error encountered by the batch VSAM ECCR.</li> <li>• <i>nnn</i> is the macro name.</li> <li>• <i>xx</i> is the VSAM return code.</li> <li>• <i>qname</i> is the enqueue name.</li> <li>• <i>rname</i> is the resource name.</li> </ul>
System Action:	The batch VSAM ECCR aborts the request.
User Response:	For a description of the return code, see the appropriate IBM manual.
<b>DTL58012I</b>	<b>VCC <i>ddname</i> could not be opened for {input output update} REG15=<i>nnn</i>(<i>xx</i>) [ACBERFLG=<i>nnn</i>(<i>xx</i>)] [<i>data_set</i>].</b>
Explanation:	The VSAM ECCR encountered an error while attempting to open file <i>ddname</i> for input, output, or update.  In the message text: <ul style="list-style-type: none"> <li>• <i>ddname</i> is the file that VSAM ECCR was trying to open.</li> <li>• <i>nnn</i> is the macro name.</li> <li>• <i>xx</i> is the VSAM return code.</li> <li>• ACBERFLG=<i>nnn</i>(<i>xx</i>) is the macro name and error code, which is displayed if file <i>ddname</i> was a VSAM file.</li> </ul>

- *data\_set* is the data set name.
- System Action: The batch VSAM ECCR aborts the request.
- *nnn* is the macro name.
  - *xx* is the VSAM return code.
- User Response: To determine the cause of the error, use the error codes *nnn(xx)* and the associated IBM open error message.

**DTL58013I VCC ddname could not be closed REG15=nnn(xx) [ACBERFLG=nnn(xx)] [data\_set].**

- Explanation: When the VSAM ECCR tried to close file *ddname*, an error occurred.
- In the message text:
- *ddname* is the file that VSAM ECCR was trying to close.
  - *nnn* is the macro name.
  - *xx* is the VSAM return code.
  - ACBERFLG=*nnn(xx)* is the macro name and error code, which appears if file *ddname* is a VSAM file.
  - *data\_set* is the data set name.
- System Action: The batch VSAM ECCR aborts the request.
- User Response: Determine the error from the error codes, *nnn(xx)*, and the associated IBM close error message.

**DTL58014I VCC ddname could not be TCLOSED REG15=nnn(xx) [ACBERFLG=nnn(xx)][data\_set].**

- Explanation: An error occurred while attempting to TCLOSE file *ddname* (CLOSE TYPE=T). If the file was a VSAM file, the ACB error flag is indicated in the message. The data set name may also be in the message.
- System Action: The batch VSAM ECCR aborts the request.
- User Response: For a description of the return code, see the appropriate IBM manual.

**DTL58017I VCC ddname DD name too long for CONCAT/COPIES.**

- Explanation: The value of UCCCOPY resulted in an attempt to generate a new *ddname* longer than eight characters. The length of the sequential qualifier plus the length of *ddname* determines the total length of the DD name to be generated.
- System Action: The batch VSAM ECCR aborts the request.
- User Response: Contact Informatica Global Customer Support.

**DTL58018I VCC ddname maximum record length exceeded.**

- Explanation: The ECCR attempted to write a record that is longer than the definition of the file (*ddname*) accepts.
- System Action: The batch VSAM ECCR aborts the request.
- User Response: Verify that the length of the record is small enough to be accepted by the file, or increase the maximum record length of the file.

**DTL58019I            VCC *ddname* minimum record length too short.**

Explanation:        The ECCR attempted to write a record that is shorter than the definition of the file (*ddname*) will accept.

System Action:     The batch VSAM ECCR aborts the request.

User Response:     Verify that the length of the record is large enough to be accepted by the file, increase the minimum record length, or if a keyed file, decrease the key length or relative key position.

**DTL58020I            VCC VCCSERV *csectrequestname* VCCSERV+xxxxxx. Request not supported.**

Explanation:        An internal logic error occurred. This is an internal processing error used for debugging.

System Action:     The request is aborted with an abnormal termination.

User Response:     Record the contents of the error message and contact Informatica Global Customer Support.

**DTL58021I            VCC *macro* error REG15=*nnn(xx)* [REG0=*nnn(xx)*].**

Explanation:        An error occurred while attempting to issue the specified macro.

System Action:     The batch VSAM ECCR aborts the request.

User Response:     Record the return codes, *nnn(xx)*, and see the description in the appropriate IBM manual to determine your action.

**DTL58022I            VCC *ddname macro* error REG15=*nnn(xx)* [REG0=*nnn(xx)*].**

Explanation:        An error occurred while attempting to issue the specified macro. This macro was issued on behalf of a file request.

System Action:     The batch VSAM ECCR aborts the request.

User Response:     Record the return codes, *nnn(xx)*, and see the description in the appropriate IBM manual to determine your action.

**DTL58023I            VCC *ddname* REG15=*nnn(xx)* RPLERRCD=*nnn(xx)* *message*.**

Explanation:        A VSAM error was encountered. The *ddname*, the return code, the RPL error code, and a *message* are displayed. The text of *message* is the VSAM ECCRs interpretation of the VSAM error information. A register 15 value of 8 and an RPLERRCD of 92 (5C) usually indicates an out-of-sync condition between the primary and alternate control data sets (CDSs). Action varies according to the type of VSAM error.

System Action:     If the message is considered a warning, the request continues. Otherwise, The batch VSAM ECCR aborts the request.

User Response:     See the appropriate IBM VSAM manual for a complete description of the return codes to help you diagnose the error. If you cannot correct the error, contact Informatica Global Customer Support.

In the case of a RPLERRCD of 92 (5C), compare the primary and alternate CDSs to identify any differences. If you determine that one data set is missing some of the records that exist in the other, use IDCAMS to delete/define the smaller data set, and then REPRO the larger. If you are unable to verify that one CDS is complete, you may need to combine the records in both to build a new CDS that contains all records.

<b>DTL58024I</b>	<b><i>VCC ddname physical error SYNADAF message text.</i></b>
Explanation:	A QSAM physical error (SYNAD) was encountered while processing <i>ddname</i> . A message buffer associated with the SYNAD is displayed.
System Action:	The batch VSAM ECCR aborts the request.
User Response:	See the appropriate IBM manual for a complete description of the associated error message. Restore the data set and execute the program again.
<b>DTL58026I</b>	<b><i>VCC ddname physical error SYNADAF message text.</i></b>
Explanation:	A BSAM physical error (SYNAD) was encountered while processing <i>ddname</i> . A message buffer associated with the SYNAD is displayed.
System Action:	The batch VSAM ECCR aborts the request.
User Response:	See the appropriate IBM manual for a complete description of the associated error message. Restore the data set and execute the program again.
<b>DTL58028I</b>	<b><i>VCC ddname message SYNADAF message text.</i></b>
Explanation:	A BDAM physical error (SYNAD) was encountered while processing <i>ddname</i> . A message buffer associated with the SYNAD is also displayed.
System Action:	The batch VSAM ECCR aborts the request.
User Response:	See the appropriate IBM manual for a complete description of the associated error message. Restore the data set and execute the program again.
<b>DTL58030I</b>	<b><i>VCC ddname message SYNADAF message text.</i></b>
Explanation:	An ISAM physical error (SYNAD) was encountered while processing <i>ddname</i> . A message buffer associated with the SYNAD is also displayed.
System Action:	The batch VSAM ECCR aborts the request.
User Response:	See the appropriate IBM manual for a complete description of the associated error message. Restore the data set and execute the program again.
<b>DTL58033I</b>	<b><i>VCC ddname abcode abend error.</i></b>
Explanation:	A system abend was encountered for the data set referred to by <i>ddname</i> .
System Action:	The batch VSAM ECCR aborts the request.
User Response:	See the appropriate IBM manual for a complete description of the associated abend code.
<b>DTL58034I</b>	<b><i>VCC ddname physical error.</i></b>
Explanation:	A physical error was encountered for the data set referred to by <i>ddname</i> .
System Action:	The batch VSAM ECCR aborts the request.
User Response:	This message is accompanied by an IBM error message. See the appropriate IBM manual for a description of the associated error message.

<b>DTL58035I</b>	<b>VCC <i>ddname</i> wrong length record.</b>
Explanation:	A wrong-length record was encountered for the data set referred to by <i>ddname</i> . The input buffer is not large enough to contain the contents of a record.
System Action:	The batch VSAM ECCR aborts the request.
User Response:	This message is accompanied by an IBM error message. See the appropriate IBM manual for a description of the associated error message.
<b>DTL58036E</b>	<b>VCC <i>ddname</i> file is not open.</b>
Explanation:	The file must be opened before your request to modify it can be processed.
System Action:	The request for modification is ignored.
User Response:	Verify the file is open before attempting to modify it.
<b>DTL58037I</b>	<b>VCC <i>ddname</i> file is already open.</b>
Explanation:	A request to open a file was made to a file that is already open. This is an internal processing error.
System Action:	The batch VSAM ECCR aborts the request.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58038I</b>	<b>VCC <i>ddname</i> filename missing.</b>
Explanation:	The file identified by <i>ddname</i> cannot be found.
System Action:	The batch VSAM ECCR aborts the request.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58491I</b>	<b>VCC VCCJCLOC error REG15=<i>nnn</i>(<i>xx</i>) TUKEY=(<i>xxxx</i>).</b>
Explanation:	A dynamic allocation function was requested and an error was detected in the JCL parsing routine or in the parameter list used by VCCSVC99 and VCCJCLOC. The VCCJCLOC return code and the affected text unit key are displayed.
System Action:	The text unit in error is ignored.
User Response:	This is an internal processing error. Contact Informatica Global Customer Support.
<b>DTL58492I</b>	<b>VCC DYNALLOC PARM list length=<i>length</i>.</b>
Explanation:	A dynamic allocation function was requested. This message displays the length of the dynamic allocation parameter list that was generated. This debugging message is specified only if tracing is being performed.
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL58493I</b>	<b>VCC DYNALLOC text units {pointer list area} exceeded.</b>
Explanation:	A dynamic allocation function was requested and the dynamic allocation parameter list was exceeded. This is an internal processing error.
System Action:	The dynamic allocation request is aborted.
User Response:	Contact Informatica Global Customer Support.

<b>DTL58494I</b>	<b>VCC DYNALLOC error REG15=nnn(xx).</b>
Explanation:	A dynamic allocation function was requested and an error occurred when issuing the SVC 99. The SVC 99 return code is displayed. This is an internal processing error.
System Action:	The dynamic allocation request is aborted.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58495I</b>	<b>VCC DYNALLOC error-info reason code=(xxxx-xxxx).</b>
Explanation:	A dynamic allocation function was requested and an error occurred when issuing the SVC 99. The SVC 99 error and reason codes are specified in hexadecimal. This is an internal processing error.
System Action:	The dynamic allocation request is aborted.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58498I</b>	<b>VCC DYNALLOC message.</b>
Explanation:	A dynamic allocation function was requested and an error occurred when issuing the SVC 99. The SVC 99 error and reason description is specified in the message. This is an internal processing error.
System Action:	The dynamic allocation request is aborted.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58499I</b>	<b>VCC jclstmt.</b>
Explanation:	A dynamic allocation function was requested and an error occurred when issuing the SVC 99. The JCL statement in error is displayed. This is an internal processing error.
System Action:	The dynamic allocation request is aborted.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58504E</b>	<b>VCC parmname is an unrecognized parameter.</b>
Explanation:	The product does not recognize the indicated parameter. Only the first eight characters are displayed in the message text. This is an internal processing error. The registration request is bypassed.
System Action:	Processing continues with the next request.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58505E</b>	<b>VCC Keyword parmname must be followed by a ( or =.</b>
Explanation:	The parameter name in the message text was not followed by either a left parenthesis or an equal sign. This is an internal processing error. The registration request is bypassed.
System Action:	Processing continues with the next request.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58513I</b>	<b>VCC Key = key successfully {updated added deleted}.</b>
Explanation:	The key in the message was successfully added, deleted, or updated according to your request.
System Action:	Processing continues.



User Response:	No response is required.
<b>DTL58514I</b>	<b>VCC Key <i>key</i> not found - could not be deleted.</b>
Explanation:	A delete was requested for a record of the indicated key, but the key could not be found in the control data set. This is an internal processing error.
System Action:	The automatic registration process is terminated.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58517E</b>	<b>VCC Invalid subparameter length for <i>parmname</i>.</b>
Explanation:	The subparameter name in the message text was specified with too many characters of data. This is an internal processing error.
System Action:	The requested action is bypassed.
User Response:	Contact Informatica Global Customer Support.
<b>DTL58527E</b>	<b>VCC <i>subparameter</i> is an invalid subparm for <i>parameter</i>.</b>
Explanation:	The indicated <i>subparameter</i> is not valid for the parameter.
System Action:	The command is rejected. Processing continues.
User Response:	Correct the control statement and run the job again. For more information on controlling the VSAM ECCR, see <i>PowerExchange CDC Guide for z/OS</i> .
<b>DTL58541E</b>	<b>VCC Invalid control statement continuation.</b>
Explanation:	When a "." (blank, hyphen) is used in a control statement, the next record encountered must be a continuation of the control statement.
System Action:	The command is rejected. Processing continues.
User Response:	Check the control statement and correct the continuation record as needed, or remove the continuation character. Then, run the change capture job again.
<b>DTL58571I</b>	<b>VCC KEY=<i>key</i> successfully {added updated deleted}.</b>
Explanation:	The record identified by key was processed normally.
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL60163S</b>	<b>VCC System error R15(<i>return_code</i>), R0(<i>feedback_code</i>).</b>
Explanation:	An environmental or other internal error occurred.
System Action:	Processing ends.
User Response:	Save all job output and contact Informatica Global Customer Support.
<b>DTL60164E</b>	<b>VCC Interface module <i>module_name</i> could not be loaded.</b>
Explanation:	The program <i>module_name</i> was specified in the VCCCOPT table but could not be loaded.
System Action:	Initialization continues with the next parameter.
User Response:	Contact Informatica Global Customer Support.

<b>PWX60165I</b>	<b>VCC VSAM CHANGE CAPTURE ACTIVE</b>
Explanation:	VSAM change capture is active.
User Response:	No response is required.
<b>DTL60166E</b>	<b>VCC Interface module <i>module_name</i> disabled after failure.</b>
Explanation:	An error occurred in the program <i>module_name</i> .
System Action:	The program <i>module_name</i> is disabled for the remainder of processing in the current job step. Job processing continues.
User Response:	Save the job output and contact the interface vendor.
<b>DTL60175E</b>	<b>VCC VFL requires MVS/ESA Version 4 or above.</b>
Explanation:	VSAM Forklift (VFL) support was specified in the VCCCOPT table but the job is not running under a release of MVS/ESA SP4 or later.
System Action:	VFL initialization ends. Job processing continues.
User Response:	If VFL is required, rerun the job under MVS/ESA Version 4.3 or later.
<b>DTL60176E</b>	<b>VCC VCCCOPT <i>parameter=value</i> required in down-level MVS.</b>
Explanation:	VSAM Forklift (VFL) support was specified in the VCCCOPT table, but a parameter is missing that is required when the job is not running under a release of MVS/ESA SP4 or later. VFL initialization ends.
System Action:	Job processing continues.
User Response:	If VFL is required, rerun the job under MVS/ESA Version 4.3 or later.
<b>DTL60222S</b>	<b>VCC Internal logic error, R0(<i>fbc</i>) R15(<i>rc</i>). <i>subsysid</i></b>
Explanation:	An internal logic error has been detected. The feedback code ( <i>fbc</i> ) and the return code ( <i>rc</i> ) are listed.
System Action:	The job abends with a U0356 abend code.
User Response:	Contact your Informatica Corporation technical support representative and provide the return code ( <i>rc</i> ).
<b>DTL60500I</b>	<b>VCC Journaling in effect for <i>programdataset</i>.</b>
Explanation:	The batch journaling feature has begun journaling changes to the indicated data set on behalf of the indicated <i>program</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL60501S</b>	<b>VCC Journaling not in effect for <i>programdataset</i>.</b>
Explanation:	The batch journaling feature was attempting to journal changes to the indicated <i>dataset</i> on behalf of the indicated <i>program</i> and encountered an error.
System Action:	The system performs one of the following actions, based on how the JRNLEERR parameter of the VSAM ECCR journal control table (VCCJCT) was specified: <ul style="list-style-type: none"> <li>• ABEND</li> </ul>

- The batch job step abnormally ends.
- NOABEND
- Journaling does not take place; batch job processing continues. This is the default.
- OPERATOR
- The console operator must specify the action to be taken.

User Response: See the accompanying messages.

**DTL60502I**      ***VCC nnnn fileid journal records were inserted by exit exit\_pgm.  
nnnnfileid journal records were deleted by exit exit\_pgm.  
nnnnfileid journal records were created on dataset.  
nnnnfileid log records were created on dataset.***

Explanation: These messages are statistical, where *nnnn* identifies the number of records and *fileid* identifies the VSAM file. The installation-written exit program is identified by *exit\_pgm* and the journal or log is identified by *dataset*.

System Action: Processing continues.

User Response: No response is required.

**DTL60503I**      ***VCC {JNL|LOG}  
(OPN=nnn, RDU=nnn, ADD=nnn, UPD=nnn, DEL=nnn, TOT=nnn) data\_set.  
- or -  
{KSDS|ESDS|RSDS|PATH}  
(OPN=nnn, RDU=nnn, ADD=nnn, UPD=nnn, DEL=nnn, CLO=nnn) data\_set.***

Explanation: The first form of this message reports the number of journal records written to journal (JNL) and/or log (LOG) for each activity and the name of the journal or log data set. The activities are opens (OPN), reads-for-update (RDU), adds (ADD), updates (UPD), deletes (DEL), and closes (CLO). TOT reflects the sum of the other activity records.

The second form reports the type of VSAM file being journaled, the type and quantity of each activity, and the name of the VSAM data set. OPN and CLO reflect the number of records in the data set when it was opened or closed.

System Action: Processing continues.

User Response: No response is required.

**DTL60504I**      ***VCC Has been terminated by exit exit\_routine.***

Explanation: A user-defined exit routine (*exit\_routine*) requested that change capture processing be terminated.

System Action: VSAM ECCR processing ends.

User Response: Determine why the installation exit program requested the termination.

**DTL60505S**      ***VCC ddname Spanned CI processing is not supported.***

Explanation: An attempt was made to capture changes from the *ddname* VSAM file. The VSAM file contains spanned records, and it was accessed in control interval (CI) mode. The VSAM ECCR does not support CI processing for spanned records.

System Action:	VSAM ECCR processing ends.
User Response:	Do not attempt to capture changes for a file containing spanned records if it is being accessed in control interval mode. Exclude the program or cancel the registration for the VSAM source file.
<b>DTL60506S</b>	<b>VCC <i>ddname</i> VSAM organization not supported.</b>
Explanation:	An attempt was made to capture changes from the <i>ddname</i> VSAM file. The VSAM file organization was not KSDS, ESDS, or RRDS.
System Action:	The job continues and changes will not be captured.
User Response:	Do not attempt to capture changes from VSAM files that are not KSDS, ESDS, or RRDS. Turn off the registration for the VSAM source file.
<b>DTL60507S</b>	<b>VCC <i>ddname</i> VSAM {SHOWCB TESTCB} error. REG0=<i>nnn</i>(<i>xx</i>).</b>
Explanation:	The VSAM ECCR received a nonzero return code when it executed the macro shown in the message.
System Action:	VSAM ECCR processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL60508E</b>	<b>VCC <i>ddname</i> DYNALLOC error <i>xxxx-xxxx</i> [<i>text</i>].</b>
Explanation:	An error was encountered while attempting to dynamically allocate the primary or alternate control data set (CDS). The code ( <i>xxxx-xxxx</i> ) indicates the error and reason codes returned to SVC 99.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL60510I</b>	<b>VCC <i>fileid</i> {log journal} buffers saved to <i>dataset</i>.</b>
Explanation:	The contents of the log or journal buffers for the VSAM file identified by <i>fileid</i> were saved to the emergency log data set identified by data set.
System Action:	Processing continues.
User Response:	No response is required. The emergency log data set should be concatenated with other journals if a backout becomes necessary.
<b>DTL60511I</b>	<b>VCC <i>fileid</i> {log journal} buffers not saved-no before images in memory.</b>
Explanation:	No before-image records were found in memory.
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL60516S</b>	<b>VCC Storage at <i>address</i> has been corrupted.</b>
Explanation:	The storage at address has been destroyed.
System Action:	VSAM ECCR processing ends.
User Response:	Contact Informatica Global Customer Support.

<b>DTL60517S</b>	<b>VCC VSAM path or base cluster component is not in the JCT for ddname=ddname.</b>
Explanation:	The VSAM ECCR's journal control table (VCCJCT) must contain both the base cluster of a sphere and related paths, but one of the components ( <i>ddname</i> ) was missing.
System Action:	Message DTL60501S follows.
User Response:	Contact Informatica Global Customer Support.
<b>DTL60566S</b>	<b>VCC VCC0192A was not found in JOBLIB/STEPLIB.</b>
Explanation:	The VCC0192A module was not found in the JOBLIB or STEPLIB concatenation. This module is required for VSAM ECCR processing.
System Action:	VSAM ECCR processing ends.
User Response:	Make sure that either a JOBLIB or STEPLIB DD statement is specified in the change capture job, that the specified library is APF-authorized, and that the library contains the VCC0192A module. Then, run the job again.
<b>DTL60570S</b>	<b>VCC SOC3 ABEND requested for <i>moduleexitdata_set</i>.</b>
Explanation:	An error occurred while the indicated module was capturing changes from the indicated <i>data_set</i> . The VSAM exit that was being processed is also indicated.
System Action:	The VSAM ECCR ends with a SOC3 abend whenever a severe error is encountered.
User Response:	See the accompanying messages.
<b>DTL60571E</b>	<b>VCC <i>abcode</i> ABEND encountered in module [<i>exitdata_set</i>].</b>
Explanation:	An abend occurred in the indicated module while the journaling program was journaling changes.
System Action:	If the error occurred in a Informatica Corporation module, the VSAM exit being processed and the <i>data_set</i> being journaled are displayed. The abend continues.
User Response:	If the error occurred in a PowerExchange module, contact Informatica Global Customer Support.
<b>DTL60573I</b>	<b>VCC (PSW) <i>xx</i> (0-3) <i>xx</i> (4-7) <i>xx</i> (8-11) <i>xx</i> (12-15) <i>xx</i></b>
Explanation:	An abend occurred.
System Action:	Processing continues.
User Response:	Save the information for debugging if you need to contact Informatica Global Customer Support.
<b>DTL60579E</b>	<b>VCC ESTAE error REG15=<i>nnn(xx)</i>.</b>
Explanation:	An error occurred while issuing the MVS ESTAE macro.
System Action:	Processing continues.
User Response:	Contact Informatica Global Customer Support.

<b>DTL60580E</b>	<b>VCC <i>nnnn</i> bytes not allocated.</b>
Explanation:	Insufficient storage is available to satisfy the request for <i>nnnn</i> bytes.
System Action:	Change capture processing ends.
User Response:	Increase the region size and run the job again.
<b>DTL60582S</b>	<b>VCC module not available [REG15=<i>nnn</i>(xx)]</b>
Explanation:	The module identified in the message could not be found or, if an error code is displayed, an error occurred while attempting to load the module.
System Action:	Processing ends.
User Response:	Ensure that the library containing the indicated module is in the STEPLIB, JOBLIB, or the system link list. Then, run the job again. If MVS could not load the module, see the associated IBM error messages.
<b>DTL60590R</b>	<b>VCC Reply RETRY ABEND or IGNORE.</b>
Explanation:	A change capture error was encountered and the console operator must specify how to continue. The operator reply was requested through the JRNLER=OPERATOR parameter in the VSAM ECCR journal control table (VCCJCT).
System Action:	A response of RETRY will direct the journaling program to retry the operation. A response of ABEND causes the job to terminate. A response of IGNORE directs the journaling program to stop journaling the changes to the VSAM data set specified in the associated error message, but the application program continues processing.
User Response:	The console operator should reply RETRY, ABEND, or IGNORE.
<b>DTL60598S</b>	<b>VCC This module must run in 31 bit addressing mode.</b>
Explanation:	VCCADHK was relinked as AMODE(24) or it is being run on an MVS/370 system.
System Action:	VCCADHK ends.
User Response:	Make sure that VCCADHK is linked as AMODE(31) and is being run on an MVS/ESA system.
<b>DTL60631I</b>	<b>VCC Requested syncpoint <i>syncid</i> has been written to <i>dataset</i>.</b>
Explanation:	The batch syncpoint process invoked explicitly by PWXEDMJSYNC has written a syncpoint record with the indicated numeric <i>syncid</i> to the log data set specified by <i>dataset</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL60632I</b>	<b>VCC End-of-task syncpoint <i>syncid</i> has been written to <i>dataset</i>.</b>
Explanation:	The batch syncpoint process invoked implicitly at normal task termination has written a syncpoint record with the indicated numeric <i>syncid</i> to the journal or log data set specified by <i>dataset</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL60878E</b>	<b>VCC Load of the installation options table, VCCCOPT, has failed.</b>
Explanation:	An attempt to load the CICS Integrity Series products installation options table, VCCCOPT, was unsuccessful.

System Action:	This message is accompanied by one or more messages describing the reason for the load failure. The ECCR continues processing and issues a return code of 4.
User Response:	Contact Informatica Global Customer Support.
<b>DTL60879I</b>	<b>VCC Product distribution defaults will be enforced for this execution.</b>
Explanation:	The VSAM ECCR was unable to load an installation options table, VCCCOPT, customized for your site requirements. A default table supplied on the distribution tape is used.
System Action:	The ECCR continues processing and issues a return code of 4.
User Response:	This message is accompanied by one or more messages describing the reason the VSAM ECCR was unable to obtain the installation options table.
<b>DTL60880E</b>	<b>VCC A back level (vv.rr.mm) of the installation options table, VCCCOPT, has been loaded.</b>
Explanation:	An obsolete version of the installation options table, VCCCOPT, was loaded by the VSAM ECCR. Execution continues using a default VCCCOPT supplied on the distribution tape.
System Action:	A return code of 4 accompanies this message.
User Response:	Contact Informatica Global Customer Support.
<b>DTL62559E</b>	<b>VCC Invalid variable control statement. <i>subsysid</i></b>
Explanation:	The job encountered a control statement within <*BEGINVAR> and <*ENDVAR> statements with an invalid format. The format of variable substitution statements in SAMPVARS is <*SS S=@var_symbolV=&value*>
System Action:	Processing ends.
User Response:	If you are running the installation jobs in batch, verify your variable control statements in the SAMPVARS member. If you cannot determine the problem, or if you are using the online installation facility, contact Informatica Global Customer Support.
<b>DTL62560E</b>	<b>VCC variable is an invalid variable symbol. <i>subsysid</i></b>
Explanation:	The format of variable substitution statements in SAMPVARS is <*SS S=@var_symbolV=&value*> The job encountered a variable following the S= that it did not recognize.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL62561E</b>	<b>VCC Invalid variable construct - missing {"S" "V"}. <i>subsysid</i></b>
Explanation:	The job encountered a statement that was missing the S= or V= symbol. The format of variable substitution statements in SAMPVARS is: <*SS S=@var_symbolV=&value*>
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.

<b>DTL62562E</b>	<b>VCC Variable length for <i>var_symbol</i> was exceeded. <i>subsysid</i></b>
Explanation:	The job encountered a variable symbol that was longer than 10 characters.  The format of variable substitution statements in SAMPVARS is:  <*SS S=@var_symbolV=&value*>
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL62563E</b>	<b>VCC Substitute length for value was exceeded. <i>subsysid</i></b>
Explanation:	The job encountered a value that was longer than the expected value. The format of variable substitution statements in SAMPVARS is:  <*SS S=@var_symbolV=&value*>
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL62564E</b>	<b>VCC Invalid library name: <i>ddname</i>. <i>subsysid</i></b>
Explanation:	The data set referenced by <i>ddname</i> does not exist.
System Action:	Processing ends.
User Response:	Contact Informatica Global Customer Support.
<b>DTL62565I</b>	<b>VCC Processing library: <i>ddname</i>. <i>subsysid</i></b>
Explanation:	The installation job lists each DD name as it is referenced during processing.
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL62566I</b>	<b>VCC Installation bypassed for: <i>membername</i>. <i>subsysid</i></b>
Explanation:	This message lists each member name that was unloaded from the product tape, but was not selected for processing because the product was not selected for installation.
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL62567I</b>	<b>VCC Member selected for installation is: <i>membername</i>. <i>subsysid</i></b>
Explanation:	This message lists each member name that was unloaded from the product tape as it is selected for processing because the product was selected for installation.
System Action:	Processing continues.
User Response:	No response is required.
<b>DTL62568I</b>	<b>VCC Symbol length was exceeded. <i>subsysid</i></b>
Explanation:	The JCL generating job encountered a variable symbol greater than 11 characters.
System Action:	Processing continues.
User Response:	No response is required.



**DTL62569I            VCC *var\_symbol* symbol was not found. *subsysid***

Explanation:        The JCL generating job expected input for the variable symbol *var\_symbol*, but did not receive it.

System Action:      Processing continues.

User Response:      No response is required.

## CHAPTER 3

# PWXEDM172000 to PWXEDM173002

This chapter includes the following topics:

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## PWXEDM172000W to PWXEDM172257E: The PowerExchange Agent

### **PWXEDM172000W** Undefined message number *msgnumber*

Explanation: A module issued a Informatica Corporation message number *msgnumber*, but the message module does not define this number. This message is substituted for the undefined message.

System Action: Processing continues.

User Response: Contact Informatica Global Customer Support.

### **PWXEDM172001I** *module: EDM Agent. Version v.rr.mm.*

Explanation: The PowerExchange Agent issues this message during initialization to supply the following information:

- Version number (*v*)
- Release number (*rr*)
- Modification number (*mm*)

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172002I    *module: ChangeDataMove. Version v.rr.mm. Release date: date***

Explanation:        The PowerExchange Agent issues this message in the early stages of initialization to inform you of the following information for PowerExchange:

- Version number (*v*)
- Release number (*rr*)
- Modification number (*mm*)
- Release date (*date*)

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172003I    *module: Processing terminated, Return code=rc.***

Explanation:        The PowerExchange Agent ended processing with a return code of *rc*.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172004E    *module: EDM Agent must run as an MVS started-task***

Explanation:        You tried to run the PowerExchange Agent in a batch or TSO address space.

System Action:      The PowerExchange Agent ends.

User Response:      Run the PowerExchange Agent as an MVS started task.

**PWXEDM172005E    *module: TESTAUTH failed. program must execute with APF authorization***

Explanation:        You attempted to run the PowerExchange Agent from a library that is not an APF-authorized load library. If any unauthorized libraries are included in the STEPLIB concatenation, APF-authorization is dropped for all of them.

System Action:      The PowerExchange Agent ends.

User Response:      Authorize the load library from which the PowerExchange Agent is to be run. You can use the MVS SETPROG command to perform the library authorization.

**PWXEDM172006E    *module: OPEN of ddname file failed***

Explanation:        PowerExchange cannot open the file with the DD name *ddname*. Processing of file *ddname* ends.

System Action:      If the *ddname* is EDMSCCTL, the PowerExchange Agent ends.

User Response:      If the DD name is EDMSCCTL, supply a valid PowerExchange Agent control file. For any other DD name, determine the cause of the error, correct the problem and run the job again. If you cannot determine the cause of the problem, contact Informatica Global Customer Support.

**PWXEDM172007E    *module: The ddname file has an invalid format***

Explanation:        The PowerExchange Agent startup parameter data set with DD name *ddname* has an invalid data set format and cannot be processed.

System Action:      The PowerExchange Agent ends.

User Response:      Verify that the PowerExchange Agent startup parameter data set is a sequential (PS) data set with fixed-length, 80-byte record. Then, run the job again.

**PWXEDM172008I    *module: actionddname file***

Explanation:        The PowerExchange Agent control file is about to be processed or has been processed as shown by *action*.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172009E    *module: An error was found in the ddname file:***

Explanation:        PowerExchange found an error in the PowerExchange Agent startup parameter data set (control file). Subsequent messages describe the error.

System Action:      The PowerExchange Agent ends.

User Response:      Determine the cause of the error, edit the PowerExchange Agent startup parameter data set (control file), and restart the PowerExchange Agent.

**PWXEDM172010n    *module: text***

Explanation:        This message provides additional information related to the previously displayed message or messages. The message suffix is I, W, or E.

System Action:      Processing continues.

User Response:      The response depends on the message text and content of related messages.

**PWXEDM172011E    *module: The default operand for the keyword keyword is invalid***

Explanation:        A default operand for the specified *keyword* is invalid. This is an internal program error.

System Action:      The PowerExchange Agent ends.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM172012E    *module: A logic error has been detected***

Explanation:        An unrecoverable internal program error has been detected.

System Action:      The currently active task abends.

User Response:      Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172013E    *module: LOAD Failed. Module=module\_name, Code=abend\_code, Reason=reason***

Explanation:        A LOAD macro was issued for the module *module\_name*, but the MVS Contents Supervision could not locate the module. The resulting abend and reason codes are indicated by *abend\_code* and *reason*.

System Action:      The PowerExchange Agent ends.

User Response:      Verify that all required load libraries are included in the PowerExchange Agent STEPLIB or JOBLIB concatenation, and start the PowerExchange Agent again.

**PWXEDM172014I    *module: Reason: explanation***

Explanation:        This message further explains an error found in the PowerExchange Agent startup parameter data set (control file).

System Action:      Processing continues.

User Response: Determine the cause of the error, edit the PowerExchange Agent startup parameter data set (control file), and restart the PowerExchange Agent.

**PWXEDM172015E    *module: GETMAIN failed for initialization control block***

Explanation: The PowerExchange Agent could not get the storage required for its initialization processing.

System Action: The PowerExchange Agent ends.

User Response: Increase the region size, and restart the PowerExchange Agent.

**PWXEDM172016E    *module: A valid JOBLIB or STEPLIB DCB could not be found.***

Explanation: The PowerExchange Agent must run with a valid JOBLIB or STEPLIB concatenation. A valid JOBLIB or STEPLIB concatenation must contain all of the modules that the PowerExchange Agent loads. However, the PowerExchange Agent could not find a valid JOBLIB or STEPLIB concatenation.

System Action: The PowerExchange Agent ends.

User Response: Create a valid JOBLIB or STEPLIB concatenation. Then, run the job again.

**PWXEDM172017I    *module: VSAM ECCR support not installed by a prior CCVActive=YES keyword, - command rejected***

Explanation: The user issued a CCV command, but the ECCR code is not loaded in the LPA. For activation, at least one CCVActive=YES parameter must be specified between system IPLs.

System Action: Processing continues without the VSAM ECCR.

User Response: Specify the CCVActive=YES keyword for the PowerExchange Agent configuration parameters, and restart the PowerExchange Agent.

**PWXEDM172018I    *module: VSAM ECCR status***

Explanation: This message signals the installation or refresh of the VSAM ECCR.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172019E    *module: Another EDM Agent is running with AgentID agentid***

Explanation: The PowerExchange Agent that is currently initializing detected another PowerExchange Agent already running that has the same *agentid*.

System Action: The PowerExchange product stops processing the currently initializing PowerExchange Agent.

User Response: Determine which instance of the PowerExchange Agent should be running. If the PowerExchange Agent that should be run is the one that is initializing, use the SHUTDOWN command to terminate the currently running PowerExchange Agent.

**PWXEDM172020E    *module: Existing SSCVT agentid was not built by an EDM Agent and cannot be used.***

Explanation: The PowerExchange Agent that is currently initializing, detected the presence of an MVS SSCVT that matches its specified *agentid*. However, the SSCVT was not built by the PowerExchange Agent. Therefore, it cannot be used.

System Action: The PowerExchange Agent ends.

User Response:	Verify that the <i>agentid</i> does not conflict with an existing MVS SSCVT. If there is no conflict, use the SSCVT address to do a PowerExchange Agent cold start and refresh the SSCVT.
<b>PWXEDM172021E</b>	<b><i>module: STORAGE OBTAIN failed for SubPool subpool. EDM Agent agentid cannot be initialized</i></b>
Explanation:	The PowerExchange Agent that is currently initializing could not get common storage for its global control blocks. This condition indicates that a severe shortage of CSA or ECSA exists.
System Action:	The PowerExchange Agent ends.
User Response:	Restart the PowerExchange Agent when CSA or ECSA storage is available.
<b>PWXEDM172022E</b>	<b><i>module: EDM Agent agentid appears to be active and cannot be initialized</i></b>
Explanation:	A previous execution terminated without completing its termination processing. Consequently, the currently initializing PowerExchange Agent could not reclaim its global environment. A failure in the PowerExchange Agent recovery processing can cause this problem.
System Action:	The PowerExchange Agent ends.
User Response:	Collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172023I</b>	<b><i>module: Active=total1_modules, Inactive=total2_modules</i></b>
Explanation:	This message shows the number of active and inactive CCV0192A modules found on the LPAQ.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172024I</b>	<b><i>module: New control_block built for EDM Agent agentid. Addr=address</i></b>
Explanation:	The PowerExchange Agent identified by <i>agentid</i> has established its global environment and anchored that environment from the specified control block at the address indicated in address.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172025E</b>	<b><i>module: STORAGE OBTAIN failed for work_area</i></b>
Explanation:	The currently initializing PowerExchange Agent could not get common storage for the indicated work area. This condition indicates that a severe shortage of ECSA exists.
System Action:	The PowerExchange Agent ends.
User Response:	Restart the PowerExchange Agent when ECSA storage is available.
<b>PWXEDM172026E</b>	<b><i>module: EPA for generic ESTAEX/ARR module has not been established</i></b>
Explanation:	The PowerExchange Agent could not determine the address of its generic ESTAE-type recovery routine. This condition indicates that an internal logic error occurred.
System Action:	The PowerExchange Agent ends.
User Response:	Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172027E    *module: ESTAEX failed. Return Code=rc, Reason=reason***

Explanation:        The PowerExchange Agent could not establish an ESTAE-type environment because the ESTAEX macro failed. The macro provides the return and reason codes shown.

System Action:      The PowerExchange Agent ends.

User Response:      Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172028E    *module: LOAD of module module resolved to the LPA***

Explanation:        During its initialization, the PowerExchange Agent attempted to load a module, but it does not reside in a JOBLIB or STEPLIB concatenation.

System Action:      The PowerExchange Agent ends.

User Response:      Verify that the required module is in a JOBLIB or STEPLIB concatenation, and start the PowerExchange Agent again.

**PWXEDM172029E    *module: STORAGE OBTAIN failed for recovery work area***

Explanation:        Storage could not be obtained for a PowerExchange Agent recovery work area.

System Action:      The PowerExchange Agent ends.

User Response:      Increase the region size, and start the PowerExchange Agent again. If increasing the region size does not fix the problem, collect all available information about this error. Contact Informatica Global Customer Support.

**PWXEDM172030E    *module: ESTAEX/ARR invoked for ABEND code=abend, Reason=reason, PSW=psw***

Explanation:        An abend condition invoked the PowerExchange Agent module ESTAEX/ARR. The message displays the abend and reason codes in the *abend* and *reason* fields and displays the abend program status word (PSW) in the *psw* field.

System Action:      The abend processing continues.

User Response:      Determine the cause of the abend or contact Informatica Global Customer Support.

**PWXEDM172031I    *module: register\_typestart\_register-end\_registerregisterregisterregisterregister***

Explanation:        This message describes an abend condition.

The message text contains the following variables:

- *register\_type* is either GPR or AR.
- *start\_register* is the first register being dumped.
- *end\_register* is the last register being dumped.
- *register* contains the contents of a register.

This message is issued until the contents of all registers are displayed: four times for 16 registers, or eight times if access registers are included.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172032E    *module: STORAGE OBTAIN failed for persistent module module\_name***

Explanation:        Storage could not be obtained for globally loading the *module\_name* module. This indicates a severe shortage of CSA, ECSA, SQA, or ESQA.

System Action: The PowerExchange Agent ends.

User Response: Restart the PowerExchange Agent when storage is available.

**PWXEDM172033W *module*: PMP deleted. Module=*module\_name*, Addr=*address***

Explanation: The persistent module *module\_name* has been removed from common storage. The variable *address* indicates the address of the prefix area.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172034E *module*: No room in *agentid* SSVT function list for persistent module *module***

Explanation: The subsystem exit module indicated by *module* could not be linked into the PowerExchange Agent SSVT function matrix, because there are no free entries remaining. This condition indicates an internal program error.

System Action: The PowerExchange Agent ends.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172035E *module*: STORAGE OBTAIN failed for CDE/XTLST area for persistent module *module***

Explanation: The PowerExchange Agent could not get storage in subpool 245 for the CDE/XTLST area. The storage is required for the module identified by *module*. This condition indicates a severe shortage of SQA storage.

System Action: The PowerExchange Agent ends.

User Response: Restart the PowerExchange Agent when more SQA storage is available.

**PWXEDM172036E *module*: Architectural incompatibility detected. Old version=(*oldarch/oldver*), New version=(*newarch/newver*)**

Explanation: The PowerExchange Agent currently initializing detected an architectural incompatibility in one or more control blocks. The existing PowerExchange Agent cannot be reused. The old and new architectures are shown in the *oldarch/oldver* and *newarch/newver* fields, respectively.

System Action: The PowerExchange Agent ends.

User Response: Issue a DRAIN command for the PowerExchange Agent, then use the SHUTDOWN COMPLETELY command to terminate PowerExchange Agent processing. After the PowerExchange Agent ends, you can restart it normally.

**PWXEDM172037E *module*: EDMSINIT request rejected. EDM Agent *agentid* is *status***

Explanation: The PowerExchange Agent is drained or in the process of draining and has rejected an EDMSINIT request. An error message preceding this one displays the task that issued the request and the resulting return and reason codes.

The message text contains the following variables:

- *module* is the failing module.
- *agentid* is the PowerExchange Agent.
- *status* is the status of the draining process.



System Action: The PowerExchange Agent rejects the EDMSINIT call. The function that issued the request might also fail.

User Response: Issue a RESUME command to allow EDMSINIT calls, if necessary.

**PWXEDM172038n *module: EDM Agent agentid is status***

Explanation: A module issued a DRAIN, RESUME, or SHUTDOWN COMPLETELY command for the specified PowerExchange Agent.

In the message text:

- *n* is the message suffix and is one of the following values:
  - **W**. If you receive a warning message, a preceding error message indicates which command was issued. If a DRAIN command was issued, it could not be accepted because the PowerExchange Agent was already drained or in the process of draining. If a RESUME command was issued, it could not be accepted because the PowerExchange Agent was not drained or was in the process of draining.
  - **I**. If you receive an informational message, a RESUME command was issued for the specified PowerExchange Agent and the PowerExchange Agent has been resumed.
  - **E**. If you receive an error message, a SHUTDOWN COMPLETELY command was issued for the specified PowerExchange Agent, but the PowerExchange Agent is not drained.
- *module* is the module that issues the command.
- *agentid* is the PowerExchange Agent ID.
- *status* is the status.

System Action: The system takes one of the following actions based on the message suffix:

- **W**. Command processing stops.
- **I**. Processing continues.
- **E**. SHUTDOWN COMPLETELY command processing stops.

User Response: Take one of the following actions based on the message suffix:

- **W**. Determine whether the PowerExchange Agent status is what you want. If required, issue a DRAIN or RESUME command.
- **I**. No response is required.
- **E**. Drain the PowerExchange Agent and reissue the SHUTDOWN COMPLETELY command.

**PWXEDM172039I *module: The following JES2 Initiators must be drained before EDM Agent agentid can drain:***

Explanation: A DRAIN command was issued for the specified PowerExchange Agent. However, due to SUBSYS DD affinities with the PowerExchange Agent, certain JES2 initiator tasks are currently registered for PowerExchange Agent services. The PowerExchange Agent cannot drain until all registered tasks have terminated. This message is followed by one or more messages listing those initiators that must be drained to allow all registered tasks to terminate.

System Action: The PowerExchange Agent remains in draining status.

User Response: Drain the specified initiators with the \$Plx JES2 command to enable the PowerExchange Agent to complete draining. After each initiator has been drained, you can restart it.

**PWXEDM172040E    *module: A command command is currently pending***

Explanation:        The PowerExchange Agent rejected the specified command because a conflicting command is currently pending. For example, this message is displayed if you issue a SHUTDOWN command followed by a SHUTDOWN COMPLETELY command.

System Action:      Processing ends.

User Response:      Reissue the correct command or wait for the pending command to time-out, then reissue the command.

**PWXEDM172041E    *module: STORAGE OBTAIN failed for VSAM OPEN/CLOSE intercept CDE/XTLST area. Subpool=subpool***

Explanation:        The PowerExchange Agent could not get the storage required to build a CDE/XTLST area for a VSAM ECCR OPEN/CLOSE intercept. The storage was requested in the indicated subpool. This usually indicates a shortage of common storage.

System Action:      Additional messages may be issued indicating the impact of this condition. Functions that depend on the CDE or XTLST area are unavailable.

User Response:      Restart the PowerExchange Agent when more common storage is available.

**PWXEDM172042E    *module: Unsupported MVS release. MVS SP4.3.0 or higher is required for execution***

Explanation:        The PowerExchange Agent was started on an unsupported release of MVS. Your site must have MVS Version 4 Release 3 or later installed to run PowerExchange.

System Action:      The PowerExchange Agent ends.

User Response:      Upgrade to a compatible version of MVS.

**PWXEDM172043I    *module: Data at PSW address - word1word2word3word4word5word6***

Explanation:        This message provides additional information about an abend. The word fields contain 24 bytes of data from the abend program status word (PSW).

System Action:      The abend processing continues.

User Response:      Use the information in this message and any related messages to determine the reason for the abend. Contact Informatica Global Customer Support.

**PWXEDM172044I    *module: Refresh SSCVT for AgentId agent\_ID ignored. Addr=address***

Explanation:        This message can display during a cold or warm start.

System Action:      If the existing MVS SSCVT for the PowerExchange Agent is

- Not in error—the PowerExchange Agent proceeds with the normal startup request, using the existing SSCVT to continue processing.
- In error—and the PowerExchange Agent SSCVT does not match the refresh SSCVT statement in the EDMSCRTL module, the PowerExchange Agent startup process ends with message PWXEDM172020.

User Response:      If the existing MVS SSCVT for the PowerExchange Agent is:

- Not in error
- Remove the REFRESHSSCVT= statement from the EDMSCRTL module.
- In error

- Update the REFRESHSSCVT= statement from the EDMSCRTL module with the correct SSCVT, and do a PowerExchange Agent cold start to refresh the SSCVT or perform an initial program load (IPL).

**PWXEDM172045I    *module: External {activation|deactivation} of VSAM Batch ECCR detected by Agent agent\_ID***

Explanation: The PowerExchange Agent detected that the status of the VSAM batch ECCR was changed by some other agent. Because the VSAM batch ECCR is activated globally for one z/OS system, the action of activating or deactivating this ECCR affects all PowerExchange Agents on that z/OS system.

System Action: Processing continues.

User Response: If the change in the VSAM batch ECCR is acceptable, no response is required. If you wish to change the status, issue the STOP or START command for the PowerExchange Agent with the appropriate VSAMECCR operand.

**PWXEDM172046E    *module: Sysplex Message Log operation failed. Code=return\_code, Rsn=reason\_code***

Explanation: A module encountered an error while attempting to perform an operation using the PowerExchange sysplex message log.

System Action: The PowerExchange Agent stops its attempts to record messages in the PowerExchange sysplex message log, but the PowerExchange Agent message logging into the PowerExchange Agent EDMSLOG data set continues.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172047W    *module: MVS Logger operation failed for stream name stream\_name, Code=return\_code, Rsn=reason\_code***

Explanation: A module encountered an error while attempting to connect to a MVS system logger stream using the IXGCONN macro to generate the specified stream name. The PowerExchange Agent attempted to connect to a MVS system logger stream, because the SysplexLogDays startup parameter for the PowerExchange Agent, which specifies the retention period for messages in the PowerExchange sysplex message log, was non-zero.

It is possible that the MVS system is not in a parallel sysplex or that the stream name is not defined for the MVS system logger component.

System Action: The PowerExchange Agent stops its attempts to record messages in the PowerExchange sysplex message log, but the PowerExchange Agent message logging into the PowerExchange Agent EDMSLOG data set continues.

User Response: Verify that the PowerExchange sysplex message log is correctly set up. For more information about the IXGCONN return and reason codes, see the IBM MVS programming documentation for your MVS version. Contact Informatica Global Customer Support.

**PWXEDM172048E    *module: MVS Logger Connect failed for stream name stream\_name, Code=return\_code, Rsn=reason\_code***

Explanation: A module encountered an error while attempting to perform a MVS logger operation using the PowerExchange sysplex message log.

System Action: The PowerExchange Agent stops its attempts to record messages in the PowerExchange sysplex message log, but the PowerExchange Agent message logging into the PowerExchange Agent EDMSLOG data set continues.

User Response: If the MVS logger operation is IXGCONN, IXGDELET, IXGBRWSE, or IXGWRITE, see the IBM MVS programming documentation for your MVS version for more information about the return and reason codes for the operation. Correct any environmental problems, then restart the PowerExchange sysplex message log by stopping and restarting the LOG subtask of the PowerExchange Agent. Contact Informatica Global Customer Support.

**PWXEDM172050E *module: agentid* Command Exit. Command buffer could not be found**

Explanation: The PowerExchange Agent *agentid* attempted to process an operator command but could not find the command buffer. This indicates an internal program error.

System Action: The PowerExchange Agent ends command processing.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172051E *module: agentidfunction\_name* Exit. STORAGE OBTAIN failed for work area**

Explanation: Storage could not be obtained for processing the subsystem exit function *function\_name* for the PowerExchange Agent *agentid*.

System Action: Processing of the exit ends.

User Response: No response is required.

**PWXEDM172052I *module: agentid* Command Exit. *command* command has been queued for execution**

Explanation: The PowerExchange Agent *agentid* accepted the command and placed it in the command buffer for subsequent processing.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172053E *module: agentidfunction* Exit ABENDED. Code=*abend\_code*, Reason=*reason*,PSW=*psw***

Explanation: The subsystem function shown in function for the PowerExchange Agent indicated by *agentid* abended. This message displays the cause of the abend in the *abend\_code* and *reason* fields and displays the abend program status word (PSW) in the *psw* field.

System Action: Subsystem exit processing ends. Also, the function that requested the service may fail.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172054W *module: agentid* Command Exit. *command* command rejected – Agent is not active**

Explanation: The PowerExchange Agent command exit accepted the valid command in *command*. However, the PowerExchange Agent *agentid* is not active. Therefore, the command cannot be queued for processing.

System Action: The PowerExchange Agent rejects the specified command.

User Response: Start the specified PowerExchange Agent, and enter the command again.

**PWXEDM172055W *module: agentid* Command Exit. Null command ignored**

Explanation: The PowerExchange Agent *agentid* detected a command that has no text following the command prefix.

System Action: The PowerExchange Agent rejects the command.

User Response: Enter the command again.

**PWXEDM172056E *module: agentid* Command Exit. '*command*' is not a valid EDM Agent command**

Explanation: The PowerExchange Agent *agentid* detected an invalid *command*.

System Action: The PowerExchange Agent rejects the specified command.

User Response: Enter the command again.

**PWXEDM172057E *module: agentid* Command Exit. *command* command has too {many|few} operands. {minimum|maximum} operand count is *n***

Explanation: A command sent to the PowerExchange Agent *agentid* contained too many or too few operands. The minimum or maximum operand count is specified by *n*.

System Action: The PowerExchange Agent rejects the specified command.

User Response: Enter the command again.

**PWXEDM172058E *module: agentid* Command Exit. *command* command rejected – insufficient buffer space**

Explanation: The PowerExchange Agent *agentid* accepted a valid command. However, the command buffer did not have enough space for the command to be queued.

System Action: The PowerExchange Agent rejects the specified command.

User Response: Enter the command again. If the error persists, contact Informatica Global Customer Support. You may need to issue a CANCEL command to shut down the specified PowerExchange Agent.

**PWXEDM172059E *module: SRB failed. Function=function, Return Code=rc***

Explanation: An SRB, which the PowerExchange Agent scheduled, encountered an error during processing of the specified *function*. This message also displays the return code *rc*. The SRB function ends.

System Action: Depending on the error, the PowerExchange Agent may terminate, also.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172060I *module: {Code=abend\_code|Return Code=rc}, {Reason=reason|Date=text} psw***

Explanation: This message provides additional information about an SRB failure.

- If the SRB error causes an abend, *abend\_code* provides the abend code, *reason* provides the reason code associated with the abend, and *psw* provides the program status word (PSW) associated with the abend.
- If the SRB error does not cause an abend, *rc* provides the return code and *text* provides function-specific information about this error. The PSW is not provided for this type of error.

System Action: The SRB function ends. Based on the error, the PowerExchange Agent might stop.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172061E    *module: {AXSET|AXRES|ATSET} failed. Code=abend\_code, Reason=reason***

Explanation:        The specified AXSET, AXRES, or ATSET macro abended. *abend\_code* and *reason* provide additional information about the abend.

System Action:      The PowerExchange Agent ends.

User Response:      Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172062I    *module: agentidfunction Exit status***

Explanation:        The subsystem exit specified by function has been entered or exited for the PowerExchange Agent identified in *agentid*.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172063E    *module: STORAGE OBTAIN failed for SRB control block***

Explanation:        Storage could not be obtained in subpool 239 for the PowerExchange Agent SRB control block. This error indicates a severe shortage of SQA or ESQA.

System Action:      The PowerExchange Agent ends.

User Response:      Start the PowerExchange Agent again when SQA and ESQA are available.

**PWXEDM172064I    *module: Dataspace status. Name=name, STOKEN=stoken, Blocks=blocks***

Explanation:        This message displays the status of the PowerExchange Agent common data space:

- *status* indicates whether the PowerExchange Agent created the data space or located the common data space.
- *name* is in the format *nnnnnEDM*, where *nnnnn* is a prefix assigned to the data space by MVS.
- *stoken* displays the unique ID that MVS associates with the data space.
- *blocks* shows the size of the data space in 4 KB blocks.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172065E    *module: RACROUTE AUTH failed. SAF Return Code=safrc, Return Code=rc, Reason=reason***

Explanation:        A PowerExchange component attempted to register itself for the PowerExchange Agent services. However, the job or user did not have authority to use the PowerExchange Agent services.

This message displays the SAF return code in *safrc*, the RACF or equivalent return code in *rc*, and the reason code in *reason*. The PowerExchange Agent writes the RACF or equivalent messages associated with the error to the PowerExchange Agent message log.

System Action:      The system rejects the registration request.

User Response:      Contact your security administrator for assistance. You can disable the RACROUTE performed during registration by specifying *InitAuthCheck=No* in the PowerExchange Agent control statements (AGENTCTL). For information about the PowerExchange Agent control statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM172066E** *module: agentid* PC routine ABENDED. CSECT=*csect*, Code=*abend\_code*, Reason=*reason*, PSW=*psw*

Explanation: The PC routine identified by *csect* terminated abnormally with abend code *abend\_code* and reason code *reason*. The *psw* variable identifies the program status word (PSW) being used at the time of the abend.

System Action: The PC function ends. Based on the error, the function that issued the request might fail.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172067E** *module: ATTACHX* failed. Module=*module*, Return Code=*rc*

Explanation: The PowerExchange Agent main task attempted to attach a new subtask. The internal ATTACHX macro failed and returned the return code *rc*. The variable *module* provides the name of the load module that was specified in the associated ATTACHX macro, and *rc* provides the return code from the ATTACHX macro.

System Action: If the error occurred while the PowerExchange Agent was starting, the PowerExchange Agent ends. If the error occurred during processing of a PowerExchange Agent START command, the PowerExchange Agent continues processing.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172068E** *module: STORAGE OBTAIN* failed for Subtask control blocks

Explanation: The PowerExchange Agent could not get storage for the PowerExchange Agent subtask work areas.

System Action: The PowerExchange Agent ends.

User Response: Increase the region size, and start the PowerExchange Agent again.

**PWXEDM 172069 [I|E]**

*module: Subtask {attached|detached}*. Module=*module*, TaskID=*taskid*, Return Code=*rc*

Explanation: This message shows whether the subtask identified in *taskid* was attached or detached. The variable *module* provides the name of the load module that was specified in the associated ATTACHX or DETACH macro, and *rc* provides the return code from the ATTACHX or DETACH macro.

System Action: Processing continues.

User Response: No response is required. For more information about the return code, see the appropriate IBM assembler services documentation.

**PWXEDM172070E** *module: Subtask* ABENDED. Module=*load\_module*, TaskID=*taskid*, Code=*abend\_code*

Explanation: The subtask indicated by *taskid* terminated abnormally with the abend code *abend\_code*. The variable *load\_module* provides the name of the load module that was specified in the associated ATTACHX macro.

System Action: The subtask ends.

User Response: Use the PowerExchange Agent START command to start the subtask again. If the problem persists, collect all available information about the error. Contact Informatica Global Customer Support.

<b>PWXEDM172071I</b>	<b><i>module: Subtask initialization completed. TaskID=taskid</i></b>
Explanation:	The PowerExchange Agent subtask <i>taskid</i> initialized.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172072I</b>	<b><i>module: Log file ddname &amp;OPENED. LogClass=class, LogLimit=limit, LogHold={Yes No}</i></b>
Explanation:	The PowerExchange message log specified in <i>ddname</i> was opened. The variable <i>class</i> displays the SYSOUT class, and the variable <i>limit</i> specifies the record limit. LogHold shows the SYSOUT HOLD option as either Yes or No.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172073E</b>	<b><i>module: DYNALLOC failed. DD Name=ddname, Return Code=rc, Error code=error, Info code=info</i></b>
Explanation:	A dynamic allocation request for the specified DD name failed. The DYNALLOC macro return code, error code, and information code provide information about the failure.
System Action:	The dynamic allocation fails. The function that issued the dynamic allocation request may fail also.
User Response:	For more information about the return code, error code, and information code, see the appropriate IBM assembler services documentation. Attempt to determine the cause of the error, correct the problem, and run the job again. If you cannot determine the cause of the error or if the error persists, contact Informatica Global Customer Support.
<b>PWXEDM172074E</b>	<b><i>module: STORAGE OBTAIN failed for storage location 16Mb</i></b>
Explanation:	A request for storage above or below 16 MB, as shown in <i>location</i> , failed.
System Action:	The function that requested the storage may fail.
User Response:	Increase the region size, and run the job again. If increasing the region size does not fix the problem, collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172075E</b>	<b><i>module: EDM Agent tasktype ABENDED. TaskID=taskid Code=abend_code, Reason=reason, PSW=psw</i></b>
Explanation:	Either the PowerExchange Agent main task or a subtask abended. The variables <i>tasktype</i> and <i>taskid</i> identify the task that abended. This message also provides the abend code, the reason code, and the abend program status word (PSW).
System Action:	If a subtask abended, the PowerExchange Agent continues without the subtask, and the functions provided by that subtask are unavailable. If the PowerExchange Agent main task abends, the PowerExchange Agent ends.
User Response:	Use the PowerExchange Agent START command to restart the failed subtask. If the problem persists, collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172076I</b>	<b><i>module: ddname file CLOSED</i></b>
Explanation:	The file specified by <i>ddname</i> is closed.
System Action:	Processing continues.



User Response: No response is required.

**PWXEDM172077I** *module: Repeat **command** command for EDM Agent **agentid** within 15 seconds to confirm request*

Explanation: You issued the specified *command* to the PowerExchange Agent *agentid*. You must repeat the specified *command* to confirm the command and queue it for processing. You must repeat the command within 15 seconds.

System Action: Processing continues.

User Response: Enter the specified command within 15 seconds to confirm the request, or ignore the message to cancel the command.

**PWXEDM 172078 [I|W]**

*module: **command\_name** command status by PowerExchange Agent **agentid***

Explanation: The PowerExchange Agent *agentid* accepted or rejected the specified command.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172079E** *module: **agentid** Command Exit. **command** command takes no operands*

Explanation: The specified *command* has no operands. However, the PowerExchange Agent *agentid* received the command with one or more operands.

System Action: The PowerExchange Agent rejects the command.

User Response: Enter the command without operands.

**PWXEDM172080E** *module: **agentid** Command Exit. **command** command RACROUTE AUTH failed. SAF Return Code=**safrc**,Return Code=**rc**,Reason=**reason***

Explanation: The PowerExchange Agent *agentid* received the specified command. However, you or the job issuing the command did not have the proper authority to issue that command to the specified agent.

The variable *safrc* displays the SAF return code, *rc* displays the RACF or equivalent return code, and *reason* displays the RACF or equivalent reason code. The system writes the RACF or equivalent messages associated with the error to the PowerExchange Agent message log.

System Action: The PowerExchange Agent rejects the command.

User Response: Time stamp system security administrator for assistance. You can disable the RACROUTE performed during command processing by specifying *CmdAuthCheck=No* in the PowerExchange Agent control statements (AGENTCTL). For information about the PowerExchange Agent control statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM172081E** *module: EDMSINIT failed. Return Code=**rc**,Reason=**reason***

Explanation: A request to register for PowerExchange Agent services failed. The return code *rc* and the reason code *reason* provide additional information about the error.

System Action: The PowerExchange Agent rejects the registration request. The function that requested registration may fail, also.

User Response: Use the information supplied in this message to determine the cause of the problem, correct the problem, and run the job again.

If you cannot determine the cause of the problem, contact Informatica Global Customer Support.

**PWXEDM172082E    *module: command* command could not be processed by PowerExchange Agent *agentid***

Explanation: The PowerExchange Agent could not process the specified *command* because the subtask that processes the command is not active.

System Action: Processing of the command ends.

User Response: Use the PowerExchange Agent DISPLAY TASKS command to display the active subtasks. Verify that all subtasks are active, and submit the command again. If the problem persists and you cannot determine the cause, contact Informatica Global Customer Support.

**PWXEDM172083I    *module: The fileid is {open|close}***

Explanation: You issued a command to open or close the file specified in *fileid*. However, the file is already open or closed.

System Action: The PowerExchange Agent rejects the request.

User Response: Verify that the command is valid, and issue it again, if needed.

**PWXEDM172084I    *module: SUBSYS data set {opened|closed}. DD Name=ddname, DSN=dsname***

Explanation: The operation to open or close the SUBSYS data set identified by *ddname* and *dsname* completed.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172085E    EDMSPCR1: SUBSYS dataset DYNALLOC failed DSN=*dsn*, RC=*nn*, Err=*nnnn*, Info=*nnnn***

Explanation: A dynamic allocation request failed for a SUBSYS data set with a data set name *dsn*. The DYNALLOC return code, error code and info code are shown by RC=*nn*, Err=*nnnn*, and Info=*nnnn* respectively.

System Action: The dynamic allocation fails and the function that issued the request may also fail.

User Response: If the cause of the error cannot be determined, contact Informatica Global Customer Support.

**PWXEDM172086E    *module: agentidfunction* Exit error. See Syslog and/or EDM Agent log for details**

Explanation: A SUBSYS data set allocation request failed. Either the PowerExchange Agent subsystem or the allocation exit (as specified in *function*) issued the request.

System Action: The system writes the messages describing the error to the SYSLOG message log, the PowerExchange Agent message log, or both. The allocation request fails.

User Response: If a JCL DD statement initiated the allocation request, correct the SUBSYS parameter, and submit the job again. Otherwise, collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172087I    *module: agentid* Allocation Exit status for {batch|dynamic} allocation**

Explanation: The PowerExchange Agent *agentid* subsystem allocation exit has been entered or exited, as shown in status, for either batch or dynamic allocation.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172088W** *module: The JES SAST could not be found and/or updated. SUBSYS data set I/O may be unavailable*

Explanation: The JES subsystem allocation sequence table (SAST) either could not be found or could not be safely updated. This is an internal error.

System Action: The PowerExchange Agent continues processing. However, the functions that require SUBSYS I/O fail.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172089E** *module: command command has an invalid operand – operand*

Explanation: The specified *command* contains the specified invalid *operand*.

System Action: The processing of the command ends.

User Response: Enter the command again with valid operands.

**PWXEDM172090I** *module: Agent Trace is {on|off}*

Explanation: When you issue a PowerExchange Agent TRACE command, the PowerExchange Agent issues this message to provide the status of the trace. The status of the trace is on or off.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172091E** *module: Required SUBSYS keyword 'keyword' was not found*

Explanation: A SUBSYS allocation request specified a parameter list that did not contain the required keyword, identified by *keyword*.

System Action: The PowerExchange Agent rejects the allocation request.

User Response: If a JCL DD statement initiated the allocation request, correct the SUBSYS parameter, and submit the job again. Otherwise, collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172092I** *module: function Exit processing SUBSYS data set. DD Name=ddname*

Explanation: The subsystem exit indicated by function has been entered for the DD statement *ddname*. The variable *function* can represent one of the following subsystem exits:

- Allocation exit
- Unallocation exit
- Open exit
- Close exit

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172093E    *module: SUBSYS data set parm 'parameter' error\_text***

Explanation:        During allocation of a subsystem data set, the system found an invalid SUBSYS parameter. The variable *parameter* displays the incorrect parameter, and the variable *error\_text* displays the type of error that occurred.

System Action:      The PowerExchange Agent rejects the allocation request.

User Response:      If a JCL DD statement initiated the allocation request, correct the SUBSYS parameters, and submit the job again. Otherwise, collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172094E    *module: agentid SUBSYS data set allocation failed. See Syslog and/or Agent log for details***

Explanation:        The PowerExchange Agent *agentid* subsystem allocation exit cannot process an allocation request for a SUBSYS data set. The system writes the additional messages that describe the error to the SYSLOG message log, the PowerExchange Agent message log, or both.

System Action:      The PowerExchange Agent does not process the allocation request.

User Response:      If a JCL DD statement initiated the allocation request, correct the SUBSYS parameters, and submit the job again. Otherwise, collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172095E    *module: Data set name required for allocation of SUBSYS data set. DD name=ddname***

Explanation:        The system cannot process an allocation request for a subsystem data set because either you or the system did not specify a data set name. The variable *ddname* displays the DD name.

System Action:      The PowerExchange Agent does not process the allocation request.

User Response:      If a JCL DD statement initiated the allocation request, correct the SUBSYS parameters, and submit the job again. Otherwise, collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172096E    *module: EDMSSIO function failed. DD name=ddname, RC=return\_code, Reason=reason***

Explanation:        An EDMSSIO macro, which manages SUBSYS I/O work areas, failed. The variable *function* identifies the failing operation.

System Action:      The function that issued the EDMSSIO macro might fail.

User Response:      Use the information in this message to determine the cause of the error, correct the problem, and run the job again.  
  
If the error persists or you cannot determine the cause of the error, contact Informatica Global Customer Support.

**PWXEDM172097I    *module: [successful | unsuccessful | duplicate] EDMSINIT performed for TCB tcb\_address. Return Code=rc, Reason=reason***

Explanation:        The EDMSINIT macro completed a successful, unsuccessful, or duplicate PowerExchange Agent registration call with the return code *rc* and reason code *reason*.

System Action:      If the call failed, the function that issued the macro might also fail. If the call was successful, processing continues.

User Response: If the call was successful, no response is required. If the call failed, use the information in this message to determine the cause of the failure, correct the cause, and run the job again.

If you cannot determine the cause of the failure or if the failure persists, collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172098I    *module: Agent control\_block {obtained|released}. Addr=address***

Explanation: The system either obtained or released the specified control block at the specified *address*.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172099I    *module: Passing control to SUBSYS data set function module module***

Explanation: The PowerExchange Agent is about to call the specified load module for the specified *function*. A JCL DD statement or a DYNALLOC SUBSYS parameter specified the load module.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM 172100 [I|E]**

***module: Control returned from module module. Return Code=rc, Reason=reason***

Explanation: The specified load module, which you specified in either a JCL DD statement or a DYNALLOC SUBSYS parameter, returned control with the return code *rc* and reason code *reason*.

System Action: If the return code or reason code indicates an error, the function that called the specified module might end.

User Response: If the return code and reason code do not indicate an error, no response is required. If the codes indicate an error, use the return and reason codes to determine the cause of the error, correct the cause, and run the job again.

If the error is an assembler language error, see the appropriate IBM assembler services documentation for information on the return and reason codes.

**PWXEDM172101E    *module: agentidfunction\_name Exit could not find EDSSIOW area for DD name ddname***

Explanation: The subsystem exit function *function\_name*, which is for the PowerExchange Agent identified in *agentid*, was unable to find the EDSSIOW control block associated with the specified *ddname*. This is an internal program error.

System Action: Subsystem exit processing ends. Also, the function that requested the service might fail.

User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172102E    *module: agentidfunction\_name Exit could not find module module\_name specified in JCL/ DYNALLOC SUBSYS parameters***

Explanation: The subsystem exit function *function\_name* could not find a module specified in the DYNALLOC or JCL DD SUBSYS parameters.

System Action: The PowerExchange Agent does not process the allocation request.

User Response: If a JCL DD statement initiated the allocation request, correct the SUBSYS parameters, and submit the job again. Otherwise, collect all available information about the error. Contact Informatica Global Customer Support.

<b>PWXEDM172103E</b>	<b><i>module: Duplicate SUBSYS function request. DD Name=ddname, DSN=dsname</i></b>
Explanation:	The system issued a duplicate allocation or open request for the SUBSYS data set identified by <i>ddname</i> and <i>dsname</i> .
System Action:	The request fails. Also, the function that issued the request might fail.
User Response:	Collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172104E</b>	<b><i>module: Module module ABENDED. Code=abend_code, Reason=reason, PSW=psw</i></b>
Explanation:	The specified load module, which you specified in either a JCL DD statement or DYNALLOCSUBSYS parameter, terminated abnormally with the abend code <i>abend_code</i> , reason code <i>reason</i> and program status word (PSW) <i>psw</i> .
System Action:	The function that called the module might end.
User Response:	Use the abend code, reason code and PSW to determine the cause of the error, correct the cause, and run the job again.  If you cannot determine the cause of the failure or if the failure persists, collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172105E</b>	<b><i>module: STIMER failed. Return Code=rc</i></b>
Explanation:	A STIMER macro failed and returned the return code <i>rc</i> .
System Action:	The function that issued the STIMER macro might fail.
User Response:	Use the return code to determine the cause of the error, correct the cause, and run the job again. For more information about the return code, see the appropriate IBM assembler services documentation. If you cannot determine the cause of the failure or if the failure persists, collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172106E</b>	<b><i>module: macro function failed. Return Code=rc, Reason=reason</i></b>
Explanation:	Either a \$DLIGPPL or a \$DLICQPL macro failed and rendered a return code and a reason code. The first two hexadecimal values (xx) of the circular queue reason code (xxyyzzzz) display the return code. The second two hexadecimal values (yy) display the function code. The last four hexadecimal values (zzzz) display the reason code.
System Action:	The macro that made the request might fail.
User Response:	Use the return, function, and reason codes to determine the cause of the error, correct the cause, and run the job again.
<b>PWXEDM172107I</b>	<b><i>module: EDM Agent Global Queue function_name. DSN=dsname, tokentype=token</i></b>
Explanation:	The global queue function <i>function_name</i> completed for the SUBSYS data set <i>dsname</i> . The variables <i>tokentype</i> and <i>token</i> are internal values that uniquely identify global queue structures.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172108E</b>	<b><i>module: No DD suffix for allocation. DSN=dsname</i></b>
Explanation:	All available DD name suffixes used for generating SUBSYS DD names are in use. The system cannot complete the DYNALLOCSUBSYS for the SUBSYS data set identified by <i>dsname</i> .

System Action:	The allocation request fails. Also, the function that issued the request might fail.
User Response:	If a JCL DD statement initiated the allocation request, correct the SUBSYS parameters, and submit the job again. Otherwise, collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172109E</b>	<b><i>module: {open close} failed for SUBSYS data set. DD Name=ddname, Return Code=rc, ACBERFLG=acb_error</i></b>
Explanation:	An open or close of the SUBSYS data set failed. The open or close function returned the DD name <i>ddname</i> , return code <i>rc</i> , and the ACB error code <i>acb_error</i> .
System Action:	The function that issued the request might fail.
User Response:	Use the information in this message to determine the cause of the error, correct the problem, and run the job again. If the error persists or you cannot determine the cause of the error, contact Informatica Global Customer Support.
<b>PWXEDM172110I</b>	<b><i>module: SUBSYS data set {opened closed}. DD Name=ddname, LRecl=record_length, BlkSize=block_size</i></b>
Explanation:	The SUBSYS data set associated with the specified DD name was opened or closed. This message provides the logical record length and block size.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172111E</b>	<b><i>module: The Global Service module table is full. Service module load_module could not be LOAded</i></b>
Explanation:	The identified load module, which you specified in a ServiceModule control file statement, could not be loaded because no free entries exist in the PowerExchange Agent service module table.
System Action:	The PowerExchange Agent ends.
User Response:	Remove the ServiceModule statement from the PowerExchange Agent control file, and start the PowerExchange Agent again. If the ServiceModule statement is required, contact Informatica Global Customer Support.
<b>PWXEDM172112I</b>	<b><i>module: Subtask status. Module=load_module, TaskID=taskid</i></b>
Explanation:	You entered a PowerExchange Agent START command, and the system is displaying the result of the command in <i>status</i> , the subtask ID in <i>taskid</i> , and the module specified in the ATTACHX macro in <i>load_module</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172113E</b>	<b><i>module: The taskid Subtask is status</i></b>
Explanation:	You issued a PowerExchange Agent START or STOP command for the specified subtask, but that subtask is already started, stopped, active, or inactive, as indicated in <i>status</i> .
System Action:	The PowerExchange Agent rejects the START or STOP command.
User Response:	Enter the correct command, if it is required.

**PWXEDM172114I    *module: Address space created. ASCB=ascb, STOKEN=stoken***

Explanation:        The system created an address space with the specified ASCB address and STOKEN.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172115E    *module: ASCRE failed. Return Code=rc, Reason=reason***

Explanation:        A request to create an address space using the ASCRE macro failed, and the macro returned the return code *rc* and reason code *reason*.

System Action:      The function that issued the request might fail.

User Response:      Use the information in this message to determine the cause of the failure, correct the cause, and run the job again. If the error persists or you cannot determine the cause of the error, contact Informatica Global Customer Support.

**PWXEDM172116E    *module: EDMRIOM function call failed. Error message follows:***

Explanation:        The PowerExchange repository request function that was issued to the EDMRIOM module failed. An additional error message that further describes the error follows this message.

System Action:      The function that issued the request might fail.

User Response:      Use the information in this message and the following message to determine the cause of the failure, correct the cause, and run the job again. If the error persists or you cannot determine the cause of the error, contact Informatica Global Customer Support.

**PWXEDM172117E    *module: Invalid DSN for Global Queue request. DSN=dsname***

Explanation:        A global queue request failed because the data set name *dsname* is invalid.

System Action:      The function that issued the request might fail.

User Response:      Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM172118E    *module: \$PDX function request failed. See Agent log for error message***

Explanation:        A \$PDX macro that was issued for the specified function failed. The PowerExchange Agent writes this message to the SYSLOG message log to indicate that you can find additional error messages in the PowerExchange Agent message log.

System Action:      The function that issued the macro might fail.

User Response:      Use the information in this message and in the associated messages in the PowerExchange Agent message log to determine the cause of the failure, correct the cause, and run the job again. If the error persists or you cannot determine the cause of the error, contact Informatica Global Customer Support.

**PWXEDM172119I    *module: Repository file OPENed. Repository DSN=dsname***

Explanation:        The PowerExchange Agent opened the PowerExchange repository data set *dsname*.

System Action:      Processing continues.

User Response:      No response is required.



<b>PWXEDM172120I</b>	<b><i>module: EP Name=ep_name, EPA=ep_address, Major Name=major_name, Load Point=load_point, Length=length</i></b>
Explanation:	This message provides additional information about an abend condition. It displays the name and address of the program that is abending.
System Action:	The abend processing continues.
User Response:	Use this message and any related message to help determine the cause of the abend. For assistance, contact Informatica Global Customer Support.
<b>PWXEDM172121E</b>	<b><i>prog: SUBSYS data set dynamic deallocation failed. DD Name=ddname, RC=rc, Error code=error, Info code=info</i></b>
Explanation:	A dynamic deallocation request for a SUBSYS data set failed. This message displays the DD name and the DYNALLOC return code, error code, and info code.
System Action:	The dynamic allocation fails and the function that issued the request might also fail.
User Response:	Use this message and any related message to help determine the cause of the abend. Contact Informatica Global Customer Support if you need assistance.
<b>PWXEDM172123E</b>	<b><i>ALESERV ADD for status Performance Dataspace failed. RC = return_code</i></b>
Explanation:	An ALESERV ADD issued by the PowerExchange Agent encountered an error. The return code is shown by <i>return_code</i> .
System Action:	The initialization process for the PowerExchange Agent ends.
User Response:	Contact Informatica Global Customer Support.
<b>PWXEDM172124E</b>	<b><i>Performance Dataspace validation failed, Reason = reason_code</i></b>
Explanation:	The PowerExchange Agent subtask that manages the performance data space found incorrect data in the anchor control block within the dataspace. The reason code indicates what was incorrect.
System Action:	The management subtask for the performance data space ends.  This condition might exhaust the space in the dataspace.
User Response:	Contact Informatica Global Customer Support. Note that the performance data space can be deleted and recreated by shutting down the AGENT STARTED task using the COMPLETELY operand of the SHUTDOWN command, and then restarting the PowerExchange Agent.
<b>PWXEDM172125E</b>	<b><i>DSPSERV EXTEND failed for Performance Dataspace. RC = return_code. Reason = reason_code</i></b>
Explanation:	An attempt to enlarge the performance data space using the DSPSERV macro with the EXTEND operand failed, with the return and reason code indicated.
System Action:	The management subtask for the performance data space ends. this could result in space in the dataspace becoming exhausted.
User Response:	Contact Informatica Global Customer Support. Note that you can perform the following tasks: <ol style="list-style-type: none"> <li>1. Delete the performance data space.</li> <li>2. Recreate it by shutting down the PowerExchange Agent started task by using the COMPLETELY operand of the SHUTDOWN command.</li> <li>3. Restart the PowerExchange Agent.</li> </ol>

**PWXEDM172126I DSPSERV Performance Dataspace successfully extended by blks 4K blocks**

Explanation: The performance data space was becoming full and was extended by the indicated number of blocks. Each block is 4 K bytes in size.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172127W DSPSERV Performance Dataspace is not at maximum size: blks blocks**

Explanation: After the extension indicated in the previous message, the performance data space is now at its maximum size.

System Action: Processing continues, but no additional increases can be performed. As a result, it is possible that space in the performance data space could become exhausted.

User Response: No response is required. If the performance data space becomes exhausted, it may be necessary to change the size parameters. Use PKDatspaceInit and PKDatspaceMax in the PowerExchange Agent Control Statement *AGENTCTL* file to change the size parameters. Recreate the performance data space by shutting down the PowerExchange Agent started task using the COMPLETELY operand of the SHUTDOWN command, and then restarting the PowerExchange Agent.

**PWXEDM172128E Error in Free Space element in Performance Dataspace, A = Address, RSN = reason\_code**

Explanation: An internal error was found in the free space elements maintained in the performance data space.

System Action: The erroneous free space element is removed from processing and is not eligible for reuse.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172129I num Free Space elements, containing numK and num bytes, successfully reclaimed**

Explanation: The free space reclamation process has completed a cycle of processing. The indicated number of blocks of free space containing the indicated total of bytes have been made available for reuse in the performance data space.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172130E Error in Free Space queue in Performance Dataspace, RSN = reason\_code**

Explanation: An internal error was found in the free space queue maintained in the performance data space.

System Action: The management subtask for the performance data space ends. This could result in space in the dataspace becoming exhausted.

User Response: Contact Informatica Global Customer Support. Note that the performance data space can be deleted and recreated by shutting down the PowerExchange Agent started task using the COMPLETELY operand of the SHUTDOWN command, and then restarting the PowerExchange Agent.

**PWXEDM172132E DELETE failed. Module = mod, Return code = rc**

Explanation: A DELETE macro was issued for the module shown by *mod*. However, MVS Contents Supervision was unable to remove the load module from the environment. The return code from the DELETE macro is indicated by *rc*.

System Action: The PowerExchange Agent subtask or task ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172133E Dataspace Request failed, *reqname*, Return code=*rc*, Reason = *reason\_code***

Explanation: An attempt by the PowerExchange Agent to invoke the virtual storage manager for the performance data space was unsuccessful. The type of request that failed is indicated by the *reqname*.

System Action: The management subtask for the performance data space ends. This could result in space in the dataspace becoming exhausted.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172134I *num* Used Space elements, containing *numK* and *num* bytes, successfully purged**

Explanation: The space purge process has completed a cycle of processing. The indicated number of blocks of used space, containing the indicated number of total bytes, have been removed from the performance data space. The space purge process identifies monitoring data that is obsolete and removed it from the dataspace.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172135E Attempt to unlatch POA block at address *addr* during recovery {was|was not} successful**

Explanation: An attempt to remove a latch on a POA control block during recovery from an abend that occurred in the management subtask for the performance data space was or was not successful, as indicated. The POA control block was located at the address indicated by *addr* within the performance data space.

System Action: The management subtask for the performance data space ends due to the previous abend.

User Response: Contact Informatica Global Customer Support. If the latch was not removed, it may become necessary to delete and recreate the performance data space by shutting down the PowerExchange Agent started task using the COMPLETELY operand of the SHUTDOWN command, and then restarting the PowerExchange Agent.

**PWXEDM172136E Creation of SCOPE=COMMON dataspace failed, check PARMLIB MAXCAD limit**

Explanation: An attempt to create a SCOPE=COMMON dataspace for the PowerExchange Agent using the DSPSERV CREATE operand failed. The return code and reason code are given in the DATA = value portion of the previous message. The specific return code and reason code indicate that the maximum number of SCOPE=COMMON dataspaces may have been reached.

System Action: The PowerExchange Agent ends.

User Response: To increase the limit, change the MAXCAD value in the IEASYSxx member of SYS1.PARMLIB, and re-IPL. Contact Informatica Global Customer Support.

**PWXEDM172138E *module*: EDMSDIR contains Agent Id *agent\_ID*, which does not match Agent name *agent\_name***

Explanation: The PowerExchange Agent loaded the EDMSDIR load module, but the specified agent ID is not the same as the name of the PowerExchange Agent.

System Action: The PowerExchange Agent processing ends.

User Response: Verify that the PowerExchange Agent is using the correct EDMSDIR load module.

**PWXEDM172139I    *module: Existing control\_block, used by Agent agent\_ID. Addr=address. status***

Explanation:        The PowerExchange Agent found a valid MVS subsystem control block, located at the specified address.

System Action:      The PowerExchange Agent processing continues. The possible values for status are:

- RECLAIM
- Use, as is.
- REFRESH
- Rebuild.

User Response:      No response is required.

**PWXEDM172140I    *module: {Duplicate Log Reader | Log Reader} log\_reader\_name disconnected from Log Merge task logger\_id, return code=rc, reason code=reason***

Explanation:        A task or job has disconnected from the Log Merge task. The name and type of the task or job are indicated in the message, along with any return code or reason code associated with the disconnection. If the return code and reason code are zero, this is normal. If the return code and reason code are non-zero, the disconnect may have occurred due to some other problem.

System Action:      Processing continues

User Response:      If the return code and reason code are non-zero, look for other messages that might indicate a problem, and check the meaning of the return code and reason code for an explanation of the problem. Also look at the output created by the associated job or task for any possible error.

**PWXEDM172141I    *module: EDM Logger logger\_jobname has started on system smf\_ID***

Explanation:        A member Logger, *logger\_jobname*, that is part of the Post-Log Merge process has been started on system *smf\_id*.

System Action:      As part of its initialization, it will signon to the Post-Log Merge task to verify proper serialization and sequencing of log records being merged from all the member Loggers. The message text includes the job name of the member Logger, the SMF id of the system on which the member Logger is executing, and the name of the log reader whose status has been changed to recognize that the member Logger is now active. The message is issued once for each active log reader that will receive data merged from that member Logger. Processing continues.

User Response:      This is an informational message. No response is required.

**PWXEDM172142W** *module: Logger **logger\_jobname** on system **smf\_id** has terminated for Log Reader **log\_reader\_name** - LMF will continue*

Explanation: A member Logger, *logger\_jobname*, that is part of the Post-Log Merge process ends. The Post-Log Merge task will continue to merge data from that member Logger until the end of its data is reached. After that time, new data from that member is not merged by the Post-Log Merge task until the member Logger signs back on to the Post-Log Merge task. The signon of a member Logger is indicated by message PWXEDM172141I.

The message text includes the job name of the member Logger (*logger\_jobname*), the SMF id (*smf\_id*) of the system on which the member Logger was executing, and the name of the log reader (*log\_reader\_name*) whose status has been changed to recognize that the member Logger is no longer active. The message is issued once for each active log reader that was receiving data merged from that member Logger.

System Action: Processing continues.

User Response: Investigate the termination of the member Logger. If the termination was expected, such as during a shutdown so that the system could be IPLed, no user action is required. If the termination was unexpected, determine the reason and attempt to restart it. If the problem cannot be determined, or if the member Logger cannot be restarted, contact Informatica Global Customer Support.

**PWXEDM172143E** *module: LMF merging data from an invalid environment*

Explanation: LMF has found multiple loggers being merged which are not on the same sysplex, are on the same sysplex but do not have an external timer, or the PowerExchange Loggers are not on the same CPU.

System Action: Processing stops.

User Response: Remove the ERDSs that are not to be merged or run the PowerExchange Logger on the correct system.

**PWXEDM172144E** *module: Invalid JCL PARM value **value** for {Log Merge | Log Scan/Print Utility} task*

Explanation: The job or task was started with JCL that specified PARM=, but the value in the PARM parameter was not valid. The message contains up to eight characters of the invalid value that was supplied in the JCL. The only valid value is Traced, where the value of x is one of E, S, or L. The default value is E, meaning that no tracing is to occur.

System Action: The Log Merge or Log Scan/Print task ends.

User Response: Correct the JCL that was used to start the job or task, and restart it. If the problem persists, contact Informatica Global Customer Support for assistance.

**PWXEDM172145E** *module: LMF is using LOGRGRP but the UOW sequence number used is not a timestamp*

Explanation: LMF has found that the LOGRGRP is used in the EDMSDIR, but the PowerExchange Logger does not have a time stamp in the sequence field.

System Action: Processing stops.

User Response: Verify that the PowerExchange Loggers that are being merged have a value of "Y" for "all" specified in the LOGRGRP parameter in the EDMSDIR.

**PWXEDM172146I** *module: LMF is now processing dataset **dataset\_name** for {Log Scan/Print Utility | Log Reader **log\_reader\_name**}*

Explanation: LMF is identifying the LOG DATASET to be processed next.

System Action: Processing continues. The process for which the data set is being accessed is identified as either:

- Log Scan/Print Utility
- Log Reader - followed by log reader name

User Response: No response is required.

**PWXEDM172147E *module: LMF has encountered an error with function *function* return code=rc***

Explanation: The program has encountered an error during a log process function from [DSPSERV | DIV | HSPSERV | DYNAMIC ALLOCATION | DYNAMIC REALLOCATION | OPEN]. The following functions could be related to the error encountered:

- UNMAP
- UNACCESS
- UNIDENTIFY
- RELEASE
- DELETE
- DEALLOCATE
- GENCB
- OPEN
- SHOWCB
- CLOSE
- CREATE
- IDENTIFY
- ACCESS
- MAP
- RESET
- SREAD
- OPEN
- MODCB
- GETRPL
- POINT

System Action: Processing ends.

User Response: Investigate failure and contact Informatica Global Customer Support.

**PWXEDM172148E *module: Error was encounter opening the archive log dataset return code=rc***

Explanation: The program has encountered an error during the open of the archive log.

System Action: Processing ends.

User Response: Investigate why open failed and contact Informatica Global Customer Support.

**PWXEDM172149E *module: End of file has been reached on the allocated log. This should not occur***

Explanation: The program has reached EOF on an archive data set, this should not occur.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172150E module: Dynamic allocation error has occurred return code=rc**

Explanation: An error was detected during dynamic allocation of an active or archive data set.

System Action: Processing ends.

User Response: Check to see if the data set was allocated to another job or if the data set still exists.

**PWXEDM172151I module: Log merge will use {XCF|the MVS LOGGER} for data transmission.**

Explanation: This message describes the mode of transmission for the log merge.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172152E module: Global function failed Return code=rc**

Explanation: The issuing program called a service or function that returned a non-zero return code. Some of the functions that can have this error are in the following list:

- READQ
- PUTQ
- CONNECTQ
- DISCONNECTQ
- XCF group get
- XCF sign on to the PowerExchange Logger
- XCF free
- XCF join
- XCF leave
- XCF get
- CREATEQ
- OPENQ
- CLOSEQ
- MVS Logger connect
- MVS Logger write
- MVS Logger browse start
- MVS Logger browse
- MVS Logger delete
- XCF put
- DELETEQ

System Action: Processing ends.

User Response: Check for previous error messages. Contact Informatica Global Customer Support

**PWXEDM172153E module: The EDM Logger is not available.**

Explanation: An error was detected in EDMLSND1. The PowerExchange Logger is not up and executing.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172154E Error initializing common services.**

Explanation: An error was detected in EDMLSND1.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172155E Agent is not active**

Explanation: An error was detected in EDMLSND1.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172156E Error in common services connect.**

Explanation: An error was detected in EDMLSND1.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172157E EDMLSND3 could not be loaded.**

Explanation: An error was detected in EDMLSND1. The module could not be loaded.

System Action: Processing ends.

User Response: Find out why the module did not load. Verify that the module is not missing and there is not a storage problem.

**PWXEDM172158I *module: Sender is ready for processing***

Explanation: This is an informational message notifying you that the sender is ready for processing.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172159E *module: Inconsistent response from LRP-XCF***

Explanation: The LMF control module was expecting a read response.

System Action: The job will terminate.

User Response: Restart job or contact Informatica Global Customer Support.

**PWXEDM172160E *module: Get main failed at initialization. Return code=rc***

Explanation: An error was detected indicating that virtual storage is not available.

System Action: Processing ends.

User Response: Increase the size on the region card.

**PWXEDM172161I *module: Receiver is ready for processing.***

Explanation: This is an informational message notifying you that the receiver is up and ready for processing.



System Action: Processing continues.

User Response: No response is required.

**PWXEDM172162E *module: Critical error -- receiver table is full.***

Explanation: The receiver table is full and cannot accept more data.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172163I *module: Sender has been restarted, a possible loss of data has occurred.***

Explanation: Informational message records were left in the receiver at the restart of the sender. The restart cannot be validated.

System Action: Processing continues.

User Response: Verify records that are in question.

**PWXEDM172164E *module: The receiver has encountered a buffer full condition.***

Explanation: Buffer space has been exhausted and records cannot be processed.

System Action: The system will retry for buffers later.

User Response: No response is required.

**PWXEDM172165E *The receiver is not available.***

Explanation: The receiver was not available at the time the sender was started.

System Action: Processing ends.

User Response: Start the receiver on the appropriate system.

**PWXEDM172166E *module: PAC/LRP must be on the same MVS image as LMF***

Explanation: The PAC job must run on the same MVS image that LMF is running on.

System Action: Processing ends.

User Response: Start the PAC job on the same system as LMF.

**PWXEDM172167E *module: PAC/LRP with the same name is already active with LMF***

Explanation: A previous PAC with the same name had already been attached with LMF.

System Action: Processing ends.

User Response: Investigate why PAC is already attached with LMF.

**PWXEDM172168E *module: Reader rrrrrrr terminating abnormally: reason***

Explanation: A Log Reader task has encountered an unexpected logic error, and must terminate. The specific reason for the error is indicated in the message text. If the module shown in the message is EDMLPOPU then this is related to Post-Log merge processing. The reason can be one of:

- Unknown ECB Posted
- Logical Reader Error

System Action:	The Log Reader subtask will terminate, and the corresponding Log Reader job will also terminate.
User Response:	Investigate the cause of the error indicated, and if possible, restart the Log Reader job. If the Log Reader job will not restart, contact Informatica Global Customer Support.
<b>PWXEDM172169I</b>	<b><i>module: QUIT has been issued the sender is terminating</i></b>
Explanation:	This informational message indicates that the pre-log merge sender task is ending due to a user request.
System Action:	The pre-log merge sender task ends.
User Response:	No response is required.
<b>PWXEDM172170I</b>	<b><i>module: Receiver -- operator reply</i></b>
Explanation:	The receiver was not available at the time the sender was started.
System Action:	Processing ends.
User Response:	Start the receiver on the appropriate system.
<b>PWXEDM172171I</b>	<b><i>module: QUIT has been issued the receiver is terminating</i></b>
Explanation:	This informational message indicates that the pre-log merge receiver task is ending due to a user request.
System Action:	The pre-log merge receiver task ends.
User Response:	No response is required.
<b>PWXEDM172172I</b>	<b><i>module: Sender has signed on to the EDM Logger</i></b>
Explanation:	The sender has communicated through XCF to the PowerExchange Logger.
System Action:	Processing ends.
User Response:	Start the receiver on the appropriate system.
<b>PWXEDM172173I</b>	<b><i>module: Sender has signed on to the EDM receiver</i></b>
Explanation:	The sender talked to the receiver.
System Action:	Processing ends.
User Response:	Start the receiver on the appropriate system.
<b>PWXEDM172174E</b>	<b><i>module: Sender is terminating due to a critical write error</i></b>
Explanation:	The sender is ending. A critical error has occurred which will result in data loss.
System Action:	Processing ends.
User Response:	Find out why the error occurred by reviewing the previous message.
<b>PWXEDM172175W</b>	<b><i>module: An External Timer Routine is necessary to run LMF</i></b>
Explanation:	LMF has issued a warning about the external timer. If the PowerExchange Loggers are run from the same system, an external timer is not necessary. However, there are no integrity checks to verify this.
System Action:	Processing continues after warning.

User Response: An external timer must be running to insure time integrity.

**PWXEDM172176I *module: Receiver has signed on to the EDM Logger***

Explanation: The receiver has started communication with the PowerExchange Logger.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172177I *module: Sender asynchronous process terminating***

Explanation: The receiver has started communication with the PowerExchange Logger.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172178I *module: Last record transmitted was record record\_number***

Explanation: This message displays the count of transmitted records from the sender. The message is displayed at termination.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172179E *module: Attach failed for module module\_name return code=rc***

Explanation: The issuing program called a service or function which returned a non-zero return code.

System Action: Processing ends.

User Response: Check for previous error messages and then contact Informatica Global Customer Support.

**PWXEDM172180I *module: System system\_ID on record record\_number at store clock time***

Explanation: This informational message displays the last record received by the receiver. The message is displayed at termination.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172181I *module: Next record to be processed from system system\_ID is record\_number. There are no records queued.***

Explanation: This informational message displays records queued by system in the receiver. The message is displayed at termination.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172182I *module: No records have been processed since start-up.***

Explanation: This informational message states that no records have been processed since start-up.

System Action: Processing continues.

User Response: No response is required.

<b>PWXEDM172183E</b>	<b><i>module: Log Reader <code>log_reader_name</code> has sent a “type” request but no signon entry is present in LMF</i></b>
Explanation:	LMF cannot find the entry in the PAC table that corresponds to the job or task that sent the request. The type of request and the job or task that sent the request are included in the message. The variable “type” is one of the following values: <ul style="list-style-type: none"> <li>• Request Data Transfer</li> <li>• Shutdown Data Transfer</li> <li>• Terminate Process</li> </ul>
System Action:	The request is ignored. This may lead to the job or task that sent the request being in a permanent wait.
User Response:	Identify the job or task that sent the request, and determine its status. If necessary, cancel that job or task, and attempt to rerun it. If the problem persists, contact Informatica Global Customer Support.
<b>PWXEDM172184I</b>	<b><i>module: The receiver is not communicating sender waiting</i></b>
Explanation:	The sender was in the act of transmitting and received an inactive condition from the receiver.
System Action:	The job waits for the restart of the receiver to attempt recovery.
User Response:	No response is required.
<b>PWXEDM172185E</b>	<b><i>module: The sender attempted restart but could not retransmit data requested by receiver</i></b>
Explanation:	The sender was in the process of retransmitting data after the receiver started and the required record was flushed from the buffers.
System Action:	The sender ends because data integrity is lost.
User Response:	Restart the sender and any job that is running.
<b>PWXEDM172186I</b>	<b><i>The receiver has started communication with the sender again</i></b>
Explanation:	The sender was waiting for a reset from the receiver. The reset was received and transmission starts again.
System Action:	The sender starts transmission again.
User Response:	No response is required.
<b>PWXEDM172187E</b>	<b><i>module: The EDM Logger has terminated. The receiver is waiting to restart.</i></b>
Explanation:	The receiver uses queues established by the PowerExchange Logger. If the PowerExchange Logger ends, it must be restarted so that the receiver may run.
System Action:	The receiver ends.
User Response:	Restart the PowerExchange Logger.
<b>PWXEDM175188I</b>	<b><i>module: System Checkpoint record <code>record_number</code></i></b>
Explanation:	This informational message shows the last checkpoint record.
System Action:	Processing continues.
User Response:	No response is required.

**PWXEDM172189I    *module: System Reset on record `record_number` after the receiver restart***

Explanation:        This informational message shows the last reset record.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172190I    *module: System trace has been turned to option `trace_option`***

Explanation:        This informational message displays the trace option entered on the modify command.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172191I    *module: LMF will [begin/stop] transferring data for {Log Scan/Print Utility|Log Reader `log_reader_name`} at `log_location`***

Explanation:        Displays the starting data transfer location that is used for the Log Reader job or the specified task in the message, or for the Log Scan/Print Utility run.

The words "Log Reader" followed by *log\_reader\_name* appear if this message is issued in Post-Log Merge.

The words "Log Scan/Print Utility" (and no name) appear if the message is issued from the Log Scan/Print utility.

System Action:      The job continues processing.

User Response:      Informational message only.

**PWXEDM172192I    *module: LMF Tasks have stopped successfully due to operator shutdown***

Explanation:        This informational message notifies that the LMF system is ending due to operator request.

System Action:      The job ends.

User Response:      No response is required.

**PWXEDM172193I    *EDMLCTRD: Reader xxxxxxxx has terminated [abnormally]***

Explanation:        The specified log reader ended abnormally. Check the output from job to find the reasons for termination.

System Action:      The LMF continues the function that it was processing.

User Response:      Restart the job, if necessary.

**PWXEDM172194I    *module: LMF task for {Log Reader `log_reader_name`|Log Scan/Print Utility} has terminated prematurely due to an abend***

Explanation:        The LMF task corresponding to the specified job ended abnormally. The words "Log Reader" followed by *log\_reader\_name* appear if this message is issued in Post-Log Merge. The words "Log Scan/Print Utility" (and no name) appear if the message is issued from the Log Scan/Print utility.

System Action:      The LMF task will terminate

User Response:      Look at the output from the LMF Job, and from the corresponding Log Reader job, to determine the reason.

**PWXEDM172195I    *module*: LMF task for {Log Reader *log\_reader\_name*|Log Scan/Print Utility} is terminating due to an operator stop or PAC termination**

Explanation:        The log read tasks under LMF have terminated. The words "Log Reader" followed by *log\_reader\_name* appear if this message is issued in Post-Log Merge. The words "Log Scan/Print Utility" (and no name) appear if the message is issued from the Log Scan/Print utility

System Action:      Continue termination.

User Response:      No response is required.

**PWXEDM172196I    EDMLCTRD: Reader xxxxxxxx has requested stop transmission**

Explanation:        A log reader requests that post-log merge stop transmission of data.

System Action:      The log reader subtask ends but other active log readers, if any, continue to function.

User Response:      No response is required.

**PWXEDM172197E    Unable to LOAD module *module\_name***

Explanation:        The specified module could not be found in the JOBLIB/STEPLIB concatenation.

System Action:      Processing ends.

User Response:      Verify that all required LOAD libraries are in the JOBLIB/STEPLIB concatenation.

**PWXEDM172198I    *module*: LMF table populate tasks are terminating due to an operator stop or PAC termination**

Explanation:        The log read tasks under LMF have terminated.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172199E    *module*: LMF time has encountered an error return code=*rc***

Explanation:        The LMF timer macro has encountered an error.

System Action:      Region ends.

User Response:      Investigate possible reasons for termination and contact Informatica Global Customer Support.

**PWXEDM172200I    *module*: *display\_type* display for EDM Agent *agentid***

Explanation:        You entered a PowerExchange Agent DISPLAY command, and this message indicates both the type of display list that follows this message and the PowerExchange Agent for which the display list is generated.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172201I    *module*: No locks are currently held**

Explanation:        You issued a DISPLAY LOCKS command, but no PowerExchange Agent locks are currently held.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172202I    *module: object – ASCB=ascb\_address, TCB=tcb\_address***

Explanation:        You entered a PowerExchange Agent DISPLAY LOCKS or DISPLAY TASKS command. If you used DISPLAY LOCKS, object identifies the name of the PowerExchange lock and *ascb\_address* and *tcb\_address* identify the ASCB and TCB addresses of the owner of the lock. If you used DISPLAY TASKS, object identifies the TAFF entry, and *ascb\_address* and *tcb\_address* identify the ASCB and TCB addresses of the registered tasks.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM172203I    *module: Job=job, Step=step, ProcStep=proc\_step, JobID=jesid***

Explanation:        You entered a DISPLAY TASKS command, and this message provides the job name, step name, PROC step name and JES job ID of a registered task.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM172204I    *module: Handle addr=handle\_address, Task-related area addr=task\_address***

Explanation:        You entered the PowerExchange Agent DISPLAY TASKS command, and this message provides the addresses of both the PowerExchange Agent handle and the task-related work area of a registered task.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM172205I    *module: dsname - CQMN=token, Seq=seq\_number***

Explanation:        You entered a DISPLAY GBLQDSNS command, and this message is the response to the command. The message displays the data set name, the circular queue main token, and a unique sequence number for the PowerExchange Agent global circular queue.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM172206I    *module: End of list***

Explanation:        The PowerExchange Agent issues this message at the end of all DISPLAY command output lists.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM172207I    *module: module\_name – EPA=epa, Version=version, Date=date, Time=time***

Explanation:        You entered the PowerExchange Agent DISPLAY MODULES command, and this message provides the entry-point address (EPA), version, and build date and time for the module specified in *module\_name*. If version, date, or time contain queries, the PowerExchange Agent component does not own the module but is using it.

System Action:        Processing continues.

User Response:        No response is required.

<b>PWXEDM172208I</b>	<b>PMP addr=address, Subpool=subpool, Module len=modlength, PMP len=pmplength, CDE=cde_address</b>
Explanation:	You entered a DISPLAY MODULES command. For each copy of a module identified in a preceding message, the PowerExchange Agent displays the address of the module prefix, the storage subpool into which the module was loaded, the length of the module, and the combined length of the module and its prefix. If an associated LPA CDE exists, the message also displays the CDE address.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172209E</b>	<b>module: Repository request failed. Return Code=rc,Reason=reason</b>
Explanation:	A request for PowerExchange repository data failed and returned the return code <i>rc</i> and reason code <i>reason</i> .
System Action:	The PowerExchange repository rejects the request. Also, the calling function might fail.
User Response:	Use the return code and reason code to determine the cause of the error, correct the cause, and run the job again.  If you cannot determine the cause of the failure or if the failure persists, collect all available information about the error. Contact Informatica Global Customer Support.
<b>PWXEDM172210I</b>	<b>module: JCL EXEC PGM=jclprogram, RB CDE Program=rbprogram, Initiator ID=initid</b>
Explanation:	This message is issued in response to a DISPLAY command. It provides the program name from the JCL EXEC ( <i>jclprogram</i> ) and the program name from the current PRB associated with the address space identified in a preceding message ( <i>rbprogram</i> ). For a batch job, this message also displays the associated JES initiator ID ( <i>initid</i> ).
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172211I</b>	<b>module: module_wait1 (ascb1/tcb1) statusmodule_hold2 (ascb2/tcb2) for lock=lockid(ecb_address/ecb)</b>
Explanation:	This message displays a <i>status</i> for the module identified in <i>module_wait1</i> when it is trying to get a lock from the module identified in <i>module_hold2</i> . The <i>status</i> can be one of the following conditions:  The module identified by <i>module_wait1</i> is waiting for the lock.  The module identified by <i>module_wait1</i> is posting to <i>module_hold2</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172212I</b>	<b>module: module_wait (ascb/tcb) now owns lockid lock</b>
Explanation:	The specified module gained ownership of the lock designated by <i>lockid</i> .
System Action:	Processing continues.
User Response:	No response is required.



<b>PWXEDM172213I</b>	<b><i>module: SRB POSTING module_wait(ascb/tcb) for lockid(ecb_address/ecb)</i></b>
Explanation:	The module holding the lock designated by <i>lockid</i> will post to the module that is waiting for the lock.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172214I</b>	<b><i>module: agent_ID function Exit status. ASCB=ascb_address, ASID=asid, TCB=tcb_address</i></b>
Explanation:	An end-of-task, early-end-of-task, or end-of-memory exit routine, as shown by function, for the PowerExchange Agent indicated by <i>agent_ID</i> , either received control or completed processing as shown by status. The ending task or address space is indicated by <i>ascb_address</i> , <i>asid</i> , and <i>tcb_address</i> . For an end-of-memory exit routine, the TCB is zero.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172215I</b>	<b><i>module: Resource Mngr status. Type=type(ecb_address), Owner=(owner_ascb/owner_tcb), Target=(target_ascb/target_tcb)</i></b>
Explanation:	A resource manager element was either added or deleted, as shown by <i>status</i> . The type is ECB or ROUTINE, and the <i>ecb_address</i> indicates the ECB address in the owning ASID, or the address of the routine in common storage. The <i>owner_ascb</i> and <i>owner_tcb</i> addresses indicate the ASCB and TCB of the module that owns the element. The <i>target_tcb</i> and <i>target_ascb</i> indicate the ASCB and TCB of the module that is being monitored.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172216I</b>	<b><i>module: VSAM service SVC status. Job=job_ID, Step=step_ID</i></b>
Explanation:	This message provides status information about the VSAM service, including job and step identifiers.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172217I</b>	<b><i>module: EDM VSAM Change Capture {deactivated reactivated}</i></b>
Explanation:	This message shows the status of the VSAM change capture process for the PowerExchange Agent, when starting or stopping.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172249I</b>	<b><i>module: agent_ID Clean up - operation. item=value</i></b>
Explanation:	The PowerExchange Agent specified in the message is performing clean-up tasks for the operation. The value field displays additional information about the operation.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172256I</b>	<b><i>module: EDM Agent agent_ID has completed initialization</i></b>
Explanation:	The PowerExchange Agent identified in the message completed its startup procedure.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172257E EDMSREP0: REPSTATUS operation failed, RC=rc**

Explanation: A REPSTATUS was issued command but the execution of that command failed. The return code that was received from the REPSTATUS command is included in the message text. Error messages that further describe the problem should appear earlier in the EDMSLOG data set in the PowerExchange Agent.

System Action: Processing continues.

User Response: This message is normal if a REPSTATUS command is issued when the PowerExchange Agent parameters specify RepositoryMode=EDP. See the message PWXEDM172010I in the PowerExchange Agent JOBLLOG to determine the RepositoryMode specified at startup. If RepositoryMode=Detail is specified and this message is issued, contact Informatica Global Customer Support.

## PWXEDM172500I to PWXEDM172798I: The PowerExchange Logger

**PWXEDM172500I *logger\_title* -READY- *loggerid***

Explanation: The PowerExchange Logger identified by *logger\_title* and *loggerid* is ready for you to enter a command.

System Action: The PowerExchange Logger waits for you to enter the command.

User Response: Enter a PowerExchange Logger command for the designated PowerExchange Logger. Enter this number with the interactive commands for this PowerExchange Logger. To verify that you are entering a command for the correct PowerExchange Logger, get the outstanding reply number.

The outstanding reply number is the number preceding the message number. In the following example, the outstanding reply number is the \*05 that precedes the string PWXEDMLOG172500I, as follows:

```
11.43.44 STC01278 *05 PWXEDM172500I ##### -READY- #####
```

**PWXEDM172501A *logger\_title* - AWAITING MORE INPUT - *loggerid***

Explanation: The PowerExchange Logger received a partial command or subcommand and is waiting for the remainder of the command.

System Action: The PowerExchange Logger waits on the remainder of a command or a subcommand.

User Response: Enter a valid PowerExchange Logger command or subcommand.

**PWXEDM172502I EDM Logger initialization in-progress with EDMLID= *subsystem* and product level *vrmmdate***

Explanation: The PowerExchange Logger initialization is in progress. EDMLID displays the subsystem name. The product level displays the PowerExchange Logger version (*v*), release (*r*) and modification (*mm*) level. The date field displays the PowerExchange Logger release date.

System Action: The PowerExchange Logger continues processing captured data.

User Response: No response is required.

**PWXEDM172503E EDM Logger current RBA = *current\_RBA* is less than requested RBA = *requested\_RBA***

Explanation: The current writing position of the PowerExchange Logger is less than the starting relative byte address (RBA) requested by a reader task.

System Action: The reader task ends and processing continues.

User Response: Correct the requested RBA of the log read processor (LRP).

**PWXEDM172504I Log\_RBA = *log\_RBA*, Read\_RBA = *read\_RBA*, Start\_RBA = *start\_RBA***

Explanation: This message is part of the PowerExchange Logger for MVS reader connection report. It shows the following RBA information:

- Log\_RBA. The location at which the PowerExchange Logger is currently writing.
- Read\_RBA. The location that the log reader last processed.
- Start\_RBA. The requested starting location for the log reader.

The RBAs point to the current block but do not reflect the record that is currently being processed within that block.

System Action: PowerExchange Logger processing continues.

User Response: No response is required.

**PWXEDM172505I EDM Logger UOW=*unit\_of\_work***

Explanation: This message is part of the unit of work (UOW) report and shows the PowerExchange Logger UOW information.

System Action: The PowerExchange Logger processing continues.

User Response: No response is required.

**PWXEDM172506I *logger\_title* subtask shutdown in progress**

Explanation: The specified PowerExchange Logger received a stop request.

System Action: The PowerExchange Logger begins the termination process.

User Response: No response is required.

**PWXEDM172507W *logger\_title* subtask subtask abended with *abend\_code***

Explanation: The subtask identified by subtask, which is within the PowerExchange Logger identified by *logger\_title*, has ended abnormally with the abend code *abend\_code*.

System Action: The specified subtask ends abnormally.

User Response: This is an internal error. Collect all available information about the cause of the abend, and contact Informatica Global Customer Support.

**PWXEDM172508I *logger\_name* subtask Task complete, RC=*return\_code***

Explanation: The specified PowerExchange Logger for MVS subtask completed processing with the specified return code.

User Response: Use the return code to determine whether the task completed successfully.  
If the task did not complete successfully, collect all available information about the cause of the failure, and then contact Informatica Global Customer Support.

**PWXEDM172509I    *Logger\_task\_name subsystem\_ID* Shutdown complete**

Explanation: The specified PowerExchange Logger for MVS task ended.

User Response: No response is required.

**PWXEDM172510W    EMERGENCY SHUTDOWN COMPLETE, Return Code=*rc***

Explanation: The recovery routine (ESTAE) program received control following a system abend. The return code (*rc*) is one of the following:

- 0. No ITASKs or connections were active at termination time.
- 4. One or more ITASKs were active at termination time.

System Action: The PowerExchange Logger ends abnormally.

User Response: Collect all available information about the cause of the shutdown, and contact Informatica Global Customer Support.

**PWXEDM172511E    EDM Logger initialization failed, unable to load module *module***

Explanation: The PowerExchange Logger was unable to load the specified *module* during initialization.

System Action: The PowerExchange Logger ends abnormally.

User Response: Collect all available information about the cause of the termination, and contact Informatica Global Customer Support.

**PWXEDM172512I    EDM Logger is now accepting data**

Explanation: The PowerExchange Logger has completed its start-up processes. Change capture jobs may now be executed.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172513E    The EDMSDIR LOGRGRP parameter has been changed**

Explanation: The LOGRGRP parameter has been changed. This cannot occur because formatting of sequence numbers is different. A cold start is required to perform this change.

System Action: The PowerExchange Logger ends.

User Response: Either cold start or change the LOGRGRP back to its original value.

**PWXEDM172514E    ASCB address in logger data record is not an ASCB**

Explanation: The address passed in the PowerExchange Logger data record for the address space is incorrect. The PowerExchange Logger ignores the record and will not post the ECCR.

User Response: If any ECCR is left in a wait, it must be cancelled.

**PWXEDM172517I    EDM Sysplex Report**

Explanation: This is an informational message showing the result of status command.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172518I Sysplex Name - *sysplex\_name* Sysplex status - *sysplex\_status***

Explanation: This is an informational message showing the result of status command and identifying general Sysplex information.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172519I EDM Groupname - *XCF\_group\_name* Members Connected - -**

Explanation: This is an informational message showing the result of status command and showing PowerExchange members operations in the system.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172520I Jobname *jobname* Sysplex *sysplex\_name* Member *XCF\_member***

Explanation: This is an informational message showing the result of status command.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172521W Another CONSOLE is already activated, (e.g. SDSF) please deactivate**

Explanation: This is a warning that another console is activated under the ISPF task.

System Action: The command is not executed until the other console is deactivated.

User Response: End the ISPF by using the console.

**PWXEDM172522W System name is incorrect return code=*rc*, reason code=*reason***

Explanation: An improper system name was used when attempting to route a command.

System Action: The command is not executed until the proper system name is used.

User Response: Use the status command to find systems in the sysplex.

**PWXEDM172523I No groups related to EDM were found**

Explanation: A search for PowerExchange related activity was performed and no systems were found active.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172524W *ECCR\_name* on wrong MVS image to connect with Logger**

Explanation: An ECCR or Reader has tried to connect with the PowerExchange Logger from a system it cannot be connected from. If multiple MVS images are required, use pre or post log merge.

System Action: The system continues ignoring input from the job.

User Response: Run the job on the system with the PowerExchange Logger or establish a log merge environment.

**PWXEDM172541E    *Logger running from a non-APF authorized library, ROUTCODE=routing\_code, DESC=descriptor\_code***

Explanation:        The PowerExchange Logger was running from a library that was not an APF-authorized load library. If any unauthorized library is included in the STEPLIB concatenation, APF-authorization is dropped for it.

System Action:      The PowerExchange Logger ends.

User Response:      Authorize the load library from which the PowerExchange Logger is to be run. You can use the MVS SETPROG command to perform the library authorization.

**PWXEDM172542W    *Change capture agent xcf\_member\_name connection to Logger logger\_id deferred - reason***

Explanation:        This message is issued when the PowerExchange Logger has received a signon request from a change capture agent (an ECCR), *xcf\_member\_name*, but cannot process that request immediately. In this case, the signon is deferred and is processed after the PowerExchange Logger is able to do so.

System Action:      Processing continues.

When the PowerExchange Logger is able to process the request, message PWXEDM172668I is issued to indicate that the signon request has now been processed and a response is sent back to the ECCR.

If the deferred signon request fails, message PWXEDM172669I is issued instead of PWXEDM172668I. The name of the ECCR (*xcf\_member\_name*), the name of the PowerExchange Logger (*logger\_id*), and a description of the reason why the signon had to be deferred temporarily (*reason*) are included in the text of the message. The only current value for reason is "Logger quiesced." However, the processing in the ECCR is delayed until the PowerExchange Logger is able to process the signon request, and respond back to the ECCR.

User Response:      Investigate the reason for the delay in processing the signon request by the PowerExchange Logger.

In a Post-Log Merge environment, one possible cause is that the PowerExchange Logger has entered a quiesced state for Post-Log Merge. It needs to leave that state (resume normal operations) before it can allow any ECCRs to connect. In this situation, you may need to refer to any messages that might have been issued in the Post-Log Merge task to determine why the PowerExchange Logger cannot resume normal operations.

If you cannot identify and correct the problem, contact Informatica Global Customer Support.

**PWXEDM172543W    *Logger logger\_id quiesce failed from xcf\_member\_name (jobname job\_name on system system\_name), return code=return\_code, reason code=reason\_code***

Explanation:        This message is issued when the PowerExchange Logger has received a response to a quiesce request but the return code (*return\_code*) and reason code (*reason\_code*) indicate that the quiesce request could not be honored. The quiesce request (QUIESCL command) is sent to the Post-Log Merge task by the PowerExchange Logger because there are no ECCRs connected to it for the duration of the interval specified by TIME\_CHKPT\_FREQ in the PowerExchange Logger options (EDMUPARM).

The name of the PowerExchange Logger (*logger\_id*), the name of the Post-Log Merge task (*xcf\_member\_name*), the job name under which the Post-Log Merge task is executing (*job\_name*), and the system on which it is executing (*system\_name*) are all included in the text of the message.

The message text also includes the value of the return code (*return\_code*) and reason code (*reason\_code*) that the PowerExchange Logger found in the QUIESCL response message.

System Action: Processing continues and the PowerExchange Logger leaves the quiesced state. The state of the Post-Log Merge address space cannot be determined by the PowerExchange Logger.

User Response: Investigate the reason for the error in processing the QUIESCL request by the Post-Log Merge task. You may need to refer to messages that may have been issued by the Post-Log Merge task itself for further information on why it failed to honor the quiesce request. To correct the problem, it may be necessary to recycle either the Post-Log Merge task or the PowerExchange Logger. If you cannot identify and correct the problem, contact Informatica Global Customer Support.

**PWXEDM172544I    *Logger `logger_id` successfully resumed logging for merging by `xcf_member_name` (jobname `job_name` on system `system_name`)***

Explanation: This message is issued when the PowerExchange Logger has received a successful response to a request to resume logging data. The response is issued by the Post-Log Merge task as a result of a RESUMEL request sent by the PowerExchange Logger to the Post-Log Merge task. The request was sent because the PowerExchange Logger had previously communicated to the Post-Log Merge task that the PowerExchange Logger was going to temporarily stop logging (quiesce itself) as there were no ECCRs currently connected to the PowerExchange Logger. However, one or more ECCRs have now tried to connect to the PowerExchange Logger so it must change its status with the Post-Log Merge task. The purpose of the quiesce and resume process is to allow the Post-Log Merge task to operate more efficiently as it does not have to worry about merging data from any Loggers that are quiesced.

The name of the PowerExchange Logger (*logger\_id*), the name of the Post-Log Merge task (*xcf\_member\_name*), the job name under which the Post-Log Merge task is executing (*job\_name*), and the system on which it is executing (*system\_name*) are all included in the text of the message.

System Action: Processing continues

User Response: No response is required.

**PWXEDM172545W    *Logger `logger_id` resume failed from `xcf_member_name` (jobname `job_name` on system `system_name`), return code=`return_code`, reason code=`reason_code`***

Explanation: This message is issued when the PowerExchange Logger has received a response to a resume request but the return code and reason code indicate that the resume request could not be honored. The resume request (RESUMEL command) was sent by the PowerExchange Logger to the Post-Log Merge task because there are ECCRs that have asked to connect to the PowerExchange Logger but it was quiesced at that time.

The message text contains the following variables:

- *logger\_id* is the name of the PowerExchange Logger.
- *xcf\_member\_name* is the name of the Post-Log Merge task.
- *job\_name* is the job name under which the Post-Log Merge task is executing.
- *system\_name* is the system on which the job is executing.
- *return\_code* is the value of the return code.
- *reason\_code* is the reason code that the PowerExchange Logger found in the RESUMEL response message.

User Response: No response is required.

**PWXEDM172546W Invalid *xcf\_command* response received by Logger *logger\_id* from *xcf\_member\_name* (jobname *job\_name* on system *system\_name*) - *reason\_text***

**Explanation:** This message is issued when the PowerExchange Logger has received a QUIESCL or RESUMEL message but there is an error in the message or in the state of the PowerExchange Logger at that time. As a result, the PowerExchange Logger was unable to properly process the message.

The XCF command (either QUIESCL or RESUMEL), the name of the PowerExchange Logger (*logger\_id*), the name of the process that sent the message (*xcf\_member\_name*), the job name under which the sender is executing (*job\_name*), and the system on which it is executing (*system\_name*) are all included in the text of the message.

The *reason\_text* is one of the following values:

- Command received was not reply
- Sender not Post-Log Merge task
- Logger not currently quiesced

**System Action:** Processing continues.

If the message was for a RESUMEL command and the PowerExchange Logger is currently quiesced, it will remain in that state. This, in turn, would mean that one or more ECCRs might be unable to complete their connection to the PowerExchange Logger.

**User Response:** Investigate the reason for the error in processing the message by the PowerExchange Logger. You may need to refer to messages that may have been issued by the corresponding Post-Log Merge task for further information on what happened to cause the error in the quiesce or resume request. If the PowerExchange Logger is currently quiesced, and does not leave that state due to the problem described in this message, it may be necessary to recycle either the Post-Log Merge task or the PowerExchange Logger. If you cannot identify and correct the problem, contact Informatica Global Customer Support.

**PWXEDM172547I Post-Log Merge task *xcf\_member\_name* (jobname *job\_name* on system *system\_name*) [is now active | has left the system]**

**Explanation:** This message is issued when the PowerExchange Logger detects a status change in the Post-Log Merge task that is supposed to merge the data the PowerExchange Logger is recording. The Post-Log Merge task has:

Joined the XCF group (and has processed and responded to the signon request of the PowerExchange Logger) as a result of either the Post-Log Merge task or the PowerExchange Logger initializing

Left the XCF group and so has stopped merging data from the PowerExchange Logger

The logical name of the Post-Log Merge task (*xcf\_member\_name*), the actual job name of the Post-Log Merge task (*job\_name*) and the system where the Post-Log Merge task is/was executing (*system\_name*) are all included in the text of the message. The message also identifies whether the Post-Log Merge task has become active or has left the system.

**System Action:** Processing continues. However, if the PowerExchange Logger is currently quiesced, and the Post-Log Merge task has left the XCF group, the quiesce status of the PowerExchange Logger is automatically lifted.

**User Response:** No response is required.



**PWXEDM172548W Invalid signon command received by Logger *logger\_id* from *xcf\_member\_name* (jobname *job\_name*) - *reason\_text***

**Explanation:** This message is issued when the PowerExchange Logger has received a SIGNON command but there is an error in the command. As a result, the PowerExchange Logger was unable to properly process the SIGNON command.

The name of the PowerExchange Logger (*logger\_id*), the name of the process that sent the command (*xcf\_member\_name*) and the job name under which the sender is executing (*job\_name*) are all included in the text of the message.

The message text also includes a description of what problem the PowerExchange Logger found in the SIGNON message. The *reason\_text* is one of the following values:

- Command received was not request
- Command received was not reply
- Sender not Post-Log Merge task

**System Action:** Processing continues. However, if the PowerExchange Logger is waiting for confirmation of a successful signon to the Post-Log Merge task, the PowerExchange Logger might be unable to complete its initialization process.

**User Response:** Investigate the reason for the error in processing the SIGNON message by the PowerExchange Logger. You may need to refer to messages that may have been issued by the corresponding Post-Log Merge task for further information on what happened to cause the error in the signon request. If the PowerExchange Logger is currently initializing, and does not complete that process due to the problem described in this message, it may be necessary to recycle either the Post-Log Merge task or the PowerExchange Logger. If you cannot identify and correct the problem, contact Informatica Global Customer Support.

**PWXEDM172549W Logger *logger\_id* signon failed to *xcf\_member\_name* (jobname *job\_name* on system *system\_name*), return code=*return\_code*, reason code=*reason\_code***

**Explanation:** This message is issued when the PowerExchange Logger has received a response to a signon request but the return code and reason code indicate that the signon request could not be honored. The signon request was sent by the PowerExchange Logger to the Post-Log Merge task because the PowerExchange Logger either found the Post-Log Merge task active during its own initialization or discovered that the Post-Log Merge task had just entered the system (joined the XCF group).

The name of the PowerExchange Logger (*logger\_id*), the name of the Post-Log Merge task (*xcf\_member\_name*), the job name under which the Post-Log Merge task is executing (*job\_name*), and the system on which it is executing (*system\_name*) are all included in the text of the message.

The message text also includes the value of the return code and reason code that the PowerExchange Logger found. The message text also includes the value of the return code (*return\_code*) and reason code (*reason\_code*) that the PowerExchange Logger found in the SIGNON response message.

**System Action:** Processing continues. However, if the PowerExchange Logger is waiting for confirmation of a successful signon to the Post-Log Merge task, the PowerExchange Logger might be unable to complete its initialization process.

User Response: Investigate the reason for the error in processing the SIGNON message by the PowerExchange Logger. You may need to refer to messages that may have been issued by the corresponding Post-Log Merge task for further information on what happened to cause the error in the signon request. If the PowerExchange Logger is currently initializing, and does not complete that process due to the problem described in this message, it may be necessary to recycle either the Post-Log Merge task or the PowerExchange Logger. If you cannot identify and correct the problem, contact Informatica Global Customer Support.

**PWXEDM172550I *number\_of\_eccrs* Active ECCRs. Logger is currently {quiesced|not quiesced}**

Explanation: This message is issued in response to a PowerExchange Logger for MVS DISPLAY command for writer connections. It shows the number of active ECCRs that are currently connected to the PowerExchange Logger. Type 1 ECCRs that are not currently connected to the PowerExchange Logger are not counted even though they are included in the Writer Connection report.

The message text also shows whether the PowerExchange Logger is quiesced. The PowerExchange Logger can be quiesced only if it is part of a Post-Log Merge group. In a Post-Log Merge environment, the PowerExchange Logger informs the Post-Log Merge task when no active ECCRs exist. This notification makes the merging of data from all of the PowerExchange Loggers by the Post-Log Merge task faster.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172551E *Logger oper\_name operation for queue queue\_name failed for UOW uow\_id with return code=return\_code, reason code=reason\_code***

Explanation: This message is issued when the PowerExchange Logger has attempted an operation on an internal queue and the return code from the operation indicated that the operation was not successful.

The PowerExchange Logger was processing a UOW record when the error occurred. The type of operation that was attempted (*oper\_name*), the name of the internal queue (*queue\_name*), the UOW id assigned to the UOW by the PowerExchange Logger (*uow\_id*), the return code (*return\_code*), and the reason code (*reason\_code*) from the failed operation are all included in the text of the message. The return and reason codes for this message, which are generated in EDMQMGR0, are not currently documented.

The value of *oper\_name* is one of the following values:

- Add (Phase1)
- Add (Phase2)
- Delete (UOW)

The value of *queue\_name* is one of the following parameters:

- GBLXCFQCB
- GBLOUQQCB

System Action: The PowerExchange Logger ends abnormally.

User Response: Investigate the reason for the failure in the queue operation, using appropriate operating system documentation, along with any other messages that may have been issued in conjunction with this problem. If you cannot correct the problem, contact Informatica Global Customer Support.

**PWXEDM172552I    *Logger **logger\_id** is now quiesced - Post-Log Merge task **xcf\_member\_name** (jobname **job\_name** on system **system\_name**) notified***

Explanation:        This message is issued when the PowerExchange Logger has entered the quiesce state. This state occurs when there are no ECCRs connected to it and this has been true for the duration of the interval specified by TIME\_CHKPT\_FREQ in the PowerExchange Logger options (EDMUPARM).

This will only occur for PowerExchange Loggers that are part of a Post-Log Merge environment. The corresponding Post-Log Merge task has been notified, which allows it to operate more efficiently because it does not have to worry about merging data from any PowerExchange Loggers that are quiesced.

The name of the PowerExchange Logger (*logger\_id*), the name of the Post-Log Merge task (*xcf\_member\_name*), the job name under which the Post-Log Merge task is executing (*job\_name*), and the system on which it is executing (*system\_name*) are all included in the text of the message.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172553E    *Logger **logger\_id** attempt to [quiesce | resume] failed with return code=**return\_code**, reason code=**reason\_code*****

Explanation:        This message is issued when the PowerExchange Logger has attempted to send a command to the Post-Log Merge task, but the PUT operation to XCF failed. The command will have been either a quiesce (QUIESCL command) or a resume (RESUMEL) command.

The name of the PowerExchange Logger (*logger\_id*), the specific command that was being attempted, and the return code (*return\_code*) and reason code (*reason\_code*) that resulted, are all included in the text of the message. The return and reason codes for this message, which are generated in EDMXXCF, are not currently documented.

System Action:      Processing continues.

If the command being sent was a quiesce, the PowerExchange Logger is not quiesced. This in turn means that the Post-Log Merge task will have to continue to merge data from this PowerExchange Logger, even though there may not be any new user data being logged.

If the command was a resume, the PowerExchange Logger will not leave the quiesced state. This which means that ECCRs that try to connect to the PowerExchange Logger is delayed (will not get a response to a signon request) until the problem is resolved.

User Response:      Investigate the reason for the failure in the PUT operation, using appropriate operating system documentation, along with any other messages that may have been issued in conjunction with this problem. You may need to refer to messages that may have been issued by the corresponding Post-Log Merge task for further information on what happened to cause the error in sending the command. To resolve the problem, it may be necessary to recycle either the Post-Log Merge task or the PowerExchange Logger. If you cannot correct the problem, contact Informatica Global Customer Support.

**PWXEDM172554E    Logger *logger\_id* attempting to write to active log *dataset\_name* at RBA *rba*, but is quiesced**

Explanation:        This message is issued when the PowerExchange Logger has attempted to log some data but the Physical Logger has determined that the PowerExchange Logger is quiesced. When a PowerExchange Logger is quiesced, it must not write any new data to the current active log data set because the Post-Log Merge task will not retrieve it.

The name of the PowerExchange Logger that encountered this problem (*logger\_id*), the name of the active log data set it was attempting to write to (*dataset\_name*), and the RBA location that was to be written (*rba*) are all included in the text of the message.

System Action:     The PowerExchange Logger ends abnormally.

User Response:     This situation indicates that a logic error has occurred in the processing of a PowerExchange Logger that is quiesced. PowerExchange Loggers only become quiesced in a Post-Log Merge environment. You need to gather the output from the PowerExchange Logger and its corresponding PowerExchange Agent, and report the problem to Informatica Global Customer Support.

**PWXEDM172555E    Logger current timestamp=*cur\_timestamp* is less than requested timestamp=*req\_timestamp*.**

Explanation:        This message is issued when the PowerExchange Logger receives a request to send data to a log reader but the starting location that is requested, *req\_timestamp*, is later than the location at which the PowerExchange Logger is currently recording, *cur\_timestamp*. The data requested does not exist yet. This message is only issued when the PowerExchange Logger is operating in a Post-Log Merge environment. The timestamps displayed are TOD clock values.

System Action:     The PowerExchange Logger continues normally. However, the request to read log data is terminated. This will most likely result in the abnormal termination of the process that requested the data.

User Response:     The process that requested the log data has used an invalid location at which to start reading. This is most likely the result of using incorrect or obsolete restart information when starting that process. Determine what was the origin of the invalid starting location and correct it so that log reading can start at a valid location. To resolve the problem, you might need to cold start the process that is requesting the data to be read from the PowerExchange Logger. If you cannot correct the problem, contact Informatica Global Customer Support.

**PWXEDM172557E    Logger *command\_name* command failed for *logger\_dataset*, *failure\_reason***

Explanation:        The PowerExchange Logger was processing a command for an active or archive log data set, when it determined that the command could not be processed. The command being processed, the data set name upon which the command was operating, and a description of the problem encountered, are all included in the text of the message.

Where:

- *command\_name*=DELETE\_LOG
- *failure\_reason* is one of the following values:
  - data set not found in any restart data set
  - deletion of current active log not permitted

- deletion of active log not needing archival not permitted

For example:

```
Logger DELETE_LOG command failed,  
for EDMUSR1.EDMTEST.DBML.SECLOG.DS94,  
dataset not found in any restart dataset
```

-or-

```
Logger DELETE_LOG command failed,  
for EDMUSR1.EDMTEST.DBML.SECLOG.DS04,  
deletion of current active log not permitted
```

-or-

```
Logger DELETE_LOG command failed,  
for EDMUSR1.EDMTEST.DBML.PRIOLOG.DS04,  
deletion of active log needing archival not permitted
```

System Action: The command processing ends.

PowerExchange Logger processing continues normally.

User Response: Examine the description of the problem that was encountered, and see if there was an error in the command that was issued, which could be corrected. For example, if you are trying to delete an archive log data set (using the DELETE\_LOG command) but you have entered the data set name incorrectly, reenter the command with the correct data set name. If you cannot correct the problem, contact Informatica Global Customer Support.

**PWXEDM172571I EDM Logger immediate command received: *command***

Explanation: In response to the outstanding write-to-operator-with-reply (WTOR) command, the operator entered the immediate command, specified by *command*.

System Action: The command executes immediately.

User Response: No response is required.

**PWXEDM172572I EDM Logger input commands accepted, execution started**

Explanation: The PowerExchange Logger read the command set from the SYSIN file for a batch job. No syntax errors were found.

System Action: The system executes the command set.

User Response: No response is required.

**PWXEDM172573W EDM Logger command execution aborted due to syntax errors**

Explanation: The batch job command set, which was read from the SYSIN file, contains syntax errors.

System Action: The system does not execute the command set.

User Response: Determine the cause of the syntax errors, and enter a valid command set. To help you determine the cause of the errors, a more specific message precedes this message.

**PWXEDM172574W EDM Logger command set and or input block flushed, with return code 08**

Explanation: A command was entered incorrectly in a command set.

System Action: The system does not execute the command set.

User Response: Determine the cause of the command error, and enter a valid command set. To help you determine the cause of the errors, a more specific message precedes this message.

<b>PWXEDM172575E</b>	<b>EDM Logger <i>command</i> command for userid (task sequence_number) abended with <i>abend_code</i></b>
Explanation:	The specified PowerExchange Logger command for the specified user ID terminated abnormally with the abend code shown. The internal PowerExchange Logger assigned task sequence number is provided for trouble shooting.
System Action:	The subtask ends.
User Response:	Collect all available information about the cause of the abend, including the contents of this message, and contact Informatica Global Customer Support.
<b>PWXEDM172576I</b>	<b>EDM Logger <i>command</i> command complete for userid (task task_sequence_number), with Return Code=<i>rc</i></b>
Explanation:	The specified PowerExchange Logger command set for the specified task completed with the return code <i>rc</i> .
System Action:	The subtask completes normally.
User Response:	Use the return code and the associated command message output to determine whether the command completed.
<b>PWXEDM172577I</b>	<b>EDM Logger <i>command</i> command in progress for userid (task task_sequence_number)</b>
Explanation:	A PowerExchange Logger started an action subtask for the specified command.
System Action:	The subtask continues to run.
User Response:	Wait for the command to complete.
<b>PWXEDM172578I</b>	<b><i>number_of_records</i> Change records logged, comprising <i>number_of_UOWs</i> UOWs. Current_RBA=<i>rba</i>, Current time=<i>timestamp</i></b>
Explanation:	This message reports the number of records and UOWs captured during the current execution of the PowerExchange Logger for MVS. It also reports the current relative byte address (RBA) and current time in TOD clock format, which is useful information in Post-Log Merge environments.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWXEDM172579I</b>	<b><i>log_reader_name</i> starting_sequence_number <i>hh:mm:ss.thyyyy/</i> <i>dddsysplex_namefunction_name</i></b>
Explanation:	This message is issued as a result of issuing the Display command for the Post-Log Merge task. It lists each of the log readers that are currently connected to the Post-Log Merge task, along with some information about the data requested by the log reader.  This message contains: <ul style="list-style-type: none"> <li>• The name of one log reader (<i>log_reader_name</i>)</li> <li>• The sequence number at which that log reader started reading (<i>starting_sequence_number</i>)</li> <li>• The date and time that are equivalent to that starting sequence number (<i>hh:mm:ss.thyyyy/ddd</i>)</li> </ul>

- The name of the sysplex in which the log reader is executing (*zsysplex\_name*).

If the log reader is in the process of shutting down, the *function\_name* variable will contain a value of STOP.

If there are currently no log readers connected to the Post-Log Merge task, the *log\_reader\_jobname* will show as NO-JOBS and none of the other information is shown.

This message is issued once for each log reader that is connected. It is followed by multiple PWXEDM172580I messages, one for each PowerExchange Logger from which data is being merged for this log reader. The PWXEDM172579I messages are preceded by one title line to identify each of the fields that are contained in the message.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172580I** *logger\_jobname smf\_id current\_sequence\_number hh:mm:ss.thyyyy/*  
*dddrbaflaglog\_dataset\_name*

Explanation: This message is issued as a result of issuing the Display command for the Post-Log Merge task. It follows message DTLEMD172579I for each specific log reader. It lists each PowerExchange Logger from which data is being merged for that log reader along with status information about the data being merged from that PowerExchange Logger.

The message contains:

- The job name (*logger\_jobname*) for the PowerExchange Logger
- The system name (*smf\_id*) of the system on which the PowerExchange Logger is executing
- The sequence number of the data that is currently being read from that PowerExchange Logger (*current\_sequence\_number*)
- The date and time that are equivalent to that current sequence number (*hh:mm:ss.thyyyy/ddd*)
- The RBA in that PowerExchange Logger's log data that contains that sequence number (*rba*)
- Coded information about the merge status (*flag*)
- The data set name of the log data set from which data is currently being merged from that PowerExchange Logger (*log\_dataset\_name*).

This message is issued once for each PowerExchange Logger from which data is being merged for the log reader. The DTLEMD172580I messages are preceded by one title line to identify each of the fields that are contained in the message.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172581W** **No changes were made to *loggerid* logger options – no keywords were found**

Explanation: You entered a request to update existing options for the specified PowerExchange Logger. However, PowerExchange Change found no keywords to make those changes.

System Action: Processing continues.

User Response: Enter the correct keywords, and run the job again.

**PWXEDM172582I EDM Logger *loggerid* has been deleted**

Explanation: The request to delete the specified PowerExchange Logger completed.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172585I EDM Logger successfully built logger master control block *cb\_name***

Explanation: The PowerExchange Logger completed building the PowerExchange Logger internal master control block with the name *cb\_name*.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172586I EDM Logger was unable to [connect to | disconnect from] a manager. Return code=*rc*, reason code=*reason***

Explanation: The PowerExchange Logger could not connect to or disconnect from a media manager.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172587E EDM Logger aborted, //EDMPARMS DD statement is missing**

Explanation: An EDMPARMS DD statement was not found in the job step.

System Action: The PowerExchange Logger address space ends abnormally.

User Response: Include a valid EDMPARMS DD statement in the job step, and run the job again.

**PWXEDM172588E EDM Logger aborted, EDMZPARM module could not be loaded**

Explanation: An error occurred when the PowerExchange Logger attempted to open the EDMPARMS DD statement, load the member EDMUOPT0 from that library, or load the default options member EDMCOPT0 from the STEPLIB.

System Action: The PowerExchange Logger address space ends abnormally.

User Response: Include a valid EDMPARMS DD statement in the job step, and restart the PowerExchange Logger.

**PWXEDM172589E EDM Logger aborted, //EDMPARMS DD statement is invalid**

Explanation: The EDMPARMS DD statement must point to a single load library. This message indicates that the DD statement was concatenated or that the data set specified in the DD statement was not a load library. The data set must be DSORG=PO and RECFM=U.

System Action: The PowerExchange Logger address space terminated abnormally.

User Response: Include a valid EDMPARMS DD statement with a valid load library name in the job step, and restart the PowerExchange Logger.



**PWXEDM172590W {Log reader|Change capture|Unknown} agent *xcf\_member\_name* disconnected from Logger *logger\_id*, return code=*return\_code*, reason code=*reason\_code***

**Explanation:** This message is issued when an agent attempts to connect to the PowerExchange Logger but some type of error occurs while trying to process the connection. The PowerExchange Agent may either be a change capture agent (an ECCR) which supplies data to be logged or a log reader agent which receives data that has been logged.

The message text includes the type of the PowerExchange Agent, the name of the PowerExchange Agent (*xcf\_member\_name*), the name of the PowerExchange Logger (*logger\_id*), as well as a return code (*return\_code*) and reason code (*reason\_code*) that identifies the problem that was encountered.

**System Action:** The connection request is refused. The PowerExchange Agent that requested the connection is sent a negative response to its Signon request. This will typically result in a failure in the process that attempted to connect to the PowerExchange Logger.

**User Response:** Investigate the reason for the failure in the Signon, using any other messages that may have been issued, along with appropriate operating system documentation, if necessary. It may be necessary to restart the log reader or change capture agent, if it failed as a result of the connection refusal. If you cannot correct the problem, contact Informatica Global Customer Support.

**PWXEDM172591I EDM Logger data transfer for *client* will start at *Logrba=logrba***

**Explanation:** The PowerExchange Logger received a request from the specified log reader (*client*) to begin transferring data to either begin or end transferring data at the specified *logrba*. The first case (start) of the message will always be issued when a log reader connects to the PowerExchange Logger. The second case (end) only occurs if the log reader has specified a log location at which it wishes to stop receiving data.

**System Action:** Processing continues.

**User Response:** No response is required.

**PWXEDM172592I EDM Logger data transfer for *client* ended. *num\_read* records enqueued, *num\_filter* records filtered out**

**Explanation:** The PowerExchange Logger completed the data transfer for the specified client. The number of change records that the PowerExchange Logger passes to the log reader is indicated by the variable *num\_read*. The PowerExchange Logger filters change records based on the list of EDMNAMEs passed by the log reader and only passes the log reader change records for those sources. The variable *num\_filter* indicates the number of change records that the PowerExchange Logger read but did not pass to the log reader. If the log reader does not provide a resource interest list, the PowerExchange Logger does not filter change records and the value for *num\_filter* is zero.

The PowerExchange Logger also writes message PWXEDM172791I to its EDMMSG data set, which includes the number of sources in the resource interest list. To determine the EDMNAMEs that the log reader included in the resource interest list, see the PWXEDM263025I messages in the EDMMSG data set of the log reader address space.

**System Action:** Processing continues.

**User Response:** No response is required.

<b>PWXEDM172593I</b>	<b>EDM Logger restart process in progress using checkpoint at Logrba=<i>logrba</i></b>
Explanation:	The PowerExchange Logger has determined the checkpoint to use during restart. The PowerExchange Logger will start searching for the checkpoint in the log data set containing the checkpoint at <i>logrba</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172594I</b>	<b>EDM Logger will commence log forward restart processing at Logrba=<i>logrba</i></b>
Explanation:	The PowerExchange Logger completed searching the restart checkpoint in the current active log and will start forward processing from the specified <i>logrba</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172595I</b>	<b>EDM Logger will commence recording at Logrba=<i>logrba</i></b>
Explanation:	The PowerExchange Logger completed forward processing of the current active log and begins recording at the specified <i>logrba</i> .
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172596W</b>	<b>EDM Logger waiting for {reader ECCR} Task (<i>job_name</i>)</b>
Explanation:	When you issue an MVS P or STOP command with the QUIESCE option, the PowerExchange Logger lists the reader tasks and ECCRs that must complete before the PowerExchange Logger begins shutdown.
System Action:	The PowerExchange Logger stops processing the current command set.
User Response:	No response is required.
<b>PWXEDM172597I</b>	<b>EDP Log Reader {initialized ended} for <i>rdr_id</i> at <i>datetime</i>, return code=<i>rc</i>, reason code=<i>reason</i></b>
Explanation:	The PowerExchange Logger initiated/ended the Log Reader, <i>rdr_id</i> , on the date and time displayed in the message.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172599W</b>	<b>DELETE=YES was specified for <i>loggerid</i> logger options which do not exist – request ignored</b>
Explanation:	A request was made to delete the specified options. However, the PowerExchange Logger could not find the options in the EDMZPARM module.
System Action:	The PowerExchange Logger ignores the request and ends the function.
User Response:	Enter the request with a valid PowerExchange Logger ID.
<b>PWXEDM172602E</b>	<b>EDM Logger internal GENCB for VSAM_<i>control_block</i> failed with Return Code = <i>rc</i>, and reason code <i>reason</i> for ddname <i>ddname</i></b>
Explanation:	VSAM GENCB operation failed and returned a return code in R15 and a reason code in R0. The value of the VSAM_ <i>control_block</i> is either RPL or ACB. The variable <i>rc</i> represents the return code and <i>reason</i> represents the reason code.

System Action: If the VSAM operation is against the JOURNAL or TRACE file, the PowerExchange Logger suspends VSAM file processing. If the operation is for a DEFINE\_LOG command, the PowerExchange Logger ends the command. Otherwise, the PowerExchange Logger ends.

User Response: Check and correct the VSAM file definitions, and run the job again.

**PWXEDM172603E EDM Logger internal VSAM macro failed with Return Code = *rc*, and feedback code *code* for ddname *ddname***

Explanation: A VSAM macro operation failed. SHOWCB captured the return code and feedback code.

System Action: If the VSAM operation is against the JOURNAL or TRACE file, the PowerExchange Logger suspends VSAM file processing. If the operation is for a DEFINE\_LOG command, the PowerExchange Logger ends the command. Otherwise, the PowerExchange Logger ends.

User Response: Check the appropriate VSAM manual for an explanation of the return code and feedback code to determine the cause of the error. Correct the problem, and run the job again.

**PWXEDM172604E UNALLOCATION FAILED, EC = *error\_code***

Explanation: Dynamic deallocation failed during an SVC 99 operation.

System Action: The PowerExchange Logger ends.

User Response: Collect all available information about the cause of the dynamic deallocation failure, and contact Informatica Global Customer Support.

**PWXEDM172605E IDCAMS PASSED Return Code = *rc***

Explanation: The return code from IDCAMS is not zero. Either the DEFINE or DELETE CLUSTER operation failed.

System Action: If the IDCAMS operation is against the JOURNAL file, the PowerExchange Logger suspends JOURNAL file processing. Otherwise, the PowerExchange Logger ends.

User Response: For information about the return code, see the appropriate IDCAMS manual. Determine the cause of the error, correct the problem, and run the job again.

**PWXEDM172606E EDM Logger internal MODCB for {ACB|RPL} failed with RC= *rc*, and reason code *reason* for ddname *ddname***

Explanation: VSAM MODCB operation failed and returned a return code in R15, shown in *rc*, and a reason code in R0, shown in *reason*.

System Action: If the VSAM operation is against the JOURNAL or TRACE file, the PowerExchange Logger suspends VSAM file processing. If the operation is for a DEFINE\_LOG command, the PowerExchange Logger ends the command. Otherwise, the PowerExchange Logger ends.

User Response: Check and correct the VSAM file definitions, and run the job again.

**PWXEDM172608W DELETE=YES was specified for *default\_options\_module* logger options – default options cannot be deleted**

Explanation: The DEFINE command internal code attempted to delete the default options module. This operation is not allowed. This message is displayed if you entered the default PowerExchange Logger title '#####', which is a PowerExchange Logger reserved word.

System Action: The PowerExchange Logger does not let you delete the default options for this PowerExchange Logger. The system ignores the deletion attempt and displays this message.

User Response: Enter the correct PowerExchange Logger ID in the DEFINE command, and issue the command again.

**PWXEDM172610E {UNALLOCATE|ALLOCATE} FAILED FOR {ACTIVE COPY|ARCHIVE COPY} DSN = *dsname* RC = *return\_code*, EC = *error\_code***

Explanation: Dynamic allocation failed {UNALLOCATE|ALLOCATE} for the specified data set. This message is issued in one of two formats. Error (E) or Warning (W) levels.

System Action: If this is an "E" level message, the command ends. If this is a "W" level message, the command will continue. Warning level messages are issued for optional data sets, such as spill files. Error level messages are issued for failures related to required data sets.

User Response: Correct the cause of the allocation failure and reenter the command.

**PWXEDM172611W *n* COMMAND SET(S) FLUSHED DUE TO ERROR**

Explanation: A command set terminated abnormally with a return code of 8 or higher. The PowerExchange Logger flushes all command sets queued for execution for the same user. The number of command sets flushed are shown in *n*.

System Action: The PowerExchange Logger flushes all command sets already queued for the user without executing them.

User Response: Correct the problem that caused the error, and run the job again.

**PWXEDM172613E Command *command* is not allowed; EDM Logger feature is not installed**

Explanation: This command is not valid for the Informatica Corporation PowerExchange Logger product you have installed on your system.

System Action: The command set is not executed, and all following command sets are flushed.

User Response: See the appropriate Informatica Corporation documentation for the correct command, and issue that command. Otherwise, contact the Informatica Corporation sales organization to purchase the additional features required to use this command.

**PWXEDM172614E I/O Error, DSN=*dsname***

Explanation: An I/O error occurred during the processing of the specified data set. The message that follows this message provides the SYNAD exit routine error information.

System Action: The PowerExchange Logger ends the command set.

User Response: Use the information in the message that follows this one to determine the cause of the I/O error, correct the problem, and resubmit the request.

**PWXEDM172615E I/O ERROR SYNAD DATA: *error\_data***

Explanation: An I/O error occurred during processing. This message provides additional information about the SYNAD exit routine error. The PowerExchange Logger ends the command set.

User Response: Use the SYNAD exit routine error information to determine the cause of the error. Correct the problem, and submit the request again.

**PWXEDM172616E action failed for DSN=*dsname***

Explanation: A request to perform an action on the data set specified by *dsname* failed. The possible actions include OPEN or CLOSE the data set or the RDJFCB, which is a macro that reads the data set job file control block. The PowerExchange Logger subtask abends, and the PowerExchange Logger ends the command set.

User Response: To determine the cause of the abend, check the PowerExchange Logger job log for system messages that can provide additional information. Correct the problem, and submit the request again.

**PWXEDM172617E {OPEN|CLOSE} ABEND *abend\_code* FOR DSN=*dsname***

Explanation: A request to OPEN or CLOSE the data set specified by *dsname* ended abnormally with the specified abend code. The PowerExchange Logger subtask abends, and the PowerExchange Logger ends the command set.

User Response: To determine the cause of the abend, look in the PowerExchange Logger job log for system messages that can provide additional information about the abend. Correct the problem, and submit the request again.

**PWXEDM172618E EDM Logger Task (*task\_name*) terminated prematurely interrupt code=*interrupt\_code***

Explanation: The task listed had abended prematurely from execution. The code displayed is the termination ECB of the task. The system will attempt shutdown after this error.

User Response: Restart the PowerExchange Logger and contact Informatica Global Customer Support.

**PWXEDM172619W EDM Logger has adjusted your primary and secondary archive allocation by 25.**

Explanation: An abend SB37 has occurred during the archive log process. The PowerExchange Logger is adjusting the allocation by 25. Update your parameters with an appropriate archive value. The archive is driven with the higher values.

User Response: Update your archive options with a higher value for archiving.

**PWXEDM172620E Open/Write error attempting to post function to the *globalq* Rc=*returncode* Rsn=*reasoncode***

Explanation: An error has occurred while attempting to post a function to the global queue for the edmlllg0 module. The PowerExchange Logger abends.

User Response: Restart the PowerExchange Logger and contact Informatica Global Customer Support.

**PWXEDM172621E USER:*userid* NOT AUTHORIZED TO USE FUNCTION:*function***

Explanation: The functional security module detected that the specified user is not authorized to use the requested function. (The text of this message may be changed by your system administrator at installation time by using the installation security exit.) The PowerExchange Logger ends the function.

User Response: Contact your system administrator to get authorization to use this function.

**PWXEDM172622E EDM Logger *loggerid* not found.**

Explanation: The DEFINE function failed to find the PowerExchange Logger specified by *loggerid* in the options module. The DEFINE function skips this PowerExchange Logger and continues processing.

User Response: Edit your options module to include a valid PowerExchange Logger ID, and run the job again.

**PWXEDM172623W EDM Logger was unable to allocate TRACE data set, tracing suspended**

Explanation: An attempt by the PowerExchange Logger to allocate the trace data set failed. Processing continues without the trace facility.

User Response:	Check for specific allocation error messages preceding this message, and correct the allocation problem. If necessary, change the journal data set name in the PowerExchange Logger DEFINE command options.
<b>PWXEDM172624W</b>	<b>EDM Logger parms module EDMUPARMS not found in EDMPARMS library, default EDMZPARM will be used</b>
Explanation:	The parameter options module was not found in the EDMPARMS library. The default module is loaded into memory. The system loads the default module, EDMZPARM.
User Response:	Check the EDMPARMS library for the EDMUPARM member. For more information on creating EDMUPARM, see the PowerExchange Installation Guide for MVS Components.
<b>PWXEDM172625W</b>	<b>EDM Logger trace I/O error, tracing facility temporarily suspended</b>
Explanation:	An attempt by the PowerExchange Logger to READ or WRITE the trace data set failed. Processing continues without the trace facility.
User Response:	Check for specific allocation error messages preceding this message, and correct the allocation problem. If necessary, change the journal data set name in the PowerExchange Logger DEFINE command options.
<b>PWXEDM172626I</b>	<b>EDM Logger {Internal External} trace status is {*ACTIVE* *INACTIVE*}, loggerid</b>
Explanation:	This message specifies whether the trace type is internal or external and whether the trace status is active or inactive for the specified PowerExchange Logger.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172627E</b>	<b>EDM Logger DEFINE_LOG aborted; required <i>statement_name</i> DD statement missing</b>
Explanation:	The DEFINE_LOG function failed to locate a required DD statement in the JCL. The name of the DD statement is specified by <i>statement_name</i> . The DEFINE_LOG function ends.
User Response:	Add a valid DD statement to your JCL, and run the job again.
<b>PWXEDM172628E</b>	<b>EDM Logger DEFINE_LOG aborted; invalid condition <i>ddname</i> data set</b>
Explanation:	The DEFINE_LOG function failed due to an invalid condition detected in the restart data set in the JCL. The conditions are DUMMY, TEMP, or SYSIN/SYSPUT and <i>ddname</i> is the ddname of the restart data set that has the error. The DEFINE_LOG function ends.
User Response:	Verify that you have valid ERDS01/ERDS02 data sets in your JCL for this job, and run the job again.
<b>PWXEDM172629E</b>	<b>EDM Logger internal macro failed for <i>ddname</i> data set</b>
Explanation:	The DEFINE_LOG function failed due to an invalid return code received from the internal macro for the data set specified by <i>ddname</i> . The DEFINE_LOG function ends.
User Response:	Verify that you have valid ERDS01/ERDS02 data sets in your JCL for this job, and run the job again.
<b>PWXEDM172630E</b>	<b>EDM Logger ERDS active log data set record is full, DDNAME=<i>ddname</i></b>
Explanation:	The active log data set is full, and you cannot insert additional entries. The variable <i>ddname</i> specifies the DD name of the full restart data set (ERDS). The PowerExchange Logger aborts the DEFINE_LOG command with a return code of 8.

User Response: Use the VSAM IDCAMS REPRO command to dump the restart data set. Determine the current status of the restart data set, correct the problem, and run the job again.

**PWXEDM172631E Specified DSNAME already exists in ERDS, DDNAME=*ddname***

Explanation: You entered a DEFINE\_LOG command with a data set name that already exists in the restart data set (ERDS). An entry is made in a restart data set (ERDS) if the specified data set name currently exists in either the active or archive record of that restart data set. The variable *ddname* specifies the DD name of the specified restart data set. The DEFINE\_LOG command ends.

User Response: Either correct the data set name in the control statement and run the command again, or delete the existing data set name from the restart data set and run the job again.

**PWXEDM172632E EDM Logger restart data set with *ddname* ERDS01 is empty**

Explanation: The PowerExchange Logger requires at least one restart data set to operate. The data set allocated to ERDS01 is empty. This operation abends.

User Response: Verify that you have at least one valid PowerExchange Logger restart data set in the JCL, and run the job again.

**PWXEDM172633E EDM Logger restart data set with *ddname* ERDS02 is empty**

Explanation: The PowerExchange Logger requires at least one restart data set to operate. The data set allocated to ERDS02 is empty. Processing continues with only one restart data set.

User Response: Check the PowerExchange Logger restart data sets in the JCL to verify that the correct second data set was specified and that it exists.

**PWXEDM172634W EDM Logger *dsname* timestamp mismatch detected. Processing continues.**

Explanation: The PowerExchange Logger detected a time stamp mismatch between the two restart data sets specified for the dual mode. Processing continues with only one restart data set.

User Response: Check the PowerExchange Logger restart data sets in the JCL to verify that the correct second data set was specified and that it exists. Also, verify that the two restart data sets have the same time stamp.

**PWXEDM172635E EDM Logger internal logic error building *control\_block* for ERDS**

Explanation: The PowerExchange Logger was unable to build the specified internal log control block for the specified restart data set (ERDS). The task ends abnormally with a user abend code of U3035 and a reason code of X'FFFF00xx'.

User Response: Get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172636E EDM Logger could not find *logrba=eol\_rba* in any log data set. Highest *logrba* found is *hi\_rba***

Explanation: The log manager attempted to find the end-of-log RBA (*eol\_rba*), which is the log record that has been recorded in the PowerExchange Logger restart data set as the highest RBA written. This RBA cannot be found in any log data set. The variable *hi\_rba* indicates the highest RBA that could be found in any data set. The task ends abnormally with a user abend code of U3035.

User Response: The most likely cause is that the log data set containing the requested RBA was deleted from the restart data set by the DELETE\_LOG command. If the data set has not been reused, run the DEFINE\_LOG command to add this data set back into the restart data set. Restart the PowerExchange Logger.

**PWXEDM172637E EDM Logger Restart Log Manager unable to initialize EDML restart data set *ddname***

Explanation: The PowerExchange Logger was unable to initialize the restart data set allocated to the specified *ddname*. The task ends abnormally with the user abend code of U3035 and reason code X'FFFF00xx'.

User Response: Verify that you specified the correct PowerExchange Logger restart data sets in the JCL. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172638I EDM Logger system timestamp for ERDS = *timestamp***

Explanation: The PowerExchange Logger displays the system time stamp from the restart data set (ERDS). The tasks that are running continue.

User Response: No response is required.

**PWXEDM172639I EDM Logger *logger\_task\_name* DSName=*data\_set\_name*, StartRBA=*start\_rba*, EndRBA=*end\_rba***

Explanation: At initialization, the PowerExchange Logger for MVS identifies the active log data set that the system is currently using. Use this information to verify that the Logger is starting with the correct log data set.

System Action: The Logger continues to run.

User Response: No response is required.

**PWXEDM172640E EDM Logical Logger unable to obtain new internal log buffer**

Explanation: The PowerExchange logical logger was unable to get a new buffer to continue logging operations. The task ends abnormally with the user abend code of U3035 and the reason code X'F9FF00xx'.

User Response: Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem.

If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172641E EDM Logical module received invalid return code from move routine**

Explanation: Either the PowerExchange logical logger or logical ready module received an invalid return code from the internal routine that moves log records to the buffer. The task ends abnormally with a user abend code of U3035 and a reason code of X'F9FF00xx'.

User Response: Complete a PowerExchange Logger trace by using the TRACE command. Have the trace file and the job step listing available, and contact Informatica Global Customer Support.



**PWXEDM172642E EDM Log allocation error dsname=*dsname*, error status=*reason***

**Explanation:** The PowerExchange physical logger encountered an error while attempting to allocate the active or archive log data set specified by *dsname*. The status shows the error reason code that the MVS dynamic allocation returns. The log manager actions vary depending on the type of data set involved. The following actions apply to active log data sets:

If the error is encountered during log manager initialization, PowerExchange startup ends.

If two copies of the active log data set are defined, this message appears only once.

For archive log data sets, two copies of the archive log data sets are defined and processing continues on the remaining archive log data set.

**User Response:** Your response varies depending on the type of data set involved and the type of error that occurred.

If you were allocating active log data sets and if the problem occurred during initialization, you can resolve the problem by doing one of the following:

- Resolve the error associated with the active log data set as indicated by the reason code.
- Provide another copy of the active log using IDCAMS.
- Update the restart data set (ERDS) with the PowerExchange Logger batch utility.
- Restart the PowerExchange Logger.

For archive log data sets

- If the problem occurred during allocation with the intent to write the data set, no immediate action is required. However, failure to resolve the SVC99 error (indicated by the reason code) may eventually cause the available space in the active log to be exhausted (DSNJ111E), which may cause all future off-loads to fail due to the same error.
- If the problem occurred during allocation with the intent to read the data set, the problems are likely MVS dynamic allocation errors. Therefore, perform the following tasks:
  - Determine the cause of the problem using the appropriate MVS system messages and codes, and correct those problems.
  - Use the batch command DELETE\_LOG to delete the archive log data set from the restart data set archive log inventory.
  - Use the DEFINE\_LOG function to add the data set back into the archive log inventory, pointing to the correct volume and device.

**PWXEDM172643E Physical Logger received a RC=*nnnn* reason code *nnnnnnnn* from DSPSERV(or HSPSERV) CREATE(or SREAD, DELETE or RELEASE) macro for LOG *dsname***

**Explanation:** The PowerExchange physical logger received an invalid return code from the specified internal macro for the service indicated. The reason code provides the reason why the macro processing failed or cannot continue. The task ends abnormally with a user abend code of U3035 and a reason code of X'F9FF00xx'.

**User Response:** Identify the z/OS data in the virtual (DIV) macro that is causing the problem, and correct it, if necessary.

**PWXEDM172644E EDML Physical Logger received a RC=*rc*, reason code=*reason*, from DIV macro *macro* for log *ddname***

Explanation: The PowerExchange physical logger received an invalid return code from the specified internal MVS data in virtual (DIV) macro for the service indicated. The reason code indicates why the DIV macro processing failed or cannot continue. The task ends abnormally with the user abend code of U3035 and reason code X'F9FF00xx'.

User Response: Identify the z/OS data in the virtual (DIV) macro that is causing the problem using the MVS system messages and codes. If necessary, correct the problem, and run the job again.

**PWXEDM172645E Write error, *dsname*=*dsname*, Rc=*return code*, Rsn=*reason code***

Explanation: The PowerExchange physical logger encountered a write error in the specified active log data set. The error occurred while the PowerExchange Logger was writing the log buffers to an active log data set. The return code and reason code provide error information returned by the HSPSERV or DIV services.

System Action: The system action depends on the active logging option you selected:

- If you selected the dual active logging option, the log manager switches to the next data set for this copy. If the next data set is not ready, the log manager temporarily enters single logging mode and allocates a replacement data set for the one that encounters the error. The PowerExchange Logger resumes dual logging as soon as possible.
- If you selected the single active logging option and the next data set is not ready, the log manager waits for that data set to become available. The PowerExchange Logger inhibits log writing until the replacement data set is ready to receive data.

See the appropriate z/OS publication for a description of the HSPSERV reason codes. Correct the log marked as STOPPED by deleting the log with the DELETE\_LOG command and reallocating the log, and run the job again.

**Note:** A log is not usable if the status of the log is STOPPED.

**PWXEDM172646E EDML Physical Logger initialization failed for *dsname*=*dsname*, *logrba*=*logrba***

Explanation: The PowerExchange physical logger encountered an error during the initialization of the active log data set specified by *dsname*. The PowerExchange Logger truncates the current active log and attempts to switch to the next active log data set.

User Response: Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172647E EDML Physical Logger termination failed for *dsname*=*dsname*, *logrba*=*logrba*.**

Explanation: The PowerExchange physical logger encountered an error during the termination of the active log data set specified by *dsname*. The PowerExchange Logger truncates the current active log.

User Response: Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172648E EDML Physical Logger initialization failed, unable to determine blocks available for logging**

Explanation: The PowerExchange physical logger encountered an error when trying to determine the total blocks available for logging during this run. Processing ends abnormally with an abend code of U3035 and a reason code of X'00F9FF02'.

User Response: Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem.

If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172649I EDM Logger Offload handler will attempt to continue with active log copy**

Explanation: The off-load handler was unable to allocate the active log copy1 data set. If dual active logging is in effect, the PowerExchange Logger off-load handler attempts to continue by switching to and using the second copy. If this attempt fails or if dual active logging is not in effect, the PowerExchange Logger ends the off-load process.

User Response: Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172650E EDM Logger Offload terminated for dsname=*dsname*, reason code=*reason***

Explanation: The PowerExchange Logger off-load handler was unable to archive active log data set, *dsname*. The reason code, *reason*, indicates the cause of the termination as follows.

- 01. The PowerExchange Logger was unable to allocate the active log data set.
- 02. The PowerExchange Logger was unable to identify the active log data set using the DIV IDENTIFY macro.
- 03. The PowerExchange Logger was unable to access the active log data set using the DIV ACCESS macro.
- 04. The PowerExchange Logger was unable to map the active log data set using the DIV MAP macro.
- 05. An I/O error occurred while the PowerExchange Logger was reading the active log data set.
- 06. An I/O error occurred while the PowerExchange Logger was writing to the active log data set.

System Action: The PowerExchange Logger ends the off-load process.

User Response: To determine the cause of the problem, view the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, contact Informatica Global Customer Support and provide the job step listing.

**PWXEDM172651E EDM Log unallocation error dsname=*dsname*, error status=*reason***

Explanation: The PowerExchange physical logger encountered an error while attempting to allocate the active or archive log data set specified by *dsname*. This message displays the reason code returned by the MVS dynamic allocation (SVC99). If this message is coming from the off-loading handler, the PowerExchange Logger ends the archive process.

User Response: Use the appropriate MVS system messages and codes to determine the cause of the problem. Correct the cause of the allocation failure, and enter the command again.

**PWXEDM172652E EDM Logger internal DEFINE\_LOG command failed for DSNAME=*dsname***

Explanation: The PowerExchange Logger off-load processor encountered an error while attempting to update the PowerExchange Logger restart data set (ERDS) with the new archive data set information. The PowerExchange Logger ends the off-load process. If the error is coming from the off-loading handler, the PowerExchange Logger ends the archive process.

User Response: Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172653E EDM Logger log read error dsname=*dsname*, logrba=*logrba*, return code is *rc***

Explanation: The PowerExchange Logger off-load processor encountered an error while attempting to read the active log specified by *dsname*.

The system action depends on when the error occurs:

If the error occurs during the off-load process, the off-load processor tries to read the RBA range from a second copy.

- If a second copy does not exist, the off-load processor stops the active log data set.
- If the second copy also has an error, the processor stops only the original data set that triggered the off-load. The archive log data set ends, which leaves a gap in the archived log RBA range. The PowerExchange Logger issues message PWXEDM172654E.
- If the second copy is satisfactory, the off-load processor does not stop the first copy.
- If the error occurs during restart, the PowerExchange Logger ends. During restart, all copies of the active log data set must be available to the PowerExchange Logger.
- If the active log data set has been stopped, it is no longer used for logging. However, the data set is not deallocated. The PowerExchange Logger continues to use it for reading.

User Response: Check any system messages, such as IEC prefixed messages, and attempt to resolve the problem using the recommended actions given in those messages.

Alternatively, you can write a program to archive as much of the stopped active log data set as possible. Then, run the change log inventory utility to notify the restart data set (ERDS) of the new archive log and log RBA range.

**Note:** When you receive this message, the data set may or may not be stopped. In either case, you should replace an active log data set that gives persistent errors of this type.

**Warning:** ! Repairing the stopped active log does not solve this problem because the off-load processor does not go back to unload the stopped log. You must perform the off-load process and reestablish a valid active log.

**PWXEDM172654I EOD reached at dsname=*dsname*, Logrba=*logrba***

Explanation: The PowerExchange Logger log read processor reached the end of the file at the specified *logrba* in the specified log data set name.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172656E EDM Logger unable to process log truncation request for reason *reason***

Explanation: The PowerExchange Logger off-load processor encountered an error while attempting to truncate the current active log. While processing an ARCHIVE\_LOG command, the PowerExchange Logger physical logger routine received an internal request to force-write the log buffer and to truncate and switch the active log to the next available active log data set.

This is an internal error detected by the PowerExchange physical logger. The error may have been caused by an unrelated abend in the PowerExchange physical logger, a STOP MODE=FORCE command, or an abnormal subsystem termination.

As indicated by reason code *reason*, the request failed for one of the following reasons:

- 04. The end of current active log operation failed.
- 08. The determine new active log operation failed.

System Action: The PowerExchange Logger stops processing the command.

User Response: Look up the messages and abends that precede this message for possible causes of the error. If possible, correct the problem and run the job again. If the problem persists, collect all available information about the error and contact Informatica Global Customer Support.

**PWXEDM172657I EDM Logger asynchronous log archive subtask initiated**

Explanation: The PowerExchange Logger accepted the ARCHIVE\_LOG command you submitted. The PowerExchange Logger started an asynchronous task to archive (off-load) the active log data set. The system truncates the current active log data set or sets, switches to the next available active log data set or sets, and initiates an asynchronous off-load task to archive the active log data set or sets.

The term asynchronous indicates that control returns to the invoker as soon as the off-load task starts. Therefore, the PowerExchange Logger command processor accepts and processes any PowerExchange Logger commands while the off-load task is running. If you used the MODE(QUIESCE) option with the ARCHIVE\_LOG command, the system displays message PWXEDM172658I.

User Response: Follow normal operational procedures when the off-load task begins.

**PWXEDM172658I EDM Logger ARCHIVE\_LOG QUIESCE command ended. EDM Logger capture activity is now resumed**

Explanation: The PowerExchange Logger processed an ARCHIVE\_LOG command with the MODE QUIESCE option. As part of MODE QUIESCE processing, the PowerExchange Logger stops all new update activity against PowerExchange Logger resources. Normal PowerExchange Logger activity for all users and jobs was blocked during the quiesce period. This message signals the end of the quiesce processing and the resumption of normal PowerExchange Logger activity for all users and jobs. The PowerExchange Logger resumes normal logging activity for all users and jobs that were blocked during the quiesce period.

User Response: No response is required.

**PWXEDM172659I EDM Logger ARCHIVE\_LOG command is already in progress**

Explanation: You attempted to issue an ARCHIVE\_LOG command while another ARCHIVE\_LOG command was already in progress. The system continues processing the original ARCHIVE\_LOG command and ignores the second command.

User Response: No response is required.

<b>PWXEDM172660I</b>	<b>EDM Logger ARCHIVE_LOG command terminated. Current active log data set is the last available</b>
Explanation:	The PowerExchange Logger rejected the ARCHIVE_LOG command because the current active log is the last available active log data set. The PowerExchange Logger ends command processing. If you do not correct this situation, the PowerExchange Logger issues warning messages as the available log data space reaches critically low levels. When the active log becomes full, a final message indicates that there is no active log, and the PowerExchange Logger halts processing until you make active log space available.
User Response:	To clear this condition, take the steps necessary to complete other waiting off-load tasks. After you make another active log available (reusable) by completing the off-load process for that log, command processing for the current active log can proceed.
<b>PWXEDM172661I</b>	<b>ARCHIVE_LOG done for DSName=<i>data_set_name</i>. StartRBA=<i>start_rba</i>, EndRBA=<i>end_rba</i>, StartTime=<i>start_timestamp</i>, EndTime=<i>end_timestamp</i></b>
Explanation:	<p>The PowerExchange Logger for MVS archived the active log data set and updated the archive log data set inventory in the PowerExchange Logger emergency restart data set (ERDS) with the information about the new archive log.</p> <p>In this message, the StartRBA and EndRBA values indicate the starting and ending relative byte addresses for the archive data set, and the StartTime and EndTime values indicate the time range.</p>
User Response:	No response is required.
<b>PWXEDM172662E</b>	<b>EDM Logger was unable to [ADD   DELETE   FIND] UOW <i>uowid</i> to internal table</b>
Explanation:	When the PowerExchange physical logger received a <i>begin_UOW</i> record for the unit of work (UOW) specified in <i>uowid</i> , it could not add, delete, or find that UOW in the internal table. The PowerExchange Logger ends.
User Response:	Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.
<b>PWXEDM172663I</b>	<b>EDM Logger received sync record without a corresponding <i>begin_UOW</i> record for UOW <i>uowid</i></b>
Explanation:	The PowerExchange physical logger received a <i>begin_sync_PH1</i> , <i>begin_sync_PH2</i> , or <i>end_sync_PH2</i> record. However, a <i>begin_UOW</i> does not exist for this unit of work (UOW). The PowerExchange Logger requires a <i>begin_UOW</i> before it can recognize a <i>begin_</i> or <i>end_sync</i> record. The PowerExchange Logger ignores this UOW record and continues processing.
User Response:	Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172664E    *Logger **logger\_operation** operation for Queue **queue\_name** failed for entry **entry\_value** with return code=**return\_code**, reason=**reason\_code*****

Explanation:        When the PowerExchange Logger for MVS was processing the specified operation on an internal table, it detected that the operation had not completed. This message provides the operation type, the queue name of the internal table, the entry that was being processed, and the return and reason codes.

The *logger\_operation* variable represents one of the following values:

- ADD
- DELETE
- FIND

The *queue\_name* is GBLCHKQCB.

System Action:     The PowerExchange Logger ends abnormally.

User Response:     Check the JES2 log for previous messages from the PowerExchange Logger to determine the cause of the failure. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172665E    *EDML Physical Reader operation failed for dsname=**dsname**, logrba=**logrba*****

Explanation:        The PowerExchange physical reader encountered an error during the operation shown in this message for the archive data set *dsname*. The possible operations include

- Initialization
- Termination
- Get buffer
- Unallocation

The PowerExchange Logger ends the current archive extraction process.

User Response:     Check the JES2 log for previous messages from the PowerExchange physical logger to help determine the cause of the problem. If the problem persists, get the job step listing, and contact Informatica Global Customer Support.

**PWXEDM172666I    *EDM Logger has determined that XCF is operating in local mode only***

Explanation:        The PowerExchange Logger Cross-System Coupling Facility (XCF) interface determined that the XCF is operating in local mode only. Local mode limits signaling and communications to this CPU.

System Action:     Processing continues.

User Response:     No response is required.

**PWXEDM172667E    *EDM Logger Reader operation failed for **lrp\_client** with reason code **reason**, and return code **rc*****

Explanation:        The specified PowerExchange Logger reader operation *operation* failed for LRP client *lrp\_client*. The reason code *reason* and the return code *rc* provide additional information about the error.

The variable *operation* indicates which operation was running and is one of the following:

- BLDPIP. A build SENDPIPE command failed.
- BLDRDT. An attempt to build a request data transfer (REQTRN) reply command failed.

- CLOSE. An attempt to close a circular queue failed.
- CSCONN. A common services CONNECT failed.
- INVRBA. The PowerExchange Logger reader was unable to find a valid log data set, or it found a log data set with an invalid RBA.
- OPEN. An attempt to open an output circular queue failed.
- OPNXCF. An attempt to open a XCF message queue failed.
- PUT. An attempt to PUT to a circular queue failed.
- RDINIT. The logical log reader was unable to initialize.
- RDTERM. An attempt to terminate processing by the logical log reader failed.
- RDTRPL. An attempt to send a request data transfer command (REQTRN) reply through the circular queue failed.
- READ. An attempt by the logical log reader to READ from a log failed.
- REREAD. An attempt by the logical log reader to READ from a log failed.
- SNDPIP. An attempt to insert a pipe cleaner in a circular queue failed.
- SNDRDT. An attempt to send a request data transfer (REQTRN) reply command failed.
- TERM. A logical log reader failed to terminate.
- UNALLO. An attempt to have the logical log reader unallocate the current log data set failed.
- UOWFND. The exact position in the log data from which data transfer is supposed to start cannot be found.

System Action: The PowerExchange Logger stops abnormally.

User Response: To determine the cause of the problem, look at the values of *operation*, *reason*, and *rc*.  
Correct the problem, restart the PowerExchange Logger, and run the job again. If the problem persists, collect all available information about the error, including the contents of this message, and contact Informatica Global Customer Support.

**PWXEDM172668I {Change Capture|Log Reader} agent *xcf\_member\_name* connected to Logger *logger\_id*, reason code=*reason*, return code=*rc***

Explanation: The Logger Cross-System Coupling Facility (XCF) interface received and processed a connection request from *xcf\_member\_name* for Logger *logger\_id*. The connector is either an environmental change capture routine (ECCR), indicated by Change capture, or a log reader.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172669I job {Change Capture|Log Reader} agent disconnected from EDM Logger *loggerid*, reason code=*reason*, return code=*rc***

Explanation: The PowerExchange Logger Cross-System Coupling Facility (XCF) interface received and processed a disconnection request from the subsystem (*agent*) job. The module that disconnected from the PowerExchange Logger is either an environmental change capture routine (ECCR), shown in the message as Change Capture, or the log read processor (LRP), shown in the message as Log Reader.

System Action: Processing continues.

User Response: No response is required.



**PWXEDM172670I EDM Logger Client job started**

Explanation: The PowerExchange Logger Cross-System Coupling Facility (XCF) interface received and processed a join request from the job, specified by job, to the PowerExchange Logger XCF group.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172671I EDM Logger Client *job\_name* {ended successfully|end data transfer|ended abnormally}**

Explanation: The Logger Cross-System Coupling Facility (XCF) interface received and processed an end or end data transfer request from the job, *job\_name*, for the PowerExchange Logger XCF group.

System Action: Processing continues.

User Response: If the job ended or ended data transfer, no response is required.

If the job ended abnormally, check the JES2 log for previous messages from the PowerExchange Logger. Correct the problem and resubmit the job. Contact Informatica Global Customer Support.

**PWXEDM172672I EDM Logger last active log data set is *nn* percent full**

Explanation: The PowerExchange Logger issues this message when the last available active log data set is 75 percent full. The PowerExchange Logger reissues this message after each additional five percent of the remaining data set space is filled.

Several possible causes exist for the shortage of active log data set space:

- Excessive logging, such as too many users requesting logs at the same time.
- Delayed or slow off-loading, caused by such things as the system operator failing to mount archive volumes, making incorrect replies to off-load process messages, or using devices with slow device speeds.
- Excessive use of the ARCHIVE\_LOG command. Each time the ARCHIVE\_LOG command is used, it causes the PowerExchange Logger to switch to a new active log data set and to initiate an off-load of the previous active log. Although the ARCHIVE\_LOG command is not run when only one active log data set remains in a copy of the active log, excessive use of the command could have consumed all space in the active log except for the current active log data set or sets.
- Off-load process failure. See additional information in the user response.
- Insufficient active log space. See the additional information in the user response.

System Action: Each time it issues this message, the PowerExchange Logger tries to perform off-load processing. If the off-load process is successful, the PowerExchange Logger does not reissue this message. If the off-load process is unsuccessful and if the cause of the failure is not corrected, the active log data space fills until it reaches capacity. The PowerExchange Logger then issues message PWXEDM172673I and halts all processing of changed data.

User Response: To clear this condition, you must either correct the problem that is causing the off-load process to fail, or you must add more active log data sets:

- To correct the off-load failure condition, you must take the steps necessary to complete other waiting off-load tasks. When an active log data set is made available or reusable by completing the off-load process for it, PowerExchange logging activity can continue. Perform a display request to determine the outstanding requests related to the log off-load process. Take the necessary action to satisfy any requests, and permit the off-load process to continue. If the off-load process fails to complete normally or cannot be initiated, notify the system programmer.
- To add more data sets, you must stop the logging process, terminate the PowerExchange Logger, run the logger batch change utility to add new active log data sets, then restart the PowerExchange Logger.

**PWXEDM172673I EDM Logger out of space in active log data sets**

Explanation: Due to delays in off-load processing, all space in all active log data sets has been used. The PowerExchange Logger cannot continue processing.

System Action: The log manager waits for an available data set.

User Response: Use a DISPLAY OBJECT=LOG command to verify that there are no outstanding requests related to the log off-load process. Take the necessary action to satisfy any requests and permit the off-load process to continue. If the delay was caused by the lack of a resource required for the off-load process, you must make the resource available to allow the off-load process to complete. When the resource is available, it permits the PowerExchange Logger to resume processing.

**PWXEDM172675I EDM Logger {simple|extended} CHECKPOINT complete. StartRBA=start\_rba, EndRBA=end\_rba at yyyy.ddd hh mm:ss.nn, StartTime=timestamp**

Explanation: The PowerExchange Logger for MVS completed either a simple or extended internal checkpoint. The checkpoint records were written to the active log data set between the specified StartRBA and EndRBA positions. The StartTime value is the TOD clock time stamp (GMT) that indicates when the checkpoint record was created. Use this message to determine where the PowerExchange Logger is currently logging data.

In a Post-Log Merge environment, this message shows the effective RBA of the first checkpoint record that was created. The timestamp is required to indicate the same record where the PowerExchange Logger is currently logging data.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172676I EDM Logger Change Capture XCF-Syncpoint request for uowid complete at datetime**

Explanation: The PowerExchange Logger completed a sync point request sent through the Cross-System Coupling Facility (XCF) for an environmental change capture routine (ECCR) unit-of-work ID.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172677I EDM Logger Change Capture XCF-Syncpoint request for job failed (*failure*) at *datetime***

Explanation: The PowerExchange Logger was unable to process a sync point request sent through the Cross-System Coupling Facility (XCF) for an environmental change capture routine (ECCR). The following types of failure occur in the internal communication between the ECCR and the PowerExchange Logger.

- Invalid input
- Invalid resync

System Action: Processing continues.

User Response: To correct the problem, contact Informatica Global Customer Support.

**PWXEDM172678I EDM Logger *loggerid* detected *nnnn* in-doubt units of work during restart**

Explanation: This message is sent to the JES console when the PowerExchange Logger detects any units of work (UOWs) that are in-doubt during restart. The message shows the number of in-doubt units of work (*nnnn*) found for the specified PowerExchange Logger.

System Action: Processing continues.

User Response: See the *PowerExchange CDC Guide for z/OS* for information about resolving in-doubt units of work.

**PWXEDM172679I EDP Logger *report\_title* report follows:**

Explanation: The PowerExchange Logger for MVS DISPLAY OBJECT=LOG and DISPLAY OBJECT=CONNECTION commands generate this message to show the title of the report that the commands generate. This message precedes other messages in the report. The *report\_title* value can be any of the following values:

- Log\_Active
- Log\_Archive
- UOW\_Connection
- Reader\_Connection
- Writer\_Connection

Additionally, if you enter the DISPLAY OBJECT=CONNECTION ,TYPE=READER command in a Post\_Log Merge environment, this message shows includes the following line in the connection reader report:

```
Log_RBA=logger_rba, Read_RBA=read_rba, Start_Loc=start_location
```

This line appears as an unnumbered message line within the report in PWXEDM172679I. The line reports the following information for the current reader connections:

- Log\_RBA. An RBA that indicates where the PowerExchange Logger is currently writing data.
- Read\_RBA. An RBA that indicates where the log reader last processed.
- Start\_Loc. A time stamp that indicates where the read request started. This timestamp is in TOD clock format.

**Note:** The Log\_RBA and Read\_RBA indicate the beginning of a block of Logger data. They do not reflect the record that is currently being processed within that block.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172680I EDM Logger command normal completion at *datetime***

Explanation: Processing completed for the specified command.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172681E EDM Logger RESOLVE\_INDOUBT {COMMIT|ABORT} for UOW *uow\_id* failed at *datetime* (*error\_type*)**

Explanation: The PowerExchange Logger for MVS failed to process a RESOLVE\_INDOUBT COMMIT or ABORT command. The message reports one of the following error types:

- **UOW not found.** The PowerExchange Logger did not find the specified UOW.
- **ECCR=*eccr\_name*.** The PowerExchange Logger found the specified UOW, but the name of the ECCR that is associated with the UOW is incorrect.
- **Gbl Queue error.** An error occurred while PowerExchange was attempting to write a command notification to the PowerExchange Logger input queue.
- **Pkt Queue error.** The UOW information could not be added to the PowerExchange Logger internal queue.
- **EDMLLG0 error.** An error occurred while the EDMLLG0 module was processing the command.

System Action: The RESOLVE\_INDOUBT command fails, but PowerExchange Logger processing continues.

User Response: If the UOW was not found, verify that the UOW ID specified in the RESOLVE\_INDOUBT command matches the UOW ID shown in the DISPLAY OBJ=CONN,TYPE=UOW command output. If the ECCR name was incorrect, verify that the correct ECCR name is specified in the RESOLVE\_INDOUBT command. After you correct either error, run the RESOLVE\_INDOUBT UOW command again. If the problem persists, contact Informatica Global Customer Support.  
  
If another error type caused the failure, contact Informatica Global Customer Support.

**PWXEDM172682I Logger RESOLVE\_INDOUBT {ABORT|COMMIT} done for *uowid* at scheduled *date/time***

Explanation: The PowerExchange Logger is processing a RESOLVE\_INDOUBT request for the specified unit of work (UOW). The request was entered by a command that specified the UOW should be processed now. The message shows the scheduled date and time, which should approximate the present date and time.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172683E EDM Logger unable to connect to EDM Common Services, Return code=*rc*, Reason code=*reason***

Explanation: The PowerExchange Logger was unable to connect to the PowerExchange Agent during initialization. The return and reason codes provide additional information about the error. The PowerExchange Logger ends abnormally.

User Response: Verify that the PowerExchange Agent and the common services module are operational, and run the job again.

**PWXEDM172684I EDM Logger {simple|extended} CHECKPOINT complete for UOW=*uow\_id* at *date time***

Explanation: The PowerExchange Logger for MVS completed a simple or extended internal checkpoint for the specified unit of work (UOW) at the specified date and time.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172685I EDM Logger *loggerid* unable to shut down. (Change Capture|EDM Log Reader) client name still active**

Explanation: You entered the PowerExchange Logger STOP command with the parameter MODE=QUIESCE. This message indicates that the specified environmental change capture routine (ECCR) or PowerExchange log reader is still active. The PowerExchange Logger waits for the specified ECCR or log reader to disconnect.

User Response: No response is required.

**PWXEDM172686E EDM Logger *loggerid* is already active in the system**

Explanation: The PowerExchange Logger attempted to create a new Cross-System Coupling Facility (XCF) member for the associated PowerExchange Agent. However, an XCF group with the same name is already in the system. The PowerExchange Logger ends.

User Response: Verify that the PowerExchange Logger ID is correct in the JCL parameter, and run the job again.

**PWXEDM172687I EDM Logger *command* command {failed|completed} with return code=*rc*, and reason code=*reason***

Explanation: The specified command completed or failed with the specified return and reason codes. The command is one of the following commands:

- ARCHIVE\_LOG
- DEFINE
- DEFINE\_LOG
- DEL\_LOG
- DISPLAY
- END
- PRINT
- RESOLVE\_INDOUBT
- STOP
- TRACE

System Action: If the return and reason codes are 0, processing continues. Otherwise, although PowerExchange Logger processing continues, the specific command processing ends.

User Response:	<p>If the return and reason codes are 0, no response is required.</p> <p>Otherwise, check the JES2 log for previous messages from the PowerExchange Logger for pertaining to the specified command.</p> <p>If this message is a result of an ARCHIVE_LOG command, you must correct the problem that is preventing the PowerExchange Logger from performing the archiving process normally. This situation might be due to such things as space availability or catalog problems. When the problem is corrected, other waiting off-load tasks have completed, and another active log is available, reissue the ARCHIVE_LOG command for the current active log. If you do not correct the error, the PowerExchange Logger will issue warning messages as available active log data space reaches critically low levels. A final message indicates that there is no active log and the PowerExchange Logger stops processing until active log space is made available.</p>
<b>PWXEDM172688I</b>	<b>EDM Logger <i>loggerid</i> detected Client <i>clientid</i> in invalid state <i>state</i>.</b>
Explanation:	The PowerExchange Logger shown in the message attempted to send a message to the specified client by XCF, but the client was in an invalid state. For example, if an ECCR job abends, the PowerExchange Logger detects a FAILED state.
System Action:	Processing continues.
User Response:	Determine why the client is in an invalid state by checking the JES2 log messages for the specified client. Correct the cause for the invalid XCF state of the client and run the job again.
<b>PWXEDM172689I</b>	<b>EDM Logger LOG_FILE command loaded UOW <i>uowid</i> at <i>datetime</i></b>
Explanation:	The PowerExchange Logger completed a request from a LOG_FILE command to load the unit of work identified by <i>uowid</i> . The message also shows the date and time when the UOW was loaded.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172690E</b>	<b>EDM Logger logic error. Invalid LogRBA=<i>log_rba</i> for log with StartRBA=<i>start_rba</i>, Endrba=<i>end_rba</i></b>
Explanation:	The PowerExchange Logger for MVS received a request to write a block with a log RBA that is outside the boundaries of the currently active log. This message provides the requested log RBA and the start and end RBAs for the active log.
System Action:	The PowerExchange Logger ends with abend code U3035 and reason code X'0F9FF020'.
User Response:	Contact Informatica Global Customer Support.
<b>PWXEDM172691I</b>	<b>EDM Logger has found an error in log <i>active_log</i>. Log stopped.</b>
Explanation:	The PowerExchange Logger physical logger found an error while setting up the specified <i>active_log</i> . The PowerExchange Logger stops both the primary and corresponding secondary logs. The PowerExchange Logger does not use them during the current run.
User Response:	Look for system messages, such as IEC prefixed messages, and use the information in those messages to determine the cause of the problem, correct the problem, and run the job again. In addition, you may need to recover the log by using the DELETE_LOG and DEFINE_LOG commands.

**PWXEDM172692E EDM Logger detected an unequal number of primary and secondary logs defined in ERDS.**

Explanation: The PowerExchange Logger physical logger found a usable secondary log during the switch log process after running in a single logging operation.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172693E EDM Logger detected an insufficient number of active logs defined in ERDS.**

Explanation: Not enough active log data sets are defined in the restart data set (ERDS) to start logging captured data. This condition usually exists for one of the following reasons:

You have defined fewer than two data sets for one of the active log copy sets.

EDMUPARM specified ACTIVE\_LOG\_MODE=DUAL in the PowerExchange Logger initialization parameters. However, data sets for two copies of the active log are not defined in the restart data set.

Fewer than two data sets are available (not flagged as STOPPED) for one of the active log copy sets.

The PowerExchange Logger start-up ends.

Use the logger batch change utility to make the number of active log data sets defined in the restart data set consistent with the parameters specified in EDMUPARM.

The PowerExchange Logger does not reuse log data sets that have the status STOPPED. You must recover these data sets, by either redefining or recovering them from the other copy of the log. In addition to clear the STOPPED status, you must delete the log data sets and add them to the restart data set with the appropriate RBA addresses. To delete and add the log data sets to the restart data sets, use the logger batch change utility.

After correcting the problem, restart the PowerExchange Logger.

**PWXEDM172695I EDM Logger detected an invalid record on input Queue. Record ignored.**

Explanation: The PowerExchange Logger detected an invalid record type on the input queue while processing changed records. A valid record must have one of the following indicators in position 24 of the record to be logged:

- C. Change data record.
- P. Packet header or trailer record.
- R. Row column description record.
- S. Service record.
- U. Batch/utility record.
- L. Logger record.

If any other indicator appears in position 24, the PowerExchange Logger considers the record invalid. The PowerExchange Logger ignores the invalid record.

System Action: Processing continues.

User Response: No response is required.

<b>PWXEDM172696E</b>	<b>EDM Logger could not find checkpoint with Logrba=<i>logrba</i> in any log data set</b>
Explanation:	The PowerExchange Logger could not locate a checkpoint at the address specified by <i>logrba</i> in any known data set. The PowerExchange Logger requires a checkpoint for restart processing.
System Action:	Processing ends.
User Response:	Determine a valid checkpoint for restart, and start the PowerExchange Logger again. If you need assistance in determining a checkpoint, contact Informatica Global Customer Support.
<b>PWXEDM172697E</b>	<b>EDM Logger <i>operation</i> operation for XCF Message Q failed with reason code=<i>reason</i>, and return code=<i>rc</i></b>
Explanation:	The PowerExchange Logger failed when it tried to perform the specified operation for the XCF local circular queue. The XCF circular queue may have an internal error. The return and reason codes provide additional information about the error.
System Action:	Processing ends.
User Response:	Gather all available information about the error and contact Informatica Global Customer Support.
<b>PWXEDM172698I</b>	<b>Logger received an invalid request data transfer start: <i>loggerid</i> start<b>rba</b>, from log reader <i>log_reader_name</i></b>
Explanation:	The Logger, <i>loggerid</i> , XCF interface received an invalid start RBA, <i>start<b>rba</b></i> , from the log reader, <i>log_reader_name</i> .
System Action:	Processing continues. The Logger requests an abend for the log reader shown in the message.
User Response:	Check the EDMPARMS DD statement or STEPLIB concatenation for the EDMSDIR module and verify that the correct Logger name is specified. Correct the job and run it again.
<b>PWXEDM172699I</b>	<b>EDP Logger reinstated ECCR= <i>task_name</i>, oldest RBA= <i>oldest_RBA</i>, last read RBA= <i>last_RBA</i>, last Logger UOW= <i>last_UOW</i></b>
Explanation:	During restart processing, the PowerExchange Logger for MVS encountered a type-1 ECCR and reinstated it in internal control blocks.
System Action:	PowerExchange Logger processing continues.
User Response:	No response is required.
<b>PWXEDM172700I</b>	<b>EDM Logger unable to find options for <i>loggerid</i>, default options in effect</b>
Explanation:	The PowerExchange Logger initialization processor was unable to locate the options data set (EDMUPARM) for the logger ID specified in the message. The PowerExchange Logger will use the default options found in EDMZPARM.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172701I</b>	<b>EDM Logger executing with <i>control_block</i> at <i>logrba</i></b>
Explanation:	The PowerExchange Logger is executing with the indicated control block at the location indicated in the message.
System Action:	Processing continues.



User Response: No response is required.

**PWXEDM172702W EDM Logger stealing log=log.dataset.name, Startrba=rrrrrrrrrr, nnnnnnnn Log Readers active**

Explanation: The PowerExchange Logger needs to reuse an active log with the data set name and starting RBA indicated in the message, because no other active logs are available to it. However, one or more Log Reader processes are currently reading the active log. The number of Log Reader processes is shown in the message.

System Action: The PowerExchange Logger begins to write new data to the active log data set. This may result in an abend in the Log Reader process.

User Response: Determine why the PowerExchange Logger was forced to steal the active log data set. It may possibly be necessary to increase the number of active log data sets, especially if more Log Reader processes are normally run than there are active log data sets. You can use the PowerExchange Logger DISPLAY command to determine the number of Log Reader processes currently active. This problem may also be caused by a failure to archive active log data, so the status of any recent archive attempts should be examined. You can also use the PowerExchange Logger DISPLAY command to determine the status of the active log data sets, in particular, which, if any, need to be archived.

**PWXEDM172703I EDM Logger is now operating in single logging mode on ds\_type**

Explanation: The PowerExchange Logger encountered an allocation or I/O error in the restart data set or in an active log data set.

System Action: Processing continues. The PowerExchange Logger enters single logging mode for the data set type indicated by ds\_type.

User Response: No response is required. However, you should review the JES log and the PowerExchange message log to resolve the error in the data set indicated by the message.

**PWXEDM172711E EDM Logger command processor found that required keyword keyword is missing**

Explanation: You entered a command without a required keyword. The current command set ends.

User Response: Enter the command set with the required keyword, and run the job again.

**PWXEDM172712E EDM Logger command processor detected keyword~~~, which is not supported in batch**

Explanation: In ISPF, you can use a question mark (?) in place of keywords to indicate that ISPF should prompt for the value of the keyword at execution time for that keyword. This option is not allowed when running in batch mode. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172713E EDM Logger command processor detected a non-alphanumeric value for keyword**

Explanation: The keyword you entered contains invalid characters. The value for the specified keyword must consist of all alphanumeric characters and must begin with a non-numeric character. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172714E EDM Logger command processor detected keyword keyword=value and keyword=value that are mutually exclusive**

Explanation: You cannot use both of the specified keywords or keyword values in a single command set. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172715E EDM Logger command processor detected a value length error for keyword, found value**

Explanation: The value for the specified keyword must not exceed a maximum length. The value you entered was too long for the format. For example, a time stamp must not exceed 13 bytes, and a data set name must not exceed 44 bytes. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172716E error\_description for keyword\_name - found value\_found**

Explanation: The indicated value of the keyword [ERROR DESCRIPTION | KEYWORD NAME | VALUE FOUND] must conform to a special format, such as, data set name, time stamp. The value entered was not acceptable. The current command set is terminated.

User Response: Correct the command and resubmit. If necessary, read the keyword description in the manual to insure that the data format is acceptable. Time stamp value must be specified as YYDDD/HHMMSS where YYDDD is a valid Julian date and HHMMSS is a valid time. Using tenths of seconds is optional. DRRN values must begin with '04' or '08'. An IMS log code value must be in the range "AO" to "FF".

**PWXEDM172717E EDM Logger command processor was expecting a keyword, found value**

Explanation: The PowerExchange Logger command processor was expecting a keyword, but found another value, such as the next characters in the input stream, instead. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172718E EDM Logger command processor detected keyword keyword value delimiter incorrect**

Explanation: The keyword value for the specified keyword was followed by an equal (=) sign, as in KEY=XXXX=. This command structure is incorrect. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172719E EDM Logger command processor detected duplicate value value for keyword keyword**

Explanation: The indicated value appears twice in the list for the specified keyword. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172720E EDM Logger command processor detected keyword keyword expecting value, found value\_entered**

Explanation: The value you entered is not valid for this keyword. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172721E EDM Logger command processor detected a length error, *part\_of\_name***

Explanation: The scan found a name or an undelimited value that is too long. This message shows the first part of the invalid name. The syntax scan does not accept any name or undelimited value longer than 64 characters. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172722E EDM Logger command processor expects a numeric value for *keyword*, found *value***

Explanation: The PowerExchange Logger command processor found the specified non-numeric value for the specified keyword that requires a numeric value. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172723E VALUE TOO LONG FOR *keyword***

Explanation: The value you entered is too long for this *keyword*. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172725E EDM Logger command processor was expecting a value for *keyword*, found end of input or delimiter**

Explanation: You entered a keyword with no value, such as KEY=. You cannot use the specified keyword with a null value. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172726E EDM Logger command processor detected a missing string delimiter for *keyword***

Explanation: The PowerExchange Logger did not find an expected string delimiter for the specified command. To specify strings, use the X'00' or C'AA' format, where the characters after the X or C may be any character except a blank or semicolon. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command, and submit it again.

**PWXEDM172727E EDM Logger command processor detected a string delimiter missing or invalid for *keyword***

Explanation: The PowerExchange Logger did not find a string delimiter either at the end of the previous line or the beginning of the current line. When you continue a string across multiple lines, you must enter a string delimiter as the first non-blank character on each continuation line. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172728E EDM Logger command processor detected a null string for *keyword***

Explanation: The PowerExchange Logger found a null string, such as C' ' or X' ', for the specified keyword. This command does not allow null strings for this keyword. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command, and submit it again.

**PWXEDM172729E EDM Logger command processor detected invalid hexadecimal digits for keyword**

Explanation: The PowerExchange Logger found characters other than 0123456789ABCDEF in a hexadecimal string. For example, X'12G4' is invalid. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172730E EDM Logger command processor detected an odd number of hexadecimal digits for keyword**

Explanation: The PowerExchange Logger found an odd number of characters between the delimiters of a hexadecimal string. For example, X'123' is invalid. The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172731E EDM Logger command processor found that string starting character is invalid for keyword, must start with quote, C, or X**

Explanation: Some PowerExchange Logger keywords accept only delimited values. You can specify a delimited value using any of the following formats. The specified string did not conform to any of these formats.

- Enclose the value in single or double quotes, as in the following example:  
KEYWORD='VALUE'
- Specify a C, followed by the beginning delimiter, which is any special character including quotes, followed by the value, followed by the ending delimiter. For example:  
KEYWORD=C/VALUE/
- Specify an X, followed by the beginning delimiter, which is any special character including quotes, followed by the value expressed in hexadecimal, followed by the ending delimiter. The following is a valid example:  
KEYWORD=X'E5C1D3E4C5'

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172732E EDM Logger command processor detected a value for keyword that is too long**

Explanation: The PowerExchange Logger found that the value entered for the specified keyword was longer than the maximum length allowed.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172733E EDM Logger command processor detected a duplicate keyword keyword**

Explanation: The PowerExchange Logger found the same keyword twice in the command being processed. Duplicate keywords in a command are not allowed.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172734E EDM Logger command processor was expecting a comma, found *characters***

Explanation: The PowerExchange Logger expected to find a comma between the values for a keyword. Instead, it found the characters shown in this message.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172735E EDM Logger command processor was expecting a subcommand, found *characters* followed by "="**

Explanation: The PowerExchange Logger expected to find a subcommand. Instead, it found the specified characters, which are the next characters in the input stream, followed by an equal sign. These characters do not specify a subcommand. Possible reasons for this are:

- A comma missing between two keywords
- A level 2 command followed by an equal sign
- A misspelled subcommand

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172736E ABBREVIATION *abbreviation* IS AMBIGUOUS**

Explanation: A command, keyword, or value name abbreviation is too short. More than one keyword or command name begins with the specified characters.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172737E EDM Logger keyword *keyword* value must be between *low\_value* AND *high\_value***

Explanation: The PowerExchange Logger found a keyword value, which must be a number, outside the acceptable range.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172738E EDM Logger subcommand *subcommand* may only be used once in this command set**

Explanation: The PowerExchange Logger found the specified *subcommand* more than once in the command set. You can enter this subcommand only once in a single command set.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172739I FORMATTING OF THE LOG DATASET IS COMPLETE**

Explanation: The PowerExchange Logger utility has completed the pre-formatting of the log data set. Processing continues.

User Response: No response is required.

**PWXEDM172740E EDM Logger command processor was expecting a command, found *characters***

Explanation: The PowerExchange Logger expected to find a command. Instead, it found one of the following:

- A word that is not a command
- The END command
- The end of the input file
- Other invalid characters

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172741E EDM Logger command processor was expecting a subcommand, found *characters***

Explanation: The PowerExchange Logger expected to find a subcommand. Instead, it found either a word that is not a command or invalid characters. A KEYWORD=VALUE parameter must be followed by either a comma and another keyword, the END command, or a subcommand.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172742E EDM Logger command processor was expecting a command, found *command* followed by "="**

Explanation: The PowerExchange Logger expected to find a command. Instead, it found either a keyword or a command name, followed by an equal sign. Neither is valid.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command set, and submit it again.

**PWXEDM172743E Invalid state *reason* for EDMLCP00**

Explanation: The PowerExchange Logger received an invalid reason code from the command parsing routine.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172744E *keyword1=value1* is required when *keyword2=value2* is used**

Explanation: The PowerExchange Logger did not find the first keyword and value, which are required when the command set includes the second keyword and value that are displayed in this message.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Enter the command set with the required first keyword, or eliminate the second keyword.

**PWXEDM172745E Command structure is not compatible with [required | excluded | assumed] keyword**

Explanation: The PowerExchange Logger found a required, excluded, or assumed keyword or value that is not valid for the command structure. This error indicates an internal logic error in the command structure.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172746E The subcommand *subcommand* and keyword *keyword=value* are mutually exclusive**

Explanation: The PowerExchange Logger found a keyword or keyword=*value* that you cannot use with the specified subcommand.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct this command, and submit it again.

**PWXEDM172747E The subcommand *subcommand* is required when keyword=*value* is used**

Explanation: The PowerExchange Logger did not find the specified *subcommand*. This subcommand is required when you use the specified keyword or keyword and value.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Enter the command set either with the required subcommand or without the specified keyword.

**PWXEDM172768E Threshold% value for *phase\_name* higher than threshold% value for *phase\_name***

Explanation: Threshold values must be in order by phase. The monitor phase threshold must be less than or equal to the protect phase threshold which must be less than or equal to the overflow phase threshold.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct the command set and resubmit.

**PWXEDM172769E Reset% value greater than threshold% value for *subcommand-name***

Explanation: You specified a Reset% keyword value that was greater than the Threshold% value. This is not allowed.

System Action: The PowerExchange Logger ends processing of the current command set.

User Response: Correct the command and resubmit.

**PWXEDM172770E FORMAT UTILITY HAS ABORTED DUE TO ERROR IN RTN: *routine* RC: *return\_code* RSN: *reason\_code***

Explanation: The format utility (EDMLUTL0) for the PowerExchange Logger active log data sets has abended due to an error that occurred while formatting the data set. The routine in which the error occurred, and the hexadecimal value of the return code and reason code for the operation that failed, are included in the text of the message. The value for the routine could be one of the following:

- GETM-PGE GETMAIN
- GENCB GENCB (ACB)
- SHOW-OPN SHOWCB FIELDS=(ERROR)
- OPEN OPEN (ACB)
- SHOWCB SHOWCB FIELDS=(XENDRBA,XHALCRBA)
- SHOW-CLO SHOWCB FIELDS=(ERROR)
- CLOSE CLOSE (ACB)
- DSPSERV DSPSERV CREATE
- DIV-IDNT DIV IDENTIFY

- DIV-ACC DIV ACCESS
- DIV-MAP DIV MAP
- HSPSERV HSPSERV SWRITE
- DIV-SAV DIV SAVE

System Action: The utility is terminated.

User Response: Determine the cause of the failure from the return code and reason code that were issued for the failing operation, by consulting the appropriate IBM product documentation. If the problem cannot be identified, collect the output from the failing job, and contact Informatica Global Customer Support.

**PWXEDM172771E EDM Task *task\_name* has encountered an *error\_type* error with return code=*rc*, reason code=*reason***

Explanation: The PowerExchange Logger detected an unexpected condition with an unknown resolution.

System Action: The PowerExchange Logger ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172772W EDM Logger *logger\_name* is on the last active log, check EDMMSG for more information**

Explanation: The PowerExchange Logger processed its last active log, and has no more selectable logs left to process. Possible reasons for this include:

- A lack of archive space
- The capture process is occurring at a faster pace than the archival process

System Action: The PowerExchange Logger continues processing.

User Response: Verify if the capture process is occurring at a faster pace than the archival process, then increase the number of active logs.

**PWXEDM172773I *xcf\_member\_name* Current RBA = *current\_RBA* Oldest/RBA = *oldest\_RBA***

Explanation: This message is issued each time the DB2 for z/OS ECCR connects to or disconnects from DB2. It reports the z/OS cross-coupling facility (XCF) member name of the ECCR, the DB2 relative byte address (RBA) that the ECCR is currently processing, and the RBA of the oldest UOW in progress.

System Action: The ECCR continues processing.

User Response: No response is required. Retain this information if you plan to issue a STARTLOC command.



<b>PWXEDM172774I</b>	<b>Event Mark generated by ECCR <i>eccrname</i> for:</b> <b>DB2 QUIESCE of TABLESPACE <i>tablespace_name</i> at DB2 RBA/LRSN { <i>db2_rba</i>   <i>db2_lrsn</i> }</b> <b>- or -</b> <b>Finished with Plog copy <i>plog_dsn</i> , last time <i>date time</i></b> <b>EDP Logger RBA . . . . . : <i>loggerRBA</i></b> <b>Sequence number . . . . . : <i>seqNum</i></b> <b>Edition number . . . . . : <i>editionNum</i></b> <b>Source EDMNAME(s) . . . . . : <i>source_tagname</i></b>
Explanation:	<p>The PowerExchange Logger issues this message listing the contents of the event marker. The following events cause this message to be issued:</p> <ul style="list-style-type: none"> <li>• The DB2 ECCR sees a table space QUIESCE and sends an event marker to the PowerExchange Logger. The variables <i>db2_rba</i> and <i>db2_lrsn</i> represent the point in the DB2 log at which the QUIESCE is seen. If the DB2 logs are for a DB2 data-sharing system, then the value is a LRSN. Otherwise, the value is a RBA.</li> <li>• The Adabas ECCR finishes processing a PLOG. The variables <i>date</i> and <i>time</i> represent the date and time at which the Adabas ECCR finished processing the PLOG.</li> </ul>
System Action:	No response is required.
User Response:	<p>You can use the EDP Logger RBA and Sequence number values to construct a restart point for change data capture extraction processes. For more information on providing restart points for extraction processes, see the <i>PowerExchange CDC Guide for z/OS</i>.</p>
<b>PWXEDM172777E</b>	<b>EDM Logger received <i>record_type</i> record with no Begin_UOW from ECCR <i>eccr_name</i> for UOW <i>uowID</i>, SEQ= <i>seq_no</i></b>
Explanation:	<p>PowerExchange issues this error message each time it encounters a record from an ECCR where the ECCR had not provided the corresponding begin UOW record.</p> <p><i>Record_type</i> indicates the type of record and can have one of the following values:</p> <ul style="list-style-type: none"> <li>• BEGIN_PH1. begin-phase-1 record.</li> <li>• BEGIN_PH2. begin-phase-2 record.</li> <li>• END_PH2. end-phase-2 record.</li> <li>• CHANGE. change record.</li> </ul> <p><i>eccr_name</i> indicates the name of the ECCR.</p> <p><i>uowID</i> indicates the UOW ID of the UOW that was assigned by the ECCR.</p> <p><i>seq_no</i> indicates the ECCR-assigned sequence number for the record.</p> <p>This message is issued as a WTO, and the message also appears in the EDMSLOG file of the PowerExchange Agent.</p>
User Response:	<p>Check the JES2 log for previous messages from the PowerExchange Logger. Also examine the ECCR that provided the data for any previous messages. If you cannot determine the problem from previous messages, contact Informatica Global Customer Support and have the job step listings available.</p>

**PWXEDM172778W EDM Logger discarding duplicate Begin UOW from ECCR *eccrname* for UOW *uowsequencenumber***

- Explanation: PowerExchange Logger received a begin\_UOW record for which it already received the begin\_UOW: a duplicate begin\_UOW. The text of the message includes the UOWid assigned by the ECCR, as well as the name of the ECCR that supplied the record. This can occur on restart of any type 1 ECCR, the DB2 ECCR is the only type 1 ECCR, if the previous instance of the ECCR was not shutdown using the QUIESCE command.
- System Action: The following actions occur:
1. Warning message PWXEDM172778W is issued.
  2. The PowerExchange Logger ignores the begin\_UOW record and processing continues.
- User Response: Complete the following actions:
1. Check the JES2 log for previous messages from the EDML Logger. Also examine the ECCR that provided the data for any previous messages.
  2. Have the job step listings available if contacting Product Support.

**PWXEDM172779W EDM Logger retrying HSPSERV SREAD of block at RBA *rrrrrrrrrrrr*, found RBA *ffffffffffff***

- Explanation: For each Log Reader Process (LRP) task that connects to the PowerExchange Logger, there is an associated Log Reader subtask in the PowerExchange Logger that reads the active and archive log data and passes it to the LRP task. Occasionally, after a Logger switches active log data sets, a user abend U3035 occurs in a Log Reader subtask that is reading data from the new active log data set. The abend can either be with reason code 0033FF05, or with reason code 00D6FF14, if fix 300074 is installed. An abend0C4 after label READ1065 in EDMLLRD0 can also occur. The reason for these abends is that an HSPSERV SREAD operation has returned a page containing all zeros, for a page that had previously been read. This is a problem that is described in IBM APAR OW56713. Because there is no fix currently available for APAR OW56713, logic was added to detect the condition, and to retry the HSPSERV SREAD operation, up to 100 times.
- System Action: Each time the retry is required, message 172779 is issued. The "found RBA" value *ffffffffffff* will most likely be zero. If the condition persists after 100 retries have been done, the Log Reader subtask of the PowerExchange Logger will abend with user abend U3035 and reason code 00D6FF14. This will cause the PAC jobs containing the associated LRP tasks to terminate. However, the PowerExchange Logger address space will NOT terminate, and the PowerExchange Logger will continue writing data to the active log that it receives from ECCRs.
- User Response: Restart any terminated PAC jobs.

**PWXEDM172780E Wrong RBA found in log record in DSN=*archive.log.dataset.name*. Expected RBA *eeeeeeeeeeee*, found RBA *ffffffffffff***

- Explanation: The EDM Logger was processing data in an archive log data set, but encountered a log record whose internally-recorded RBA was not the value that was expected. Because each log record has a constant amount of data, 4 KB, the RBA recorded in each record should increase by a constant value of X'1000'. The archive log data set in which this condition was found, the RBA that was expected to be found, and the RBA value that was actually found, are all included in the message. This is most likely the result of an I/O error in reading or writing the archive log data set.

**System Action:** The following actions occur:

1. Error message identified as PWXEDM172780E issued.
2. The Logger task that encountered this error ends. If this was a task that was reading log data for a log reader process, this will cause the associated log reader process to terminate as well. If this occurs during initialization of the PowerExchange Logger, the PowerExchange Logger address space will terminate.

**User Response:** Examine the status of the log data set that had the error. Try reading the data set yourself to see if the error is permanent or temporary. If the error seems permanent, you may need to use the corresponding secondary log data set to recreate the failing primary log data set. You can then restart the log reader process that failed, or the PowerExchange Logger itself, if the failure occurred during Logger initialization. If you cannot correct the problem, contact Informatica Corporation Product Support.

**PWXEDM172781E Missing data at EOF on log *dataset archive.log.dataset.name*. Expected last RBA eeeeeeeeeeee, found RBA ffffffffffff**

**Explanation:** The EDM Logger was processing data in an archive log data set, and encountered the end of the data set. However, the last log record read did not have the RBA value that was expected. The RBA range in each log data set is recorded in the Restart data sets, but the last log record read did not have the ending RBA recorded for this log data set. So, data that should have been found in the log data set is missing. The archive log data set in which this condition was found, the RBA that was expected to be found, and the RBA value that was found in the last record read, are all included in the message. This is most likely the result of an I/O error in reading or writing the archive log data set.

**System Action:** The following actions occur:

1. Error message identified as PWXEDM172781E issued.
2. The Logger task that encountered this error ends. If this was a task that was reading log data for a log reader process, this will cause the associated log reader process to terminate as well. If this occurs during initialization of the PowerExchange Logger, the PowerExchange Logger address space will terminate.

**User Response:** Examine the status of the log data set that had the error. Try reading the data set yourself to see if the error is permanent or temporary. If the error seems permanent, you may need to use the corresponding secondary log data set to recreate the failing primary log data set. You can then restart the log reader process that failed, or the PowerExchange Logger itself, if the failure occurred during Logger initialization. If you cannot correct the problem, contact Informatica Corporation Product Support.

**PWXEDM172782E ACTIVE LOG DATASET IS TOO LARGE**

**Explanation:** The format utility (EDMLUTL0) for the PowerExchange Logger active log data sets has abended because the size of the active log data set it was provided exceeds the maximum size allowed for active log data sets. Due to restrictions imposed by the DSPSERV function, the maximum number of 4k blocks in the data set is 524,288. This corresponds to 2,912 cylinders, for a 3390 device, or 3,495 cylinders, for a 3380 device.

**System Action:** The format utility ends.

**User Response:** Delete the active log data set, and recreate it with a smaller number of cylinders, then rerun the format utility.

**PWXEDM172783W    Logger temporarily in single log mode, using [primary | secondary] log  
active.log.dataset.name**

- Explanation:        The Physical Logger encountered an error when trying to allocate or initialize an active log data set. Messages will have been issued previously to identify exactly what type of problem occurred. This message will only be issued if dual logging has been specified for active log data. The message identifies which data set is used as the active log data set, and whether that is the primary or secondary active log.
- System Action:      The Logger will temporarily switch to single logging mode, but will continue operating normally otherwise. The Logger will resume dual logging mode when it switches to the next pair of active logs, assuming that both the primary and secondary active logs can be allocated and initialized.
- User Response:      Investigate the earlier messages that indicate why the primary or secondary active log could not be used, and take any corrective action they indicate. If you cannot correct the problem, contact Informatica Corporation Product Support.

**PWXEDM172784E    Attach failed for module *load\_module* return code=x'nnnnnnnn'**

- Explanation:        The Physical Logger encountered an error when it attempted to ATTACH a load module needed for its processing. The message identifies what load module it was attempting to ATTACH, as well as the return code received from the operation.
- System Action:      The Logger will terminate abnormally.
- User Response:      Investigate the reason for the failure in the ATTACH macro, using appropriate operating system documentation, along with any other messages that may have been issued in conjunction with this problem. If you cannot correct the problem, contact Informatica Corporation Product Support.

**PWXEDM172785E    Logger subtask terminating for program *program\_name*, Return code=*return\_code***

- or -

**Logger subtask terminating for program *program\_name*, Abend code=  
{Ssss|Uuuuu}, Reason code=*reason\_code***

- Explanation:        The Logger attaches several subtasks, and monitors their status. If any of the subtasks ends abnormally, either by abending, or by setting a non-zero return code, this message may be issued to indicate that the abnormal termination occurred. This message is issued as the PowerExchange Logger is ending.
- The message identifies which program was attached (*program\_name*) that terminated abnormally, as well as the system (Ssss) or user (Uuuuu) abend code and associated abend reason code (*reason\_code*), that was encountered, in the case of an abend, or the return code (*return\_code*) in the case of a non-zero return code being detected.
- The system abend code (Ssss), the reason code (*reason\_code*) and the return code (*return\_code*) are all expressed in hexadecimal. The user abend code (Uuuuu) is in decimal.
- Note:** *program\_name*, *return\_code*, *sss*, *uuuu* and *reason\_code* are substitution variables.
- System Action:      The Logger continues termination. PowerExchange issues this message when the PowerExchange Logger ends abnormally or normally.

User Response: Investigate any earlier messages that might indicate why a subtask might have abended or set a non-zero return code. Determine the reason for the abend or non-zero return code, using product documentation, along with appropriate operating system documentation, if necessary. If you cannot determine the reason for the problem, contact Informatica Global Customer Support.

**PWXEDM172786E** *global\_queue\_function* call to global queue *global\_queue\_dsn* failed. RC=*return\_code*, Reason=*rsn\_code*

Explanation: The Logger encountered an error while processing the global circular queue, *global\_queue\_dsn*, it uses to send or receive data.

Global queues are used to pass data between address spaces. The function that encountered the error, the name of the global circular queue, the return code, and reason code that were encountered for the function in question are all included in the message text.

The possible function calls are:

- CLOSE
- CREATE
- DELETE
- GET
- OPENINL
- OPENOUT
- PUT
- SETEOF

System Action: The Logger ends abnormally.

User Response: Investigate the reason for the failure in the function call, using any other messages that may have been issued, along with appropriate operating system documentation, if necessary. If you cannot correct the problem, contact Informatica Corporation Product Support.

**PWXEDM172787I** **Number of active log datasets currently available: Primary=pppp, Secondary=ssss**

Explanation: This message is issued as a result of the Display command for OBJECT=LOG and TYPE=ACT or TYPE=ALL, when the status of active log data sets is requested. Because some of the active log data sets may require archive activity before they can be used to record more data, not all of the active log data sets that are shown in the output of the 172679 message, which is also produced by this form of the DISPLAY command, are actually available. This message summarizes how many active log data sets ARE available to record more data. The CURRENT active log data sets, which are the ones with the status of "in-use" in message 172679, are considered as available until they become full.

System Action: Processing continues normally.

User Response: This is an informational message. No user action is required normally. If not all of the defined active log data sets are available, it may be that they are not being archived in a timely manner. Look for other messages that might indicate why the archive process is not completing.

**PWXEDM172788E All active log datasets with Startrba=rrrrrrrrrr are unusable**

**Explanation:** This message is issued when a primary active log data set, and a secondary active log data set, if dual logging has been configured for active log data sets) has been found that has been assigned the desired starting RBA, but no active log data set that DOES have that starting RBA is usable. An active log data set that has been assigned this starting RBA is needed because the active log data set or data sets that contained the previous RBA range have become full. The starting RBA that was being looked for is included in the text of the message. Possibly the initialization of the active log data set failed when the PowerExchange Logger was trying to switch to it, in which case message 172642 will have been issued to document the error that occurred.

Or, the active log data set may have become unusable during some previous execution of the PowerExchange Logger, in which case it will have had the status "STOP" when the PowerExchange Logger was started. The status of the active logs can be seen using the PowerExchange Logger DISPLAY command.

**System Action:** The Logger ends abnormally.

**User Response:** Investigate the reason for the failure in the active log data set, using any other messages that may have been issued, along with appropriate operating system documentation, if necessary. You can also issue the PowerExchange Logger DISPLAY command in batch mode to determine the status of all the active log data sets that are defined. See member #DISPLOG in the SAMPLIB data set for sample JCL to do this. It may be possible to delete the active log data set that has been assigned the specified starting RBA, and the corresponding secondary active log data set, if applicable, using the DELETE\_LOG command in a batch invocation of the PowerExchange Logger, similar to SAMPLIB member #DISPLOG, in which case the PowerExchange Logger might be able to be restarted. If you cannot correct the problem, contact Informatica Corporation Product Support.

**PWXEDM172789W Logger *logger\_operation* operation for queue *queue\_name* failed for address\_space\_name with return code=*return\_code*, reason code=*rsn\_code***

**Explanation:** This message is issued when the PowerExchange Logger has attempted an operation on an internal queue, and the return code from the operation indicated that the operation was not successful. The Logger was either processing a message FROM another address space, or attempting to send a message TO another address space, when the error occurred.

The variable *logger\_operation* has one of the following values:

- Add (Phase1)
- Add (Phase2)
- Delete (UOW)
- Delete (ECCR)
- Delete (LogRdr)
- Add (TermEccr)
- Add (StopEccr)
- Add (StopLogRdr)
- Initialize (EDMNAME)
- Add (EDMNAME)
- Term (EDMNAME)

The variable *queue\_name* has one of the following values:

- GBLXCFQCB
- GBLUQQCB
- GBLINQQCB
- OUQEDMQCB

The type of operation that was attempted, the name of the internal queue, the identification of the other address space, and the return code and reason code from the failed operation, are all included in the text of the message.

**System Action:** Processing continues. However, if the PowerExchange Logger was processing a message it received, it will drop the message, and if the PowerExchange Logger was attempting to send a message to another address space, the message is not sent. In either case, this may leave other address spaces in an unexpected wait condition.

**User Response:** Investigate the reason for the failure the PowerExchange Logger experienced in processing the message it received, or in sending a message, using any other messages that may have been issued, including those issued from other address spaces, including log readers or ECCRs. You may also need to refer to appropriate operating system documentation, if appropriate. If you cannot identify and correct the problem, contact Informatica Corporation Product Support.

**PWXEDM172790W *command\_name* command sent by log reader agent *log\_reader* to Logger *logger\_id* discarded, *reason\_text***

**Explanation:** The PowerExchange Logger has received an encoded command from another address space, but is unable to process the encoded command because it encountered an error while trying to do so.

The messages includes the following variables:

- *command\_name*. Identifies the encoded command that was being processed, which is Resource Interest List.
- *log\_reader*. Identifies the token for the log reader address space that sent the encoded command
- *logger\_id*. Identifies the PowerExchange Logger ID
- *reason\_text*. Describes the error that occurred while trying to process the encoded command and has one of the following values:
  - No matching signed on reader
  - Resource Interest List after REQTRN
  - Encoded command not a request
  - List type is not EDMNAMEs
  - List contains domain names
  - List contains target names
  - List contains category data
  - \$EDMCHN error

**System Action:** Processing continues. However, the PowerExchange Logger drops the encoded command, which might leave the log reader address space in an unexpected wait condition and result in that address space timing out.

User Response:	Investigate the reason for the problem described in the message text, by using any other messages that may have been issued such as those issued from the log reader or any ECCRs. You may also need to refer to operating system documentation. If you cannot identify and correct the problem, contact Informatica Global Customer Support.
<b>PWXEDM172791I</b>	<b><i>command_name</i> command from log reader agent <i>log_reader</i> with <i>num_names</i> name(s) successfully</b>
Explanation:	The PowerExchange Logger has received a Resource Interest List encoded command from a log reader address space and has processed it successfully. The Resource Interest List encoded command provides the PowerExchange Logger with a list of EDMNAMEs in which the log reader is interested. The PowerExchange Logger uses this list to filter change records for other EDMNAMEs from the log data so that only change records of interest are sent to the log reader address space. This filtering reduces resource consumption in the log read process in the log reader. The message includes the token name of the log reader address space in the <i>log_reader</i> variable and the number of EDMNAMEs in the Resource Interest list in the <i>num_names</i> variable.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172798I</b>	<b><i>generic_message</i></b>
Explanation:	This is a PowerExchange Logger informational message.
System Action:	Processing continues.
User Response:	Respond to the message, if applicable. Otherwise, no response is required.

## PWXEDM172800E to PWXEDM172894W: Change Interface Component (CIC)

<b>PWXEDM172800E</b>	<b>Error in module '<i>module</i>' offset <i>Xnumber</i>'. <i>text</i></b>
Explanation:	The change interface component (CIC) detected an error in the specified module at the specified offset. This message can occur when columns are added to SYSTABLES. Additional information about the type of error returned is shown in the text portion of the message.
System Action:	Processing ends.
User Response:	Collect all available information about the termination, and contact Informatica Global Customer Support.
<b>PWXEDM172801E</b>	<b>process failed. Return code=<i>rc</i>, Reason code=<i>reason</i>. <i>Text</i></b>
Explanation:	The issuing program called a service or function that returned a nonzero return code. Additional information about the type of error returned are shown in the text portion of the message.
System Action:	Processing ends.



User Response: Check the JES message log and the EDMMSG message log for previous error messages that relate to this error. If this message shows an IBM return code, see the IBM messages and codes documentation that applies to your subsystem. Collect all available information about the termination, and contact Informatica Global Customer Support.

PowerExchange issues reason codes from encoded commands that pass between program modules. Some of these reason codes are displayed in the messages you see when an error occurs.

**PWXEDM172802E Service task ended prematurely. Completion code=*rc*, Reason=*reason*. Program=*program***

Explanation: The PowerExchange common service environment contains a variety of subtasks, such as message and trace, that must remain active until they are explicitly shut down. One or more of these subtasks ended prematurely.

System Action: PowerExchange issues reason codes from encoded commands that pass between program modules. Some of these reason codes are displayed in the messages you see when an error occurs.

Processing ends.

User Response: Check for previous error messages that relate to this error. Collect all available information about the termination, and contact Informatica Global Customer Support.

**PWXEDM172803E EDM Agent is not active and STEPLIB is not APF-authorized**

Explanation: Certain execution environments require the PowerExchange Agent to run in supervisor state. The PowerExchange Agent must be active, or the job must be executed from an APF-authorized library.

System Action: Processing ends.

User Response: Make the PowerExchange Agent active or execute the job from an APF-authorized library. If any unauthorized libraries are included in the STEPLIB concatenation, APF-authorization is dropped for all of them.

**PWXEDM172804E Unable to LOAD module *module***

Explanation: The specified module could not be found in the JOBLIB/STEPLIB concatenation.

System Action: Processing ends.

User Response: Verify that all required load libraries are in the JOBLIB/STEPLIB concatenation.

**PWXEDM172805E DD *ddname* is missing**

Explanation: The specified DD statement, which is required, is missing.

System Action: Processing ends.

User Response: Provide the specified DD statement, and run the job again.

**PWXEDM172806E Unable to OPEN DD *ddname***

Explanation: The change interface component (CIC) could not OPEN the file specified in the DD statement.

System Action: Processing ends.

User Response: See any previous error messages related to this error to determine why the OPEN failed. Then, correct the problem, and run the job again.

<b>PWXEDM172807E</b>	<b>ABEND issued by <i>function</i>, Abend code=<i>abend_code</i>, Reason code=<i>reason_code</i>. text.</b>
Explanation:	The specified function ended abnormally with the specified abend code and reason code. Report text with more information follows.
System Action:	Processing ends.
User Response:	Review the preceding messages that are related to this error. After you collect all available information about the error, contact Informatica Global Customer Support.
<b>PWXEDM172808I</b>	<b>Change Capture active for object [<i>attributes</i>] Edition=<i>edition_number</i> EDMNAME=<i>edmname</i></b>
Explanation:	The Change Interface Component (CIC) issues this message when it activates an environmental change capture routine (ECCR) for a source database or file. It identifies the edition number and EDMNAME of the object. The message may also provide additional attributes for the object, such as the IMS segment name. Additional messages that follow this one provide information about the captured changes for the specified object.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172809I</b>	<b>Change Capture counts for <i>object</i>: Insert=<i>n</i>, Update=<i>n</i>, Delete=<i>n</i></b>
Explanation:	The PowerExchange Agent issues this message after running an environmental change capture routine (ECCR) to show the record counts of how many records were inserted, updated, and deleted for the primary data source specified in object.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172810E</b>	<b>XCF function in error. Return code=<i>rc</i>, Reason code=<i>reason</i>. Group=<i>'group'</i>, Member=<i>'member'</i>.</b>
Explanation:	The indicated Cross-System Coupling Facility (XCF) function for the specified member encountered an error. The return code and reason code are provided. The return and reason codes are documented in the IBM sysplex services documentation.
System Action:	The job step attempts to recover the failing job, and the job remains active to process other requests.
User Response:	Check for previous error messages related to this error. Collect all available information about the message, and contact Informatica Global Customer Support.
<b>PWXEDM172811I</b>	<b>XCF is in local mode only</b>
Explanation:	The Cross-System Coupling Facility (XCF) is active but is not using the coupling facility hardware.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172812E</b>	<b>Unable to establish XCF connection to EDM Logger (<i>loggerid</i>)</b>
Explanation:	The job was unable to contact the specified PowerExchange Logger through the Cross-System Coupling Facility (XCF) interface.
System Action:	The job ends.

User Response: Make sure the PowerExchange Logger is running. If it is, make sure the terminated job and the PowerExchange Logger are using the same default configuration options (EDMSDIR).

**PWXEDM172813E *call\_type* call to global queue *global\_queue\_ID* failed. RC=*rc*, Reason code=*reason*.**

Explanation: Global queues are used to pass data between address spaces. A call to the global queue service failed. The type of call can be CREATE, DELETE, OPEN, CLOSE, GET, PUT, or SETEOF.  
The job ends.

User Response: Check for previous error messages related to this error. Collect all available information about the termination, and contact Informatica Global Customer Support.

**PWXEDM172814E CIC circular queue manager received a record with an invalid IPC header from *program***

Explanation: The specified program passed a record with an invalid header to the change interface component (CIC) circular queue manager.

System Action: Processing ends.

User Response: Collect all available information about the termination, and contact Informatica Global Customer Support.

**PWXEDM172815E EDM Agent is required**

Explanation: This job uses certain PowerExchange facilities, such as global queues, that require the PowerExchange Agent.

System Action: Processing ends.

User Response: Start the PowerExchange Agent, and run the job again.

**PWXEDM172816E EDM Logger (*loggerid*) terminated abnormally while an ECCR was active**

Explanation: While an environmental change capture routine (ECCR) was active, the change interface component (CIC) received notice through the Cross-System Coupling Facility (XCF) that the PowerExchange Logger terminated.

System Action: Depending on the value of the system global parameter, CCERR, one of the following actions occur:

Explanation: The job continues but PowerExchange Change stops. You will lose any changes in progress. (CCERR=CONT)

Processing ends. (CCERR=ABEND)

User Response: Determine what caused the PowerExchange Logger to terminate, correct the problem, and restart the PowerExchange Logger.

**PWXEDM172817E EDM ECCR received TERMINATE command from EDM Logger *loggerid***

Explanation: While an environmental change capture routine (ECCR) was active, the change interface component (CIC) received a TERMINATE command from the PowerExchange Logger. This could be caused by a user stopping the PowerExchange Logger.

System Action: The ECCR ends.

User Response: Determine what caused the PowerExchange Logger to terminate. Correct the problem, and start the PowerExchange Logger again.

**PWXEDM172818I    *status* XCF group '*group*' as member '*member*'**

Explanation:        The specified job either joined or left a Cross-System Coupling Facility (XCF) group. The environmental change capture routines (ECCRs) use the XCF to communicate with the PowerExchange Logger.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172819I    XCF group '*group*' *status* by member '*member*'**

Explanation:        The job was notified through the Cross-System Coupling Facility (XCF) that another job, indicated by *member*, either joined or left the designated XCF group. The variable *status* indicates whether the job joined or left the group. The environmental change capture routines (ECCRs) use the XCF to communicate with the PowerExchange Logger.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172820I    Change Capture initialized for DB2 on V8.1.0 - *ssid*(*x*)**

Explanation:        This informational message is issued to document the software level of the DB2 capture environment in which the ECCR has been initialized.

The message text contains the following variables:

- *ssid* is the subsystem ID.
- *x* specifies the mode of the DB2 V8 subsystem and is one of the following values:
  - **C.** Compatibility mode.
  - **E.** Enabling-New-Function mode.
  - **N.** New-Function mode.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172821E    XCF member '*member*' already active in group '*group*'**

Explanation:        The job attempted to join a Cross-System Coupling Facility (XCF) group using a member name that already exists. This is usually the result of an attempt to start a PowerExchange Logger with a logger ID that is already active.

System Action:      Processing ends.

User Response:      Make certain that the logger ID specified in your startup JCL is the one you want to start. If not, edit and run the startup JCL. If the logger ID specified in your start-up JCL is the one you want to start and you are trying to perform maintenance on your logs, you must first stop the active PowerExchange Logger. Examples of such maintenance tasks are:

- Adding, moving, or changing the size of active logs.
- Recovering damaged logs or restart data sets.
- Deleting archived logs.

Contact Informatica Global Customer Support.

<b>PWXEDM172822I</b>	<b>EDM Global Directory <i>name</i> loaded from <i>dsname</i>, Agent Id=<i>agentid</i>, Logger Id=<i>loggerid</i></b>
Explanation:	The global directory (EDMSDIR), which contains global processing options, was loaded from the specified data set. PowerExchange Change will use the PowerExchange Agent and PowerExchange Logger specified by <i>agentid</i> and <i>loggerid</i> in this message.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172823W</b>	<b>Unable to connect to EDM Agent <i>agentid</i>, RC=<i>rc</i>, Reason code=<i>reason</i></b>
Explanation:	The job or component issuing this message was unable to contact the specified PowerExchange Agent.
System Action:	The job or component continues processing without the PowerExchange Agent services.
User Response:	Verify that the job or component is trying to connect to the correct PowerExchange Agent. Verify that your PowerExchange Agent startup procedure is correct and that it was started correctly.
<b>PWXEDM172824W</b>	<b>EDM Change Capture waiting on [the Logger's queue   the ECCR-to-CIC queue] since <i>datetime</i>. Using EDM Logger <i>loggerid</i>.</b>
Explanation:	The job or component issuing this message has filled the queue used to send changed data to the PowerExchange Logger.
System Action:	Processing continues.
User Response:	To determine the reason for the wait, note any PowerExchange Logger messages displayed to the console. Take any corrective action indicated by these additional messages.
<b>PWXEDM172825W</b>	<b>UOWs are waiting on EDM syncpoint; see EDM log</b>
Explanation:	The job issuing this message contains some units of work that are waiting on PowerExchange Change to complete sync point processing.
System Action:	Processing continues.
User Response:	To determine the reason for the wait, check the EDMMSG data set and any PowerExchange Logger messages displayed to the console. Take any corrective action indicated by these additional messages.
<b>PWXEDM172826W</b>	<b>Following unit-of-work has been waiting on {Phase 1 syncpoint processing Phase 2 syncpoint processing} since <i>datetime uowid</i></b>
Explanation:	The specified unit of work is waiting on the specified commit processing phase. This message is preceded by message PWXEDM172825.
System Action:	Processing continues.
User Response:	To determine the reason for the wait, check the EDMMSG data set and any PowerExchange Logger messages displayed to the console. Take any corrective action indicated by these additional messages.
<b>PWXEDM172828E</b>	<b>EDM Logger returned error during {Phase 1 syncpoint Phase 2 syncpoint 'resolve in-doubt'} processing, return code=<i>rc</i>, Reason code=<i>reason</i>. Unit-of-work id follows: <i>uowid</i></b>
Explanation:	The PowerExchange Logger generated a non-zero return code during the specified process. The ID for the affected unit of work is displayed.
System Action:	Processing continues.

User Response: To determine the cause of the error, check the EDMMSG data set and any messages displayed by the PowerExchange Logger.

**PWXEDM172829I EDM ECCR sent *n* records to Logger *loggerid* (*m* change records)**

Explanation: This message provides a count (*n*) of the records sent from the ECCR to the specified PowerExchange Logger. It also displays how many of these records were changed records (*m*). The remaining records are unit of work header/trailer records.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172830I module loaded at *address***

Explanation: The specified module was loaded at the specified address.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172831I Capture Status {not resolved|resolved as inactive} for *structure\_name*, DEST=SUBSYS**

Explanation: This message is issued by the CIC component of IMS online capture when either a repository call to determine capture status failed or when resolution of capture status occurs after a repository call failure.

System Action: If the capture status is undetermined and CCERR=ABEND is specified in the EDMSDIR parameters, transactions that attempt to UPDATE the database will ABEND with a U4094.

User Response: Determine why the repository call failed by checking the PowerExchange Agent status and the PowerExchange Agent message log (EDMSLOG). Take the necessary action to correct the problem. The status of all undetermined databases is resolved when the next database OPEN initiates a repository call. If the cause of the error cannot be determined, contact Informatica Global Customer Support.

**PWXEDM172841I EDM ECCR *job* {connected to|disconnected from} EDM Logger *loggerid*, Log RBA=*log\_rba***

Explanation: The change capture routine identified by the specified job or IMS ID (*job*) connected to or disconnected from the specified PowerExchange Logger. The *log\_rba* indicates the starting position in the log for the connection.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172842E DB2 ECCR terminating due to prior logger failure**

Explanation: The DB2 ECCR is ending because its connection to the PowerExchange Logger was disrupted. Without a connection to the PowerExchange Logger, data might be lost.

System Action: Processing ends.

User Response: Restart the PowerExchange Logger. Restart the DB2 ECCR using the START WARM statement. This allows the DB2 ECCR to synchronize with the PowerExchange Logger.

**PWXEDM172843I Resolve-in-doubt: UOW=*uowid*, Func=Abort, Return code=*rc*, Reason code=*reason***

Explanation: This message provides the results of a resolve-in-doubt call from IMS. It indicates that the specified unit of work had to be aborted due to errors during sync point processing. The reason and return codes provide additional information about the error.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172844W Following unit-of-work failed during {Phase 1|Phase 2} syncpoint processing, Reason code=reason**

Explanation: A unit-of-work was told to abort because of a prior error.

System Action: The unit-of-work abends.

User Response: See associated messages issued for cause of the error.

**PWXEDM172845I Reply is "value"**

Explanation: An operator responded with the specified *value*.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172846W Following unit of work was {committed|aborted} during restart processing, SUBSYSTEM=sysid, TOKEN=uowid.**

Explanation: This message indicates the status of in-doubt units of work during restart processing in a CICS/DBCTL environment.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172847W Following unit of work requires manual resolution, SUBSYSTEM=sub\_system TOKEN=UOWID.**

Explanation: This message indicates that the UOW identified by the sub\_system and UOWID variables is in doubt and requires intervention to resolve.

System Action: Processing continues.

User Response: You must manually resolve the UOW in question. If IMS is in doubt, issue the IMS /CHANGE command, with the CCTL and PRTKN options to resolve the UOW. For more information about this command, see the IBM IMS documentation. If IMS is not in doubt, issue the PowerExchange Logger RESOLVE\_INDOUBT command to resolve the UOW. For more information about this command, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM172848W EDMCIRDB COULD NOT OBTAIN STORAGE**

{EDMCIRDB-IMS ESS CALL TO IMS DBC FAILED|  
EDMCIRDB-GETMAIN FAILED IN IDENTIFY|  
EDMCIRDB-FREEMAIN IMS AREA DID NOT WORK |  
EDMCIRDB-IDENTIFY GETMAIN NEW AREA ERROR|  
EDMCIRDB-KEY 7 STORAGE GETMAIN ERROR|  
EDMCIRDB-FREEMAIN KEY 7 BAD}

Explanation: This message indicates a critical error occurred in the module EDMCIRDB. The module could not get storage space necessary for processing. If the module can detect a specific reason for the failure, it displays one of the messages that explain why storage could not be obtained.

System Action: Processing continues, but resolve-in-doubt processing is not available.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172849I EDMCICRG: *environment\_type* RET=*rc*, RSN=*reason*, *structure\_name***

Explanation: This informational message is written to the PowerExchange Agent log data set each time the CIC checks the PowerExchange repository for changes to the specified structure. The environment type, DB2, IMS, or VSAM, is issued with this message. The return and reason codes provide additional information about the structure and the capture process.

The following return codes can be issued with this message:

- 0. The specified structure is registered in the PowerExchange repository.
- 8. The specified structure is not registered in the PowerExchange repository.

The following reason codes can be issued with this message:

- 1701. The registration check failed for an unknown reason.
- 1702. No structure profiles exists.
- 1703. There are no profiles for the category type
- 1704. There are no profiles that match the specified name.
- 1705. The structure is not active for the requested time.
- 1706. There is no object profile for the specified structure.
- 1707. The capture flag is not active for the specified structure.
- 1708. A registration check for a DB2 or IMS resource type has been made in the wrong mode (internal error). Contact Informatica Global Customer Support.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172850E Logger *loggerid* is on system *sysid1*, *jobid* is on system *sysid2***

Explanation: The job identified by *jobid* must run on the same system as the PowerExchange Logger identified by *loggerid*. For example, an ECCR must run on the same system as its associated PowerExchange Logger.

System Action: The specified job ends.

User Response: Get the PowerExchange Logger ID associated with the job from the default configuration options, EDMSDIR. The system IDs are usually defined in the System Management Facility (SMF) member of SYS1.PARMLIB. Use one of the following methods to correct the error:

- Move the job to the PowerExchange Logger system and run it again.
- Initiate a PowerExchange Logger on the system where the job was run, and edit the job to point to the new PowerExchange Logger.

**PWXEDM172851W EDMXMSGX unable to acquire lock, message skipped**

Explanation: The IMS ECCR attempted to issue a message, but the message formatter was busy. In an IMS ECCR environment, messages must be issued one at a time.

System Action: Processing continues. A message from the IMS ECCR is lost. The error might have occurred in an IMS BMP or MPP region.

User Response: Check IMS BMP and MPP regions for messages that might require a response. For information on IMS messages, see the appropriate MVS publication for a description of the IMS messages codes.



**PWXEDM172852I Options in effect:**

Explanation: When you start an ECCR or other component, PowerExchange issues a report that shows the options in effect for that component. This message text introduces that report. Depending on the component, the following options can be listed:

- Default options specified in EDMSDIR
- DFSESL DD statement options

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172853I Change Capture counts for object Segment=segment\_name, ISRT=n, REPL=n, DLET=n**

Explanation: This message shows the IMS DBD name for which the ECCR captured changes. The message identifies the IMS segment and the totals for each type of captured change.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172854I Segment=segment\_name, Segment Code=segment\_code, ISRT=n, REPL=n, DLET=n**

Explanation: This message follows PWXEDM172853 and shows capture counts by segment for an IMS ECCR. The message number is not shown.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172855I Edition=n, EDMNAME=edmname**

Explanation: This message follows message PWXEDM172808 and shows the EDMNAME for the data being captured. The message number is not shown.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172856I Segment=segment\_name, SegCode=segment\_code, Edition=n, EDMNAME=edmname**

Explanation: This message follows message PWXEDM172808 and shows the EDMNAME for the data being captured. This message is used to show the EDMNAME for segments in an IMS database. The message number is not shown.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172857E EDM Agent agentid {has not been started|is not active}**

Explanation: The PowerExchange Agent is not active. The PowerExchange Agent must be running to perform change captures.

System Action: Processing ends.

User Response: Start the PowerExchange Agent, and try the job again.

**PWXEDM172863I Counts for CIC internal data queue; Record count=nnnn, queue full count=nnnn, queue empty count=nnnn**

Explanation: This informational message describes the number of times a task waited on either a full queue or an empty queue.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172865E No active profile found. Function='02'**

Explanation: The EDMFUNC module was called with a command of '02'. No active registered object was found in the PowerExchange repository.

System Action: The EDMFUNC module returns a nonzero return code and processing ends.

User Response: You must register and activate one or more objects in the PowerExchange repository before you can run the change capture process.

**PWXEDM172872W DD ddname {not allocated, already existed | not deallocated, did not exist}.**

Explanation: The dynamic allocation service could not either allocate the DD because it already existed or deallocate the DD because it did not exist.

System Action: Processing continues.

User Response: Use any messages issued after this message to determine whether any action is necessary. If no messages are issued, no action is necessary.

**PWXEDM172873I The following ZAPs have been applied:**

Explanation: This message precedes a line that shows which ZAP modifications have been incorporated into the PowerExchange code.

System Action: Processing continues.

User Response: No response is required. This information may be requested by Informatica Global Customer Support.

**PWXEDM172874E Changed data lost for EDMNAME=edmname {due to failing logger|due to updates during logger failure|recovery needed on target object} (mm/dd/yyHH:MM:SS)**

Explanation: This message is issued by CIC when the PowerExchange Logger ends abnormally and the CCERR keyword is specified as CONTINUE. The EDMNAME displayed in the message indicates the target with lost change data status. The date and time of the last update made against an object, IMS segment or VSAM data set, is displayed between the brackets () in the error message text. The three variations of message text, indicated in curly braces {message\_text} are as follows:

- **due to failing logger.** The most common type of message text returned for this error. This message is asynchronous, with notification from XCF that the logger has ended.
- **due to updates during logger failure.** PowerExchange Logger terminated during send and was discovered later. It is possible to get both messages, due to failing logger and due to updates during logger failure.
- **recovery needed on target object.** This message indicates that the PowerExchange Logger terminated with a database or file open and recovery is needed. With this type of message, the date and time may be omitted, and will show as empty parenthesis.

System Action: This message is followed by the warning message PWXEDM172875W. Data capture processing continues despite the data loss.

User Response: This message indicates that changes have been made to the source that have not been captured, which could result in the target being out of sync with the source component. You might need to repopulate or recover the target from the indicated time stamp.

**PWXEDM172875W Number of targets with CMD recovery needed status=N**

Explanation: This message indicates the total number (N) of Source objects or segment names that are out of sync with their targets as a result of continued updating during an outage of the PowerExchange Logger.

System Action: Processing continues.

User Response: This message indicates the total number of CDM Source objects that are out of sync with their targets. The target needs to be repopulated or recovered from the indicated time stamp before the source and objects are synchronized.

**PWXEDM172876W Unable to record recovery needed status for EDMNAME=edmtime, RC=rc, Reason=reason**

Explanation: The system is unable to record a recovery needed status for a given PowerExchange object, due to failure on the repository data set.

System Action: Processing continues. The instance of lost changed data is not recorded in the repository for the displayed object.

User Response: See the preceding messages to determine the reason for failure.

**PWXEDM172877E Unable to load module. EDMSDIR must be in EDMPARMS or STEPLIB dataset**

Explanation: The system is unable to load the EDMSDIR from either the EDMPARMS DD or the STEPLIB DD.

System Action: Processing continues, data is not captured.

User Response: See the preceding messages to determine the reason for failure.

**PWXEDM172878I Processing DD "ddname" with DSN "dsname"**

Explanation: The change interface component is processing the specified data definition name for the specified data set name.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172879I Area "nn" processed for DD "ddname"**

Explanation: The change interface component is processing the specified FastPath area for the specified data definition name.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172880E Duplicate area "nn" found in DD "ddname"**

Explanation: The change interface component encountered a FastPath area, in the specified data definition name, that was previously processed.

System Action: The change interface component checks the remaining FastPath areas, but does not update the data. The job abends after all of the areas are checked.

User Response: Check which data definition names contain the correct data and restart the job.

**PWXEDM172881E \*\*\* The following UOWs must be manually resolved \*\*\***

Explanation: This IMS environmental change capture routine (ECCR) message indicates that you must manually commit or abort units of work (UOW).

System Action: The IMS ECCR continues the startup process.

User Response: Use the RESOLVE\_INDOUBT command to commit or abort the listed UOWs. See the *PowerExchange CDC Guide for z/OS* for information about resolving in-doubt units of work.

**PWXEDM172882E UOW In-doubt ECCR=jobname UOWID=uowid needs manual resolution**

Explanation: This IMS ECCR message follows messages PWXEDM172881E and PWXEDM172883E and shows a list of the UOWs that you must manually commit or abort.

System Action: The IMS ECCR continues the startup process.

User Response: Use the RESOLVE\_INDOUBT command to commit or abort the listed UOWs. See the *PowerExchange CDC Guide for z/OS* for information about resolving in-doubt units of work.

**PWXEDM172883E UOWs for change capture were unresolved due to IMS COLDSTART**

Explanation: This IMS ECCR message indicates that you must manually commit or abort units of work that remain unresolved due to an IMS cold start process.

System Action: The IMS ECCR continues the startup process.

User Response: Use the RESOLVE\_INDOUBT command to commit or abort the listed UOWs. See the *PowerExchange CDC Guide for z/OS* for information about resolving in-doubt units of work.

**PWXEDM172884I nn schema(s) marked for refresh**

Explanation: The change interface component marks the EDMNAMEs for which LRP requires a schemas, for refresh. This is in response to a "F pacjob,LRP,REFRESH" command request, for refresh. Note, for example, that DB2 requires a schema and IMS does not.

System Action: The change interface component reads the schemas when LRP processes the next CCD record for the EDMNAMEs.

User Response: No response is required.

**PWXEDM172885I LRP schema for edmtime refreshed due to {Schema Time Stamp|Refresh command}**

Explanation: The change interface component refreshes a schema for an EDMNAME due to the time stamp of the schema or an earlier LRP,REFRESH command.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172886I The following Load Module replacements have been installed:**

Explanation: This message precedes a line that shows which load module replacements have been installed into the product. Any subsequent fix, by means of a load module replacement, updates this message line.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172887E EDP is not receiving control from the DBRC Interface, DATA CAPTURE IS STOPPED**

Explanation: The DBRC interface, that is used by PowerExchange, cannot receive control.

System Action: The IMS ECCR continues the startup process and the PowerExchange change capture process is turned off.

User Response: Check the DBRC address space to verify that the correct libraries are in the DBRC region.

**PWXEDM172889I Action if ECCR error encountered has been set to {CONTINUE|ABORT}**

Explanation: The IMS operator issued a /SSR command to set the CCERR field in the EDMSDIR default options module to a temporary value. The CCERR field determines the action of the ECCR when it is unable to capture changes for a data resource.

System Action: The IMS processing continues.

User Response: No response is required.

**PWXEDM172890W There are no open databases registered for capture**

Explanation: The IMS operator issued a /SSR command to request statistics [STAT| STATWTO], but there are no databases that have passed the registration process.

System Action: The IMS processing continues.

User Response: No response is required.

**PWXEDM172891W An SSR command has been issued that is unknown to EDP**

Explanation: The IMS operator issued a /SSR command other than a PowerExchange CONTINUE, ABORT, STAT, or STATWTO command.

System Action: The IMS processing continues.

User Response: Verify that you are using the desired /SSR command and reissue.

**PWXEDM172893W *eccr\_type* ECCR *eccr\_name* waiting for Logger Restart UOW information**

Explanation: When you initialize the DB2 ECCR, the ECCR relies on the PowerExchange Logger to supply the necessary restart information. If the PowerExchange Logger cannot return this information. For example, it is waiting for a tape mount.

System Action: The ECCR will suspend initialization and display a message.

User Response: Investigate the state of the PowerExchange Logger. If you can resolve the problem with the PowerExchange Logger, the ECCR will continue initialization.

**PWXEDM172894W Successful registration of IMS DBD/DSN *dbdname/dataset.name* prior to full ECCR initialization**

Explanation: The ECCR determined that data should be captured from the object whose name is included in the message. However, full initialization of the ECCR had not been completed, so the registration data could not be forwarded to the CIC Mailman function.

System Action: Processing continues. When full ECCR initialization is completed, the registration data is forwarded, and message 172808 is issued. Because no changes can be made to the object in question until full ECCR initialization is complete, there is no loss of data as a result of this situation.

User Response: This message is normal during initialization of the ECCR, particularly for IMS FastPath databases, or in cases IMS can open databases that were open during the previous instance of IMS. If this message occurs at other times, or if the 172808 message is never received, contact Informatica Corporation Product Support.

## PWXEDM173000W to PWXEDM173002I: The PowerExchange Logger

**PWXEDM173000W XCF request [QUIESCL | RESUMEL] received from member Logger *xcf\_member\_name* (jobname *logger\_jobname* on system *system\_name*) - *reason\_text***

Explanation: The Post-Log Merge task received a request to change the status of a member Logger but the current status of that member Logger was inconsistent with the change in status that was requested.

The type of request that was received, the XCF member from which the request was received (*xcf\_member\_name*), the actual job name of the member Logger (*logger\_jobname*), and the system where the member Logger was executing (*system\_name*) are all included in the text of the message.

The message also identifies the type of problem that the Post-Log Merge task detected in the request it received. The *reason\_text* is one of the following values:

- Member already quiesced
- Member not quiesced
- Member stopped

System Action: Processing continues but the status of the member Logger, as understood by the Post-Log Merge task, is not changed.

User Response: Investigate the reason why the Post-Log Merge task believed the member Logger's current status was inconsistent with the XCF request, using any other messages that may have been issued, including those issued from other address spaces, in particular the member Logger in question. You may also need to refer to related operating system documentation, if appropriate. If you cannot identify and correct the problem, contact Informatica Global Customer Support.

**PWXEDM173001I    Member Logger *xcf\_member\_name* (jobname *logger\_jobname* on system *system\_name*) now {quiesced | resumed} logging for log reader *log\_reader\_name***

Explanation:        The Post-Log Merge task detected a status change in one of the member Loggers from which it is merging data. The status change occurred because the member Logger sent a message to the Post-Log Merge task. Either the PowerExchange Logger entered a quiesce status meaning that it will temporarily not log any more data, or the PowerExchange Logger has left the quiesce status meaning that it will resume logging data.

The logical name for the member Logger (*xcf\_member\_name*), the actual job name of the member Logger (*logger\_jobname*), and the system where the member Logger is executing (*system\_name*) are all included in the text of the message. The message also identifies the type of status change, such as quiesce or resume, as well as the logical name (*log\_reader\_name*) for a log reader that is affected. The message is issued once for each log reader that is active at the time the status changes.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM173002I    Member Logger *xcf\_member\_name* (jobname *logger\_jobname* on system *system\_name*) {is now active | has left the system}**

Explanation:        The Post-Log Merge task detected a status change in one of the member Loggers from which it was merging data. Either the member Logger has signed on to the Post-Log Merge task and will now start logging data that will need to be merged or the member Logger has left the XCF group and so is not logging any additional data that would need to be merged.

The logical name for the member Logger (*xcf\_member\_name*), the actual job name of the member Logger (*logger\_jobname*), and the system where the member Logger is executing (*system\_name*) are all included in the text of the message. The message also identifies whether the member Logger has become active or has left the system.

This message may be followed by message DTLED172141I if the PowerExchange Logger became active, or may be preceded by message DTLED172142W if the PowerExchange Logger left the system, for each log reader that may have been receiving merged data from that Logger.

System Action:        Processing continues.

User Response:        No response is required.

## CHAPTER 4

# PWXEDM175000 to PWXEDM175648

This chapter includes the following topic:

- [PWXEDM175000 to PWXEDM175648E: PowerExchange Utilities, 144](#)

## PWXEDM175000 to PWXEDM175648E: PowerExchange Utilities

### **PWXEDM175015I** *message\_text*

**Explanation:** The PowerExchange Create Event Marker utility (EDMXLUTL) issues this informational message. The text shown in the message varies depending on the context in which the message was issued. In some cases, the message contains references to other error messages showing control card contents and errors that were encountered during control card interpretation.

**System Action:** The utility either discards the control card in error, or ends processing, depending on the error detected. The message sometimes provides additional information about system action.

**User Response:** Correct the control card in error, or correct the problems indicated in the message text. If other messages are included in the text, correct the problems associated with those messages. Then, run the job again.

### **PWXEDM175016I** *message\_text, return code=rc, reason=reason, logrba=logrba*

**Explanation:** The PowerExchange Create Event Marker utility issues this message to indicate the status of an event command.

The message text contains the following variables:

- *message\_text* is the message text.
- *rc* is the return code produced when the command executed.
- *reason* is the reason code produced when the command executed.
- *logrba* is the relative byte address of the event command in the log.

**System Action:** Processing continues. Commands that contain errors are not completed.



User Response: If the command did not execute correctly, correct the error in the command that is indicated by the return and reason codes, or by a reference to another message. Then, submit the command again. For more information on the return and reason codes, see ["Reason Codes 01440600 to 060906FF - PowerExchange Utilities" on page 288](#) and ["Reason Codes 00000601 to 00004499 - Command" on page 261](#).

**PWXEDM175017I *message\_text*, highest return code=*rc*, highest reason=*reason***

Explanation: The PowerExchange Create Event Marker utility issues this message to indicate that the PowerExchange command event utility has completed processing. The message contains the highest return and reason codes produced during command event processing.

System Action: The utility ends.

User Response: If the Create Event Marker utility completed processing with errors, correct the error indicated by the return and reason codes, or by the messages referenced in text. Then, execute the utility again. For more information on the return and reason codes, see ["Reason Codes 01440600 to 060906FF - PowerExchange Utilities" on page 288](#).

**PWXEDM175025I *Event Mark Notify={EDITION | COPY | ENDCOPY} Summary: event\_type.....:event\_value...***

Explanation: This message is issued by the PowerExchange Create Event Marker utility to indicate that the completion of a notify edition, copy, or end-of-copy marker has been recorded to the PowerExchange Logger. Possible values for the *event\_type* include:

- Event Mark Logger RBA
- Event Sequence number
- Event Edition number
- Event Source EDMNAME
- Related Target EDMNAME

This message provides the logger ID and the logger sequence number needed by the apply restart utility. When the notify is for EDITION, this message issues a line for each source EDMNAME that the notify command processed. This message also provides an edition number for each source EDMNAME. If a target EDMNAME is related to the source EDMNAME in the message, this message issues a line for each related target EDMNAME.

System Action: The PowerExchange Create Event Marker utility processing continues.

User Response: Make a note of the information to be used as input to the apply restart utility.

**PWXEDM175028E *EDMNAME*, edition=*edition\_level*, reason=*reason\_code* [*reason\_explanation*]**

Explanation: This message is issued by the PowerExchange event utility when an attempt to update the edition level of the object fails. The explanation for the reason code may, or may not be present.

System Action: Processing for the current command ends with an error.

User Response: Correct the error identified by the reason code and run the utility again. For more information see ["Reason Codes 00000601 to 00004499 - Command" on page 261](#).

**PWXEDM175029E *Event notify utility abending due to write end packet failure*, reason=*reason***

Explanation: An attempt to write the ending packet record for the event notify process has failed. This causes the PowerExchange Logger to write the ending packet record. The reason code in the message indicates why the packet could not be written.

System Action:	The PowerExchange Logger ends processing for the event notify utility.
User Response:	Correct the problem identified by the reason code and run the utility again. For more information on reason codes, see <a href="#">"Reason Codes 01440600 to 060906FF - PowerExchange Utilities" on page 288.</a>
<b>PWXEDM175603E</b>	<b>MESSAGE <i>messagenumber (internal message text)</i> HAS NOT BEEN PASSED THE CORRECT NUMBER OF PARAMETERS</b>
Explanation:	The internal message generator for the BSCT component has incorrectly formatted data necessary for the message number in question.  The actual severity of the error is determined by the severity of the message number in question.
System Action:	The PowerExchange job will perform the action associated with the message that could not be generated.
User Response:	Contact Customer Support for assistance in determining the exact error.
<b>PWXEDM175604I</b>	<b>BSCT CREATION TIME: <i>mmddyyyyhh:mm:ss</i></b>
Explanation:	PowerExchange generates this informational message when verifying the version of the BSCT component.
System Action:	The PowerExchange job continues.
User Response:	No response is required.
<b>PWXEDM175605E</b>	<b>UNABLE TO FIND EDP RELEASE LEVEL</b>
Explanation:	The BSCT subcomponent was not able to load an PowerExchange global control block.
System Action:	The PowerExchange job ends.
User Response:	Ensure that the correct libraries are specified in the PowerExchange job's STEPLIB concatenation. Increase the PowerExchange job's REGION size. Check to see if other errors occurred in either the EDMMSG output or the JES message log, and fix the problems indicated by those messages.
<b>PWXEDM175606I</b>	<b>BSCT AT LEVEL <i>v.r.mm.fff</i></b>
Explanation:	PowerExchange generates this informational message when verifying the version of the BSCT component.
System Action:	The PowerExchange job continues.
User Response:	No response is required.
<b>PWXEDM175607I</b>	<b>TARGET PROCESSING IS COMPLETE FOR TARGET: <i>target_name</i></b>
Explanation:	Processing has completed for the specified target ( <i>target_name</i> ).
System Action:	The PowerExchange job continues.
User Response:	No response is required.
<b>PWXEDM175608I</b>	<b><i>target informational message</i></b>
Explanation:	The PowerExchange target specified in the previous message (PWXEDM175607I) has generated the data displayed in this message.
System Action:	The PowerExchange job continues.

User Response: No response is required.

**PWXEDM175609W *target warning message***

Explanation: The PowerExchange target specified in message PWXEDM175607I has generated the data displayed in this message.

System Action: The PowerExchange job continues.

User Response: Review the information provided by the target processor to determine if the warning requires a response.

**PWXEDM175610I **TARGET INITIALIZATION STEP 2 COMPLETE FOR TARGET *target\_name*Phase 2****

Explanation: Initialization processing for the specified target (*target\_name*) has completed. The

System Action: PowerExchange job continues.

User Response: No response is required.

**PWXEDM175611I **TARGET INITIALIZATION STEP 2 STARTING FOR TARGET *target\_name*****

Explanation: Phase 2 initialization processing for the specified target (*target\_name*) has started. The

System Action: PowerExchange job continues.

User Response: No response is required.

**PWXEDM175612I **TARGET INITIALIZATION STEP 1 COMPLETE FOR TARGET *target\_name*****

Explanation: Phase 1 initialization processing for the specified target (*target\_name*) has completed. The

System Action: PowerExchange job continues.

User Response: No response is required.

**PWXEDM175613I **TARGET INITIALIZATION STEP 1 STARTING FOR TARGET *target\_name*****

Explanation: Phase 1 initialization processing for the specified target (*target\_name*) has started. The

System Action: PowerExchange job continues.

User Response: No response is required.

**PWXEDM175614I **BULK SOURCE CONTROL TASK PROCESSING STARTING****

Explanation: The PowerExchange PAC has started the BSCT component.

System Action: The PowerExchange job continues.

User Response: No response is required.

**PWXEDM175616I **BSCT SOURCE/TARGET INTEREST LIST DELIVERY IS STARTING****

Explanation: The BSCT component has begun communication with the PowerExchange data transformer component.

System Action: The PowerExchange job continues.

User Response: No response is required.

**PWXEDM175617I BSCT SOURCE/TARGET INTEREST LIST DELIVERY IS COMPLETE**

Explanation: The BSCT component has sent the source and target interest lists to the PowerExchange data transformer component.

System Action: The PowerExchange job continues.

User Response: No response is required.

**PWXEDM175618I BSCT TARGET INITIALIZATION IS STARTING**

Explanation: The BSCT component has started to send initialization information to the PowerExchange target processors.

System Action: The PowerExchange job continues.

User Response: No response is required.

**PWXEDM175619I BSCT TARGET INITIALIZATION IS COMPLETE**

Explanation: The BSCT initialization process is complete.

System Action: The PowerExchange job continues.

User Response: No response is required.

**PWXEDM175620I BULK SOURCE CONTROL TASK PROCESSING IS COMPLETE**

Explanation: The BSCT component has determined that all processing for this PowerExchange job has completed.

System Action: The PowerExchange job ends.

User Response: No response is required.

**PWXEDM175621E ERROR ATTEMPTING TO CONNECT TO EDP MESSAGE PROCESSOR: RC = *return\_code***

Explanation: The BSCT component cannot connect to the internal PowerExchange message processor. The  
PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175622E ERROR ATTEMPTING TO DISCONNECT FROM EDP MESSAGE PROCESSOR: RC = *return\_code***

Explanation: The BSCT component cannot disconnect from the internal PowerExchange message processor.

System Action: The PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175623E ERROR ATTEMPTING TO CONNECT TO EDP COMMON SERVICES: RC = *return\_code*; REASON CODE = *reason\_code***

Explanation: The BSCT component cannot connect to PowerExchange common services. The

System Action: PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

<b>PWXEDM175624E</b>	<b>ERROR ATTEMPTING TO DISCONNECT FROM EDP COMMON SERVICES: RC = <i>return_code</i>; REASON CODE = <i>reason_code</i></b>
Explanation:	The BSCT component cannot disconnect from PowerExchange common services. The
System Action:	PowerExchange job ends.
User Response:	Scan the PowerExchange job log for prior errors. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.
<b>PWXEDM175625E</b>	<b>ERROR ATTEMPTING TO ACCESS EDP PAC INFORMATION: RC = <i>return_code</i>; REASON CODE = <i>reason_code</i></b>
Explanation:	The BSCT component cannot access PowerExchange PAC internal control blocks. The
System Action:	PowerExchange job ends.
User Response:	Scan the PowerExchange job log for prior errors. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing. This error can also occur if you attempt to run program EDMBDSC outside of a PAC environment.
<b>PWXEDM175626E</b>	<b>ERROR ATTEMPTING TO OPEN INTERNAL INPUT DATA QUEUE: RC = <i>return_code</i>; REASON CODE = <i>reason_code</i></b>
Explanation:	The BSCT component cannot communicate with other PowerExchange components necessary to perform a PowerExchange propagation.
System Action:	The PowerExchange job ends.
User Response:	Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.
<b>PWXEDM175627E</b>	<b>ERROR ATTEMPTING TO OPEN INTERNAL OUTPUT DATA QUEUE: RC = <i>return_code</i>; REASON CODE = <i>reason_code</i></b>
Explanation:	The BSCT component cannot communicate with other PowerExchange components necessary to perform a PowerExchange propagation.
System Action:	The PowerExchange job ends.
User Response:	Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.
<b>PWXEDM175628E</b>	<b>ERROR ATTEMPTING TO OPEN INTERNAL COMMAND QUEUE: RC = <i>return_code</i>; REASON CODE = <i>reason_code</i></b>
Explanation:	The BSCT component cannot communicate with other PowerExchange components necessary to perform a PowerExchange propagation.
System Action:	The PowerExchange job ends.
User Response:	Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175629E ERROR ATTEMPTING TO CLOSE INTERNAL INPUT DATA QUEUE: RC = *return\_code*; REASON CODE = *reason\_code***

Explanation: The BSCT component encountered an error while attempting to communicate with other PowerExchange components necessary to perform PowerExchange propagation.

System Action: The PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175630E ERROR ATTEMPTING TO CLOSE INTERNAL OUTPUT DATA QUEUE: RC = *return\_code*; REASON CODE = *reason\_code***

Explanation: The BSCT component encountered an error while attempting to communicate with other PowerExchange components necessary to perform PowerExchange propagation.

System Action: The PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175631E ERROR ATTEMPTING TO CLOSE INTERNAL COMMAND QUEUE: RC = *return\_code*; REASON CODE = *reason\_code***

Explanation: The BSCT component encountered an error while attempting to communicate with other PowerExchange components necessary to perform PowerExchange propagation.

System Action: The PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175632E ERROR ATTEMPTING TO READ FROM INTERNAL INPUT DATA QUEUE: RC = *return\_code*; REASON CODE = *reason\_code***

Explanation: The BSCT component encountered an error while attempting to communicate with other PowerExchange components necessary to perform PowerExchange propagation.

System Action: The PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175633E ERROR ATTEMPTING TO WRITE TO INTERNAL OUTPUT DATA QUEUE: RC = *return\_code*; REASON CODE = *reason\_code***

Explanation: The BSCT component encountered an error while attempting to communicate with other PowerExchange components necessary to perform PowerExchange propagation.

System Action: The PowerExchange job ends.

User Response: Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175634I    *target status information***

Explanation:        The target apply component sends status information messages to the BSCT component, usually during checkpoint processing.

System Action:      The PowerExchange job continues.

User Response:      No response is required.

**PWXEDM175635E    **TARGET INITIALIZATION ERROR FOR TARGET *target\_name*****

Explanation:        The specified target apply component (*target\_name*) encountered an error during initialization.

System Action:      The PowerExchange job ends.

User Response:      Check the log file of the failed target apply component. Fix the problem that generated the error, and restart the job.

**PWXEDM175636E    **ERROR ATTEMPTING TO SEND INTEREST LISTS****

Explanation:        The BSCT component could not send source or target processing lists to the data transformer component.

System Action:      The PowerExchange job ends.

User Response:      Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175637E    **ERROR ATTEMPTING TO SEND PAC INIT COMPLETE COMMAND****

Explanation:        The BSCT component could not send an initialization-complete message to the PAC master task.

System Action:      The PowerExchange job ends.

User Response:      Scan the PowerExchange job log for prior errors. This problem most likely occurred because of a failure in another PowerExchange component. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing.

**PWXEDM175638E    **BULK PROFILE NAME IS MISSING****

Explanation:        The PowerExchange job contains an invalid or missing PowerExchange profile name.

System Action:      The PowerExchange job ends.

User Response:      Ensure that you specified the correct profile name as input to the PowerExchange job and that the correct PowerExchange repository is being used.

**PWXEDM175639E    **INTERNAL ERROR BUILDING BULK PROFILE REQUEST: *error\_information*****

Explanation:        The PowerExchange job could not find a valid profile with the given PowerExchange profile name.

System Action:      The PowerExchange job ends.

User Response:      Ensure that you specified the correct profile name as input to the PowerExchange job and that the correct PowerExchange repository is being used. Use the PowerExchange console to ensure that the PowerExchange profile has not been disabled due to errors in its definition.

**PWXEDM175640E    *target error information***

Explanation:        A target apply task encountered an error. This message lists the error.

System Action:      The PowerExchange job ends.

User Response:      A prior error message specified the target in error. Fix the problem specified in the prior error message. You may need to look at the output log of the target apply component to determine what the actual error is. After the problem is fixed, restart the PowerExchange job.

**PWXEDM175641E    TARGET RETURNED AN INVALID RESPONSE**

Explanation:        A target apply task encountered an unknown processing error.

System Action:      The PowerExchange job ends.

User Response:      A prior error message specified the target in error. Scan the output log of the target apply component to determine what the actual error is. After the problem is fixed, restart the PowerExchange job.

**PWXEDM175642E    SOURCE TYPE 'DB2/IMS/VSAM' NOT LICENSED FOR USE**

Explanation:        The licensing check failed.

System Action:      The PowerExchange job ends.

User Response:      Ensure that you have a proper license to run the PowerExchange product. Ensure that the data set that contains the PowerExchange licensing key is specified in your STEPLIB concatenation.

**PWXEDM175643E    UNABLE TO ACCESS PAC CONTROL BLOCKS: RC= *return\_code*; REASON CODE = *reason\_code***

Explanation:        The BSCT was unable to access internal PAC control blocks.

System Action:      The PowerExchange job ends.

User Response:      Scan the PowerExchange job log for prior errors. Increase the PowerExchange job's REGION size. Ensure that the PowerExchange Agent is executing. This error can also occur if you attempt to run program EDMBDSC outside of a PAC environment.

**PWXEDM175646E    A TARGET COMPLETE MESSAGE WAS SENT FOR AN UNKNOWN TARGET *target\_name***

Explanation:        BSCT has received information from an unknown target writer (*target\_name*).

System Action:      The PowerExchange job ends.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM175647E    NO TARGET WRITERS SUCCESSFULLY INITIALIZED**

Explanation:        PowerExchange does not currently issue this message.

System Action:      The data propagation job ends.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM175648E    UNEXPECTED *actual\_response\_type* RESPONSE RECEIVED WHEN *expected\_response\_type* RESPONSE EXPECTED**

Explanation:        A target writer terminated unexpectedly.

System Action:      The PowerExchange job ends.



User Response: Scan the PowerExchange job log for prior errors. Scan the target writers' job logs for errors.  
When the problem is resolved, rerun the job.

## CHAPTER 5

# PWXEDM176400 to PWXEDM177699

This chapter includes the following topics:

- [PWXEDM176400E to PWXEDM176455I: CICS/VSAM ECCR, 154](#)
- [PWXEDM177008I to PWXEDM177699W: DB2 ECCR, 165](#)

## PWXEDM176400E to PWXEDM176455I: CICS/VSAM ECCR

### **PWXEDM176400E Undefined message number *msg\_number***

**Explanation:** A CICS/VSAM ECCR internal module issued a message. However, the specified message number is not defined in PowerExchange.

**System Action:** The message is not displayed. Processing continues.

**User Response:** Collect all available information about the error and contact Informatica Global Customer Support.

### **PWXEDM176401E *function PROGRAM(program) EXIT(exit) failed. EIBRCODE=X"error\_code", RESP=response\_code, RESP2=response\_code2***

**Explanation:** During CICS/VSAM ECCR initialization, the EXEC CICS ENABLE or EXEC CICS EXTRACT EXIT function for the specified program and exit point failed with the specified CICS error code and response codes.

**System Action:** ECCR initialization fails.

**User Response:** To determine the cause of the failure, look up the CICS error code and response codes in the IBM *CICS Application Reference Manual*. Then correct the problem, and start the ECCR again.

### **PWXEDM176402E CICS Shutdown (Immediate) requested due to Initialization error/s**

**Explanation:** During CICS/VSAM ECCR initialization, one or more fatal errors occurred. To prevent change data loss, the CICS region must be shut down.

**System Action:** PowerExchange issues a request to shut down CICS.

User Response: To determine the cause of the errors, examine the CICS job log, MVS SYSLOG data set, and PowerExchange message log. Then correct the problem and start the CICS/VSAM ECCR again.

**PWXEDM176403E Fatal error returned from EDMCCICS. Reason code is *reason\_code*.**

Explanation: During CICS/VSAM ECCR initialization, the EDMCCICS function returned a fatal error.

System Action: ECCR initialization fails.

User Response: To determine the cause of the failure, examine the CICS job log, SYSLOG data set, and PowerExchange message log. Then correct the problem.

**PWXEDM176404I CICS/VSAM Change Capture Initialization completed successfully**

Explanation: The CICS/VSAM ECCR completed initialization without any errors and is now active.

System Action: The ECCR begins capturing change data.

User Response: No response is required.

**PWXEDM176405I CICS/VSAM Change Capture Initialization is in progress**

Explanation: The CICS/VSAM ECCR is initializing.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM176406E Invalid operand specified - press ENTER for help**

Explanation: The EDMC transaction for the CICS/VSAM ECCR was entered with an operand that is not valid.

System Action: The transaction terminates.

User Response: Press ENTER to display a list of valid operands for the transaction. Then enter the transaction again with a valid operand.

**PWXEDM176407E Initialization request rejected - CICS/VSAM Change Capture is already initialized**

Explanation: An EDMC transaction was entered with the INIT operand to manually initialize the CICS/VSAM ECCR. However, the ECCR already completed initialization.

System Action: The transaction terminates.

User Response: No response is required.

**PWXEDM176408E operand request rejected - CICS/VSAM Change Capture has not been initialized**

Explanation: The EDMC transaction for the CICS/VSAM ECCR was entered with the DISPLAY, OPTIONS, REFRESH, XPGM, or TERM operand. However, the transaction request was rejected because the ECCR has not been initialized.

System Action: The transaction terminates.

User Response: Initialize the CICS/VSAM ECCR and enter the transaction again.

**PWXEDM176409I CICS/VSAM Change Capture Termination is complete**

Explanation: A request to terminate the CICS/VSAM ECCR completed. The ECCR is no longer active.

System Action: Change capture processing stops.

User Response: No response is required.

**PWXEDM176410E No CCD entry for Registered File(*file\_name*)**

Explanation: During Open exit processing of the specified VSAM file, PowerExchange did not find an entry for the file in the Change Capture Directory (CCD). Open exit processing fails.

System Action: PowerExchange terminates the Open request and closes the file.

User Response: Contact Informatica Global Customer Support.

**PWXEDM176411E Registration check failed for File(*file\_name*) - CICS/VSAM CDC is terminating.**

Explanation: During PowerExchange Open exit processing of the specified VSAM file, one or more registration-checking errors occurred.

System Action: Because CCERR=CONTInue is specified in the EDMSDIR options module, PowerExchange issues a request to stop the CICS/VSAM ECCR.

User Response: To determine the cause of the failure, examine the CICS job log, MVS SYSLOG data set, and PowerExchange message log. Then correct the problem.

**PWXEDM176412E Registration check failed for File(*file\_name*) - File changes suppressed**

Explanation: During PowerExchange Open exit processing of the specified VSAM file, registration-checking errors occurred.

System Action: The file Open request continues but the file is marked with the "Reg Err" flag in the display of participating files to indicate that it is in error. Because CCERR=ABEND is specified in the EDMSDIR options module, any subsequent CICS tasks that write changes to the file end abnormally during syncpoint processing to avoid potential change data loss.

User Response: To determine the cause of the failure, examine the CICS job log, MVS SYSLOG data set, and PowerExchange message log. Then correct the problem. Also, stop the CICS/VSAM ECCR and then restart it to clear the error flag.

**PWXEDM176413E Definition of Registered File(*file\_name*) specifies Recovery(None)**

Explanation: PowerExchange Open exit processing for the specified VSAM file failed. The failure occurred because the file resource definition specifies RECOVERY(NONE) but the INITPARM statement for the EDMKOPER module does not specify AllowRecoveryNone.

System Action: PowerExchange terminates the Open request and closes the file.  
**Note:** PowerExchange also reacts in this manner when you specify CCERR=ABEND in the EDMSDIR options module.

User Response: Verify that the VSAM file is correctly defined and that it is supposed to be registered for change data capture. If the file is correctly defined as RECOVERY(NONE), specify both AllowRecoveryNone in the INITPARM statement and CCERR=CONTInue in the EDMSDIR options module.

**PWXEDM176414E Registered File(*file\_name*) is not a local keyed or relative-record VSAM file**

Explanation: PowerExchange Open exit processing of the specified VSAM file failed because the file is not a VSAM KSDS, RRDS, or VRRDS data set.

System Action: PowerExchange terminates the Open request and closes the file.

User Response: Verify that the VSAM file is correctly defined and that it is supposed to be registered for change data capture. Correct any problems.

**PWXEDM176415E Unable to locate before image record for update of File(*file\_name*)**

Explanation: When trying to process an update or delete request for the specified VSAM file, PowerExchange did not find the before image of the record. PowerExchange needs the before image to process the change.

System Action: PowerExchange rejects the update or delete request.

User Response: Contact Informatica Global Customer Support.

**PWXEDM176416E Unexpected return code *return\_code* on update call for File(*file\_name*)**

Explanation: PowerExchange received an invalid return code for an update request for the specified VSAM file.

System Action: PowerExchange rejects the file update request.

User Response: Contact Informatica Global Customer Support.

**PWXEDM176417E CICS/VSAM CDC Termination failed. Return code is *return\_code*, Reason code is *reason\_code*, Reason code is *reason\_code***

Explanation: PowerExchange received an unexpected return code for a request to terminate the CICS/VSAM ECCR.

System Action: The ECCR does not terminate if the return code indicates a termination error.

User Response: Contact Informatica Global Customer Support.

**PWXEDM176418E CICS/VSAM Change Capture Syncpoint (*syncpoint\_phase*) failed. Reason code is *reason\_code***

Explanation: During syncpoint processing, PowerExchange received a return code that is not valid. This error might occur because the PowerExchange Logger for MVS is not available.

In this message, *syncpoint\_phase* is one of the following values:

- 1. Phase 1.
- 2. Phase 2.
- E. End UOW.
- R. Rollback.
- V. UOW verification.

System Action: Syncpoint processing fails, and the CICS transaction is backed out.

User Response: For more information about the error, review accompanying messages in the PowerExchange message log.

**PWXEDM176419E SHOWCAT for *data\_set\_name* {CLUSTER | DATA} failed with RC=*return\_code***

Explanation: When PowerExchange tried to get key details for the base data set for a VSAM path, the VSAM SHOWCAT macro failed with specified return code on the CLUSTER or DATA component entry in the VSAM catalog.

System Action: PowerExchange terminates the Open request for the VSAM file and closes the file.

User Response: Verify that the VSAM path and the associated CLUSTER or DATA component are correctly defined. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176420E No DATA component found for File(*file\_name*). DSN is *data\_set\_name***

Explanation: When PowerExchange tried to get key details for the base data set for a VSAM path, the VSAM SHOWCAT macro did not return information about the DATA component that is associated with the base CLUSTER.

System Action: PowerExchange terminates the Open request for the VSAM file and closes the file.

User Response: Verify that the VSAM path and associated CLUSTER or DATA component are correctly defined. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176421E Invalid operand. Issue EDMC HELP to display all of the valid command operands.**

Explanation: An EDMC transaction was entered with an invalid command operand. Enter HELP to list the valid operands.

System Action: The EDMC transaction terminates.

User Response: Enter one of the valid command operands at a terminal or from the operator console.

**PWXEDM176422E Change Capture Initialization failed due to unsupported CICS release (*component\_level*)**

Explanation: An attempt was made to initialize the PowerExchange CICS/VSAM ECCR for a CICS Transaction Server version that PowerExchange does not support.

System Action: CICS/VSAM ECCR initialization fails.

User Response: Contact Informatica Global Customer Support.

**PWXEDM176423E Registered File(*file\_name*) is a non CICS-Maintained Data Table**

Explanation: PowerExchange Open exit processing for the specified VSAM file failed because no CICS-maintained data table exists for it in memory.

System Action: PowerExchange terminates the Open request and closes the file.

User Response: Verify that the VSAM file is correctly defined in CICS and is registered for change data capture.

**PWXEDM176424E CLOSE FILE(*file\_name*) failed. EIBRESP=*response\_code*, RESP2=*response\_code2***

Explanation: During Open exit processing, PowerExchange encountered one or more errors that require the specified VSAM file to be closed to prevent change data loss. However, the EXEC CICS CLOSE request encountered an error.

System Action: The VSAM file does not participate in change data capture processing.

User Response: For more information about the errors that require the file to be closed, refer to the PowerExchange messages that precede this one in the PowerExchange message log. You can close the file manually, if necessary. For information about the EIBRESP and RESP2 response codes, see the *IBM CICS Transaction Server for z/OS System Programming Reference*.

**PWXEDM176425W Registered File(*file\_name*) allows read-only access - Change Capture bypassed**

Explanation: The specified VSAM file is registered for change data capture but was opened in read-only mode. Because no changes can be written to a read-only file, PowerExchange does not capture changes from it.

System Action: PowerExchange ignores the file and continues change capture processing.

User Response: No response is required.

**PWXEDM176426E INQUIRE FILE(*file\_name*) failed. EIBRESP=*response\_code*, RESP2=*response\_code2***

Explanation: PowerExchange Open exit processing for the specified VSAM file failed because the EXEC CICS INQUIRE FILE request encountered an error.

System Action: PowerExchange terminates the Open request and closes the file.

User Response: For information about the EIBRESP and RESP2 response codes, see the IBM *CICS Transaction Server for z/OS System Programming Reference*.

**PWXEDM176427E File(*file\_name*) being closed due to ECCR errors. DSN is *data\_set\_name***

Explanation: PowerExchange Open exit processing encountered one or more errors that require the specified file to be closed to prevent change data loss.

System Action: PowerExchange terminates the Open request and closes the file.

User Response: For more information about the errors, see the PowerExchange messages that precede this one in the PowerExchange message log.

**PWXEDM176428E UOWs were unresolved for Change Capture due to CICS Cold Start**

Explanation: After a CICS cold start, PowerExchange found VSAM units of work (UOWs) that were left in an indoubt state from the last CICS termination. You must resolve these indoubt UOWs for the source and target to be consistent.

System Action: CICS startup processing and change capture processing continue.

User Response: Manually resolve the indoubt UOWs by using the PowerExchange Logger RESOLVE\_INDOUBT command.

**PWXEDM176429W CICS System Log (DFHLOG) *log\_status* and EDM CCERR=CONTINUE**

Explanation: PowerExchange CICS/VSAM ECCR initialization completed successfully, but the CICS system log is not available. In this situation, CICS cannot back out transactions that abend, and PowerExchange does not apply changes from abended transactions. As a result, the source and target might become inconsistent.

In this message, *log\_status* is one of the following values:

- is disabled
- is dummied
- has failed
- not found

System Action: CICS processing and PowerExchange change data capture processing continue.

User Response: To ensure that the source and target remain consistent, verify that the CICS system log is properly defined. It must not be defined as a dummy log.

**PWXEDM176430E CICS System Log (DFHLOG) *log\_status* and EDM CCERR=ABEND**

Explanation: PowerExchange CICS/VSAM ECCR initialization completed successfully, but the CICS system log is not available. In this situation, CICS cannot back out transactions that abend, and PowerExchange does not apply changes from those transactions. As a result, the source and target might become inconsistent.

In this message, *log\_status* is one of the following values:

- is disabled

- is dummied
- has failed
- not found

System Action: PowerExchange issues a request to shut down the CICS region because CCERR=ABEND is specified in the EDMSDIR options module.

User Response: To ensure that the source and target remain consistent, verify that the CICS system log is properly defined. It must not be defined as a dummy log.

#### **PWXEDM176431I Syncpoint processing entered, area value is contents**

Explanation: The PowerExchange task-related user exit (TRUE) was invoked during syncpoint processing. The exit dumps the first 64 bytes of the contents of the CICS parameter area, TRWA data area, or TFWA control block to this message for diagnostic use.

In this message, *area* is one of the following values:

- FUNC
- TFWA control block
- TRWA data area

System Action: CICS processing continues.

User Response: Send the contents of this message to Informatica Global Customer Support.

#### **PWXEDM176432I CDC processing beginning for UOW, using TFWA contents**

Explanation: The PowerExchange task-related user exit (TRUE) was invoked for the first time for a unit of work (UOW). The exit dumps the first 64 bytes of the contents of the TFWA control block to this message for diagnostic use.

System Action: CICS processing continues.

User Response: Send the contents of this message to Informatica Global Customer Support.

#### **PWXEDM176433I CDC captured *change\_type* for *file\_name*, using TFWA contents**

Explanation: The CICS/VSAM ECCR captured change data from the specified VSAM file when processing a unit-of-work (UOW). This message provides the first 64 bytes of the contents of the TFWA control block for diagnostic purposes.

In this message, *change\_type* is one of the following values:

- delete
- insert
- update

System Action: Change data capture processing continues.

User Response: Send the contents of this message to Informatica Global Customer Support.

#### **PWXEDM176434W CDC participation allowed for File(*file\_name*) due to AllowRecoveryNone**

Explanation: PowerExchange Open exit processing can proceed for the specified nonrecoverable file because the AllowRecoveryNone keyword is specified in the INITPARM statement for the EDMKOPER module. However, this keyword might cause some changes to not be captured.

System Action: Change data capture processing continues.



User Response: Verify that use of the AllowRecoveryNone keyword is required.

**PWXEDM176435W CICS/VSAM Change Capture {initialization | termination} completed with warnings**

Explanation: CICS/VSAM ECCR initialization or termination completed with one or more warnings.

System Action: CICS processing continues.

User Response: If CICS file-processing errors occur after ECCR termination, restart the CICS region.

**PWXEDM176436I Options in effect: ECCR Name=*eccr\_name*, CCERR=*option* [AllowRecoveryNone]**

Explanation: This message is issued during CICS/VSAM ECCR initialization. It reports the ECCR name and the CCERR option that is specified in the EDMSDIR options module. It also includes the "AllowRecoveryNone" keyword if you specified it in the INITPARM statement for EDMKOPER module. This keyword allows nonrecoverable files to participate in change data capture processing.

In this message, *option* is one of the following CCERR values:

- ABEND
- CONTinue

System Action: Change data capture processing continues.

User Response: No response is required.

**PWXEDM176437E CICS/VSAM ECCR Initialization failed**

Explanation: CICS/VSAM ECCR initialization failed because PowerExchange encountered one or more errors. The errors might have occurred because PowerExchange could not determine the status of some VSAM files that were open prior to the start of initialization.

System Action: PowerExchange does not capture change data.

User Response: To diagnose the problem, review other messages that were issued during ECCR initialization. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176438E <executing\_program> PROGRAM(*program\_name*) EXIT(*exit\_point*) failed.  
EIBRCODE=X"*EIBRCODE\_code*", RESP=*EIBRESP\_code*, RESP2=*EIBRESP2\_code***

Explanation: During PowerExchange CICS/VSAM Change Capture processing, the specified program issued an EXEC CICS command request. However, CICS Transaction Server (TS) returned an error. This message provides the CICS TS response codes for the error.

System Action: PowerExchange Change Capture processing ends abnormally.

User Response: To determine the cause of the error, look up the reported EIBRCODE, EIBRESP, and EIBRESP2 response codes for the EXEC CICS command in the IBM CICS TS application development or system programming documentation for the CICS TS version that you are using. Likely causes of the error include:

- A missing load module
- A missing or incorrect program resource definition
- A RACF security rule that prevents access to a requested resource

**PWXEDM176439I    Program(*program\_name*) Enabled at Exit(*exit\_point*), RESP2=*response\_code***

Explanation:        This message reports a CICS RESP2 response code for a program that is installed and enabled at the specified exit point in the CICS Transaction Server region. The response code indicates the status of the program. To determine the cause of the failure, look up the CICS response code in the IBM *CICS Application Programming Reference*. Then correct the problem and start the ECCR again.

User Response:      No response is required.

**PWXEDM176440E    *file\_id* I/O Error, SYNADAF: *IBM\_error\_text***

Explanation:        PowerExchange received an I/O error when processing the VSAM data set with the specified file ID in the target CICS Transaction Server (TS) region. This message includes the diagnostic information that the SYNADAF analysis macro returned for the error.

System Action:      CICS TS continues running.

User Response:      Check if the data set that is associated with the specified file ID is accessible and readable in the Time Sharing Option (TSO) environment. If it is not accessible and readable, correct or redefine the data set. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176441I    EDMKOVDR CDC Override Options file was found. Processing of Override Statements begins.**

Explanation:        The PowerExchange CICS/VSAM ECCR has started processing the override options data set that is allocated by the EDMKOVDR DD statement in the CICS startup JCL in the CICS Transaction Server (TS) region. This data set contains override options for change data capture from VSAM data sets.

User Response:      No response is required.

**PWXEDM176442I    EDMKOVDR DD Dummy sysin file was found. No CDC Override Options will be processed.**

Explanation:        No override options data set was allocated by the EDMKOVDR DD statement in the CICS startup JCL in the CICS Transaction Server (TS) region. No PowerExchange override options are active for VSAM CDC.

User Response:      No response is required.

**PWXEDM176443I    EDMKOVDR Override dataset: *data\_set\_name(member)* was opened.**

Explanation:        The PowerExchange CICS/VSAM ECCR has issued an OPEN request for the override options data set that is allocated by the EDMKOVDR DD statement in the CICS startup JCL. This data set contains override options for VSAM CDC.

User Response:      No response is required.

**PWXEDM176444I    EDMKOVDR Open Error on Override dataset: *data\_set\_name(member)* RC=(*return\_code*)**

Explanation:        An I/O error occurred when the PowerExchange CICS/VSAM ECCR was processing the specified override options data set that is allocated by the EDMKOVDR DD in the target CICS TS region.

System Action:      CICS TS continues running.

User Response:      Check if the specified data set is accessible and readable in the Time Sharing Option (TSO) environment. If it is not accessible and readable, correct or redefine the data set. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176445I CDC Override Options were updated *mm/dd/yy* at *hh:mm:ss* from *data\_set\_name(member)***

Explanation: PowerExchange updated or refreshed the override options for VSAM CDC in the specified data set at the given date and time. This data set was allocated by the EDMKOVDR DD in the CICS startup JCL in the CICS Transaction Server region.

User Response: No response is required.

**PWXEDM176446W CDC Override Options contain errors. Make corrections where indicated.**

Explanation: The PowerExchange CICS/VSAM ECCR detected a syntax error when processing the override options data set that is allocated by the EDMKOVDR DD in the CICS startup JCL in the CICS Transaction Server (TS) region.

System Action: CICS TS continues running.

User Response: Check the syntax of the statements in the EDMKOVDR override options data set. The beginning of a syntax error in a statement is indicated by an asterisk on the next line. Also, review the syntax errors that are reported in the CICS console log. Then correct any override option statement that is not valid and either restart CICS or issue the EDMC REFRESH command. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176447I EDMKOVDR DD not found in CICS startup. CICS/VSAM CDC Override Options not processed.**

Explanation: The PowerExchange CICS/VSAM ECCR did not find the override options data set that is allocated by the EDMKOVDR DD statement in the CICS startup JCL in the CICS TS region. The ECCR uses the default values for the override options for VSAM change data capture.

User Response: No response is required.

**PWXEDM176448I EDMKOVDR Override dataset: *data\_set\_name(member)* was closed.**

Explanation: An I/O error occurred when the PowerExchange CICS/VSAM ECCR was processing the specified override options data set in the target CICS Transaction Server (TS) region. The data set was closed.

System Action: CICS TS continues running.

User Response: Check if the specified data set is accessible and readable in the Time Sharing Option (TSO) environment. If it is not accessible and readable, correct or redefine the data set. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176449I EDMKOVDR Close Error on Override dataset: *data\_set\_name(member)* RC=(*return\_code*)**

Explanation: An I/O error occurred when the PowerExchange CICS/VSAM ECCR was processing the specified override options data set in the target CICS Transaction Server (TS) region. An attempt to close the data set resulted in an error.

System Action: CICS TS continues running.

User Response: Check if the specified data set is accessible and readable in the Time Sharing Option (TSO) environment. If it is not accessible and readable, correct or redefine the data set. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM176450I CICS/VSAM Change Capture is *status* for *VSAM\_source\_type***

Explanation: This message reports whether the PowerExchange CICS/VSAM Change Capture is active or inactive for the specified VSAM source type. The *VSAM\_source\_type* variable represents one of the following source types: VSAM ESDS, VSAM KSDS, or VSAME RRDS files or data sets, or CICS Maintained Data Tables.

User Response: No response is required.

**PWXEDM176451I Change Capture disallowed for File(*file\_id*) due to CAPTURE\_vsam\_source\_type=OFF CDC Override Option**

Explanation: PowerExchange will not capture change data for the specified VSAM file because change data capture is disabled for all VSAM files of that type by the `CAPTURE_VSAM_source_type=OFF` statement in the override options data set. You can disable change data capture for a VSAM source type by setting any of the following options to OFF: CAPTURE\_ESDS, CAPTURE\_KSDS, CAPTURE\_RRDS, or CAPTURE\_CMDT.

**Note:** For the CAPTURE\_ESDS option, the default value is OFF.

User Response: No response is required.

**PWXEDM176452I Change Capture disallowed for File(*file\_id*) due to NOCAPTURE CDC Override Option**

Explanation: PowerExchange will not capture change data for the specified VSAM file because the `DSN=file_name,NOCAPTURE` option is specified in the override options data set that is allocated by the EDMKOV RD DD statement in the CICS startup JCL.

User Response: No response is required.

**PWXEDM176453I Registered File(*file\_id*) is associated with DSN(*data\_set\_name*)**

Explanation: This message accompanies message PWXEDM176451I or PWXEDM17652I.

User Response: No response is required.

**PWXEDM176454W CDC CICS Exit program(*program\_name*) at CICS Exit point(*exit\_point*) is not defined as order**

Explanation: This message warns that the specified CICS/VSAM CDC exit program is not installed in the recommended precedence order at the CICS exit point. The *order* value is either "First" or "Last," depending on when the exit program was enabled at the specified exit point. Another product or program might have installed a program to run at the same exit point prior to the EDMKOPER program. The EDMKOPER program is defined in the CICS startup PLTPI table and activates the CICS/VSAM Change Capture exit programs at CICS initialization.

System Action: CICS TS continues running.

User Response: Check the order of entries in the CICS PLTPI for programs that are getting invoked after the EDMKOPER program entry. These programs might install other programs at the specified exit point, causing conflicts with the CICS/VSAM ECCR order requirements.

**PWXEDM176455I CDC CICS Exit program(*program name*) at CICS Exit point(*exit\_point*) is now defined as order**

Explanation: A PowerExchange CICS/VSAM CDC exit program was not defined in the correct precedence order at the CICS exit point. To avoid potential CDC issues, the appropriate EXEC CICS system programming interface (SPI) commands were issued to correct the order of the program dynamically. This message identifies the new order, which is either "First" or "Last."

User Response: No response is required.

# PWXEDM177008I to PWXEDM177699W: DB2 ECCR

## **PWXEDM177008I [START | STOP] TRACE(MONITOR) CLASS(1) HAS BEEN EXECUTED**

Explanation: The DB2 ECCR issued the -START/STOP TRACE(MONITOR) CLASS(1) DB2 command. This DB2 command enables capturing changed data for the DB2 subsystem.

System Action: Processing continues.

User Response: No response is required.

## **PWXEDM177009E ERROR WHILE ISSUING IFI CALL - IFI RC/RSNC=*rc/reason***

Explanation: The DB2 ECCR encountered an error while trying to issue the -START TRACE(MONITOR) CLASS(1) DB2 command. For an explanation of the DB2 return code *rc* and reason code *reason*, see IBM DB2 messages and codes manual.

System Action: The DB2 ECCR abends.

User Response: Check the PowerExchange message log for any messages associated with this message. To correct the problem, follow the instructions in the associated messages, if any, and in IBM DB2 messages and codes manual. Then, start the DB2 ECCR again.

## **PWXEDM177012I ECCR STATUS: LAST DB2 READ LOC *rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number* OLDEST OPEN UOW *urid.data\_sharing\_member\_id***

Explanation: This message reports the RBA or LRSN location of the last DB2 log record that the DB2 ECCR read and the URID of the oldest open UOW at that location in the DB2 log. In a data-sharing environment, the data-sharing member ID is included in both values. This message is issued when the DB2 ECCR ends.

System Action: Processing continues.

User Response: No response is required.

## **PWXEDM177013I LOGGER: LAST DB2 READ LOC *rba\_or\_lrsn* OLDEST OPEN UOW *uowid.data\_sharing\_member\_id***

Explanation: This message reports the RBA or LRSN of the last DB2 log record read and the oldest open UOW that the PowerExchange Logger sent to the ECCR for restart processing. This message is issued when the DB2 ECCR ends.

System Action: Processing continues.

User Response: No response is required.

## **PWXEDM177016E TABLE '*creator.table\_name*' NOT DEFINED**

Explanation: During a DB2 ECCR restart, the ECCR tried to find the specified table. However, the table is not defined to DB2.

System Action: The DB2 ECCR restart fails.

User Response: To diagnose the error, review the other messages that are associated with this failure. Then try to restart the ECCR again.

## **PWXEDM177017I TABLE '*creator.table\_name*' EDITPROC "*procedure\_name*" UPDATED**

Explanation: During a DB2 ECCR restart, the ECCR encountered an updated EDITPROC exit routine for the specified table.

System Action: Processing continues.  
User Response: No response is required.

**PWXEDM177018E OPEN FAILED FOR DDNAME PWXTRACE**

Explanation: The DB2 ECCR could not open the data set with a DD name of PWXTRACE.  
System Action: The DB2 ECCR abends.  
User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM177019E CLOSE FAILED FOR DDNAME PWXTRACE**

Explanation: During termination, the DB2 ECCR could not close the data set with a DD name of PWXTRACE.  
System Action: The DB2 ECCR abends.  
User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM177020E STORAGE OBTAIN/RELEASE FAILED**

Explanation: A GETMAIN error occurred. The DB2 ECCR was unable to obtain or release storage.  
System Action: The DB2 ECCR abends.  
User Response: Collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM177030E CAPTURE PROGRAM *error\_response***

Explanation: The DB2 ECCR encountered the error that is identified in a preceding message. This message provides additional information about the error.  
System Action: The DB2 ECCR reacts in one of the following ways, depending on the reported error response:

- **ATTEMPTS TO CONTINUE.** The DB2 ECCR stops processing the record or operation that caused the error. Then the ECCR tries to process the next log record or the next ST definition.
- **ABENDS.** The DB2 ECCR abends because the error is too severe to continue.
- **ABENDS with PERMIL=0.** The DB2 ECCR abends because the REPL2CTL file contains or defaults to the EC PERMIL=0 control statement.
- **ABENDS-PERMIL=THRESHOLD IS EXCEEDED.** The DB2 ECCR abends because the number of errors that occurred exceeds the maximum number of errors that are specified in the EC PERMIL control statement in the REPL2CTL file.

User Response: Depending on the error response and system action, respond in one of the following ways:

- **ATTEMPTS TO CONTINUE.** No response is required.
- **ABENDS.** Use the information in the associated messages to determine your response.
- **ABENDS with PERMIL=0.** Set the EC PERMIL control statement in the REPL2CTL file to a value greater than 0 to allow the DB2 ECCR to skip the log records that result in errors. Then restart the ECCR.

- **ABENDS-PERMIL= THRESHOLD IS EXCEEDED.** Increase the EC PERMIL value in the REPL2CTL file. Then restart the ECCR. The larger EC PERMIL value enables the ECCR to tolerate more errors and skip more log records that result in errors.

#### **PWXEDM177031W SUSPENDING ERROR DIAGNOSIS**

**Explanation:** To keep from filling the consoles and the trace data sets with error information, the DB2 ECCR limits the number of errors that can issue error messages and diagnosis information to a maximum number of errors per hour. The DB2 ECCR issues this message when it encounters an error and the maximum number of errors per hour is reached. Between the time it issues this message and the beginning of the next hourly cycle, the DB2 ECCR suspends issuing error messages and diagnosis information for errors that do not result in abends.

**System Action:** Processing continues. However, the DB2 ECCR might handle some errors without providing the associated error messages.

**User Response:** No response is required.

#### **PWXEDM177035E IMS ENVIRONMENT IS INVALID FOR CAPTURE PROGRAM**

**Explanation:** An attempt to run the DB2 ECCR in an IMS region failed. An IMS region is not a valid capture environment for the DB2 ECCR. This message is issued as a WTO message.

**System Action:** The DB2 ECCR abends.

**User Response:** Edit the DB2 ECCR JCL to run the ECCR in a DB2 environment. Then start the ECCR again.

#### **PWXEDM177036E INVALID CALL FUNCTION**

**Explanation:** The DB2 ECCR encountered an invalid call function. This is an internal error that causes the DB2 ECCR to abend.

**System Action:** The DB2 ECCR abends.

**User Response:** Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

#### **PWXEDM177037E INVALID CPOOL-ID**

**Explanation:** The DB2 ECCR found an invalid CPOOL ID. This is an internal error that causes the DB2 ECCR to abend.

**System Action:** The DB2 ECCR abends.

**User Response:** Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

#### **PWXEDM177038E INVALID CPOOL CELL-ADDRESS**

**Explanation:** The DB2 ECCR found an invalid CPOOL cell address. This is an internal error that causes the DB2 ECCR to abend.

**System Action:** The DB2 ECCR abends.

**User Response:** Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177039E INVALID CPOOL-ID IN CELL**

Explanation: The DB2 ECCR found an invalid CPOOL ID in the cell. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177040E AREA TOO LARGE FOR CPOOL SERVICES**

Explanation: The DB2 ECCR found an area that is too large for the CPOOL services. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177041E INVALID CHAIN OF CELL ELEMENTS**

Explanation: The DB2 ECCR found an incorrect sequence of cell elements. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177042E INVALID CHAIN OF CELL ELEMENTS**

Explanation: The DB2 ECCR found an incorrect sequence of cell elements. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177043E INTERNAL ERROR: INVALID CALL-FUNCTION**

Explanation: The DB2 ECCR encountered an invalid call function. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177044E INTERNAL ERROR: DUPLICATE HASH-ENTRIES**

Explanation: The DB2 ECCR found duplicate entries in the hash table. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.



**PWXEDM177045E INTERNAL ERROR: POSITION NOT ESTABLISHED**

Explanation: The DB2 ECCR was attempting to do a GET NEXT operation amongst entries created by an internal hashing function but was unable to do so because no position had been previously established within the hashing entries.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177046I CAPTURE PROGRAM ACKNOWLEDGES AN MVS STOP COMMAND**

Explanation: The DB2 ECCR issues this message to acknowledge that an MVS STOP *eccr\_task* command was entered.

System Action: The DB2 ECCR stops.

User Response: No response is required.

**PWXEDM177047I CAPTURE PROGRAM ACKNOWLEDGES AN MVS 'MODIFY REFRESH' COMMAND**

Explanation: The DB2 ECCR issues this message to acknowledge that an MVS MODIFY *eccr\_job*, REFRESH command was entered. This command causes the DB2 ECCR to update its control information based on the current contents of the PowerExchange repository.

System Action: The DB2 ECCR refreshes its control information and continues processing.

User Response: No response is required.

**PWXEDM177048I CAPTURE PROGRAM ACKNOWLEDGES A QUIESCE COMMAND**

Explanation: The DB2 ECCR issues this message to acknowledge that an MVS MODIFY *eccr\_job*, QUIESCE command was entered.

System Action: The DB2 ECCR stops in a controlled manner after processing in-flight UOWs.

User Response: No response is required.

**PWXEDM177049E QEDIT MACRO FAILED**

Explanation: An internal error caused the QEDIT macro to fail.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**PWXEDM177050E QEDIT MACRO FAILED**

Explanation: An internal error caused the QEDIT macro to fail.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**PWXEDM177051E INTERNAL ERROR - UNEXPECTED VALUE IN R2PMOD FIELD**

Explanation: An internal error occurred. The DB2 ECCR found an incorrect value in the R2PMOD field.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**PWXEDM177052E UNSUPPORTED MVS COMMAND**

Explanation: The DB2 ECCR does not support the MVS command that was entered.

System Action: The DB2 ECCR ignores the command and continues processing.

User Response: Verify that the command was entered correctly or enter another command that the DB2 ECCR supports. For more information about supported DB2 ECCR commands, see the *PowerExchange Command Reference*.

**PWXEDM177053E PARAMETER ON MODIFY COMMAND IS MISSING**

Explanation: An MVS MODIFY command for the DB2 ECCR was entered without all of the required parameters.

System Action: The DB2 ECCR ignores the MODIFY command and continues processing.

User Response: Enter the MVS MODIFY command again with all of the required parameters. For more information about DB2 ECCR commands and parameters, see the *PowerExchange Command Reference*.

**PWXEDM177054E PARAMETER ON MODIFY COMMAND IS TOO SHORT**

Explanation: An MVS MODIFY command for the DB2 ECCR was entered with a parameter entry that is too short. The parameter might not be complete.

System Action: The DB2 ECCR ignores the MODIFY command and continues processing.

User Response: Enter the MVS MODIFY command again with a complete parameter specification. For more information about DB2 ECCR commands and parameters, see the *PowerExchange Command Reference*.

**PWXEDM177055E PARAMETER ON MODIFY COMMAND IS TOO LONG**

Explanation: An MVS MODIFY command for the DB2 ECCR was entered with a parameter specification that is too long.

System Action: The DB2 ECCR ignores the MODIFY command and continues processing.

User Response: Enter the MVS MODIFY command again with the parameter correctly specified. For more information about DB2 ECCR commands and parameters, see the *PowerExchange Command Reference*.

**PWXEDM177056E SUPPORTED PARMS FOR MODIFY COMMAND ARE "DI", "RE", "URID", "TERM", AND "QU"**

Explanation: An MVS MODIFY command was entered for the DB2 ECCR with an invalid ECCR parameter.

System Action: The DB2 ECCR ignores the MODIFY command and continues processing.

User Response: Enter the MVS MODIFY command again with one of the valid ECCR parameters that are identified in the message text. For more information about DB2 ECCR commands and parameters, see the *PowerExchange Command Reference*.

**PWXEDM177057E 1ST PARAMETER OF MODIFY COMMAND IS INVALID OR NOT FOLLOWED BY A COMMA**

Explanation: In an MVS MODIFY command for the DB2 ECCR, the first parameter is not valid or is not followed by a comma.

System Action: The DB2 ECCR ignores the MODIFY command and continues processing.

User Response: Enter the MVS MODIFY command again with the correct parameter syntax. For more information about DB2 ECCR commands and parameters, see the *PowerExchange Command Reference*.

**PWXEDM177058E "DISPLAY" PARAMETER IS FOLLOWED BY ONE OR MULTIPLE INVALID PARAMETERS**

Explanation: AN MVS MODIFY command for the DB2 ECCR contains the ECCR DISPLAY, or DI, parameter followed by one or more parameters that the ECCR does not support.

System Action: The DB2 ECCR ignores the MODIFY command and continues processing.

User Response: Enter the MVS MODIFY command again with only supported ECCR parameters. For more information about DB2 ECCR commands and parameters, see the *PowerExchange Command Reference*.

**PWXEDM177059E "TERM" PARAMETER IS INVALID, MUST BE A 24-CHARACTER HEXADECIMAL NUMBER**

Explanation: An invalid unit-of-recovery ID (URID) or unit-of-work ID (UOWID) value was entered in the DB2 ECCR TERM command. The URID or UOWID must be a 24-character hexadecimal value that follows TERM, for example:

```
F eCCR_task_name,TERM,00000000000000123AB0C000
```

System Action: The DB2 ECCR ignores the TERM command.

User Response: Enter the TERM command again with a URID or UOWID value in the correct hexadecimal format. For more information, see the *PowerExchange Command Reference*.

**PWXEDM177060E INTERNAL ERROR: RELEASE FUNCTION NOT PERMITTED**

Explanation: The DB2 ECCR storage release function attempted to release storage used by an internal hashing function but could not do so for one of the following reasons:

- The subpool that was used when the hashing environment was established was zero
- The storage release function detected that some of the entries in the hashing environment were still in use

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177061W CAPTURE PROGRAM NOT READY TO PROCESS MODIFY COMMANDS**

Explanation: An MVS MODIFY command was entered, but the current DB2 ECCR status does not allow processing of MODIFY commands.

System Action: The DB2 ECCR ignores the MODIFY command and continues processing.

User Response: Enter the MODIFY command later when the DB2 ECCR can process it.

**PWXEDM177062W CAPTURE PROGRAM WAITING FOR DB2 CONNECTION**

Explanation: The DB2 ECCR cannot process an ECCR command because it is waiting for the connection to DB2 to complete.

System Action: The DB2 ECCR ignores the command and waits for the connection to DB2 to complete.

User Response: If the connection to DB2 takes an excessive amount of time to complete, determine the cause of the delay. Otherwise, wait until the connection is complete and then enter the command again.

**PWXEDM177064W CAPTURE PROGRAM IN START PHASE**

Explanation: The DB2 ECCR has not completed initialization processing. Therefore, it cannot process the ECCR command that was entered.

System Action: The DB2 ECCR ignores the command.

User Response: Enter the command after the DB2 ECCR completes the initialization phase.

**PWXEDM177065W CAPTURE PROGRAM IN COLD-START PHASE**

Explanation: The DB2 ECCR has not completed cold-start processing. Therefore, it cannot process the ECCR command that was entered.

System Action: The DB2 ECCR ignores the command.

User Response: Enter the command after the DB2 ECCR completes the cold start.

**PWXEDM177066W CAPTURE PROGRAM IN SPECIAL-START PHASE**

Explanation: The DB2 ECCR has not completed special-start processing. Therefore, it cannot process the ECCR command that was entered.

System Action: The DB2 ECCR ignores the command.

User Response: Enter the command after the DB2 ECCR completes the special start.

**PWXEDM177067W CAPTURE PROGRAM IN REFRESH PHASE**

Explanation: The DB2 ECCR has not completed refresh processing. Therefore, it cannot process the ECCR command that was entered.

System Action: The DB2 ECCR ignores the command.

User Response: Enter the command after the DB2 ECCR completes refresh processing.

**PWXEDM177068W MODIFY COMMAND REJECTED**

Explanation: The DB2 ECCR rejected an MVS MODIFY command.

System Action: The DB2 ECCR ignores the MODIFY command.

User Response: Check other messages associated with this error to determine why the DB2 ECCR rejected the MODIFY command. Then correct the problem and enter the command again.

**PWXEDM177069E UNEXPECTED RETURN CODE FROM 'ENQ' MACRO - RC IS IN R8**

Explanation: The ENQ macro sent a nonzero return code to the DB2 ECCR. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177070E CAPTURE PROGRAM WITH NAME=*name* IS ALREADY EXECUTING**

Explanation: You started the specified DB2 ECCR when a DB2 ECCR with the same name is already running. You cannot run more than one DB2 ECCR with the same name. If you need to run multiple DB2 ECCRs at the same time, they must have different names.

System Action: The second DB2 ECCR with the same name abends.

User Response: If you need to run multiple DB2 ECCRs in parallel, assign a different name to each DB2 ECCR. Specify the name of the DB2 ECCR in the NAME= keyword parameter of the CA control record in the //REPL2CTL file. Also, provide each DB2 ECCR running in parallel with a different capture directory table and a different DB2 plan.

**PWXEDM177071E NUMBER OF TRACE ELEMENTS IS INVALID**

Explanation: An internal error occurred. The DB2 ECCR found an incorrect number of internal trace elements.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177072E LENGTH OF TEXT TO BE TRACED IS INVALID**

Explanation: An internal error occurred. The DB2 ECCR determined that the length of the text to be traced is not valid.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177073E LENGTH OF AREA TO BE TRACED IS INVALID**

Explanation: An internal error occurred. The DB2 ECCR determined that the length of the area to be traced is not valid.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177074E OPEN FAILURE FOR REPL2CTL**

Explanation: The DB2 ECCR could not open the REPL2CTL control data set.

System Action: The DB2 ECCR abends.

User Response: To diagnose the error, see other MVS-issued messages that contain additional information about the error. Then correct the problem and run the ECCR again.

**PWXEDM177075E REPL2CTL FILE IS EMPTY**

Explanation: The DB2 ECCR REPL2CTL file does not contain the required control statements.

System Action: The DB2 ECCR abends.

User Response: Add the required control statements to the REPL2CTL file and run the job again.

**PWXEDM177076E ERRORS IN REPL2CTL RECORDS**

Explanation: The DB2 ECCR detected one or more errors in the control statements in the REPL2CTL file.

System Action: The DB2 ECCR writes a detailed description of the errors in the REPL2PRT file and then abends.

User Response: To diagnose the error, review the error messages in the REPL2PRT file. Then correct the problems and run the job again.

**PWXEDM177077E ZERO CR RECORDS IN REPL2CTL FILE**

Explanation: An internal error related to the REPL2CTL data set occurred.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177078E USER SPECIFIED CR RECORD NOT SUPPORTED**

Explanation: A user-specified CR record occurs in the REPL2CTL file but is not supported.

System Action: The DB2 ECCR abends.

User Response: To bypass the error, delete the CR record from the REPL2CTL file. Then start the DB2 ECCR again.

**PWXEDM177079E USER SPECIFIED ST RECORD NOT SUPPORTED**

Explanation: A user-specified ST record occurs in the REPL2CTL file but is not supported.

System Action: The DB2 ECCR abends.

User Response: To bypass the error, delete the ST record from the REPL2CTL file. Then start the DB2 ECCR again.

**PWXEDM177080E INTERNAL ERROR: NO SPC DEFINITION FOR *catalog\_table\_name***

Explanation: An internal error occurred. The specified table is identified as a DB2 catalog table of interest to the DB2 ECCR but is not on the internal list of allowable catalog tables.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including any dumps.

**PWXEDM177082E OPEN OF REPL2OPT HAS FAILED**

Explanation: The DB2 ECCR could not open the REPL2OPT file.

System Action: The DB2 ECCR abends.

User Response: To diagnose the error, review related MVS messages for this error. Then correct the problem and run the job again.

**PWXEDM177083E ERRORS IN REPL2OPT RECORDS**

Explanation: The DB2 ECCR detected one or more errors in the configuration statements in the REPL2OPT file.

System Action: The DB2 ECCR writes a detailed description of the errors to the REPL2PRT file and then abends.

User Response: To diagnose the error, review the error messages in the REPL2PRT file. Then correct the problem and run the job again.

**PWXEDM177084I *program\_name* capture statistics at *timestamp***

Explanation: The specified DB2 ECCR program reported capture statistics at the specified date and time. The timestamp format is yyyy-mm-dd hh.mm.ss

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177085I    DETAIL LEVEL STATISTICS FOLLOW**

Explanation: This message introduces subsequent DB2 ECCR detailed statistics.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177093E    INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177094E    INTERNAL ERROR - INVALID VALUE IN FUN2 FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid value in FUN2 for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177095E    SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177099E    INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177100E    INTERNAL ERROR - INVALID VALUE IN FUN2 FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid value in FUN2 for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177101E    SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177105E INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177106E INTERNAL ERROR - INVALID VALUE IN FUN2 FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid value in FUN2 for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177107E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177108E INTERNAL ERROR - UNEXPECTED COLTYPE FOR A STRING DEFAULT VALUE**

Explanation: The DB2 ECCR found an unexpected column type for a string default value. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177109E INTERNAL ERROR - UNEXPECTED COLTYPE FOR A NUMERICAL DEFAULT VALUE**

Explanation: The DB2 ECCR found an unexpected column type for a numeric default value. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177110E INTERNAL ERROR - UNEXPECTED LENGTH FOR A GRAPHIC STRING DEFAULT VALUE**

Explanation: The DB2 ECCR found an unexpected length for a graphic string default value. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.



**PWXEDM177114E INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177115E INTERNAL ERROR - INVALID SELECT-ID FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid select ID for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177116E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177117E INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177118E INTERNAL ERROR - INVALID SELECT-ID FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid select ID for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177119E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table. T

System Action: he DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177120E INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177121E INTERNAL ERROR - INVALID VALUE IN FUN2 FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid value in FUN2 for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177122E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177123E INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177124E INTERNAL ERROR - INVALID VALUE IN FUN2 FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid value in FUN2 for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177125E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177129E INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177130E INTERNAL ERROR - INVALID SELECT-ID FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid select ID for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177131E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177132E INTERNAL ERROR - INVALID CALL FUNCTION FOR MODULE *module\_name***

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177133E INTERNAL ERROR - INVALID SELECT-ID FOR MODULE *module\_name***

Explanation: The DB2 ECCR found an invalid select ID for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177134E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177135E DB2 CAF CONNECT ERROR RC=*return\_code* RSNC=*reason\_code* CN=*connect\_name***

Explanation: The DB2 ECCR could not connect to DB2 by using the DB2 Call Attach Facility (CAF) and the specified connect name. This message includes the error return code and reason code.

System Action: The DB2 ECCR abends.

User Response: For a description of the return code and reason code, see the IBM DB2 messages and codes documentation. Then try to correct the problem and run the job again.

**PWXEDM177137E CAPTURE PROGRAM ABENDS**

Explanation: The DB2 ECCR ended because it could not connect to DB2. Additional ECCR messages, which precede this message, provide more detailed information.

System Action: The DB2 ECCR abends.

User Response: To diagnose the problem, see the other messages associated with this error. Then try to correct the problem and run the job again.

**PWXEDM177138E DB2/CAF OPEN ERROR - RC/RSNC=*rc*/*reason***

Explanation: The DB2 ECCR issued a DB2 Call Attach Facility (CAF) OPEN call. The OPEN call failed. CAF and DB2 provide the return code *rc* and the reason code *reason*.

System Action: The DB2 ECCR abends.

User Response: See IBM DB2 messages and codes manual for a description of the return code and reason code. If possible, use the contents of this message and any associated messages to determine the cause of the error. Then, correct the problem, and run the job again. If the problem persists, collect all available information about the error. Contact Informatica Global Customer Support.

**PWXEDM177139I SEE DB2 MESSAGES AND CODES FOR AN EXPLANATION OF THE RSNC**

Explanation: The DB2 ECCR could not perform a DB2 Call Attach Facility (CAF) OPEN call. To provide additional information about the error, the DB2 ECCR issues both this message and PWXEDM177138E. The purpose of this message is to direct you to see IBM DB2 messages and codes manual for a description of the reason code in message PWXEDM177138E.

System Action: The DB2 ECCR abends.

User Response: See IBM DB2 messages and codes manual for a description of the reason code in message PWXEDM177135E.

**PWXEDM177140E CAPTURE PROGRAM ABENDS**

Explanation: Because its DB2 Call Attach Facility OPEN call failed, the DB2 ECCR abends. The DB2 ECCR issues other messages with more detailed information prior to issuing this message.

System Action: The DB2 ECCR abends.

User Response: To determine the cause of the problem, see the other error messages associated with this error. Correct the problem, and run the job again.

**PWXEDM177141E CAPTURE PGM CAN NOT OBTAIN THE ID OF THE CURRENT DB2 SERVER**

Explanation: The DB2 ECCR could not obtain the identification of the current DB2 server. The DB2 ECCR issues other messages with more detailed information about this error.

System Action: The DB2 ECCR abends.

User Response: To determine the cause of the problem, see the other error messages associated with this error. Correct the problem, and run the job again.

**PWXEDM177142E SQL ERROR FOR SET:CS=CURRENT SERVER**

Explanation: The DB2 ECCR could not obtain the identification of the current DB2 server. The DB2 ECCR issues other messages with more detailed information about this error.

System Action: The DB2 ECCR abends.

User Response: To determine the cause of the problem, see the other error messages associated with this error. Correct the problem, and run the job again.

**PWXEDM177143E ERROR IN DB2 COMMIT PROCESSING**

Explanation: The DB2 ECCR could not process a DB2 COMMIT command. The DB2 ECCR issues other messages with more detailed information about this error.

System Action: The DB2 ECCR abends.

User Response: To diagnose the problem, see the other messages associated with this error. Then try to correct the problem and run the job again.

**PWXEDM177144E ERROR IN DB2 ROLLBACK PROCESSING**

Explanation: The DB2 ECCR could not process a DB2 rollback. The DB2 ECCR issues other messages with more detailed information about this error.

System Action: The DB2 ECCR abends.

User Response: To diagnose the problem, see the other messages associated with this error. Then try to correct the problem and run the job again.

**PWXEDM177145E ROLLBACK FAILED**

Explanation: The DB2 ECCR could not complete DB2 rollback processing. The DB2 ECCR issues other messages with more detailed information about this error.

System Action: The DB2 ECCR abends.

User Response: To diagnose the problem, see the other messages associated with this error. Then try to correct the problem and run the job again.

**PWXEDM177146E COMMIT PROCESSING FAILED**

Explanation: The DB2 ECCR could not process a DB2 COMMIT command. The DB2 ECCR issues other messages with more detailed information about this error.

System Action: The DB2 ECCR abends.

User Response: To diagnose the problem, see the other messages associated with this error. Then try to correct the problem and run the job again.

**PWXEDM177149I DB2 CAPTURE PERFORMS A ROLLBACK**

Explanation: The DB2 ECCR is performing DB2 rollback processing.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177151I ISSUING AN SQL ROLLBACK**

Explanation: The DB2 ECCR issued a request for rollback processing.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177152E DB2 Vv.r.m is not supported. The {minimum | maximum} supported level is Vv.r.m.**

Explanation: PowerExchange does not support your DB2 *version.release.modification* level. If your DB2 level is too old, this message shows the minimum DB2 level that PowerExchange supports. If your DB2 release level is too recent, this message shows the maximum DB2 level that PowerExchange supports.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177163E DB2/CAF OPEN ERROR - RC/RSNC=*rc/reason***

Explanation: A subtask of the DB2 ECCR issued a DB2 Call Attach Facility (CAF) OPEN call. The OPEN call failed. CAF and DB2 pass a return code and a reason code to the DB2 ECCR.

System Action: The DB2 ECCR abends.

User Response: See IBM DB2 messages and codes manual for a description of the return code and reason code. If possible, use the contents of this message and any associated messages to determine the cause of the error. Then, correct the problem, and run the job again. If the problem persists, call Informatica Global Customer Support.

**PWXEDM177164E SQL ERROR: OPERATION=*operation* TABLE=*table***

Explanation: The DB2 ECCR encountered an SQL operation error while accessing the specified table.

System Action: The DB2 ECCR abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177165E LOG BUFFER-FLUSHING SUBTASK ABENDS**

Explanation: A DB2 ECCR subtask is abending.

System Action: The subtask abends.

User Response: Use the information contained in other messages associated with this error to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177166E LOG BUFFER-FLUSHING SUBTASK ABENDS**

Explanation: A DB2 ECCR subtask is abending.

System Action: The subtask abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177167I SEE DB2 MESSAGES AND CODES FOR AN EXPLANATION OF THE RSNC**

Explanation: A DB2 ECCR subtask encountered a DB2 related problem.

System Action: The subtask abends.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177168E LOG BUFFER-FLUSHING SUBTASK ABENDS**

Explanation: A DB2 ECCR subtask is abending.

System Action: The subtask abends.

User Response: Use the information that other messages associated with this error to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177169E INTERNAL ERROR: CONSTANT TO BE CONVERTED IS TOO LONG**

Explanation: The DB2 environmental change capture routine (ECCR) found a constant that is too long to convert. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177170E INTERNAL ERROR: X029166 IS CALLED FOR AN UN-EXPECTED CONVERSION TYPE**

Explanation: The DB2 ECCR found an incorrect conversion type. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177171E SQL ERROR: OPERATION=operation TABLE=table**

Explanation: The specified DB2 ECCR SQL operation encountered an error when working with the specified table.

System Action: DB2 ECCR processing continues. However, in some situations, the columns you defined using user defined default values may not get replicated with those default values.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177172E SQL-ERROR WHILE ATTEMPTING TO CONVERT A USER-PROVIDED DEFAULT VALUE**

Explanation: The DB2 ECCR encountered an error in an SQL statement that converts a user defined default value from an external format to an internal format. See message PWXEDM177171E for additional information about this error.

System Action: DB2 ECCR processing continues. However, in some situations, the columns you defined using user defined default values might not get replicated with those default values.

User Response: Use the information that other messages associated with this error provide to determine the cause of the error. Then, correct the problem, and run the job again.

**PWXEDM177174E ERROR: LOG POSITION DOES NOT EXIST FOR 'NEXT' CALL**

Explanation: An internal error occurred. The DB2 ECCR tried to locate a nonexistent position in the DB2 logs.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177194E INTERNAL ERROR: LOG POSITION IS NOT SET**

Explanation: An internal error occurred. The DB2 ECCR cannot determine where to start reading the DB2 log because a log starting position is not set.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177195E INTERNAL ERROR OF LOG READ MODULES**

Explanation: The DB2 ECCR encountered an internal error while using the log read modules.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177196W TRACE(MONITOR) CLASS(1) IS INACTIVE**

Explanation: The DB2 ECCR issued an IFCID 306 READS call but received reason code x'00E60832'. This reason code indicates that the IFCID required for the READS call is not active. The IFCID is usually activated when the DB2 ECCR initializes and issues the DB2 'START MONITOR(TRACE) CLASS(1)' command. In this case, another DB2 command might have stopped the trace.

System Action: When the DB2 ECCR detects this condition, it issues this message and restarts the trace.

User Response: No response is required because the DB2 ECCR usually restarts the required trace. If the ECCR cannot restart the trace, it abends.

**PWXEDM177198E PROPER DB2 AUTHORIZATION MISSING TO READ DB2 LOG WITH IFI READS CALLS**

Explanation: The DB2 ECCR cannot read the DB2 log. The ECCR might not have the DB2 privileges that are required to issue IFI READS calls.

System Action: The DB2 ECCR abends.

User Response: Grant the MONITOR2 privilege to the DB2 authorization ID that the DB2 ECCR uses. Then run the job again.

**PWXEDM177199E INTERNAL ERROR: IFI CALL WITH WQALMODF ISSUED WITHOUT RELEASING PREVIOUS POSITION**

Explanation: The DB2 ECCR encountered an internal error. Possibly, the DB2 ECCR issued an incorrect sequence of IFI READS calls when reading the DB2 log.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177200E INTERNAL ERROR: IFI CALL WITH WQALMODN ISSUED WITHOUT HAVING AN IFI POSITION**

Explanation: The DB2 ECCR encountered an internal error. Possibly, the DB2 ECCR issued an incorrect sequence of IFI READS calls when reading the DB2 log.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with a complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177201E INTERNAL ERROR: UNEXPECTED IFI REASON CODE IN IFCA FOR COMPRESSED DATA**

Explanation: While the DB2 ECCR was issuing calls to read the DB2 log with DB2 instrumentation facility interface (IFI) READS commands, the IFI returned an unexpected reason code in the IFCA.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.



**PWXEDM177202E RETRIES OF IFI READS CALL NOT SUCCESSFUL**

Explanation: The DB2 ECCR could not read the DB2 archive log by using DB2 IFI READS calls. Based on the IFI return code and reason code, the DB2 ECCR attempted to retry the IFI READS calls ten times. However, none of the retries were successful. This problem is caused by a DB2 error or a DB2 ECCR logic error.

System Action: The DB2 ECCR abends.

User Response: Collect all available information about the error. You can find the data set name of the unavailable DB2 log data set in the JESMSG LG print file of the DB2 master address space. Then contact Informatica Global Customer Support.

**PWXEDM177247E UNEXPECTED EYE-CATCHER IN R2PMAIN**

Explanation: The R2PMAIN control block is incorrectly initialized. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177248E QEDIT MACRO FAILED**

Explanation: The QEDIT macro failed because an internal error occurred.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177249E QEDIT MACRO FAILED**

Explanation: The QEDIT macro failed because an internal error occurred.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177253E INTERNAL ERROR**

Explanation: The DB2 ECCR encountered an unspecified internal error that caused the program to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177255E UNEXPECTED EYE-CATCHER IN DSNHDECP**

Explanation: The DSNHDECP control block is incorrectly initialized. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177257E UNEXPECTED RC IN R15 FROM ESTAE SETUP**

Explanation: The DB2 ECCR received an unexpected return code from the MVS ESTAE macro. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177258I CAPTURE PROGRAM OF DB2 REPLICATION ENDING BECAUSE OF STOP COMMAND**

Explanation: You issued an MVS STOP command to stop the DB2 ECCR.

System Action: The DB2 ECCR stops.

User Response: No response is required.

**PWXEDM177259W WAITING ON DB2 CONNECTION**

Explanation: The DB2 ECCR could not connect to DB2. Probably, the DB2 is not started.

System Action: The DB2 ECCR periodically attempts to connect to DB2.

User Response: If appropriate, start DB2.

**PWXEDM177262I Previous version-mode '*previous\_DB2\_version\_mode (0xhex\_value)*' now set to '*new\_DB2\_version\_mode (0xhex\_value)*'.**

Explanation: After the DB2 for z/OS source system was migrated to a new DB2 version and mode, a warm start of the DB2 ECCR failed. In coordination with Informatica Global Customer Support, you determined that the migration path was valid and the warm start should have succeeded. Support instructed you to add a parameter to the REPL2OPT data set as a workaround. This message indicates that the ECCR then successfully processed the new DB2 version and mode.

System Action: The DB2 ECCR starts and begins processing change data.

User Response: No response is required.

**PWXEDM177263E Cannot warm start ECCR from '*Vprevious\_DB2\_version mode(0xhex\_value)*' to '*Vnew\_DB2\_version mode (0xhex\_value)*'.**

Explanation: The DB2 for z/OS source system was migrated to a new DB2 for z/OS version and mode from a previous DB2 version and mode. However, the migration path between these DB2 versions and modes is not valid. As a result, an attempt to warm start the DB2 for z/OS ECCR after the migration failed with this error message. For example, this failure could occur if you migrated from DB2 Version 11 conversion mode to DB2 Version 11 new-function mode.

System Action: The DB2 ECCR ends abnormally.

User Response: Cold start the ECCR, or ensure that the migration from the earlier DB2 version and mode to the later DB2 version and mode is valid. If you need assistance, contact Informatica Global Support.

**PWXEDM177264W No previous DB2 version-mode found. reason.**

Explanation: The first time the DB2 ECCR was warm started after the DB2 for z/OS source system was migrated to a new DB2 version and mode, the ECCR was unable to fetch the previous DB2 version and mode from the PowerExchange Logger for one of the following reasons:

- Logger sequence does not contain old version-mode.
- Not requested from Logger.
- Logger has no sequence information.

System Action: The DB2 ECCR continues processing.

User Response: No response is required.

**PWXEDM177265I PROCESSING IS COMPLETE**

Explanation: The DB2 ECCR completed its processing.

System Action: The DB2 ECCR ends.

User Response: No response is required.

**PWXEDM177266E Skipping from log loc rba\_or\_lrsn to loc rba\_or\_lrsn**

Explanation: The DB2 ECCR detected a gap in the DB2 log data set while sequentially processing the log. This message identifies the RBAs, or LRSNs, that bound the gap. The DB2 ECCR skips from the first log RBA or LRSN specified in this message to the second log RBA or LRSN.

System Action: The DB2 ECCR tries to continue.

User Response: Determine why the DB2 log has a gap. Ensure that all of the log records required for change capture processing are available. Also ensure that data consistency exists between the source and target tables. If source and target data is not consistent, repopulate the target tables.

**PWXEDM177267I STARTING AT DB2 LOG LOCATION=rba\_or\_lrsn**

Explanation: The DB2 ECCR started processing the DB2 log at the specified RBA or LRSN location.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177268I LAST READ DB2 LOG LOCATION=rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number**

Explanation: This message identifies the location of the last DB2 log record that the DB2 ECCR processed for the last successful commit. In a data-sharing environment, the LRSN and data-sharing member ID are reported. The *datasharing\_member\_id* is 0 if data sharing is not used.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177276I DB2 CAPTURE ENDING DUE TO reason**

Explanation: The DB2 ECCR capture program is ending for the specified reason. The *reason* variable can be one of the following values:

- XO29159 SUBTASK TERMINATION
- DB2 STOPPING

- A "STOP CAPT" NOTIFICATION
- REACHING "STOPAPT" LOCATION
- MVS STOP COMMAND
- CAPTURE QUIESCE COMMAND

System Action: The DB2 ECCR ends.

User Response: No response is required.

#### **PWXEDM177281I LOG POSITION BEFORE REFRESH PROCESSING FOLLOWS**

Explanation: An MVS MODIFY *jobname*,REFRESH command was issued to the DB2 ECCR. The next message indicates the position of the DB2 ECCR in the DB2 log just prior to refresh processing.

System Action: The DB2 ECCR refreshes its control information based on the newest versions of the REPL2CTL and REPL2OPT files.

User Response: No response is required.

#### **PWXEDM177282I BEGIN DB2 CAPTURE TERMINATION**

Explanation: The DB2 ECCR is beginning termination.

System Action: The DB2 ECCR ends.

User Response: No response is required.

#### **PWXEDM177283I Begin DB2 ECCR *type* processing.**

Explanation: The DB2 ECCR is beginning the specified type of processing. The *type* variable can be one of the following values:

- WARM start
- COLD start
- SPECIAL start
- REFRESH

System Action: ECCR continues processing.

User Response: No response is required.

#### **PWXEDM177284I Begin phase *phase of eccr\_start\_type* processing.**

Explanation: The DB2 ECCR is starting the specified phase of cold start or special start processing. In the message text, *phase* is a number from 0 to 6, and *eccr\_start\_type* is either COLD start or SPECIAL start.

System Action: DB2 ECCR startup processing continues.

User Response: No response is required.

#### **PWXEDM177286I DIRECTORY *processing\_type* status.**

Explanation: This message reports the status of DB2 ECCR cleanup of update processing of the capture directory tables. In the message text, *processing\_type* is either cleanup or update, and *status* is either begins or ends.

System Action: The DB2 ECCR continues.

User Response: No response is required.

**PWXEDM177289I DB2\_catalog\_table access status.**

Explanation: The DB2 ECCR either started or finished accessing the specified DB2 catalog table. In the message text, *DB2\_catalog\_table* is one of the following values: SYSTABLESPACE, SYSTABLES, SYSCOLUMNS, SYSFIELDS, or Tablespace VSAM cluster. The *status* value is either begins or ends.

System Action: DB2 ECCR processing continues.

User Response: No response is required.

**PWXEDM177290I SYSTABLEPART access status [for database\_name.tablespace\_name].**

Explanation: The DB2 ECCR either started or finished accessing the DB2 catalog table SYSIBM.SYSTABLEPART for the specified database and partitioned tablespace. In the message text, *status* is either begins or ends.

System Action: DB2 ECCR processing continues.

User Response: No response is required.

**PWXEDM177294I Verifying consistency of DB2 catalog definitions.**

Explanation: The DB2 ECCR is verifying the consistency of the DB2 catalog definitions.

System Action: DB2 ECCR processing continues.

User Response: No response is required.

**PWXEDM177295I Catalog definitions have changed - retrying phase 2.**

Explanation: The DB2 catalog definitions that the DB2 ECCR retrieved have changed between phase 2 and phase 3 of ECCR cold start processing. This situation can occur when you have not bound all of the required DB2 packages with the ISOLATION option.

System Action: The ECCR repeats phase 2 of startup processing, which increases the startup processing time.

User Response: For more information about the ISOLATION option and the DB2 packages that need to be bound, see the *PowerExchange CDC Guide for z/OS*. Ensure that you use the ISOLATION(RR) option to bind all of the DB2 packages that need to be bound. Then, cold start the ECCR again.

**PWXEDM177297I Searching for the COLD start timestamp in the DB2 log.**

Explanation: The DB2 ECCR is searching for the record that identifies the ECCR cold start timestamp in the DB2 log. The cold start timestamp is in a log record that is written between phase 2 and phase 3 of cold start processing.

System Action: DB2 ECCR processing continues.

User Response: No response is required.

**PWXEDM177305I ECCR\_start\_type aborted by DB2 or MVS STOP command.**

Explanation: A cold start or special start of the DB2 ECCR ended abnormally for one of the following reasons:

- DB2 stopped running during DB2 ECCR startup processing.

	<ul style="list-style-type: none"> <li>Someone issued an MVS STOP command to stop the DB2 ECCR.</li> </ul>
System Action:	The DB2 ECCR stops running.
User Response:	No response is required.
<b>PWXEDM177310I</b>	<b><i>ECCR_processing_type</i> complete.</b>
Explanation:	This message reports that the specified type of DB2 ECCR processing is complete. In the message text, <i>ECCR_processing_type</i> is one of the following values: <ul style="list-style-type: none"> <li>WARM start</li> <li>COLD start</li> <li>SPECIAL start</li> <li>REFRESH</li> </ul>
System Action:	The DB2 ECCR continues.
User Response:	No response is required.
<b>PWXEDM177313E</b>	<b>{START STARTLOC=   STOPAFT LOGLOC=} value must be 20 hex characters.</b>
Explanation:	An invalid RBA value is specified for one of the following DB2 ECCR control statements: <ul style="list-style-type: none"> <li>The START STARTLOC control statement in the data set that is allocated by the REPL2OPT DD statement in the ECCR JCL</li> <li>The STOPAFT LOGLOC control statement in the data set that is allocated by the REPL2CTL DD statement in the ECCR JCL</li> </ul> The value must consist of 20 hexadecimal characters.
System Action:	The ECCR ignores the specified control statement.
User Response:	To use the optional START STARTLOC or STOPAFT LOGLOC control statement, enter a value that consists of 20 hexadecimal characters.
<b>PWXEDM177314I</b>	<b>Accessing DB2 log at requested location <i>DB2_log_location</i>.</b>
Explanation:	After a special start of the DB2 ECCR, the ECCR started processing the DB2 log at the specified RBA or LRSN location.
System Action:	ECCR processing continues.
User Response:	No response is required.
<b>PWXEDM177323I</b>	<b>CREATE DESCRIPTIONS BASED ON DB2 CATALOG</b>
Explanation:	The DB2 ECCR special-start process is creating descriptions of the primary (source) tables from information in the DB2 catalog.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM177325I</b>	<b>CREATE DESCRIPTIONS BASED ON PRE-EXISTING CAPTURE DIRECTORY INFO</b>
Explanation:	The DB2 ECCR special-start process is creating descriptions of the primary (source) tables from preexisting capture directory information.
System Action:	Processing continues.

User Response: No response is required.

**PWXEDM177327I VERIFY EXISTENCE OF TABLE AND COLUMN NAMES**

Explanation: The DB2 ECCR is verifying the existence of the tables and columns identified on ST, SC and SE control records in the //REPL2CTL file.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177328I Begin maintenance of TCAPSTATUS table.**

Explanation: The DB2 ECCR is beginning maintenance of the TCAPSTATUS capture directory table.

System Action: ECCR processing continues.

User Response: No response is required.

**PWXEDM177331E START OF CAPTURE PROGRAM ABORTED BY A DB2 STOP OR AN MVS STOP COMMAND**

Explanation: The DB2 ECCR special-start process terminated abnormally because you performed one of the following actions:

- You stopped DB2 during the DB2 ECCR special-start process.
- You issued an MVS STOP command to stop the DB2 ECCR.

System Action: The DB2 ECCR abends.

User Response: No response is required.

**PWXEDM177336E TCAPCOLUMNS ROWS ARE MISSING**

Explanation: The DB2 ECCR special-start process detected a description of a table that has no columns in the capture directory tables.

System Action: The DB2 ECCR abends.

User Response: Ensure that the capture directory tables are updated only by the DB2 ECCR and the capture directory maintenance utility. Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177338E VALUE OF STARTLOC IS TOO HIGH**

Explanation: In the DB2 ECCR REPL2OPT configuration file, the STARTLOC keyword in the START statement specifies an RBA value greater than the highest RBA value in the log.

System Action: The DB2 ECCR abends.

User Response: Correct the RBA value in the STARTLOC keyword of the START statement and run the job again.

**PWXEDM177340I MAINTENANCE OF CAPTURE DIRECTORY IS COMPLETE**

Explanation: The DB2 ECCR warm-start process completed the maintenance of the capture directory tables.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177343I MAINTENANCE OF CAPTURE DIRECTORY IS COMPLETE**

Explanation: The DB2 ECCR refresh process completed the maintenance of the capture directory tables.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177345W FOLLOWING CAPTURE DEFINITIONS ARE BEING DROPPED**

Explanation: During a start or refresh process, the DB2 ECCR detected that one or more source registration that had previously been registered for capture is no longer registered for capture. This message is followed by message PWXEDM177346I which lists the table that has been dropped.

User Response: Processing continues.

System Action: No response is required.

**PWXEDM177346I CR=*crid* ST=*creator.table***

Explanation: This message identifies the source table that was deleted from or added to capture processing. The *crid* variable identifies the capture request ID.

User Response: Processing continues.

System Action: No response is required.

**PWXEDM177349I FOLLOWING CAPTURE DEFINITIONS ARE BEING ADDED**

Explanation: During its start or refresh process, the DB2 ECCR detected that new ST definitions were added.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177350E DIRECTORY CAN NOT BE PROPERLY ACCESSED**

Explanation: The DB2 ECCR cannot access the capture directory table.

System Action: The DB2 ECCR abends.

User Response: Use the information from the other messages associated with this error to determine the cause of the failure. Then, correct the problem, and run the job again.

**PWXEDM177351E ROLLBACK HAS FAILED**

Explanation: The DB2 ECCR initialized a rollback process, and the DB2 rollback failed.

System Action: The DB2 ECCR abends.

User Response: Use the information from the other messages associated with this error to determine the cause of the failure. Then, correct the problem, and run the job again.

**PWXEDM177352E CAPTURE PROGRAM CANCELED BY OPERATOR**

Explanation: You entered CANCEL for message PWXEDM177347A.

System Action: The DB2 ECCR abends.

User Response: No response is required.



**PWXEDM177353E CAPTURE PROGRAM STOPPED**

Explanation: The DB2 ECCR stopped the start or refresh process because you performed one of the following actions:

- You stopped DB2 during the DB2 ECCR start or refresh process.
- You issued an MVS STOP command to stop the DB2 ECCR.

System Action: The DB2 ECCR abends.

User Response: No response is required.

**PWXEDM177360E CAPTURE PROGRAM ABENDS AFTER MULTIPLE RETRIES**

Explanation: The DB2 ECCR accessed the DB2 catalog to get descriptions of the source tables. However, the descriptions were inconsistent, probably because DDL changes were occurring on the tables at the same time as the ECCR was accessing the catalog. The ECCR tried several more times to get consistent table descriptions. Because these attempts were also unsuccessful, the ECCR abends.

System Action: The DB2 ECCR abends.

User Response: Restart the DB2 ECCR when less DDL activity is occurring. If this action does not correct the problem, collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**PWXEDM177361E CAPTURE PROGRAM STOPPED**

Explanation: The DB2 ECCR stopped startup or refresh processing because of one of the following actions:

- DB2 was stopped during the DB2 ECCR start or refresh process.
- An MVS STOP command was issued to stop the DB2 ECCR.

System Action: The DB2 ECCR abends.

User Response: No response is required.

**PWXEDM177368W *catalog\_table* row not found in DB2 catalog**

Explanation: The DB2 ECCR could not find a row in one of the following DB2 catalog tables:

- SYSTABLESPACE
- SYSCOLUMNS
- SYSFIELDS

This issue can occur during ECCR warm start or refresh processing in the following situations:

- A new capture registration is being processed for a table that was dropped or that was altered in a way that is inconsistent with the capture registration prior to the warm start or refresh command.
- DDL activity is occurring against the table or its table space.

System Action: The DB2 ECCR abends.

User Response: For the first situation, verify that the capture registration for the table matches the current table definition. If the table was dropped, delete the capture registration and warm start the DB2 ECCR. For the second situation, try to warm start the ECCR. If the ECCR fails again, complete the recommended actions for the first situation.

**PWXEDM177371W TABLE 'creator.table\_name' does not exist in DB2 catalog**

Explanation: The DB2 ECCR cannot find a description of the specified table in the DB2 catalog. This issue can occur during warm start or refresh processing in the following situations:

- A new capture registration is being processed for a table that was dropped prior to the warm start or the refresh command.
- DDL activity is occurring against the table or its table space during the warm start or refresh process.

System Action: The DB2 ECCR abends.

User Response: For the first situation, delete the capture registration and warm start the DB2 ECCR. For the second situation, just warm start the DB2 ECCR.

**PWXEDM177372W Table 'creator.table\_name' inconsistent definitions**

Explanation: The DB2 ECCR attempted to get a description of the specified table from the DB2 catalog. However, the description was inconsistent. This situation can occur when DDL activity is updating the catalog descriptions at the same time the DB2 ECCR is trying to access the descriptions.

System Action: The DB2 ECCR abends.

User Response: Look for prior messages in the DB2 ECCR output that concern this table. Then perform the actions that these messages suggest.

**PWXEDM177373W Table 'creator.table\_name' DB2 catalog definition not available at ECCR startup**

Explanation: When the DB2 ECCR started, it tried to get a description of the specified table from the DB2 catalog. However, a table description was not available. As a result, the ECCR cannot capture change data for this table. This situation can occur during warm start or refresh processing when a new capture registration is being processed for a table that was created, or dropped and re-created, after the point in the log that the ECCR is processing for the warm start or refresh process.

System Action: The DB2 ECCR abends.

User Response: Delete the capture registration and warm start the DB2 ECCR. After the ECCR processes past the point in the log where the table was first created or re-created, you can redefine the capture registration and refresh the ECCR .

**PWXEDM177376I TABLE 'creator.table\_name' not found in DB2 catalog**

Explanation: The DB2 ECCR cannot find a description of the specified table in the DB2 catalog even though this table is registered for change data capture. This situation is normal if the table did not exist when the current DB2 log records were written.

The DB2 ECCR cannot capture change data for the specified table until it finds and reads log records with a CREATE TABLE statement for this table.

System Action: DB2 ECCR processing continues. However, no change data is captured for the specified table.

User Response: No response is required. However, if you want to capture change data for the table, verify that the table name is correctly specified in the capture registration or issue DDL to create the table.

**PWXEDM177377E TWO TABLES WITH SAME DBID/PSID/OBID IN TCAPTABLES**

Explanation: In the DB2 ECCR TCAPTABLES capture directory table, the table descriptions for two tables have the same combination of DB2 DBID, PSID, and OBID values. The PWXEDM177378E message provides the names of these two tables.

System Action: The DB2 ECCR abends.

User Response: To bypass this error, delete all rows that describe one of the tables from the TCAPTABLES table. Then start the DB2 ECCR again. Also ensure that only the DB2 ECCR updates the capture directory tables.

**PWXEDM177378E 'creator.table1' and 'creator.table2'**

Explanation: This message accompanies error message PWXEDM177377E and identifies the two tables to which the error pertains.

System Action: The DB2 ECCR abends.

User Response: For more information about the error, see message PWXEDM177377E.

**PWXEDM177379E DELETE ONE OF THE TWO TABLES FROM TCAPTABLES**

Explanation: In the DB2 ECCR TCAPTABLES capture directory table, you must delete all rows for one of the two tables that are identified in message PWXEDM177378E. For a description of the error that requires this deletion, see message PWXEDM177377E.

System Action: The DB2 ECCR abends.

User Response: Delete all of the rows for one of the tables in the TCAPTABLES table. Then start the DB2 ECCR again.

**PWXEDM177383E R2PASH TABLE SEARCH FAILED FOR DBID=*dbid* PSID=*psid* OBID=*obid***

Explanation: An internal error occurred. The DB2 ECCR R2PASH search function for the specified DBID, PSID, and OBID failed.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177384E TCAPCOLUMNS ROWS NOT FOUND IN CAPTURE DIRECTORY**

Explanation: The capture directory describes a table that has no columns defined. A table must have at least one column defined in the capture directory.

System Action: The DB2 ECCR abends.

User Response: Ensure that only the DB2 ECCR or the capture directory utility update the capture directory tables. You can bypass this problem by deleting the capture registration for the table and then deleting the row for this table in the TCAPTABLES table. Then restart the DB2 ECCR, re-create the capture registration, and refresh the ECCR.

**PWXEDM177385E SEQUENCE-ERROR FOR TCAPCOLUMNS ROWS IN CAPTURE DIRECTORY**

Explanation: The DB2 ECCR found the descriptions of the table columns are not in the expected sequence in the TCAPCOLUMNS capture directory table.

System Action: The DB2 ECCR abends.

User Response: Ensure that only the DB2 ECCR or the capture directory utility update the capture directory tables. You can bypass this problem by deleting the capture registration for the table and then deleting the row for this table in the TCAPTABLES table. Then restart the DB2 ECCR, re-create the capture registration, and refresh the ECCR.

**PWXEDM177386E TCAPFIELDS ROW NOT FOUND IN CAPTURE DIRECTORY**

Explanation: The DB2 ECCR did not find a row in the TCAPFIELDS capture directory table.

System Action: The DB2 ECCR abends.

User Response: Ensure that only the DB2 ECCR or the capture directory utility update the capture directory tables. You can bypass this problem by deleting the capture registration for the table and then deleting the row for this table in the TCAPTABLES table. Then restart the DB2 ECCR, re-create the capture registration, and refresh the ECCR.

**PWXEDM177387E TABLE '*creator.table*' DOES NOT EXIST IN CAPTURE DIRECTORY**

Explanation: The DB2 ECCR cannot find a description of the specified table in the capture directory tables.

System Action: The DB2 ECCR abends.

User Response: Ensure that only the DB2 ECCR or the capture directory utility update the capture directory tables. You can bypass this problem by deleting the capture registration for the table and then deleting the row for this table in the TCAPTABLES table. Then restart the DB2 ECCR, re-create the capture registration, and refresh the ECCR.

**PWXEDM177388W TABLE '*creator.table\_name*' INCONSISTENT DEFINITIONS**

Explanation: While getting a description of the specified table from the capture directory tables, the DB2 ECCR determined that the description was not consistent.

System Action: The DB2 ECCR abends.

User Response: For more information about the error, see other messages that address this table.

**PWXEDM177389W TABLE '*creator.table\_name*' COLUMN DESCRIPTIONS MISSING**

Explanation: The DB2 ECCR cannot find a description of the columns for the specified source table in the capture directory table. This error might be caused by an ALTER TABLE statement that dropped or changed some columns in the table.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177390W TABLE '*creator.table\_name*' UNUSABLE DEFINITION CR=*capture\_request***

Explanation: The DB2 ECCR cannot find in a usable definition for the specified table and capture request (CR) in the capture directory.

System Action: The DB2 ECCR abends.

User Response: For more information about this error, see the associated error messages. Ensure that the capture registration definition is correct. Then start the DB2 ECCR again.

You can bypass this problem by deleting the capture registration for the table and then deleting the row for this table in the TCAPTABLES capture directory table. Then restart the DB2 ECCR, re-create the capture registration, and refresh the DB2 ECCR.

**PWXEDM177391E TABLE '*creator.table\_name*' COLUMN '*column\_name*' NOT FOUND**

Explanation: The DB2 ECCR cannot find a description of the specified column in the capture directory table.

System Action: The DB2 ECCR abends.

User Response: For more information about the error, see the associated error messages. Ensure that the capture registration definition is correct. Then start the DB2 ECCR again.

You can bypass this problem by deleting the capture registration for the table and then deleting the row for this table in the TCAPTABLES capture directory table. Then restart the DB2 ECCR, re-create the capture registration, and refresh the DB2 ECCR.

**PWXEDM177392E INVALID CALL FUNCTION FOR X029242**

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177395E UNEXPECTED VALUE IN COLTYPE COLUMN OF TCAPCOLUMNS TABLE**

Explanation: The DB2 ECCR found an incorrect value in the COLTYPE column of the TCAPCOLUMNS table. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177396E UNEXPECTED VALUE IN FLDTYPE COLUMN OF *table\_name* TABLE**

Explanation: The DB2 ECCR found an incorrect value in the FLDTYPE column of the *table\_name* table, where *table\_name* is either TCAPFIELDS or SYSFIELDS. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177398E TABLE '*creator.table\_name*' PROBABLY NOT DEFINED WITH "DATA CAPTURE CHANGES"**

Explanation: The specified DB2 table might not have been defined with the DATA CAPTURE CHANGES attribute. The DB2 ECCR requires this attribute for change data capture.

System Action: See the associated messages to determine how the DB2 ECCR responds.

User Response: If the table was not defined with the DATA CAPTURE CHANGES attribute, use an ALTER TABLE statement to specify the DATA CAPTURE CHANGES attribute on the table. Afterwards, the ECCR continues to issue this message each time it starts or gets a refresh request, until it encounters the first change record for the table.

**PWXEDM177399E TABLE '*creator.table\_name*' COLUMN '*column\_name*' NOT DEFINED**

Explanation: The DB2 ECCR cannot find the specified column in the TCAPCOLUMNS table or in the DB2 catalog.

System Action: The DB2 ECCR continues processing until it reads the next change record for the table. Then the ECCR abends.

User Response: Correct the column specification in the capture registration. Then warm start the DB2 ECCR.

**PWXEDM177400I LAYOUT OF //REPL2OPT CONTROL RECORDS:**

Explanation: The DB2 ECCR is starting the model layout of the possible control statements from the //REPL2OPT file.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177401I START OF REPL2OPT CONTROL STATEMENTS**

Explanation: The DB2 ECCR started processing the configuration statements in the REPL2OPT data set. This message precedes a list of the configuration statements. The list includes any syntax or other errors in the statements.

System Action: Processing continues.

User Response: If a configuration statement contains an error, correct the statement in the REPL2OPT data set.

**PWXEDM177402I END OF REPL2OPT CONTROL STATEMENTS**

Explanation: The DB2 ECCR completed processing the REPL2OPT configuration statements.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177403I LAYOUT OF //REPL2CTL CONTROL RECORDS:**

Explanation: The DB2 ECCR is starting the model layout of the possible control statements from a //REPL2CTL file.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177404I START OF REPL2CTL CONTROL STATEMENTS**

Explanation: The DB2 ECCR started processing the control statements in the REPL2CTL data set. This message precedes a list of the control statements that you or the ECCR created. The list includes any syntax or other errors in the statements.

**Note:** A control statement that the DB2 ECCR created is identified by the text `** SYSTEM GENERATED **`.

System Action: Processing continues.

User Response: If a control statement contains an error, correct the statement in the REPL2CTL data set.

**PWXEDM177405I END OF REPL2CTL CONTROL STATEMENTS**

Explanation: The DB2 ECCR completed processing the REPL2CTL control statements.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177406I \*\*\* ABOVE STATEMENT {HAS BEEN DEPRECATED | IS IGNORED DURING REFRESH PROCESSING | OPT=Y CAN MISS EVENTS. USE WITH CAUTION}**

Explanation: This message reports some noteworthy condition about the preceding DB2 for z/OS ECCR control or configuration statement. The message reports any one of the following conditions:

- The statement is deprecated.
- The ECCR is ignoring the statement during ECCR REFRESH command processing.
- The IFI306 OPT=Y statement was specified and might cause the ECCR to not capture events such as a DB2 QUIESCE operation.

System Action: The DB2 ECCR does not use the statement.

User Response: No response is required. However, if you want the ECCR to use a statement that has not been deprecated, wait until refresh processing finishes and then restart of the DB2 ECCR.

**PWXEDM177407E \*\*\* ERROR: error\_text**

Explanation: The DB2 ECCR found an error in a configuration statement in the REPL2OPT data set. The DB2 ECCR displays the erroneous statement. This message indicates the reason for the error.

System Action: The DB2 ECCR abends with abend code U3680.

User Response: Correct the statement that has the error, and start the DB2 ECCR again. For more information about REPL2OPT statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177408E \*\*\* ERROR: error\_text**

Explanation: The DB2 ECCR found an error in a configuration statement in the REPL2OPT data set. The DB2 ECCR displays the erroneous statement. This message indicates the reason for error.

System Action: The DB2 ECCR abends with abend code U3680.

User Response: Correct the statement that has the error, and start the DB2 ECCR again. For more information about REPL2OPT statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177409E \*\*\* ERROR: error\_text**

Explanation: The DB2 ECCR found an error in a control statement in the REPL2CTL data set. The DB2 ECCR displays the erroneous statement. This message indicates the reason for the error.

System Action: The DB2 ECCR abends with abend code U3680.

User Response: Correct the statement that has the error, and start the DB2 ECCR again. For more information about REPL2CTL statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177410E \*\*\* ERROR: error\_text**

Explanation: The DB2 ECCR found an error in a control statement in the REPL2CTL data set. This message indicates the reason for the error.

System Action: The DB2 ECCR abends with abend code U3680.

User Response: Correct the statement that has the error, and start the DB2 ECCR again. For more information about REPL2CTL statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177411E \*\*\* ERROR: error\_text**

Explanation: The DB2 ECCR found an error in a control statement in the REPL2CTL data set. This message indicates the reason for the error.

System Action: The DB2 ECCR abends with abend code U3680.

User Response: Correct the statement that has the error, and start the DB2 ECCR again. For more information about REPL2CTL statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177412E \*\*\* ERROR: *error\_text***

Explanation: The DB2 ECCR found an error in a control statement in the REPL2CTL data set. The DB2 ECCR displays the erroneous statement. This message indicates the reason for the error.

System Action: The DB2 ECCR abends with abend code U3680.

User Response: Correct the statement that has the error, and start the DB2 ECCR again. For more information about REPL2CTL statements, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177421E X029260 CALLED FOR UNEXPECTED CATALOG TABLE *table\_name* (ID=*internal\_id*)**

Explanation: An internal error occurred. The X029260 module issued a call for a DB2 catalog table with an incorrect table name.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177423E TCAPTABLESPACE HAS NO CURRENT ROW FOR DB=*database* TS=*table\_space***

Explanation: While processing log records that describe DDL changes, the DB2 ECCR could not find a row in the TCAPTABLESPACE capture directory table for the specified DB2 table space.

System Action: The DB2 ECCR continues processing. However, it cannot capture changes from tables in the specified table space.

User Response: Ensure that only the DB2 ECCR or the capture directory utility update the capture directory tables.

**PWXEDM177424E CAPTURE WILL NOT SUCCEED FOR TABLE '*creator.table\_name*'**

Explanation: While processing log records that describe DDL changes, the DB2 ECCR could not find a row in the TCAPTABLESPACE capture directory table for the table space that contains the specified table.

System Action: The DB2 ECCR continues processing. However, the ECCR cannot capture changes for the specified table.

User Response: Ensure that only the DB2 ECCR or the capture directory utility updates the capture directory tables.

**PWXEDM177425E NO CURRENT TCAPTABLES ROW FOR TABLE '*creator.table*'**

Explanation: While processing log records that describe DDL changes, the DB2 ECCR could not find a row in the TCAPTABLES capture directory table for the specified table.

System Action: The DB2 ECCR continues processing. However, the ECCR cannot capture changes for the specified table.

User Response: Ensure that only the DB2 ECCR or the capture directory utility updates the capture directory tables.



**PWXEDM177426E UNEXPECTED TABLE NAME IN TCAPWORK ROW**

Explanation: An internal error occurred. The DB2 ECCR found an incorrect table name in a row of the TCAPWORK capture directory table.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177428E UNEXPECTED VALUE IN UPTYPE COLUMN OF A TCAPWORK ROW**

Explanation: An internal error occurred. The DB2 ECCR found an incorrect value in the UPTYPE column of a row in the TCAPWORK capture directory table.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177430E DIRECTORY cannot be properly accessed by *program\_name***

Explanation: The specified program cannot access a capture directory table to get information for DB2 ECCR processing.

System Action: The DB2 ECCR abends.

User Response: For more information about this error, see the associated messages. Then try to correct the error and run the job again.

**PWXEDM177431E ROLLBACK HAS FAILED IN *program\_name***

Explanation: The DB2 ECCR initiated a rollback process, but the rollback failed in the specified program.

System Action: The DB2 ECCR abends.

User Response: For more information about this error, see the associated messages. Then try to correct the problem and run the job again.

**PWXEDM177436I No UOWs found**

Explanation: This message is reported if the DB2 ECCR URID command was issued to display open UOWs for the DB2 subsystem or data-sharing group but the ECCR could not find any open UOW.

This message might also be reported during ECCR processing of a DISPLAY or REFRESH command.

System Action: The DB2 ECCR ignores the command. Processing continues.

User Response: No response is required.

**PWXEDM177437I OPEN UOWs**

Explanation: This message introduces a list of open UOWs that the DB2 ECCR displays in response to a URID command.

This message can also be issued during ECCR processing of a DISPLAY or REFRESH command.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177438I    *urid status last activity at last\_log\_position is activity\_type***

**Explanation:** The DB2 ECCR displays a DB2 unit-of-recovery ID (URID) and an internal status code for each unit of recovery (UR) that is active at the time you issued the `F DB2 eccr-name,URID` command. The DB2 URID is the same as the PowerExchange Logger unit of work (UOW).

This message can also be generated during Statistics and Refresh processing.

This message contains the following variables:

- *urid* is the DB2 unit-of-recovery ID (URID) for the UR.
- *status* is one of the following values:
  - ABORT. The UOW was aborted, and no change data is available to capture.
  - OPEN. Change data is available to capture, but no Begin UOW record has been received.
  - POTENTIAL. The Begin UOW was received, but no change data is available to capture yet.
  - ROLLBACK. The UOW was rolled back, but change data is available to capture.
  - TRANSMIT. The DB2 ECCR is sending change data for this UOW to the Logger for MVS.
  - UNRESOLVED. No *urid* value was encountered during the DB2 ECCR run. The ECCR records a URID value of PENDING for the specified UOW. When a UOW is outstanding, PowerExchange issues message PWXEDM177440W. This situation can occur if in-flight units of work exist when the previous occurrence of the DB2 ECCR is shut down, usually not with a QUIESCE.
- *last\_log\_position* is the RBA or LRSN of the last record that was processed for this UOW.
- *activity\_type* is one of the following values:
  - Begin UOW
  - End UOW
  - Data
  - Abort UOW
  - Begin Phase1
  - End Phase1
  - Begin Phase2
  - Phase 1/2 Tran
  - End Todo

**System Action:** Processing continues.

**User Response:** Use this information to diagnose problems with UOWs that do not end properly, such as persistent outstanding UOWs.

If the message displays a valid *urid* value, you can use the DB2 ECCR TERM command to commit the UR. If the message reports a URID value of PENDING, you must use the Logger RESOLVE\_INDOUBT command to commit or discard the UR. In this case, the next time the DB2 ECCR is restarted, it receives the result of the RESOLVE\_INDOUBT command. After the restart, the resolved entries no longer show up in the output from the URID command and do not affect the restart point for the DB2 ECCR.

**PWXEDM177439I UOW *uowid.data\_sharing\_member\_id* {TERMINATED | ABORTED}**

Explanation: If this message displays "TERMINATED," the DB2 ECCR TERM command was issued. The command causes the DB2 ECCR to stop processing the transaction with the specified UOWID. The DB2 ECCR does not create UOW records that correspond to the specified UOWID for the PowerExchange Logger.

If this message displays "ABORTED," a currently logged UOW was encountered during a DB2 ECCR warm start. As a result, an ABORT record for the currently logged copy of the UOW is sent to the PowerExchange Logger.

System Action: If this message displays "TERMINATED," the DB2 ECCR stops processing the specified UOWID and sends a record to the PowerExchange Logger that causes the PowerExchange Logger to treat this UOWID as if it were aborted. If you previously used the PowerExchange Logger RESOLVE\_INDOUBT command to terminate the transaction, the state of the transaction in the PowerExchange Logger remains unchanged.

If this message displays "ABORTED," the DB2 ECCR sends an ABORT record for the current UOWID to the PowerExchange Logger and then sends the entire UOW to the PowerExchange Logger again.

User Response: No response is required.

**PWXEDM177440W No BEGIN UOW for *uowid.data\_sharing\_member\_id* at log location *rba\_or\_rsn.data\_sharing\_member\_id.sequence\_number***

Explanation: In the specified DB2 log, the DB2 ECCR encountered a change record for a UOWID that does not have a BEGIN UOW entry. The DB2 ECCR does not send the change record to the PowerExchange Logger.

System Action: The DB2 ECCR continues processing but does not process this change record.

User Response: No response is required.

**PWXEDM177441W UOW *uowid.data\_sharing\_member\_id* not active**

Explanation: The DB2 ECCR TERM command was entered for the specified UOW. However, this UOW is not active. The UOW might not be specified correctly in the command.

System Action: The DB2 ECCR continues processing and ignores the TERM command for the specified UOW.

User Response: Issue the URID command to get a list of all active UOWs. Then issue the TERM command again with the correct specification for an active UOW.

**PWXEDM177442E BEGIN UOW OCCURRED OUT OF SEQUENCE: *uowid.data\_sharing\_member\_id***

Explanation: The DB2 ECCR received a begin UOW request for the specified UOWID. However, a begin UOW request was already received for this UOWID. The DB2 ECCR can process only one UOW request for a UOWID at a time.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177443E UPDATE OUT OF SEQUENCE. UOW *uowid.data\_sharing\_member\_id* IN ABORT STATUS**

Explanation: An update was made to a source table while the DB2 ECCR was processing the specified UOW in Abort status.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177444E Error deleting old outstanding UOW *uowid.sequence\_number.data\_sharing\_member\_id***

Explanation: The DB2 ECCR capture program tried to delete an old outstanding UOW that the ECCR had previously reconciled with the data in the DB2 log. However, the deletion was unsuccessful.

System Action: The DB2 ECCR abends with additional messages.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing.

**PWXEDM177445E INVALID STATUS (*status*) ENCOUNTERED FOR UOW *uow\_id.data\_sharing\_member\_id***

Explanation: The specified UOW has a DB2 ECCR internal status that is not valid at some point in CDC processing. The *status* variable represents one of the following values:

- ABORT. The UOW was aborted, and no change data is available to capture.
- OPEN. Change data is available to capture, but no Begin UOW record has been received.
- POTENTIAL. The Begin UOW record has been received, but no change data is available to capture yet.
- ROLLBACK. The UOW was rolled back, but change data is available to capture.
- TRANSMIT. The DB2 ECCR is sending change data for the UOW to the PowerExchange Logger for MVS.
- UNRESOLVED. No *urid* value was encountered during the DB2 ECCR run. The ECCR records a URID value of PENDING for the specified UOW. When a UOW is outstanding, PowerExchange issues message PWXEDM177440W. This situation can occur if in-flight units of work exist when the previous occurrence of the DB2 ECCR is shut down, usually without specifying QUIESCE.

System Action: The DB2 ECCR ends abnormally.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177446E DISCARDING PREVIOUS UNPAIRED LOG RECORD FROM *log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence number***

Explanation: While processing DB2 log records, the DB2 ECCR detected that a log record was not paired with a continuation record. This error can occur in the following situations:

- The DB2 ECCR just completed a cold start.
- The DB2 ECCR just completed a warm start or refresh process under the following conditions:
  - New capture registrations were added.
  - The source tables were altered while the next log records to be processed were being written to the log.
- The DB2 ECCR just completed a special start.

System Action: The DB2 ECCR discards the unpaired log record. See message PWXEDM177030E to determine whether the DB2 ECCR abends or tries to continue.

User Response: If this message is issued occasionally, when one of the situations described in the explanation exist, ignore this error. However, if the message is issued frequently, or for reasons other than those previously described, collect the complete DB2 ECCR job listing, including the SYSUDUMP output, and then contact Informatica Global Customer Support.

**PWXEDM177447E DISCARDING CURRENT LOG RECORD FROM *log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number* - reason**

Explanation: The DB2 ECCR read the current record from the DB2 log and is discarding the record from the change capture stream. This message includes the reason for discarding the log record.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues.

User Response: Use this message to diagnose the problem. If you cannot correct the problem, contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177448E TABLE DEFINITIONS NOT USABLE - '*creator.table*'**

Explanation: The DB2 ECCR cannot find a usable description of the specified table.

System Action: The DB2 ECCR abends.

User Response: To diagnose the error, look for previous error messages that provide more information about the error. If possible, correct the problem and run the job again.

**PWXEDM177450E Table '*creator.table\_name*' DDL and DML in UOW *uowid.data\_sharing\_member\_id*.**

Explanation: The DB2 ECCR detected that a UOW performed both DDL and DML operations on the same table. The DB2 ECCR does not capture changes from UOWs that contain both types of operations on the same table.

System Action: The DB2 ECCR continues. However, some changes might not be captured.

User Response: Ensure that the UOWs for the specified table do not perform both DDL and DML operations.

**PWXEDM177451I CATALOG TABLE *table\_name*, COLUMN *column\_name* in *urid.data\_sharing\_member\_id* at *rba\_or\_lrsn.data\_sharing\_member\_id.sequence number***

Explanation: A Unicode conversion failure occurred when the DB2 ECCR was trying to read a DB2 log record for the specified DB2 catalog table. This message reports the catalog table name, column name, DB2 URID, and DB2 log.

System Action: DB2 ECCR processing ends.

User Response: Check the JES message log and the EDMMSG message log for related error messages. If any message includes an IBM return code, also see the IBM messages and codes manual for your DB2 version. After you collect all available information about the error, contact Informatica Global Customer Support.

**Note:** PowerExchange issues reason codes from encoded commands that pass between program modules. Some of these reason codes are displayed in messages that are issued when an error occurs.

**PWXEDM177452E ERROR DETECTED WHILE PROCESSING COMMIT OR ROLLBACK RECORD**

Explanation: The DB2 ECCR encountered an error while processing a unit of recovery control log record.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or tries to continue.

User Response: To diagnose the error, look for other messages associated with this error. Then correct the problem and run the job again.

**PWXEDM177453I PENDING UNRESOLVED logger URID *lrsn***

Explanation: In a DB2 for z/OS data-sharing environment, this message reports the DB2 LRSN of the last activity in a unit-of-recovery (UR) that the ECCR sent to the PowerExchange Logger for MVS with a status of UNRESOLVED and a URID value of PENDING. The status and value are reported in the preceding PWXEDM177438I message.

System Action: The DB2 ECCR continues.

User Response: No response is required. For more information about the status, see the PWXEDM177438I message.

**PWXEDM177454I logger URID *lrsn***

Explanation: In a DB2 for z/OS data-sharing environment, this message reports the DB2 LRSN of the last activity in a unit-of-recovery (UR) that the ECCR sent to the PowerExchange Logger for MVS with a status other than POTENTIAL. The status and URID value are reported in the preceding PWXEDM177438I message.

System Action: The DB2 ECCR continues.

User Response: No response is required. For more information about the status, see the PWXEDM177438I message.

**PWXEDM177456E TABLE '*creator.table\_name*' UNEXPECTED ROW LENGTH DURING COLUMN PROCESSING**

Explanation: When processing a DB2 log record for the specified table, the DB2 ECCR encountered an invalid row length for the table.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues processing.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177459E X029271 UNEXPECTED LENGTH OF A DECIMAL COLUMN IN INTERNAL CONTROL BLOCK**

Explanation: While attempting to capture a DB2 table row that contains a packed decimal column, the DB2 ECCR discovered that the length of the column, as described in its internal control blocks, was not valid for a packed decimal column.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177460E TABLE '*creator.table\_name*' UNEXPECTED ROW LENGTH AT END OF ALL COLUMNS**

Explanation: The DB2 ECCR is processing a DB2 log record for the specified table. The ECCR encountered an invalid row length, as of the end of all of the columns, for the table.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues processing. For an abend, the ECCR reports abend code U3680 and reason code 7.

User Response: Ensure that the UOWs for the specified table do not include both DDL and DML operations. The ECCR does not support both types of operations in the same UOW for the same table. Also, collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**PWXEDM177461E Invalid lengths at rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number**

Explanation: While attempting to capture a DB2 table row, the DB2 ECCR could not correctly parse the specified log record that contains the change data for the row.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM 177462 {EI}**

**Table '*creator.table\_name*' ROW NOT DECOMPRESSED AT  
*rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number* RC=*return\_code*, RS=*reason\_code*,  
DG=*diagnostic\_code***

Explanation: When reading DB2 log records with the DB2 IFI 306 interface, the DB2 for z/OS ECCR encountered a log record for the specified table that was not decompressed by DB2. The RC, RS, and DG values are the DB2 codes for the decompression failure.

PowerExchange issues this message as an error or informational message, depending on the ROWNOTDECOMPRESSED setting in the ECCR REPL2OPT file. This message is issued to the EDMMSG data set and as a WTO message.

System Action: If the ROWNOTDECOMPRESSED statement is set to FAIL (the default), the DB2 ECCR ends abnormally and this message is an error message. If the ROWNOTDECOMPRESSED statement is set to NOFAIL, the ECCR skips the compressed records and continues processing, and this message is an informational message.

User Response: If this message is an informational message and the ECCR skips the compressed records, review the associated message PWXEDM177526 to identify the number of records that were skipped and their location in the DB2 log. If this message is an error message and the ECCR fails, determine the point in the log from which to restart the ECCR. Also, you can use the IBM DB2 documentation to troubleshoot the decompression failure.

**PWXEDM177463E UNEXPECTED COLUMN-TYPE CODE IN INTERNAL CONTROL BLOCK**

Explanation: An internal error occurred. The DB2 ECCR found an unexpected column type code in an internal control block.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177464E INTERNAL ERROR: AREA TOO SMALL TO BUILD ROW IMAGE**

Explanation: An internal error occurred. When the DB2 ECCR attempted to create a row image in memory, it found the allocated memory area was too small.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177465E INTERNAL ERROR: AREA TOO SMALL TO BUILD OUTPUT MESSAGE**

Explanation: An internal error occurred. When the DB2 ECCR attempted to build an output message in memory, it found the allocated memory area was too small.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177466E INTERNAL ERROR: UNEXPECTED R2PCLFUN VALUE *value***

Explanation: An internal error occurred. The DB2 ECCR found an unexpected value in R2PCLFUN.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177469E TABLE '*creator.table*' EDITPROC '*proc\_name*' RETURNED RC=*return\_code*, RSN=*reason\_code***

Explanation: The EDITPROC exit routine for the specified table encountered an error and returned the specified return code and reason code.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues processing.

User Response: Determine the cause of the EDITPROC exit routine error. Then correct the error and run the job again.

**PWXEDM177470E TABLE '*creator.table*' EDITPROC '*proc\_name*' OVERLAYED STORAGE**

Explanation: The specified EDITPROC exit routine overlaid a virtual storage area.

System Action: The DB2 ECCR abends.

User Response: Correct the EDITPROC exit routine, and run the job again.

**PWXEDM177471E UNEXPECTED CONTENT IN INTERNAL POINTERS**

Explanation: An internal error occurred. The DB2 ECCR found incorrect internal pointers.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177472E INTERNAL AREA NOT LARGE ENOUGH FOR OUTPUT FROM FIELDPROC EXIT ROUTINE**

Explanation: An internal error occurred. A FIELDPROC exit routine tried to generate its output, but the area allocated for the output was too small.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177473E USER PROVIDED FIELDPROC RETURNED WITH A NON-ZERO VALUE IN R15**

Explanation: A user-supplied FIELDPROC exit routine returned control to the DB2 ECCR with a nonzero value in register 15. A nonzero value in register 15 indicates that an error occurred.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues processing.

User Response: To diagnose the error, review other messages associated with this error. Then correct the problem and run the job again.



**PWXEDM177474E LENGTH OF COLUMN VALUE RETURNED BY A USER FIELDPROC IS INVALID**

Explanation: The DB2 ECCR called a user-defined FIELDPROC exit routine to transform a value from the encoded field format into the decoded column format. The name of the FIELDPROC exit routine appears in a related message.

As described in the DB2 manuals, for VARCHAR and VARGRAPHIC column formats, a FIELDPROC exit routine must return the 2-byte length of the column value in the FPDVALE field of the DB2 column value descriptor (CVD). This 2-byte length must meet the following requirements:

- It must be expressed as a number of bytes.
- It must not be longer than the maximum length of the column.
- If it is a VARGRAPHIC column, it must be a multiple of 2.

The DB2 ECCR detected that the returned FPDVALE value does not meet all of these requirements.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues processing.

User Response: Determine why the column value returned by the user-defined FIELDPROC exit routine did not meet these requirements. Then correct the exit routine and run the job again.

**PWXEDM177475E TABLE 'creator.table' FIELDPROC 'proc\_name' RETURNED RC=return\_code, RSN=reason\_code**

Explanation: The DB2 ECCR called the specified FIELDPROC exit routine to transform a column value in the specified table from the encoded field format into the decoded column format. The FIELDPROC exit routine returned with a nonzero value in register 15. A nonzero value in register 15 indicates that an error occurred. The FIELDPROC exit routine set the return code and reason code in the DB2 FPIB control block.

The meanings of the return code and reason code are defined by the user-defined FIELDPROC exit routine.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues processing.

User Response: Determine why the FIELDPROC exit routine encountered an error. Then correct the error and run the job again.

**PWXEDM177476E error\_text**

Explanation: The FIELDPROC exit routine that is identified in message PWXEDM177475E returned with a nonzero value in register 15. A nonzero value in register 15 indicates that an error occurred. This message displays the 40-byte error text. The FIELDPROC exit routine also puts the address of a 40-byte error text message in the FPBTOKPT field.

System Action: See message PWXEDM177030E to determine whether the DB2 ECCR abends or continues processing.

User Response: Determine why the FIELDPROC exit routine encountered an error. Then correct the problem and run the job again.

**PWXEDM177487E DB2 CHANGE CAPTURE AND EDM Logger  
LAST READ RBA EQUAL 0, COLD START RECOMMENDED**

Explanation: During a warm restart, both the DB2 ECCR checks the PowerExchange Logger for the RBA of the last record read during the previous change capture. The RBA for the current restart was zero. The restart processing is in error.

System Action: Restart processing abends with a return code of 23.

User Response: Use a cold start to restart the DB2 ECCR.

**PWXEDM177488E Unable to determine the columns in 'creator.table\_name'**

Explanation: The DB2 ECCR capture program tried to compare the PowerExchange schema for the specified table with the schema in the DB2 catalog. The ECCR could not determine the columns that are in the table.

System Action: The DB2 ECCR abends.

User Response: For more information about the error, see the associated messages. Then contact Informatica Global Customer Support and provide them with all of the available information about the error.

**PWXEDM177489W DB2 CHANGE CAPTURE HAS INITIATED A COLD START**

Explanation: The DB2 ECCR has initiated a cold start. Either a previous cold start was unsuccessful, or an error in the change capture process requires a cold start.

System Action: Restart processing continues.

User Response: No response is required. A subsequent message asks you to confirm or cancel the cold start.

**PWXEDM177490I statistics**

Explanation: This informational message provides statistics about the DB2 ECCR change capture process.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177491I statistics heading**

Explanation: This informational message contains a report heading for statistics produced by the DB2 ECCR. This message is followed by PWXEDM177492E, which contains a row of statistics for each source table active during the change capture.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177492E statistics**

Explanation: This informational message provides statistics about the DB2 ECCR change capture process.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177493E Unable to eccr\_action for table 'creator.table\_name', RC=return\_code, reason=reason\_code.**

Explanation: The DB2 ECCR encountered an error during restart processing. This message identifies the table for which the error occurred and the ECCR action that could not be performed. This message also includes the return code and reason code for the error.

The *eccr\_action* can be one of the following values:

- find EDMNAME
- get schema

- get active schema
- change schema
- \$BLDCMD error for RETEDM
- \$BLDCMD error for RETSCH
- \$BLDCMD error for CHGSCH
- get pending schema

System Action: DB2 ECCR processing continues. For critical errors, the DB2 ECCR issues additional messages.

User Response: To diagnose the error, use the information in this message. For more information, review associated messages. For assistance, contact Informatica Global Customer Support.

**PWXEDM177494I Automatic activation of schema for table '*creator.table\_name*'. Create time=*timestamp1*, alter time=*timestamp2*.**

Explanation: The DB2 ECCR activated the schema for the specified DB2 source table. Automatic schema activation can occur as part of the schema verification process. This message includes timestamps for when the schema was created and when the schema was last altered.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177495I Table '*creator.table\_name*' {active|pending} schema verified.**

Explanation: When the DB2 ECCR received the first change record for the specified table, the ECCR verified that the table schema matches the schema registered for the table in the PowerExchange repository. This message also indicates whether the schema is active or pending.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177496E THE START RBA SPECIFIED BY THE USER IS LESS THAN THE EDM LOGGER RBA**

Explanation: The DB2 log RBA you specified during restart processing had a value less than the current RBA in the PowerExchange Logger.

System Action: The DB2 ECCR abends.

User Response: Edit the STARTLOC parameter in REPL2OPT to an appropriate start RBA and run the restart job again.

**PWXEDM177498E Error acquiring {command|reply} buffer. Count=*nnn*, current size=*size1*, new size=*size2***

Explanation: The DB2 ECCR encountered an error when trying to acquire a command or reply buffer. This message provides the count of captured changes, the current size of the buffer, and the new size of the buffer.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with all of the available information about the error.

<b>PWXEDM177499E</b>	<b>{CA NAME UOWPREFIX} HAS CHANGED IN REPL2CTL; {CA NAME UOWPREFIX} IS IGNORED DURING REFRESH PROCESSING</b>
Explanation:	The CA NAME or UOWPREFIX control statement in the REPL2CTL data set changed. The DB2 ECCR detected the change during refresh processing. Message PWXEDM17500E displays the original CA NAME or UOWPREFIX value that the ECCR is currently using and the changed value in the REPL2CTL data set.
System Action:	Refresh processing continues. The ECCR ignores the changed CA NAME or UOWPREFIX value in the REPL2CTL data set.
User Response:	If you want to use the changed CA NAME or UOWPREFIX control statement in the REPL2CTL data set, restart the ECCR. Otherwise, no response is required.
<b>PWXEDM177500E</b>	<b>CURRENT {CA NAME UOWPREFIX}: <i>value1</i>; {CA NAME UOWPREFIX} IN REPL2CTL: <i>value2</i></b>
Explanation:	This message follows message PWXEDM177499E and provides more information about the error. During refresh processing, the DB2 ECCR detected that the CA NAME or UOWPREFIX control statement in the REPL2CTL control file changed. This messages shows the CA NAME or UOWPREFIX value that the ECCR is currently using and the changed value in the REPL2CTL data set.
System Action:	Refresh processing continues. The ECCR ignores the changed CA NAME or UOWPREFIX value in the REPL2CTL data set.
User Response:	If you want to use the changed CA NAME or UOWPREFIX control statement in the REPL2CTL data set, restart the ECCR. Otherwise, no response is required.
<b>PWXEDM177501I</b>	<b>Profile {create timestamp alter timestamp create and alter timestamps} for table <i>table_name</i> changed to <i>new_timestamp</i></b>
Explanation:	In the capture registration for the specified table, the create timestamp, alter timestamp, or both changed. However, the table schema still matches the registered schema for DB2 ECCR processing. PowerExchange automatically resets the dates in the registration to match the dates in DB2.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM177502I</b>	<b>Table '<i>creator.table_name</i>' the DB2 {schema create timestamp alter timestamp create/alter timestamp} does not match the {active pending} profile schema. DB2 log time = <i>timestamp</i>.</b>
Explanation:	The DB2 schema for the specified table changed and no longer matches the schema in the capture registration for the table. This message is followed by a report that identifies the schema differences.
System Action:	The ECCR tries to correct the schema differences. If the ECCR is successful, processing continues. If the ECCR is not successful, ECCR processing ends with error messages.
User Response:	No response is required.
<b>PWXEDM177508I</b>	<b>Table '<i>creator.table_name</i>' changes captured. Schema create time <i>timestamp1</i>[, alter time <i>timestamp2</i>].</b>
Explanation:	This message is issued when the DB2 ECCR captures the first change for the specified DB2 table by using the schema with the given timestamps. The timestamps indicate when the table was created and optionally when the table was last altered.
System Action:	Processing continues.

User Response: No response is required.

**PWXEDM177509E No active tables found in repository for specified DB2 registration name  
RN=*registration\_name***

Explanation: During initialization, the DB2 ECCR did not find any active registration that matches the specified registration name and the DB2 subsystem ID or group attachment name in the REPL2OPT data set.

System Action: The DB2 ECCR abends.

User Response: Create at least one capture registration for the DB2 source table and then restart the DB2 ECCR.

**PWXEDM177510I No {active|pending} schema found for table '*creator.table\_name*' for time *timestamp*.**

Explanation: The active schema that is recorded in the table registration does not match the schema in the DB2 catalog, and no pending schema exists.

System Action: The DB2 ECCR abends when it retrieves the first change record for the specified table.

User Response: If the table has an active schema, correct the registration and run the job again.

**PWXEDM177511E Table '*creator.table\_name*' Schema verification failed.**

Explanation: The DB2 ECCR determined that the schema in the capture registration for the specified DB2 table does not match the table schema in the DB2 catalog.

System Action: The DB2 ECCR abends.

User Response: Re-create the capture registration so that its schema matches the DB2 schema.

**PWXEDM177513I Table '*creator.table\_name*' {altered|created|dropped} at *timestamp***

Explanation: The specified DB2 table is registered for change data capture. The DB2 ECCR detected that the table was altered, created, or dropped at the date and time specified in the *timestamp*.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177518W TABLE '*creator.table\_name*' DESCRIPTION NOT FOUND IN CAPTURE DIRECTORY**

Explanation: An internal error occurred. When processing DB2 log records for a table rename operation, the DB2 ECCR tried to locate a table definition row in the TCAPTABLES capture directory table for the table being renamed. However, the ECCR did not find the table definition.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177519E INTERNAL ERROR - UNEXPECTED COLTYPE FOR A HEX DEFAULT VALUE**

Explanation: The DB2 ECCR found an unexpected column type for a hexadecimal default value. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177520E CA NAME=*ca\_name* NOT FOUND OR IS INVALID IN REPL2CTL**

Explanation: In the DB2 ECCR REPL2CTL data set, the CA NAME control statement is missing or is invalid. PowerExchange encountered this error during DB2 ECCR startup.

System Action: The DB2 ECCR abends.

User Response: Enter a valid CA NAME statement in the REPL2CTL data set and restart the DB2 ECCR. For more information about this REPL2CTL control statement, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177521E *program\_name* internal error - invalid call function *function\_name***

Explanation: An internal error occurred. The DB2 ECCR encountered an invalid call function for the specified program.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177522E TCAPTABLESPACE ROW NOT FOUND IN CAPTURE DIRECTORY**

Explanation: The internal state of the DB2 ECCR capture directory tables is not correct.

This message is usually issued during an ECCR special start, when a DDL operation that deletes a tablespace occurs between the time the log record that is used for the special start is written and the time the special start is executed.

System Action: The DB2 ECCR abends.

User Response: Ensure that only the DB2 ECCR or capture directory utility updates the capture directory tables.

If you performed a special start, either try performing a cold start or retry the special start immediately after the point in the log where the error occurred. If this issue did not occur during a special start, or if you performed a special start and processed the DB2 log up to the current point in time, gather all ECCR job output, including the dump output, and then contact Informatica Global Customer Support.

**PWXEDM177526E CAPTURE-DIRECTORY OR DB2-CATALOG CAN NOT BE PROPERLY ACCESSED**

Explanation: The DB2 ECCR cannot access a capture directory table or a DB2 catalog table.

System Action: The DB2 ECCR abends.

User Response: Use the information from the other messages associated with this error to determine the cause of the failure. Then, correct the problem, and run the job again.

**PWXEDM177527E ROLLBACK HAS FAILED**

Explanation: The DB2 ECCR initiated a rollback process, and the DB2 rollback failed.

System Action: The DB2 ECCR abends.

User Response: Use the information from the other messages associated with this error to determine the cause of the failure. Then, correct the problem, and run the job again.

**PWXEDM177528E UNEXPECTED RETURN CODE FROM X029232**

Explanation: The DB2 ECCR received an unexpected return code from the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177529E THIS MIGHT BE A TRANSIENT PROBLEM - TRY A WARMSTART OF THE CAPTURE PROGRAM**

Explanation: The DB2 ECCR accessed the DB2 catalog to obtain descriptions of the primary (source) tables. The obtained descriptions are inconsistent, possibly because DDL activity is changing the table descriptions concurrently with the DB2 ECCR accesses. If it cannot get consistent descriptions after several attempts, the DB2 ECCR abends.

System Action: The DB2 ECCR abends.

User Response: Start the DB2 ECCR when less DDL activity is occurring. If this action does not correct the problem, collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177531E Table 'creator.table\_name' column 'column\_name' has unrecognized datatype 0yyyyyyyyy**

Explanation: The DB2 ECCR cannot determine the datatype for the specified column while processing a DDL statement that affects the column definition.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including the SYSUDUMP output.

**PWXEDM177533E Table 'creator.table\_name' Error accessing schema.**

Explanation: During initialization or REFRESH processing, the DB2 ECCR gets schema information for source tables from their capture registrations through the PowerExchange Agent. However, the ECCR was unable to get schema information for the specified table.

System Action: The DB2 ECCR abends, without processing any additional DB2 log data.

User Response: Examine the registration status of the specified DB2 table. Look for any error messages in the DB2 ECCR and PowerExchange Agent output that might indicate a problem with the schema information. Correct any errors and then restart the ECCR.

If the problem persists or cannot be identified, contact Informatica Global Customer Support.

**PWXEDM177534W Duplicate old outstanding UOW found: uowid.data\_sharing\_member\_id**

Explanation: During a warm start, the DB2 ECCR processed the list of outstanding UOWs that the Logger has recorded as in progress from this ECCR. This list is used to notify the Logger when these UOWs terminate, so that the Logger can remove related records. Otherwise, the outstanding UOWs might affect ECCR restart. While processing the specified UOW, the ECCR determined that this UOW is a duplicate in the list.

System Action: Processing continues. The duplicate UOW is dropped, but the original entry will be processed.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177535W Persistent outstanding UOW *urid.data\_sharing\_member\_id* found at *rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number***

**Explanation:** During statistics processing, the DB2 ECCR produces a list of outstanding UOWs in the same format as in the URID command output. The ECCR examines each outstanding UOW to determine how long it has been outstanding. If any UOW has been outstanding for the entire statistics interval, as specified at ECCR startup in the STAT command, the ECCR issues this message to warn that the UOW has been outstanding a long time. This situation might occur if the ECCR missed the completion of the UOW. This message includes the DB2 URID for the outstanding UOW.

**System Action:** Processing continues.

**User Response:** If the outstanding UOW persists, examine the output from the DB2 ECCR and DB2 subsystem to determine why the UOW has not completed. You can run the DB2 DSN1LOGP utility, or equivalent, to determine if the UOW is really outstanding. If you cannot determine the reason why the UOW is outstanding, contact Informatica Global Customer Support.

**PWXEDM177536E IFI RETURNED OUT OF SEQUENCE RECORDS, CURRENT *rba or lrsn.data\_sharing\_member\_id*, PREVIOUS *rba or lrsn.data\_sharing\_member\_id***

**Explanation:** When processing log records that the DB2 IFI306 interface returned, the DB2 ECCR encountered log records that were out of sequence. This message identifies the current log and the previous log.

**System Action:** The DB2 ECCR abends.

**User Response:** Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**PWXEDM177537E Excessive {column name|old column name|new column name} length (*length*) found in table '*creator.table\_name*'. Truncated {column name|old column name|new column name}; *column\_name***

**Explanation:** When processing log records for the DB2 catalog, the DB2 ECCR encountered a column name that is longer than the maximum length that the ECCR supports. The ECCR cannot properly record the definition of the table in its tracking table because of the excessive column length. This message includes the length of the column name that is too long, the name of the registered table that includes the column, and the column name.

The message reports the **column name** length when the table is added to the capture interest list during an ECCR warm start or refresh process. The message reports the **old column name** or **new column name** lengths when the ECCR processes DB2 log records for column rename operations.

**System Action:** The DB2 ECCR ends.

**User Response:** The DB2 ECCR does not support capturing changes from the table because the column length in the catalog is too long. Remove the table from capture processing and then warm start the DB2 ECCR. If the problem occurs again, contact Informatica Global Customer Support.

**PWXEDM177538I Table '*from\_creator.table\_name*' renamed to '*to\_creator.table\_name*' at *timestamp***

**Explanation:** When processing log records for the DB2 catalog, the DB2 ECCR encountered a table rename operation. This message includes the "from" original table name and the "to" new table name, along with the DB2 timestamp at which the rename operation occurred. The timestamp is in the format yyyy-mm-dd-hh.mm.ss.tttttt. The DB2 ECCR will capture changes under at least one of these table names.



System Action: Processing continues.

User Response: This informational message is issued to help you properly track the tables from which the DB2 ECCR is capturing change data.

**PWXEDM177539I Table 'creator.table\_name' now '{DATA CAPTURE CHANGES | DATA CAPTURE NONE}'. DB2 Log Location=rba\_or\_lrsn**

Explanation: When processing log records, the DB2 ECCR detected that a source table acquired or lost the DATA CAPTURE CHANGES attribute. The DATA CAPTURE CHANGES attribute is required for the ECCR to capture data from the table. This message reports when the attribute changes so that you can analyze when capture processing could be active for the table. This message includes the name of the table for which the attribute changed and the location in the DB2 log data where the ECCR detected the change. The message also indicates whether the attribute was enabled (DATA CAPTURE CHANGES) or disabled (DATA CAPTURE NONE).

System Action: Processing continues.

User Response: This informational message helps properly track change capture for DB2 source tables. If the DATA CAPTURE CHANGES attribute was disabled, determine if any changes were written to the table after the specified DB2 log location RBA. If so, you might need to rematerialize the target that corresponds to the source table.

**PWXEDM177540W Some DB2 catalog tables not defined with Data Capture Changes**

Explanation: During initialization, the DB2 ECCR determined that one or more of the DB2 catalog tables that it uses does not have the required DATA CAPTURE CHANGES attribute. The ECCR uses the following catalog tables:

- SYSIBM.SYSTABLES
- SYSIBM.SYSCOLUMNS
- SYSIBM.SYSTABLESPACE
- SYSIBM.SYSFIELDS
- SYSIBM.SYSCOPY

Message PWXEDM177398E, which is issued prior to this message, indicates which of these catalog tables are missing the attribute.

System Action: The DB2 ECCR issues message PWXEDM177543E and ends.

User Response: Set the DATA CAPTURE CHANGES attribute on the DB2 catalog tables that are missing the attribute. Then restart the DB2 ECCR.

**PWXEDM177541W Migration to DB2 V8 will not be allowed**

Explanation: The DB2 ECCR connected to a DB2 Version 7 or earlier system and found that some of the DB2 catalog tables that it uses are not defined with the DATA CAPTURE CHANGES attribute. The preceding message PWXEDM177540W reports that some tables do not have this attribute, and message PWXEDM177398E identifies the tables that are missing the attribute.

The DB2 ECCR requires that tables have the DATA CAPTURE CHANGES attribute to migrate and connect to DB2 Version 8 or later systems.

System Action: Processing continues.

User Response: To migrate to DB2 Version 8, add the DATA CAPTURE CHANGES attribute to the DB2 catalog tables that require it. Any catalog tables that currently have the DATA CAPTURE CHANGES attribute will lose the attribute during the migration process. Remember to reset the DATA CAPTURE CHANGES attribute for these tables after migrating to DB2 Version 8 and again after migrating to DB2 Version 8 new-function mode.

**PWXEDM177542W Request for optimized IFI306 processing (IFI306OPT) ignored**

Explanation: The DB2 ECCR connected to a DB2 Version 7 or earlier system and found that some of the DB2 catalog tables that it uses are not defined with the DATA CAPTURE CHANGES attribute. The preceding message PWXEDM177540W reports that some tables do not have this attribute, and message PWXEDM177398E identifies the tables that are missing the attribute.

The request to use optimized IFI306 processing cannot be honored. The DB2 ECCR requires that the catalog tables have DATA CAPTURE CHANGES attribute to operate properly when using optimized IFI306 processing.

System Action: Initialization continues. The ECCR uses standard IF306 processing instead of optimized IF306 processing. As a result, the DB2 ECCR might need more resources.

User Response: To use optimized IFI306 processing, define the DATA CAPTURE CHANGES attribute on the catalog tables that do not currently have it.

**PWXEDM177543E Capture program of DB2 Replication ending - DB2 Catalog tables not Data Capture Changes**

Explanation: During initialization, the DB2 ECCR determined that one or more of the DB2 catalog tables that it uses does not have the required DATA CAPTURE CHANGES attribute. The ECCR uses the following catalog tables:

- SYSIBM.SYSTABLES
- SYSIBM.SYSCOLUMNS
- SYSIBM.SYSTABLESPACE
- SYSIBM.SYSFIELDS
- SYSIBM.SYSCOPY.

Message PWXEDM177398E indicates which of these tables are missing the attribute.

System Action: The DB2 ECCR ends without processing any DB2 log data.

User Response: Set the DATA CAPTURE CHANGES attribute on the catalog tables that are missing the attribute. Then cold start or special start the ECCR. If you warm start the ECCR, it does not recognize the current status of the DB2 catalog tables and fails, even if the DB2 catalog tables were altered to add the DATA CAPTURE CHANGES attribute.

**PWXEDM177546E Directory configuration does not support long names.**

Explanation: During DB2 ECCR initialization or refresh processing, the ECCR received a list of the registered tables of CDC interest. One or more of these tables have creator names, table names, or column names that are longer than the name lengths that the existing ECCR capture directory tables can support. For more information, see previous verification messages for the TCAP capture directory tables.

System Action: The ECCR ends without processing any DB2 log data.

User Response: Remove the source tables that have the long creator names, table names, or column names from CDC sessions, or expand the capture directory tables to support the longer names. Then restart the ECCR. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM177548I Verifying capture directory configuration supporting up to DB2 Vnn [mode].**

Explanation: The DB2 for z/OS ECCR is verifying that the capture directory tables support the DB2 version and mode that you use. In the message text, *nn* is the DB2 version, and *mode* is one of the following values: CM for conversion mode, ENFM for enabling new-function mode, or NFM for new-function mode. The capture directory tables are created during PowerExchange installation based your entries in the z/OS Installation Assistant.

System Action: DB2 ECCR processing continues.

User Response: No response is required.

**PWXEDM177549W ---TCAP\_table\_name has n columns. n columns expected.**

Explanation: During initialization, the DB2 for z/OS ECCR examines the PowerExchange capture directory tables to determine if they support the DB2 version and mode that you use. The ECCR determined that the specified capture directory table does not contain the expected number of columns. In the message text, *n* is the number of columns.

System Action: The DB2 ECCR continues processing or ends abnormally, depending on the DB2 version.

User Response: Check the subsequent PWXEDM177552I message to determine the latest DB2 version that the capture directory tables support. If the tables do not support the version with which the ECCR is running, alter the specified capture directory table to support that DB2 version or a later DB2 version that PowerExchange supports.

**PWXEDM177550W ---TCAP\_table\_name unexpected column column\_name.**

Explanation: During initialization, the DB2 ECCR examines the capture directory tables to determine if they support of the DB2 version and mode that you use. The ECCR determined that the specified table contains a column that the ECCR did not expect. In the message text, *TCAP\_table\_name* is the name of the capture directory table, and *column\_name* is the name of the unexpected column.

System Action: The DB2 ECCR continues processing or ends abnormally, depending on the DB2 version.

User Response: Correct the definition of the specified capture directory table and restart the ECCR. If you need assistance, contact Informatica Global Customer Support.

**PWXEDM177551W ---TCAP\_table\_name incorrect column attributes for column column\_name**

Explanation: During initialization, the DB2 for z/OS ECCR examines the PowerExchange capture directory tables to determine if they support the DB2 version and mode that you use. The ECCR found that the specified table contains a column with incorrect column attributes. In the message text, *TCAP\_table\_name* is the name of the capture directory table, and *column\_name* is the name of the column with the incorrect attributes.

System Action: The DB2 ECCR continues processing or ends abnormally, depending on the DB2 version.

User Response: Check the subsequent PWXEDM177552I message to determine the latest DB2 version that the capture directory tables support. If the tables do not support the version with which the ECCR is running, upgrade the capture directory table to support that DB2 version or a later DB2 version that PowerExchange supports.

**PWXEDM177552W Capture directory configuration supports up to DB2 Vversion mode.**

Explanation: During initialization, the DB2 ECCR identified the latest DB2 version and mode that the capture directory tables support. In the message text, *version* is the DB2 version and *mode* is one of the following values: CM for conversion mode, ENFM for enabling new-function mode, or NFM for new-function mode.

System Action: DB2 ECCR processing continues.

User Response: If the reported DB2 version is earlier than the DB2 version with which the ECCR runs, the ECCR might run but with reduced functionality. In this case, alter the capture directory table definitions to meet the requirements of your DB2 version. For more information about upgrading the capture directory tables, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177553I Table 'creator.table\_name' version changed from X'nnnn' to X'vvvv' at timestamp**

Explanation: While processing DDL log records, the DB2 ECCR detected that the version of the specified table changed. The table version defines the schema level that is used for the table. This message provides the fully qualified name of the table, the old and new version values, and the timestamp in the DB2 log record where this change occurred.

System Action: The DB2 ECCR continues processing.

User Response: No response is required.

**PWXEDM177554I Assuming capture directory configuration supports DB2 Vnn mode.**

Explanation: The DB2 for z/OS ECCR could not validate the PowerExchange capture directory (TCAP) tables against the reported DB2 version and mode that you use. The ECCR assumes that the capture directory tables are supported even though they might be at a lower DB2 level than the reported DB2 version and mode. In the message text, *nn* is the DB2 version, and *mode* is one of the following values: CM for conversion mode, ENFM for enabling new-function mode, and NFM for new-function mode.

System Action: DB2 ECCR processing continues.

User Response: No response is required.

**PWXEDM177555E Capture directory does not support DB2 Vnn mode.**

Explanation: During initialization, the DB2 for z/OS ECCR examines the PowerExchange capture directory tables to determine if they support the DB2 version and mode that you use. The ECCR determined that the capture directory tables do not support the specified DB2 version and mode. In the message text, *nn* is the DB2 version, and *mode* is one of the following values: CM for conversion mode, ENFM for enabling new-function mode, and NFM for new-function mode.

System Action: The DB2 ECCR ends abnormally.

User Response: Run the appropriate jobs from installation that upgrade the capture directory tables. For more information, see the *PowerExchange CDC Guide for z/OS* or *PowerExchange Installation and Upgrade Guide*.

**PWXEDM177556E UNACCEPTABLE ERROR WHILE ACCESSING THE DB2 LOG**

Explanation: The DB2 ECCR issued an IFCID 306 READS call. An unacceptable combination of return code and reason code was returned. Additional messages are issued to indicate either the specific return code and reason code or the error based on the return code and reason code.

System Action: The DB2 ECCR ends without processing any additional DB2 log data.

User Response: To diagnose the problem, examine the other messages that were issued when the abend occurred. Then correct any errors and restart the ECCR. If the problem persists or cannot be identified, contact Informatica Global Customer Support.

**PWXEDM177557E IFI RC=0 WITH IFCABM=0**

Explanation: The DB2 ECCR issued an IFCID 306 READS call and received a return code of zero. However, while examining the data returned, the ECCR found that the length of the data returned (IFCABM) was zero. This situation indicates a logical error in the DB2-supplied IFCID 306 interface.

System Action: The DB2 ECCR ends without processing any additional DB2 log data.

User Response: To diagnose the problem, examine any other messages that were issued at the time of the abend, including messages for abends in the DB2 subsystem to which the DB2 ECCR connects.

Correct any errors that these messages describe, and then warm start the ECCR. If the problem persists or cannot be identified, contact Informatica Global Customer Support.

**PWXEDM177559E UNEXPECTED {LENGTH|NUMBER|OFFSET} IN *control\_block\_field***

Explanation: The DB2 ECCR successfully issued a DB2 IFCID 306 READS call but found unexpected data formatting or content in the specified control block field of the returned log data. The *control\_block\_field* can be one of the following values:

- QWT01R1L
- QWT01R1N
- QWT01R1O
- QWT02R1L
- QWT02R1N
- QWT02R1O

System Action: The DB2 ECCR ends.

User Response: This message indicates that the data returned from the IFCID 306 READS call was incorrectly formatted. To diagnose the problem, look for other messages that might have been issued when the ECCR abend occurred, including messages for abends in the DB2 subsystem to which the DB2 ECCR connects. Then correct any errors that these messages describe and warm start the ECCR. If the problem persists or cannot be identified, contact Informatica Global Customer Support.

**PWXEDM177560E ZERO RECORD OCCURRENCES IN QW0306CT**

Explanation: The DB2 ECCR successfully issued an IFCID READS call but the QW0306CT count of data records in the returned log data was zero. This situation indicates a logical error in the DB2-supplied IFCID 306 interface.

System Action: The DB2 ECCR ends.

User Response: To diagnose the problem, look for other messages that might have been issued when the ECCR abend occurred, including messages for abends in the DB2 subsystem to which the DB2 ECCR connects. Then correct any errors that these messages describe and warm start the ECCR. If the problem persists or cannot be identified, contact Informatica Global Customer Support.

**PWXEDM177561E UNEXPECTED QWIWDRL VALUE**

Explanation: The DB2 ECCR successfully issued an IFCID 306 READS call but found that the returned QWIWDRL value, which is length of all of the log data records returned, either was zero or did not match the length of the data returned. This situation indicates a logical error in the DB2-supplied IFCID 306 interface.

System Action: The DB2 ECCR ends.

User Response: To diagnose the problem, look for other messages that might have been issued when the ECCR abend occurred, including messages for abends in the DB2 subsystem to which the DB2 ECCR connects. Then correct any errors that these messages describe and warm start the ECCR. If the problem persists or cannot be identified, contact Informatica Global Customer Support.

**PWXEDM177562E IFI READS ERROR. WQALLMOD=*parameter\_value* WQALLRBA=*rba* IFCARC1=*return\_code* IFCARC2=*reason\_code*.**

Explanation: The DB2 ECCR issued an IFCID 306 READS call, but the resulting return code or reason code indicated an error. The WQALLMOD and WQALLRBA parameter values are input to the READS call. This message is also usually preceded by one or more additional ECCR messages that provide more information about the problem.

System Action: The DB2 ECCR ends.

User Response: To diagnose the problem, look for other messages that were issued when the ECCR abend occurred, including messages for abends in the DB2 subsystem to which the DB2 ECCR connects. Then correct any errors that these messages describe and warm start the ECCR. If the problem persists or cannot be identified, contact Informatica Global Customer Support.

**PWXEDM177563W In UOW *uowid.data\_sharing\_member\_id* at *log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number* No Begin UOW for *record\_type***

Explanation: While processing UR-type log records at startup, the DB2 ECCR encountered a UOW record for which a Begin UOW record does not exist.

In the message text, the *record\_type* is one of the following values:

- Begin UOW
- Display Command
- Term Command
- End UOW
- Data Record
- Abort UOW
- Unknown type
- Find Oldest
- Build hash tab
- Stats display
- Begin Phase 1
- End Phase1
- Begin Phase2
- Phase 1/2 Tran

- End Todo
- End Phase2
- End Abort
- End Redo
- End Undo

**Note:** This situation can be normal unless you warm started the ECCR after a successful QUIESCE shutdown. If you did a cold start, a special start, or a warm start after a non-QUIESCE shutdown, in-flight UOWs might exist at the start point. In this case, the ECCR issues this warning message when it processes the UR records for these UOWs.

User Response: Processing continues.

System Action: If this message is issued at times other than restart, contact Informatica Global Customer Support.

**PWXEDM177564W Possible missing End Commit2 for uowid.data\_sharing\_member\_id at log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number**

Explanation: The DB2 ECCR was processing a UR record for a UOW when it detected that a different UOW was in a questionable state and might be missing the End Commit2 record. For the ECCR to detect this situation, the specified outstanding UOW that is in a questionable state must have begun commit processing. That is, the ECCR encountered the Begin Phase2 UR record or Phase 1/2 Transition UR record for the UOW. This situation occurs only when the ECCR is reading at the very "edge" of the DB2 log data.

Subsequent message PWXEDM177565W identifies the last operation type that was encountered for this UOW, along with the DB2 log location at which the problem occurred.

System Action: Processing continues.

User Response: This situation can occur when the DB2 data-sharing member that is specified as part of the UOWID is not busy. This message can persist for up to three DB2 checkpoint cycles for the data-sharing member. If the message persists after the DB2 data-sharing member becomes busy or has gone through three DB2 checkpoint cycles, collect the following types of diagnostic information:

- An SVC dump for the DB2 ECCR and any started tasks for the DB2 subsystem or for data-sharing group members.
- JES output from the DB2 ECCR and the DB2 subsystem.
- Output from DB2 DSN1LOGP utility.
- Copies of the archive logs that contain the log data where this problem was encountered.

Then contact Informatica Global Customer Support.

**PWXEDM177565W Last operation operation\_type, at log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number**

Explanation: This message provides information about the state of the DB2 change capture program at the point where either message PWXEDM177564W or PWXEDM177566W was issued. This message includes a description of the last operation or log record type that was processed for the UOW in question, along with the DB2 log location where the issue was detected.

In this message, the *operation\_type* variable is one of the following values:

- Begin UOW

- Display Command
- Term Command
- End UOW
- Data Record
- Abort UOW
- Unknown type
- Find Oldest
- Build hash tab
- Stats display
- Begin Phase 1
- End Phase1
- Begin Phase2
- Phase 1/2 Tran
- End Todo
- End Phase2
- End Abort
- End Redo
- End Undo

System Action: Processing continues.

User Response: For more information, see message PWXEDM177564W or PWXEDM177566W.

**PWXEDM177566W No prior {Begin Phase2|Phase 1/2 Tran} for End Phase 2 for *urid.data\_sharing\_member\_id* at *log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number***

Explanation: When processing a UR record of type End Phase 2 for a UOW, the DB2 ECCR detected that it had not received the proper sequence of UR records. This situation might mean that an intermediate UR record, such as a Begin Phase2 or Phase 1/2 Tran record, has not been encountered. This message includes the URID for the potentially incorrect UOW and the log location of the beginning of this UOW.

In the message text:

- "Begin Phase2" or "Phase 1/2 Tran" is the operation or record type that was expected but not encountered prior to the current record for this URID.
- "End Phase2" is the current record type.
- *urid.data\_sharing\_member\_id* is the DB2-assigned URID. In a data-sharing environment, the member ID is included.
- *log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number* is the current log location where the Begin UR for this URID was encountered. In a data-sharing environment, the log LRSN and data-sharing member ID is reported.

Message PWXEDM177565W reports the last log record type that was encountered for this UOW, along with the current DB2 log location at which this problem was encountered.

System Action: Processing continues. Because the End Phase2 record was found for this UOW, the UOW is captured correctly and available for further processing. However, because some of the expected UR records were not available, some data records might not have been captured.



User Response: Collect the following types of diagnostic information:

- An SVC dump for the DB2 ECCR and any started tasks for the DB2 subsystem or for data-sharing group members.
- JES output from the DB2 ECCR and the DB2 subsystem.
- Output from DB2 DSN1LOGP utility.
- Copies of the archive logs that contain the log data where this problem was encountered.

Then contact Informatica Global Customer Support.

**PWXEDM177567E Capture Directory or DB2 catalog can not be properly accessed**

Explanation: The DB2 ECCR cannot access a table either in the capture directory or in the DB2 catalog.

System Action: The DB2 ECCR abends.

User Response: Use the information from the other messages associated with this error to determine the cause of the failure. Correct the problem and restart the DB2 ECCR.

**PWXEDM177568E Rollback has failed**

Explanation: The DB2 ECCR initialized a rollback process, and the DB2 rollback failed.

System Action: The DB2 ECCR abends.

User Response: Use the information from the other messages associated with this error to determine the cause of the failure. Correct the problem and restart the DB2 ECCR.

**PWXEDM177569E Internal error - Invalid call function for X029233**

Explanation: The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177570W Column description not found in Capture Directory**

Explanation: The DB2 ECCR could not find an expected row in the DB2 ECCR capture directory TCAPCOLUMNS table. Probably, DDL activity is changing the table descriptions concurrently with the DB2 ECCR access.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177571W Field description not found in Capture Directory**

Explanation: The DB2 ECCR could not find an expected row in the DB2 ECCR capture directory TCAPFIELDS table. Probably, DDL activity is changing the table descriptions concurrently with the DB2 ECCR access.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177572W Table description not found in Capture Directory**

Explanation: During processing of DB2 log records for a column rename, the DB2 ECCR was unable to locate the row for the table containing the column being renamed in capture directory TCAPTABLES table. This is an internal error, because the TCAPTABLES information had been successfully located earlier during the initialization of the DB2 ECCR.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177573W Inconsistent definitions for *full\_table\_name***

- or -

**Inconsistent definitions for *table***

**Creator: *creator\_name***

**Table: *table\_name***

- or -

**Inconsistent definitions for *table***

**Creator: *creator\_name\_ ....***

***continued\_creator\_name***

**Table: *table\_name\_ ....***

***continued\_table\_name***

Explanation: The DB2 ECCR attempted to obtain a description of the specified table from the in the DDB2 ECCR capture directory TCAPTABLES table, but the obtained description was inconsistent. Probably, DDL activity is updating the catalog descriptions concurrently with the DB2 ECCR access.

The DB2 ECCR issues the modified formats of the message in the following cases:

- If the fully-qualified table name is in excess of 70 characters long
  - If either the creator name or table name are longer than 80 characters
- Each part of the fully-qualified table name is on a separate line in the message.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177574I Table '*creator.table\_name*' column '*column\_name1*' renamed to '*column\_name2*' at *timestamp*.**

Explanation: When processing log records for the DB2 catalog, the DB2 ECCR encountered a column rename operation. This message includes the "from" original column name and the "to" new column name, along with the fully qualified table name that contains the column and the DB2 timestamp at which the rename operation occurred. The timestamp is in the format yyyy-mm-dd-hh.mm.ss.mmmmmm. This message is issued only if the table is registered for change data capture.

System Action: Processing continues.

User Response: This informational message is issued to help you properly track the columns being captured. If a schema change has been made to the table, you must edit the capture registration to include the new column name. For more information about DB2 schema changes, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM177576E INTERNAL ERROR: UNEXPECTED RETURN CODE FROM PX029025**

Explanation: The DB2 ECCR received an unexpected return code from the specified module. This is an internal error that causes the DB2 ECCR to abend.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177577W Capture for table '*creator.table\_name*' deferred due to pending table alteration**

Explanation: During DB2 ECCR initialization processing after a warm start, special start, or REFRESH command, the ECCR detected a new table for which to capture change data. The ECCR retrieved the table definition from the DB2 catalog. However, when the ECCR was ready to start or resume processing of the DB2 log records, the ECCR determined that the new table was being altered. As a result, the ECCR did not have an accurate and consistent definition of the new table.

System Action: Processing continues. The DB2 ECCR does not capture change data for the new table until it encounters the DB2 log records that contain the latest DDL changes for the table.

User Response: No response is required. The DB2 ECCR issues this informational message for tracking the source tables of capture interest.

**PWXEDM177578I Clone '*creator.table\_name*' is {added to | dropped from | exchanged with} table '*creator.table*' at timestamp**

Explanation: When the DB2 ECCR was processing DB2 log records, it detected that a clone table was added, dropped, or exchanged with its base table. The ECCR is currently capturing changes for the base table. This message provides the clone table name, base table name, and the timestamp for when the clone table change occurred. The timestamp format is yyyy-mm-dd-hh.mm.ss.mmmmmm.

System Action: Processing continues. The DB2 ECCR continues to capture changes for the base table but does not capture changes for the associated clone table. If the clone table and base table have been exchanged, the ECCR captures changes from the new instance of the table.

User Response: The informational message is issued to help properly track the tables from which data is captured. If the clone table and base table have been exchanged, additional action might be required. The change data that the ECCR captures from the new instance of the table might be inconsistent with the change data that was captured from the previous instance of the table. If so, data inconsistency problems might occur when you attempt to apply the newly captured change data to the targets. To resolve this problem, rematerialize the targets.

**PWXEDM177583W Dynamic allocation failed for dataset "data\_set\_name", RC=return\_code, S99ERROR=error\_code, S99INFO=info\_code.**

**Explanation:** During initialization, the DB2 ECCR determined that it needed to get schema information for a table by dynamically allocating and reading the specified tablespace data set or partition data set that contains the table. However, the dynamic allocation request for the data set failed.

The DB2 ECCR issues this warning message to indicate a problem in capturing changes for this table might occur. This problem can occur only if you are using DB2 Version 9.1 or later.

This message includes the data set name, and the return code, error reason code, and information code returned from the dynamic allocation attempt. The DB2 ECCR also issues message PWXEDM177584W to identify the table, tablespace, and partition number that triggered the dynamic allocation request.

**System Action:** The ECCR terminates.

**User Response:** For more information about the error, see the subsequent error message PWXEDM177595E.

**PWXEDM177584W Table 'table\_name' recalling 'tablespace\_vsam\_cluster\_name'.**

**Explanation:** The DB2 ECCR determined that the specified VSAM cluster for a tablespace was migrated off disk. The cluster data set will be recalled.

**System Action:** The specified VSAM cluster data set is recalled.

**User Response:** No response is required.

**PWXEDM177585W Dynamic unallocation failed for dataset 'data\_set\_name', DDname=dd\_name, RC=return\_code, S99ERROR=error\_code, S99INFO=info\_code.**

**Explanation:** During initialization, the DB2 ECCR tried to get schema version information for a table. The ECCR gets this information by dynamically allocating and reading the tablespace data set or partition data set that contains the table. After processing the schema version information, the DB2 ECCR dynamically unallocates, or deallocates, the data set. However, the dynamic unallocation request failed. This error can occur only if you are using DB2 Version 9.1 or later.

This message includes the name of the data set that was being unallocated and the return code, error reason code, and information code returned from the dynamic unallocation request.

**System Action:** Processing continues. However, the failure to unallocate the data set might lead to resource problems in the DB2 ECCR later. For example, the TIOT entry that was used when the data set was allocated might not be freed, which could lead to the DB2 ECCR exhausting the available space in the TIOT.

**User Response:** To determine the reason for the unallocation failure, examine the return and reason codes that are reported in this message in conjunction with operating system documentation. You might need to recycle the DB2 ECCR to prevent future related problems. If you cannot determine the reason for the dynamic unallocation failure, contact Informatica Global Customer Support.

**PWXEDM177586E Internal error - Invalid call function for X029234**

**Explanation:** The DB2 ECCR encountered an invalid call function for the specified module. This is an internal error that causes the DB2 ECCR to abend.

**System Action:** The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177587E Internal error - Invalid {R2PTA | CCDTS | CCDTP} control block address or contents**

Explanation: The DB2 ECCR needed to obtain schema version information for a table, which it does by reading the tablespace or partition dataset(s) for the table. While processing the schema version information in the data set, the DB2 ECCR detected an invalid control block structure in its own control blocks. The error message identifies the specific control block in which the error was detected. This problem only occurs if you are using DB2 Version 9.1 or higher.

System Action: The DB2 ECCR abends.

User Response: Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177588E Table 'table\_name' file 'VSAM\_cluster\_name' [pageset header|ODBREC record] error - error\_description.**

Explanation: During initialization, the DB2 ECCR tried to get schema version information for the specified table by reading the tablespace data set or partition data set that contains the table. While processing the schema version information, the DB2 ECCR found invalid data in some data set pages.

This problem can occur only if you use DB2 Version 9.1 or later.

This message includes the type of record associated with the error, the tablespace or partition data set name, the fully-qualified table name, and a description of the error. The *error\_reason* variable represents one of the following values:

- Inconsistent data in page
- Page not from a file page set
- Page is not a file set header
- Not correct DBID/PSID in Hdr
- Page size is not correct
- Too many entries found
- Page number does not match
- Page is not System OBDREC page
- Record ID not in ID Map
- ID Map entry is a free entry
- Record is not a Record OBD
- Wrong OBID found in record OBD
- OBD record suffix invalid
- Wrong schema version in OBDREC
- Dupl. schema versions, diff. len
- No OBDREC records to read
- Tablespace page size invalid
- Tablespace DSSIZE invalid

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the following diagnostic information:

- JES output from the DB2 ECCR.
- DB2 DSN1PRNT utility output for the tablespace or partition data set

To restart the DB2 ECCR, you need to remove the table from change capture processing and then perform a warm start.

**PWXEDM177589W Excessive schema version entries bypassed for 'creator.table\_name' in dataset 'data\_set\_name'.**

Explanation: During initialization, the DB2 ECCR tried to get schema version information for the specified table by reading the tablespace data set or partition data sets for the table. While processing the schema version information, the DB2 ECCR found too many schema versions. The maximum number of schema versions is 100.

The DB2 ECCR records information for only the 100 most recent schema versions for the table. If the ECCR encounters log records with an older schema version, it issues this message to warn of a potential problem in capturing data for the table.

This problem can occur only if you use DB2 Version 9.1 or later.

This message includes the fully-qualified table name and the name of the tablespace or partition data set that was being processed when the problem occurred.

System Action: If the ECCR encounters log records with older schema versions, it might not interpret the log data correctly. In this case, the ECCR issues message PWXEDM177456E or PWXEDM177460E and reacts in one of the following ways, depending on the setting of the EC PERMIL statement in the REPL2OPT DD data set:

- If the EC PERMIL value is 0 or has been exceeded, the ECCR abends.
- If the EC PERMIL value has not been exceeded, the ECCR discards the log records.

**Note:** Normally, if you reorganized the tablespace or partition after making a schema change that incremented the schema version number, no rows in the table should be recorded with an older schema version.

User Response: If the ECCR encounters errors, follow the instructions in message PWXEDM177456E or PWXEDM177460E.

To prevent this problem from reoccurring in the future, reorganize the tablespace or partitions that contain this table. This action eliminates the older schema versions.

**PWXEDM177590W Table 'table\_name' dataset 'VSAM\_cluster\_name' access violation.**

Explanation: During initialization, the DB2 ECCR tried to get schema version information for the specified table by reading the tablespace data set or partition data set that contains the table. The ECCR could not open the specified data set. The ECCR issues this warning message to indicate that an access violation has occurred. This problem can occur only if you are using DB2 Version 9.1 or later.

The message text includes the fully-qualified table name, along with the name of the data set being opened. MVS also issues messages to indicate that the open of this data set failed.

System Action: The ECCR terminates.

User Response: For more information about the access violation, see the subsequent error message PWXEDM177595E.

**PWXEDM177592W Schema version entries bypassed for 'creator.table\_name' in dataset 'data\_set\_name' - DSSIZE value unavailable.**

**Explanation:** During initialization, the DB2 ECCR tried to get information for determining the schema version for the specified table by reading the tablespace data set or partition data set that contains the table. However, the DSSIZE information was not available. This problem occurs because the columns in the PowerExchange capture directory tables for the supported schema version contain default values instead of the correct values from the DB2 catalog. The DB2 ECCR issues this warning message to indicate that it might encounter problems in capturing log data for the table.

This problem can occur only if you are using DB2 Version 9.1 or later.

The message text includes the fully-qualified table name, the name of the data set that the ECCR was processing, and the type of information that was not available.

**System Action:** Processing continues. The DB2 ECCR continues to capture changes for the table, even though some schema version information might be unavailable. If the ECCR reads log records for the table with an older schema version, the ECCR might not interpret that log data correctly. In this case, the ECCR issues message PWXEDM177456E or PWXEDM177460E and reacts in one of the following ways, depending on the setting in the EC PERMIL statement in the REPL2OPT DD data set:

- If the EC PERMIL value is 0 or has been exceeded, the ECCR abends.
- If the EC PERMIL value has not been exceeded, the ECCR discards the log records.

**Note:** Normally, if you reorganize the tablespace or partitions after making a schema change that increments the schema version, no rows in the table should be recorded with an older schema version.

**User Response:** If the DB2 ECCR encounters errors when capturing data for this table, follow the instructions in message PWXEDM177456E or PWXEDM177460E.

To prevent this problem from occurring in the future, use the sample SQL in the FIXTCAPC, FIXTCAPS and FIXTCAPT members of the PowerExchange SAMPLIB library to update the columns in the PowerExchange capture directory tables with the correct values from the DB2 catalog.

If this message persists after the SQL updates to the capture directory tables have been done, contact Informatica Global Customer Support.

**PWXEDM177593E UNEXPECTED VALUE IN SCHEMA\_VERSIONS COLUMN OF TCAPTABLES TABLE**

**Explanation:** The DB2 ECCR found an incorrect value in the SCHEMA\_VERSIONS column of the TCAPTABLES table. This is an internal error.

**System Action:** The DB2 ECCR abends.

**User Response:** Collect the complete DB2 ECCR job listing, including the SYSUDUMP output. Then, contact Informatica Global Customer Support.

**PWXEDM177594W Schema version processing bypassed for catalog tables: {Unable to find DSN6SPRM eyecatcher|Unable to find SPRMVCAT eyecatcher}**

- Explanation: During initialization, the DB2 ECCR could not find some information that is required to determine the schema version for the DB2 catalog tables. The ECCR tried to get this information from the DB2 DSNZPARM member. Verification checking of the returned information failed with this warning message, which identifies the information not found.
- Although this schema version information is not required, it can help avoid ECCR abends. ECCR abends can occur if you use DB2 10 new-function mode or later and any of the DB2 catalog tables of interest to the ECCR are modified outside of a PowerExchange release boundary to either add columns or modify existing columns. For example, in DB2 Version 10, the catalog tables were modified to support reordered row format.
- This warning message indicates that the ECCR might encounter problems processing DDL operations if the DB2 catalog tables have been modified.
- System Action: Processing continues. If a DB2 catalog table has been modified in a manner that changes the fixed-length portion of its logged row image and Informatica is not aware of this schema change, the DB2 ECCR abends the first time it tries to process a DDL change for the catalog table.
- User Response: Contact Informatica Global Customer Support.

**PWXEDM177595E Failed to obtain RRF info for one or more tables. See previous warnings/errors.'**

- Explanation: During a DB2 ECCR start or refresh operation, the ECCR failed to obtain reordered row format (RRF) information for one or more tables.
- System Action: DB2 ECCR processing ends.
- User Response: Review the preceding error and warning messages. Then correct any issues that the messages identify and perform ECCR cold start, special start, warm start, or refresh operation again.

**PWXEDM177596I Table '*creator.table\_name*' number\_of\_records compressed records skipped from *rba1\_or\_lrsn1.data\_sharing\_member\_id.sequence\_number* thru *rba2\_or\_lrsn2.data\_sharing\_member\_id.sequence\_number***

- Explanation: The DB2 for z/OS ECCR skipped records for the specified table because they were not decompressed by DB2. This message identifies the number of compressed records that were skipped and the RBA or LRSN boundaries of the portion of the DB2 log that contain these records. This message is issued to the EDMMSG data set and as a WTO message.
- System Action: ECCR processing continues because the ROWNOTDECOMPRESSED statement is set to NOFAIL in the REPL2OPT file.
- User Response: No response is required. You can use this WTO message to automate alert notifications to the appropriate system users.

**PWXEDM177597W Capture Directory table TCAPTABLES column SCHEMA\_VERSIONS should be expanded to VARCHAR(768) FOR BIT DATA**

- Explanation: During initialization, the DB2 ECCR found that the SCHEMA\_VERSIONS column in the TCAPTABLES capture directory table does not have the datatype VARCHAR(768).
- System Action: Processing continues. Schema information might be discarded.
- User Response: Contact Informatica Global Customer Support for instructions on how to run SQL to update table column.



**PWXEDM177598W Table 'creator.table\_name' schema information vv-nnnn discarded.**

Explanation: The DB2 ECCR discarded schema information for the specified table because the SCHEMA\_VERSIONS column in the TCAPTABLES capture directory table is not VARCHAR(768). In the message text, *vv* is the schema version and *nnnn* is the fixed length of the schema version row.

System Action: Processing continues. The DB2 ECCR might not be able to process some change data.

User Response: Contact Informatica Global Customer Support for instructions on how to run SQL to update SCHEMA\_VERSIONS column. You might also need to run SQL to recover the discarded schema version information.

**PWXEDM177599E Table 'creator.table\_name' {before|normal} image version X'xx' is unknown at log\_rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number**

Explanation: When processing DB2 log records for the specified table, the DB2 ECCR found data with an unknown image version at the specified location in the DB2 logs.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177605E Table 'creator.table\_name' version version: calculated value value1 does not match X029234 value value2**

Explanation: For the schema version of the specified DB2 table, the calculated value does not match the value from the X029234 module.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177606E Table 'creator.table\_name' could not find old schema version to discard**

Explanation: The DB2 ECCR encountered a new schema version for the specified table but could not find the old schema version to discard. The old schema version needs to be discarded so that the TCAPTABLES capture directory table can expand a column to VARCHAR(768).

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177611I LOG POSITION rba\_or\_lrsn.data\_sharing\_member\_id**

Explanation: This message reports the RBA or LRSN location of the last log record that the DB2 ECCR read. In a data-sharing environment, the message includes the data-sharing member ID. This message accompanies messages PWXEDM177612I and PWXEDM177613E and is related to the error reported in PWXEDM177613E.

System Action: After the DB2 ECCR generates messages PWXEDM177612I and PWXEDM177613E, the ECCR abends.

User Response: For information about the related error, see PWXEDM177613E.

**PWXEDM177612I {QW0306ES|WQALLRBA|last returned} rba\_or\_lrsn**

Explanation: This message reports one of the following the RBA or LRSN values for a DB2 for z/OS log location that was returned to the QW0306ES or WQALLRBA module or that was last returned:

- For QW0306ES, this value is the end-of-scope value that is returned by an IFI306 call.

- For WQALLRBA, this value is the location of the first-requested log record for an IFI306 'F' call (f).
- For *last returned*, this value is the location of the log record read just before the log record that is reported in the previous PWXEDM177611I message.

This message accompanies messages PWXEDM177611I and PWXEDM177613E and is related to the error reported in PWXEDM177613E.

System Action: After the DB2 ECCR generates message PWXEDM177613E, the ECCR abends.

User Response: For information about the related error, see PWXEDM177613E.

**PWXEDM177613E DB2 READS LOGICAL FAILURE, LOG RECORDS(S) RETURNED {BEYOND END-OF-SCOPE| BEFORE READ POINT|BEFORE LAST RETURNED}**

Explanation: The DB2 ECCR encountered out-of-sequence log records. The message indicates why the ECCR determined the records were out of sequence. Messages PWXEDM177611I and PWXEDM177612I, which immediately precede this one, provide more information about the error.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete DB2 ECCR job listing, including SYSUDUMP output.

**PWXEDM177614E IFI RETURN AREA CONTAINS A DB2 LOG RECORD WITH INVALID LENGTH**

Explanation: The DB2 for z/OS instrumentation facility interface (IFI) return area for a PowerExchange request contains a DB2 log record that has an invalid length.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177615E MORE THAN *number\_of\_records* LOG RECORDS WITH SAME LRSN *lrsn***

Explanation: The DB2 for z/OS ECCR detected that more than the specified number of log records have the same LRSN.

System Action: The DB2 ECCR abends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177617E INVALID TRACE OPTION *option***

Explanation: The DB2 ECCR does not recognize the specified trace option. This message is issued either when the ECCR reads the TRACE statements in the REPL2OPT DD data set at startup or when you enter the MVS F *eccr\_job\_name*,TR {ACT|INACT},{*trace\_id*} command to start or stop a trace.

System Action: If a TRACE statement in the REPL2OPT data set contains an invalid option, the DB2 ECCR abends. If the TR command contains an invalid option, the ECCR ignores the command and continues processing.

User Response: In the REPL2OPT TRACE statement or the TR command, enter a valid option. For information about valid TRACE options, see the *PowerExchange CDC Guide for z/OS*. Alternatively, for the TR command, enter either the ACT or INACT option. For information about the TR command, see the *PowerExchange Command Reference*.

**PWXEDM177618I    TRACE OPTION *option* {ACTIVE|INACTIVE}**

Explanation:        This message indicates whether the trace option that is specified a TRACE statement in the REPL2OPT DD data set or in the MVS F *eccr\_job\_name*,TR {ACT|INACT},*trace\_id* command is active or inactive.

System Action:      DB2 ECCR processing continues.

User Response:      No response is required.

**PWXEDM177653I    Table '*creator.table\_name*' column '*column\_name*' *column\_type* {added|dropped} at *timestamp*.**

Explanation:        When processing log records for the DB2 catalog, the DB2 ECCR encountered a column ADD or DROP operation. This message includes the column name and DB2 column data type along with the fully qualified table name that contains the column and the DB2 timestamp at which the add or drop operation occurred. The timestamp is in the format yyyy-mm-dd-hh.mm.ss.mmmmmm. This message is issued only if the table is registered for change data capture.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM177674E    UNEXPECTED QW0306RS AT *rba\_or\_lrsn.data\_sharing\_member\_id* RC=*return\_code* RS=*reason\_code* DG=*diagnostic\_code***

Explanation:        The DB2 ECCR encountered an IF306 error when reading a log record at the specified location.

System Action:      The DB2 ECCR ends.

User Response:      Collect the following diagnostic information:

- SYSUDUMP, SYSABEND, or SYSMDUMP output from the job.
- Print output from the DB2 DSN1LOGP utility for the log record.

To determine if the error is transient, try to warm start the ECCR. If the restart fails, contact Informatica Global Customer Support. Provide Support with the diagnostic information that you collected.

**PWXEDM177680E    EDM INTERFACE ERROR: RC=*return\_code* RSN=*reason\_code* FUNC=*function request\_type***

Explanation:        The change interface component (CIC) encountered an internal error and returned control to the DB2 ECCR. The CIC also passed the return code and reason code to the DB2 ECCR.

System Action:      The DB2 ECCR abends.

User Response:      Ensure that the PowerExchange Agent and PowerExchange Logger are active. To determine the cause of the error, check the PowerExchange message log for additional messages associated with this error that the CIC, PowerExchange Agent, or PowerExchange Logger issued. Correct the problem, and run the job again.

**PWXEDM177690E    *module1* received unexpected *module2* return code *hex\_return\_code***

Explanation:        An internal error occurred. The specified DB2 ECCR module or routine received a return code for an error from another module or routine.

System Action:      The DB2 ECCR abends.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM177691I DB2 ECCR ESTAE ENTERED. [ABEND CODE *code* PSW *psw\_value*.]**

Explanation: The DB2 for z/OS ECCR ended. This message is usually issued for an ECCR initialization error, such as one caused by an incorrect control card in the ECCR JCL. The message includes the abend code and PSW information only when appropriate.

System Action: Capture processing stops.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177692I Diagnostic information follows.**

Explanation: This message introduces internal diagnostic information related to the DB2 for z/OS ECCR for Informatica Global Customer Support use.

User Response: No response is required.

**PWXEDM177694E *program\_name* called with invalid *parameter\_list* value X'xx'**

Explanation: An internal error occurred. The specified DB2 ECCR program was called with an invalid parameter list.

System Action: The DB2 ECCR abends.

User Response: Collect the SYSUDMP, SYSABEND, or SYSMDUMP output from the ECCR job. Then contact Informatica Global Customer Support.

**PWXEDM177695E *function\_name* INVALID CALL FUNCTION VALUE *value***

Explanation: An internal error occurred. The specified DB2 ECCR function was called with an invalid request.

System Action: The DB2 ECCR abends.

User Response: Collect the SYSUDMP, SYSABEND, or SYSMDUMP output from the ECCR job. Then contact Informatica Global Customer Support.

**PWXEDM177696E *function\_name* INVALID FUN2 VALUE *subfunction\_value* FOR FUNCTION *function\_value***

Explanation: An internal error occurred. The specified DB2 ECCR function was called with an invalid subfunction request.

System Action: The DB2 ECCR abends.

User Response: Collect the SYSUDUMP, SYSABEND, or SYSMDUMP output from the ECCR job. Then contact Informatica Global Customer Support.

**PWXEDM177697E SQL ERROR: OPERATION *sql\_operation* TABLE *table\_name***

Explanation: The DB2 ECCR tried to execute the specified SQL operation for the table but the operation failed.

System Action: The DB2 ECCR abends.

User Response: To diagnose the failure, see the messages that precede this one in the DB2 ECCR EDMMSG output. If the problem is correctable, correct the problem and restart the ECCR. Otherwise, collect the SYSUDUMP, SYSABEND, or SYSMDUMP output from the ECCR job and then contact Informatica Global Customer Support.

**PWXEDM177698E** *function\_name detected missing or invalid block control\_block at address*

Explanation: An internal error occurred. The specified DB2 ECCR function determined that the specified control block was missing or contained invalid input for the ECCR.

System Action: The DB2 ECCR abends.

User Response: Collect the SYSUDUMP, SYSABEND, or SYSMDUMP output from the ECCR job. Then contact Informatica Global Customer Support.

**PWXEDM177699W** *Table 'creator.table\_name' column 'column\_name': column type default used in place of user default*

Explanation: While processing the DEFAULTVALUE value for the specified column, the DB2 ECCR determined that it could not use the user default value.

System Action: Processing continues.

User Response: Collect diagnostic information from the EDMMSG and REPL2TRA files. Then contact Informatica Global Customer Support.

## CHAPTER 6

# PWXEDM181200 to PWXEDM181599

This chapter includes the following topics:

- [PWXEDM181200E to PWXEDM181223I: The PowerExchange Agent, 238](#)
- [PWXEDM181300W to PWXEDM181500W: PowerExchange Service Aid Utilities, 242](#)

## PWXEDM181200E to PWXEDM181223I: The PowerExchange Agent

**PWXEDM181200E** *module: Dynamic LPA operation\_name operation for module module\_name failed, RC=return\_code, Rsn=reason\_code*

Explanation: A module, using the MVS dynamic LPA service (CSVDYLPA), failed while attempting to add a load module into the Link Pack Area (LPA).

System Action: The PowerExchange Agent processing ends.

User Response: See the MVS documentation for the CSVDYLPA service to determine the reason for the error, then take action to correct the error accordingly.

**PWXEDM181201E** *module: Cannot locate CDE for module module\_name after CSVDYLPA*

Explanation: A module, using the MVS dynamic LPA service (CSVDYLPA), successfully added a load module into the Link Pack Area (LPA), but cannot locate the newly created CDE.

System Action: The PowerExchange Agent subtask processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM181202I** *module: function QName=qname RName=rnamestatus*

Explanation: An ENQ or DEQ macro, as specified in *function*, was issued for the indicated *qname* and *rname*. The variable *status* indicates whether the specified macro obtained or released the required resource or whether the resource failed. The PowerExchange Agent processing continues or ends depending on whether the function performed successfully.

User Response: If the function was successful, no response is required. If the function failed, a subsequent message further describes the error.

<b>PWXEDM181203E</b>	<b><i>module %:</i> Cannot change RepositoryMode on Agent warm startX. RepositoryMode=% remains in effect.</b>
Explanation:	During a warm start of the PowerExchange Agent, the specification of RepositoryMode in the PowerExchange Agent configuration parameters was different from what was initially specified. The mode that was in effect previously is indicated in the message. To ensure consistency in the usage of the PowerExchange Agent repository, the RepositoryMode value can only be changed when the PowerExchange Agent is started after being DRAINED and SHUTDOWN (with the COMPLETELY operand), or if the PowerExchange Agent is started STARTUP=COLD.
System Action:	The PowerExchange Agent continues, but the indicated RepositoryMode remains in effect.
User Response:	If it is desired to change the RepositoryMode setting, shut down all other PowerExchange tasks that use this PowerExchange Agent, then issue the PowerExchange Agent DRAIN command, and the PowerExchange Agent SHUTDOWN command with the COMPLETELY operand, then start the PowerExchange Agent with the same parameters as were being used on this restart. The repository mode should then be set as desired.
<b>PWXEDM181204I</b>	<b><i>module %:</i> Current RepositoryMode is %.</b>
Explanation:	This message is issued as a result of an PowerExchange Agent DISPLAY command with the REPMODE operand. Its purpose is to display the PowerExchange Agent RepositoryMode that is currently in effect.
System Action:	Normal processing continues.
User Response:	No response is required.
<b>PWXEDM181205E</b>	<b><i>module %:</i> DYNALLOC deallocation failed. DDname=%,RC=%,ErX ror code=%,Info code=%</b>
Explanation:	A dynamic deallocation request for the indicated DD Name failed. The DYNALLOC return code, error code and info code are shown by <i>rc</i> , <i>error</i> and <i>info</i> , respectively.
System Action:	The dynamic deallocation fails and the function that issued the request may also fail.
User Response:	If the cause of the error cannot be determined, contact Informatica Global Customer Support.
<b>PWXEDM181206I</b>	<b><i>module ##:</i> %</b>
Explanation:	This message is issued to augment and further describe one or more following messages.
System Action:	Not affected directly by this message.
User Response:	Depends on the circumstances that caused the message to be issued.
<b>PWXEDM181207I</b>	<b><i>module ##:</i> Repository Configuration Parameters (%):</b>
Explanation:	The repository configuration file is about to be processed.
System Action:	Normal processing continues.
User Response:	No response is required.
<b>PWXEDM181208E</b>	<b><i>module ##:</i> Error in repository configuration file %</b>
Explanation:	An error was found in a repository configuration file. The error is described in subsequent messages.
System Action:	The repository configuration is not used.

User Response: Determine the cause of the error, edit the repository configuration file and reopen the repository.

**PWXEDM181209E    *module ##: Error with repository cache data sets:***

Explanation: An error was found in a repository configuration file. The error is described in subsequent messages.

System Action: The repository configuration is not used.

User Response: If the cause of the error cannot be determined, contact Informatica Global Customer Support.

**PWXEDM181210I    *module ##: Soft error in cache %% (%%)***

Explanation: This message is issued when a soft error is detected in a cache.

System Action: Normal processing continues.

User Response: Depends on the circumstances that caused the message to be issued.

**PWXEDM181211I    *module ##: Cache %% newer than %%***

Explanation: This message is issued when caches are not the same.

System Action: Normal processing continues.

User Response: Depends on the circumstances that caused the message to be issued.

**PWXEDM181212I    *module ##: Using cached capture registrations (%%)***

Explanation: This message is issued when cached registrations are used.

System Action: Normal processing continues.

User Response: Depends on the circumstances that caused the message to be issued.

**PWXEDM181213E    *module ##: Repository access error:***

Explanation: An error was encountered accessing the repository. The error is described in subsequent message(s).

System Action: The currently loaded registrations (if any) continue to be used. The system retries every update interval.

User Response: If the cause of the error cannot be determined, contact Informatica Global Customer Support.

**PWXEDM181214I    *module ##: Repository access (re)established***

Explanation: Repository access has been established for the first time or has been reestablished after an error was encountered.

System Action: Normal processing continues.

User Response: No response is required.

**PWXEDM181215I    *module ##: New capture registrations (%%)***

Explanation: New capture registrations have been loaded.

System Action: Normal processing continues.

User Response: No response is required.



**PWXEDM181216I    *module : Repository status follows:***

Explanation:        This is the header for the output produced by the PowerExchange Agent REPSTATUS command. This is followed by message 181217, multiple times, and then by message 181218.

System Action:      Normal processing continues.

User Response:      No response is required.

**PWXEDM181217I    *module : repository\_status\_information***

Explanation:        This is a detail line for the output produced by the PowerExchange Agent REPSTATUS command. This follows message 181216 and can be issued multiple times. It is then followed by message 181218. Each instance of message 181217 contains some specific information about the status of the PowerExchange Agent Repository subtask.

System Action:      Normal processing continues.

User Response:      No response is required.

**PWXEDM181218I    *module : Repository status follows:***

Explanation:        This is the last line of the output produced by the PowerExchange Agent REPSTATUS command. This follows by message 181216, and multiple instances of message 181217.

System Action:      Normal processing continues.

User Response:      No response is required.

**PWXEDM181219I    *module ##: Updated capture registrations (%%)***

Explanation:        This message is issued when registrations are updated as a part of open processing and the change identifier is the same.

System Action:      Normal processing continues.

User Response:      Depends on the circumstances that caused the message to be issued.

**PWXEDM181220E    *module: Repository helper subtask ABENDED,Code=abend\_code,Reason=reason\_code***

Explanation:        This message is issued when the main repository task detects that the helper subtask has abnormally terminated.

System Action:      Repository helper subtask is not restarted.

User Response:      Determine the cause of the ABEND, issue REPCLOSE and REOPEN commands to restore helper subtask or contact Product Support for assistance.

**PWXEDM181221E    *module: Memory usage is increasing***

Explanation:        This message is issued when the main repository task detects that agent memory usage is increasing. This is now an optional message and will only be issued if the statement DTERIOMM DD DUMMY is coded in the PowerExchange Agent.

System Action:      Normal processing continues.

User Response:      A 181217 message detailing current memory usage follows this message. This message may be issued when a number of capture registrations are added. If this message is issued multiple times, it could indicate a problem and Informatica Corporation product support should be contacted.

**PWXEDM181222E    *module : Memory usage %% the line is %% percent of the region limit***

Explanation: This message is issued when the main repository task detects that agent memory usage has increased to be too close to the limit. It is issued for the first time when the memory used is 80% of that available to the PowerExchange Agent process (either the system default or the REGION parameter associated with the PowerExchange Agent). It will then be issued at 85%, 90%, 95%, then every time the memory usage increases after that. For example, if it increased by 1% each time messages would be issued at 96%, 97%, 98%, and so on.

System Action: Normal processing continues.

User Response: A PWXEDM181117 message detailing current memory usage follows this message. The maximum region size of the PowerExchange Agent task should be increased.

**PWXEDM181223I    *module : repository\_module\_build\_information***

Explanation: This message is issued during initialization of the PowerExchange Agent Repository subtask. It contains information to allow the build level of the Repository subtask modules to be identified.

System Action: Normal processing continues.

User Response: No response is required.

## PWXEDM181300W to PWXEDM181500W: PowerExchange Service Aid Utilities

**PWXEDM181300W    *Undefined message number message\_number***

Explanation: A module issued a message number that was not defined in any message prototype module. This message substitutes for the intended one and the service aid utility processing continues.

User Response: Contact Informatica Global Customer Support.

**PWXEDM181301I    *module: DETAIL Service Aid. Version version.release.modification***

Explanation: The PowerExchange service aid issues this message in the early stages of initialization. It shows the *version*, *release* and *modification* numbers. The PowerExchange service aid utility processing continues.

User Response: No response is required.

**PWXEDM181302I    *module: Processing terminated, RC=return\_code***

Explanation: The execution of the PowerExchange service aid utility ended with the specified return code.

System Action: The service aid utility processing ends.

User Response: Correct the error and run the job again.

**PWXEDM181303E    *module: OPEN of ddname file failed***

Explanation: A module made an unsuccessful attempt to open the specified file. Processing of the file ends.

System Action:	If the data definition name variable equals REPORT, then the PowerExchange service aid utility processing ends.
User Response:	If the data definition name variable equals REPORT, supply a valid file name and run the job again. Otherwise, contact Informatica Global Customer Support.
<b>PWXEDM181304E</b>	<b><i>module: GETMAIN failed for initialization control block</i></b>
Explanation:	The PowerExchange service aid utility could not obtain the storage required for its initialization processing.
System Action:	The PowerExchange service aid utility processing ends.
User Response:	Increase the region size and restart the PowerExchange service aid utility.
<b>PWXEDM181305E</b>	<b><i>module: GETMAIN failed for Options area {EDMSDIR EDMLEVEL EDMUPARM}</i></b>
Explanation:	The PowerExchange service aid utility could not obtain the storage required for its options load module areas.
System Action:	The PowerExchange service aid utility processing ends.
User Response:	Increase the region size and restart the PowerExchange service aid utility.
<b>PWXEDM181306E</b>	<b><i>module: LOAD failed. Module=module_name, Code=abend_code, Reason=reason_code</i></b>
Explanation:	A module issued a load macro, but the MVS Contents Supervision program could not locate the specified module.
System Action:	The PowerExchange service aid utility processing ends.
User Response:	Ensure that all required load libraries are included in the PowerExchange service aid STEPLIB and/or JOBLIB concatenations, and restart the PowerExchange service aid utility.
<b>PWXEDM181307E</b>	<b><i>module: Module compare: Old old_EDMLEVEL not in DD new_EDMLEVEL</i></b>
Explanation:	An EDMLEVEL compare request did not supply the old EDMLEVEL in the DD EDMLEVEL statement. The PowerExchange service aid utility processing ends for the compare function.
User Response:	Include an EDMLEVEL DD statement that points to the library that contains the old EDMLEVEL load module.
<b>PWXEDM181308E</b>	<b><i>module: Compare: Old=New DSN: data_set_name</i></b>
Explanation:	An EDMLEVEL compare request tried to compare the same data set. The PowerExchange service aid utility processing ends for the compare function.
User Response:	Include an EDMLEVEL DD statement that points to the library that contains the correct old EDMLEVEL load module, and the correct new EDMLEVEL load module.
<b>PWXEDM181309E</b>	<b><i>module: EDMLEVEL compare error</i></b>
Explanation:	An EDMLEVEL compare request abended in the EDMUREPC module. The PowerExchange service aid utility processing ends for the compare function.
User Response:	Contact Informatica Global Customer Support.
<b>PWXEDM181310E</b>	<b><i>module: Invalid or duplicate input parm; must be: ALL, SDIR, UPRM, LEVL, CLEV, UBLD</i></b>
Explanation:	A module encountered an invalid or duplicate input parameter. The PowerExchange service aid utility processing ends for the function.

User Response: Remove the duplicate parameter or enter a valid parameter.

**PWXEDM181311E    *module: Unexpected EOD for DD ddname***

Explanation: A module encountered an end-of-data (EOD) marker in the specified DD name. The only valid EOD marker exists in the EDMCNTL DD; any other EOD implies an internal error.

System Action: The PowerExchange service aid utility processing ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM181312I    *module: module\_name NOT in DD ddname***

Explanation: A module could not find the specified module name in the data definition. The PowerExchange service aid utility does not build the EDMUDESC source module, and processing continues.

User Response: Ensure that the \$CNTL module exists in the data set.

**PWXEDM181313I    *module: module\_name source module build failed***

Explanation: The build failed for the specified source module. The PowerExchange service aid utility does not build the EDMUDESC source module, and processing continues.

User Response: Correct the error by using the EXEC statement with the UBLD parameter.

**PWXEDM181314I    *module: module\_name source build completed successfully***

Explanation: The build completed successfully for the specified source module. The PowerExchange service aid utility processing continues.

User Response: No response is required.

**PWXEDM181315I    *module: ASM and Link source module: module\_name***

Explanation: The build process successfully completed for a source module. The PowerExchange service aid utility processing continues.

User Response: Assemble and link the specified module.

**PWXEDM181316I    *module: Error in module\_name. Can't build source source\_name***

Explanation: The build failed with an input error, for the specified source module. The PowerExchange service aid utility does not build the EDMUDESC source module, and processing continues.

User Response: Correct the error in the input module. Execute the PowerExchange service aid utility with the UBLD parameter, then assemble and link the EDMUDESC source module.

**PWXEDM181317I    *module: module\_name failed for DD ddname***

Explanation: The RDJFCB open failed for the specified data definition name. The PowerExchange service aid utility does not build the EDMUDESC source module, and processing continues.

User Response: Correct the error and restart the PowerExchange service aid utility.

**PWXEDM181318I    *module: DISP=OLD not specified for DD ddname***

Explanation: The DISP=OLD parameter must be specified for the data definition name. The PowerExchange service aid utility does not build the EDMUDESC source module, and processing continues.

User Response: Correct the error and restart the PowerExchange service aid utility.

**PWXEDM181319I    *module: STOW failed during operation\_name for DD ddname***

Explanation:        The STOW command failed during the specified operation for the data definition name. The PowerExchange service aid utility does not build the EDMUDESC source module, and processing continues.

User Response:      Correct the error and restart the PowerExchange service aid utility.

**PWXEDM181320I    *module: No descriptive ZAP and LMOD info available***

Explanation:        Load module (LMOD) and ZAP descriptions (in load module EDMUDESC) do not exist for the EDMLEVEL or EDMLEVEL compare request. The PowerExchange service aid utility does not display the LMOD and ZAP information, and processing continues.

User Response:      If the \$CNTL source module is available, execute the PowerExchange service aid utility with PARM=UBLD and assemble and link the EDMUDESC load module.

**PWXEDM181500W    *Repository access through the agent, not by xxxxxxx DD statement***

Explanation:        After applying patch P400019, the Event Marker utility now access the repository through the PowerExchange Agent instead of using a DD statement in the JCL.

User Response:      Remove the DD statement for the repository from the EDM Marker utility JCL.

CHAPTER 7

PWXEDM261000 to  
PWXEDM263999

This chapter includes the following topics:

- [PWXEDM261000I to PWXEDM261010I: The Logger API, 246](#)
- [PWXEDM263000I to PWXEDM263039W: The Log Read API, 247](#)

PWXEDM261000I to PWXEDM261010I: The Logger  
API

**PWXEDM261000I    EDP Logger Write API Initialization Options:**

Connect Name .....: *aaaaaaaa*  
Connect Type .....: {Type0|Type1}  
Checkpointing.....: {Single|Two Phase}  
Registration Type.....: {EDP|Detail Tag}  
Use Extended Info.....: {Yes|No}  
Event Marks Only.....: {Yes|No}  
User Supplies UOWids.....: {Yes|No}  
Each task issues Termination.....: {Yes|No}

Explanation:            The Log Write API has initialized. The API initialization options are listed.  
User Response:        No response is required.

**PWXEDM261010I    EDP Logger Write API Initialized (yyyyyyyy)|Status|Terminating**

Application High Sequence . . . . . : aaaaaaaaaa  
Application Low Sequence . . . . . : bbbbbbbbbbb  
[No] UOWs on active list  
[No] UOWs on resync list  
UOW -----  
SEQ ----- Status----  
xxxxxxx cccccc dddddddeeeeeeeeeee {in-doubt|in-flight}  
No UOWs on active list  
No UOWs on resync list

Explanation:        This message appears at API initialization, normal termination and whenever an API STAT request is made.

yyyyyyyy is the Log Write API token.

User Response:     No response is required.

## PWXEDM263000I to PWXEDM263039W: The Log Read API

This section contains messages for the Log Read API function.

**PWXEDM263000I    Log Read API Initialized: Header Version *nnn***

Explanation:        The Log Read API has initialized for header version *nnn*.

User Response:     No response is required.

**PWXEDM263001I    Log Read API external parameters:**

Explanation:        This message is the header for the list of parameters supplied at the EDMLPRM DD statement. It is followed by multiple 263002 messages (which are issued without a message number).

System Action:     Normal processing continues.

User Response:     No response is required.

**PWXEDM263002I    *echo\_of\_external\_parameter***

Explanation:        This message echoes the control statement read from the EDMLPRM DD statement during initialization of the Log Read API.

System Action:     Normal processing continues.

User Response:     No response is required.

**PWXEDM263003E Error in control card: *error\_description***

Explanation: This message is issued when an error has been encountered in one of the control statements read from the EDMLPRM DD statement. It is issued after the 263002 message that echoed the text of the control statement. *Error\_description* is one of:

- Blank card
- Keyword ran to end
- No = after keyword
- Internal error 1
- No keyword value present
- Unknown Keyword
- Keyword value too long
- Keyword value not numeric

System Action: Parsing of the remaining control statements continues, and any other errors that are discovered will also be reported.

However, once the parsing has processed all the statements, the Log Read API ends abnormally.

User Response: Correct the errors in the control statement and restart the Log Read API process.

**PWXEDM263010I Logger xxxxxx (yyyyyyyy): Connecting using agent zzzz**

Explanation: For PowerExchange logger xxxxxx using Read API token yyyyyyyy, the PowerExchange Log Read API connects to the logger using PowerExchange Agent zzzz.

User Response: No response is required.

**PWXEDM263011I Logger xxxxxx (yyyyyyyy): Opening to read from aaaaaaaaaaaaaaaaaa to bbbbbbbbbbbbbbbbbbb.**

Explanation: The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, is opening the log to read from Logger sequence number aaaaaaaaaaaaaaaaaa to Logger sequence number bbbbbbbbbbbbbbbbbbb. An open begins the flow of data from the Logger.

In the message text, bbbbbbbbbbbbbbbbbbb is one of the following values:

- All 0s. Indicates a request to read until EOF.
- All Fs. Indicates a non ending reader.

User Response: No response is required.

**PWXEDM263012I Logger xxxxxx (yyyyyyyy): Disconnecting**

Explanation: The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, is disconnecting from the Logger.

User Response: No response is required.

**PWXEDM263013I Log Read API Terminating**

Explanation: The PowerExchange Log Read API is ending.

User Response: No response is required.



**PWXEDM263014I    Logger xxxxxx (yyyyyyyy): Closing**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyy-yyyy, is closing the Logger connection. A close stops the flow of data from the Logger.

User Response:      No response is required.

**PWXEDM263015I    Logger xxxxxx (yyyyyyyy): Logger selects starting sequence number**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyy-yyyy, is requesting that the Logger determine the earliest available starting sequence number.

User Response:      No response is required.

**PWXEDM263020I    Logger xxxxxx (yyyyyyyy): Incomplete segmented record discarded**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyy-yyyy, determined that a chain of record segments should be complete at this point of the log. Message PWXEDM263021I provides additional details about this condition.

User Response:      No response is required.

**PWXEDM263021I    RBA range aaaaaaaaaaaaaaaaaa to bbbbbbbbbbbbbbbbbb found by record at RBA  
cccccccccccccccccc**

Explanation:        Additional information for proceeding message PWXEDM263020I. The discarded segment begins at Logger sequence aaaaaaaaaaaaaaaaaa and ends at bbbbbbbbbbbbbbbbbb. The detecting record is at Logger sequence cccccccccccccccc.

User Response:      No response is required.

**PWXEDM263025I    Logger xxxxxx (yyyyyyyy): EDMNAME filter list contains the following nnnn entries:**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyy-yyyy, lists the nnnn EDMNAMES in the EDMNAME filter list. For change data records, the Log Read API now returns only change records for EDMNAMEs in the list.

User Response:      No response is required.

**PWXEDM263026I    Logger xxxxxx (yyyyyyyy): zzzz**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyy-yyyy, has EDMNAME zzzz in the EDMNAME filter list.

User Response:      No response is required.

**PWXEDM263027I    Logger xxxxxx (yyyyyyyy): empty EDMNAME filter list set**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyy-yyyy, has an empty EDMNAME filter list. No change records are returned.

User Response:      No response is required.

**PWXEDM263028I    Logger xxxxxx (yyyyyyyy): EDMNAME filter list cleared**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyy-yyyy, has cleared the EDMNAME filter list. All change records are returned.

**Note:** This message can appear as a result of an explicit request to clear the list or in the course of setting a new list.

User Response:      No response is required.

**PWXEDM263030W    Logger xxxxxx (yyyyyyyy): Record segment found at aaaaaaaaaaaaaaaaaa SEQ: bb CHN:cc**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, encountered a record segment. This event might be normal but it is unusual so it is being logged. The segment is at Logger sequence aaaaaaaaaaaaaaaaaa with segment sequence number bb. Internal chain flags are cc.

User Response:      No response is required.

**PWXEDM263031E    Logger xxxxxx (yyyyyyyy): SEDM EDMNAME list duplicate: zzzzz**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, encountered a duplicate EDMNAME, zzzzz, while building the EDMNAME filter list.

User Response:      No response is required.

**PWXEDM263032W    Logger xxxxxx (yyyyyyyy): aaaa failed: rc=0xbbbbbbb rsn=0xccccccc**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, call aaaa failed with return code bbbbbbbb and reason code ccccccc. Additional internal return codes may follow in message PWXEDM263033I.

**Note:** If the API appears after Logger then the failure occurred before or during a Logger connection.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM263033W    (internal code 0xaaaaaa 0xbbbbbbb)**

Explanation:        An Log Read API function failed. Additional diagnostic information is presented. This information is helpful to support personnel. Often these values are PowerExchange return and reason codes.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM263035I    Logger xxxxxx (yyyyyyyy): Subtask ended; rc=0xaaaaaaa**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, helper subtask ended with return code aaaaaaa. See related message PWXEDM263032W.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM263036E    Logger xxxxxx (yyyyyyyy): Received ECMD aaaa reply with rc=0xbbbbbbb rsn=0xccccccc**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, received an encoded command reply numbered aaaa from the Logger. The encoded command contains return code bbbbbbbb and reason code ccccccc.

User Response:      No response is required. unless message PWXEDM263032W is also issued. In this case, contact Informatica Global Customer Support.

**PWXEDM263037W    Logger xxxxxx (yyyyyyyy): Unexpected ECMD aaaa reply received with rc=0xaaaaaaa rsn=0xbbbbbbb**

Explanation:        The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, received an unexpected encoded command reply numbered aaaa from the Logger. The encoded command reply contains return code aaaaaaa and reason code bbbbbbb. See related message PWXEDM263032W.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM263038W** **Logger xxxxxx (yyyyyyyy): Unexpected ECMD aaaa request received with rc=0xbbbbbbbb rsn=0xaaaaaaaa**

Explanation: For The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, received an unexpected encoded command request numbered aaaa is received from the Logger. The encoded command reply contains return code aaaaaaaa and reason code bbbbbbbb. See related message PWXEDM263032W.

User Response: Contact Informatica Global Customer Support.

**PWXEDM263039W** **Logger xxxxxx (yyyyyyyy): Unsupported Service Record: aaaaa**

Explanation: The Log Read API, for Logger xxxxxx using Read API token yyyyyyyy, received an unsupported Service Record from the Logger. The service record text is aaaa. The record is ignored. See related message PWXEDM263032W.

User Response: Contact Informatica Global Customer Support.

## CHAPTER 8

# Abend, Return, and Reason Codes in PowerExchange Messages

This chapter includes the following topics:

- [Abend, Return, and Reason Codes Overview, 252](#)
- [IBM Product Return and Reason Codes, 253](#)
- [PowerExchange Abend Codes, 253](#)
- [PowerExchange Return Codes, 254](#)
- [PowerExchange Reason Codes, 257](#)

## Abend, Return, and Reason Codes Overview

Some PowerExchange messages include one or more codes that provide additional information. For example, a message may include a return code to indicate whether a component or utility ran successfully. In the following example, return code 0 indicates that the relevant component completed execution with no errors:

```
PWXEDM172302I Subtask terminating for program=EDMMLRP1,  
Return code=X'00000000' (0) Reason=X'00000000' (0).
```

You can receive the following types of codes in PowerExchange messages:

- Abend codes
- Return codes
- Reason codes

For each code type, this appendix lists the codes in groups, based on the PowerExchange components that generate the codes.

# IBM Product Return and Reason Codes

Some return and reason codes provided by PowerExchange are created by the z/OS operating system or by another IBM product. For explanations of these codes, see the appropriate IBM z/OS, IMS, VSAM, or DB2 documentation. Examples of IBM documents that contain explanations of return codes include:

- *DFSMS: DFSMSdfp Diagnosis*
- *z/OS Programming: Authorized Assembler Services Guide*
- *z/OS Programming: Authorized Assembler Services Reference*
- *IMS Messages and Codes*
- *DB2 for z/OS Messages*
- *DB2 for z/OS Codes*

## PowerExchange Abend Codes

Abend codes provide a notice that the system abnormally terminated. Some PowerExchange components issue a single abend code for all abends. Other components issue different abend codes with each abend message also providing a reason code that explains the abend. PowerExchange also issues abend codes that are created by the MVS operating system or another IBM product. For explanations of these abend codes, see the appropriate IBM MVS, IMS, VSAM, or DB2 documentation.

### Abend Code U0001 - PowerExchange Agent

The PowerExchange Agent issues a user abend code of U0001 to indicate that the PowerExchange Agent encountered an unrecoverable error.

The PowerExchange Agent also issues a related reason code when it issues the abend code. In addition, the PowerExchange Agent always issues message PWXEDM172012E before issuing the message containing the abend code and the related reason code.

The following table describes the related reason codes for abend code U0001:

Reason Code	Explanation
00000001	The PowerExchange Agent detected an invalid initialization work area (EDMSIWRK) or pointer.
00000002	The PowerExchange Agent detected an invalid agent global control area (EDMSCTRL) or pointer.
00000003	The PowerExchange Agent detected an invalid ACB or pointer.
00000004	The PowerExchange Agent detected an invalid RPL or pointer.
00000005	The PowerExchange Agent detected an invalid SUBSYS I/O work area (EDMSIOW) or pointer.
00000006	The PowerExchange Agent detected an invalid subtask work area (EDMSSTSK) or pointer.
00000007	The PowerExchange Agent detected a corrupted storage area chain.
00000101	The PowerExchange Agent detected a zero length SUBSYS I/O PUT request.

Reason Code	Explanation
00000102	The PowerExchange Agent could not find a SUBSYS I/O buffer.
00000103	The PowerExchange Agent detected a locate mode SUBSYS I/O PUT request.
00000201	The PowerExchange Agent did not pass any parameters to the lock manager.
00000202	The PowerExchange Agent passed a bad function code or operand to the lock manager.
00000203	The lock manager could not obtain storage.
00000204	The PowerExchange Agent passed an invalid ASCB and/or TCB address to the lock manager.
00000205	The PowerExchange Agent made a request for a lock that was lower in the lock hierarchy than a lock already being held.
00000301	The Batch VSAM ECCR requested termination of the job.

The PowerExchange Logger may also issue a related reason code when it issues the abend code. The PowerExchange Logger generates this code based on the number or name of the module issuing the abend and the message number of the message that describes the abend in more detail.

## Abend Code U0356 - Batch VSAM ECCR

The Batch VSAM environmental change capture routine (ECCR) issues the U356 abend code to indicate that Batch VSAM ECCR abended.

## Abend Code U3035 - PowerExchange Logger

The PowerExchange Logger issues the U3035 user abend code to indicate the PowerExchange Logger abended.

## Abend Code U3680 - DB2 ECCR

The DB2 environmental change capture routine (ECCR) issues the U3680 user abend code to indicate the DB2 ECCR abended.

The DB2 ECCR usually issues a related reason code. The DB2 ECCR generates this reason code based on the number or name of the module that issues the abend, and the message number of the message that describes the abend in more detail. If your system abends, make a note of this abend-related reason code.

# PowerExchange Return Codes

After you run a PowerExchange job that provides a return code, the system logs that return code to an output file or prints it to a device. You can receive standard return codes, common return codes, or component specific return codes.

Some return codes provided by PowerExchange are created by the MVS operating system or another IBM product. For explanations of these return codes, see the appropriate IBM MVS, IMS, VSAM, or DB2 documentation.

## Return Codes 0 to 12 - Standard

Lists values for the standard return codes. The return code values increase as the degree of severity increases.

The following table describes return codes 0 to 12:

Return Code	Explanation
0	Indicates successful execution of the program, component, or module without warnings or errors.
4	Indicates one of the following <ul style="list-style-type: none"><li>- The program, component, or module completed successfully, but the processing included warnings.</li><li>- The program execution may be incomplete.</li></ul> In either situation, the program writes the warnings to an output or print file that you can use to determine the problem. Normally, you cannot determine whether the program executed successfully without examining this file.
8	Indicates an error occurred during program, component, or module execution. The program writes the error message to an output or print file that you can examine to determine the problem.
12	Indicates the program, component, or module that ended during processing because of a severe error. Often, the error involves a problem with the operating system environment or authorization.

## Return Codes 1 to 412 - Common

Some internal components of PowerExchange use a common set of return codes. Some of these codes are the same as the standard codes but have an expanded explanation or a different explanation.

The following table lists these common return codes and provides an explanation of each code:

Decimal Return Code	Explanation
1	The requested item or function was not found.
2	The system found a duplicate of the requested function or item.
4	This is the standard return code for warnings. When issued by an PowerExchange component, it provides one of the following specific warnings: <ul style="list-style-type: none"><li>- The system is sending an end-of-file (EOF) notification to a subtask.</li><li>- The conversion buffer is too small. This is a warning.</li><li>- An ECCR passed a record from an incorrect file.</li><li>- The record came from a file that is not having data captured and propagated.</li><li>- The system tried to send captured changes to a file that is not supposed to receive captured changes.</li></ul>
12	The system must not call PowerExchange again.

Decimal Return Code	Explanation
16	A critical error occurred.
17	A security error occurred.
411	A task abnormally ended (abended).
412	The shutdown timer ended.

## Return Codes 0 to 12 - PowerExchange Agent

The PowerExchange Agent issues return codes from 0 through 12.

The following table lists the return codes that the PowerExchange Agent issues:

Decimal Return Code	Explanation
0	See <a href="#">"Return Codes 0 to 12 - Standard" on page 255</a> .
4	See <a href="#">"Return Codes 0 to 12 - Standard" on page 255</a> .
8	The PowerExchange Agent encountered a general error. The PowerExchange Agent was able to return a reason code and to display the reason code in the message with this return code. See <a href="#">"Reason Codes 001 to 255 - PowerExchange Agent" on page 258</a> for these reason codes.
12	The PowerExchange Agent encountered a severe general error. The severity of the error prevented the PowerExchange Agent from returning a reason code.

## Return Code 221: PowerExchange Logger

The following table lists the return code that the PowerExchange Logger issues:

Hexadecimal Return Code	Explanation
00DD 221	A general error occurred.

The following table lists the return codes that the Batch VSAM environmental change capture routine (ECCR) issues:

Decimal Return Code	Explanation
0	The Batch VSAM ECCR change capture module is active.
4	The specified module is initialized but is not active.
8	The specified module has not been initialized.



## Return Codes 0 to 8 - Batch VSAM ECCR

The batch VSAM environmental change capture routine (ECCR) issues return codes from 0 through 8.

The following table lists the return codes that the Batch VSAM environmental change capture routine (ECCR) issues:

Decimal Return Code	Explanation
0	The Batch VSAM ECCR change capture module is active.
4	The specified module is initialized but is not active.
8	The specified module has not been initialized.

## PowerExchange Reason Codes

Reason codes provide information about system operations or about the cause of problems. This section provides lists and explanations of reason codes that can help you or your vendor product support representative troubleshoot the failing component. The PowerExchange reason codes are listed by PowerExchange component. Some reason codes provided by PowerExchange are created by the MVS operating system or another IBM product.

For explanations of these reason codes, see the appropriate IBM MVS, IMS, VSAM, or DB2 documentation. Some components do not create reason codes, but display reason codes created by another component or the operating system.

For example, the copybook compiler does not create reason codes. Each reason code it displays is created by a system routine and is documented in the IBM MVS manual cited in the message that returns the reason code.

Reason codes are written to the appropriate message log or displayed as hexadecimal or decimal values. The hexadecimal format is X'xxxxxxx' and the decimal format is (nnnnnnnn). The reason code is four bytes long. The first two bytes (four hexadecimal characters) identifying the internal module; the last two bytes (four hexadecimal characters) identifying the reason.

## Reason Codes xxxx0800 to xxxx081F - Common

Several internal components of PowerExchange use a common set of reason codes.

The following table lists these reason codes with explanations for each code:

Reason Code	Explanation
xxxx0800	A general program error occurred.
xxxx0801	An invalid function code was found.
xxxx0802	An invalid token was found.
xxxx0803	A common token was not found.

Reason Code	Explanation
xxxx0804	A GETMAIN error occurred.
xxxx0805	A DD name was not found.
xxxx0806	A program LOAD error occurred.
xxxx0807	A circular queue problem occurred.
xxxx0808	You are not authorized for this function.
xxxx0809	An OPEN failed.
xxxx080A	The component was not able to obtain the supervisory state.
xxxx080B	An error occurred while processing a FREEMAIN function.
xxxx080C	A program DELETE error occurred

**Note:** Because any module can issue these codes, the variable xxxx represents the first two bytes (four hexadecimal characters) of the reason code.

## Reason Codes 001 to 255 - PowerExchange Agent

The PowerExchange Agent issues the following types of reason codes:

- Messages that display the abend code U0001 also display a related reason code to help you determine the cause of the abend.
- Other messages display the second type of reason code to help you determine the cause of the error related to that message.

The following table describes this type of reason code:

Decimal Reason Code	Hexadecimal Reason Code	Explanation
001	001	A private STORAGE OBTAIN failed.
002	002	A private STORAGE OBTAIN for less than 16M bytes failed.
003	003	A common STORAGE OBTAIN failed.
004	004	A common STORAGE OBTAIN for less than 16M bytes failed.
005	005	MVS is not at the required SP level.
006	006	A RACROUTE AUTH call failed.
007	007	An AUTH call, which is not a RACROUTE AUTH call, failed.
008	008	An internal logic error occurred in the module that is calling the PowerExchange Agent. It did not send the correct password key.

Decimal Reason Code	Hexadecimal Reason Code	Explanation
009	009	The required PowerExchange subsystem data space does not exist.
010	00A	The PowerExchange subsystem could not be found.
011	00B	A subsystem was found, but it is not an PowerExchange subsystem.
012	00C	An attempt to load the EDMSDIR module failed.
013	00D	The EDMXCIRQ circular queue returned an error.
014	00E	The global queue does not exist.
015	00F	The calling module did not pass an PowerExchange queue handle.
016	010	The calling module passed a queue handle, but the handle has an incorrect version number or format.
017	011	The calling module did not pass an PowerExchange handle.
018	012	The calling module passed an PowerExchange handle, but the PowerExchange handle has an incorrect version number or format.
019	013	The PowerExchange subsystem initialization (EDMSINIT) has not been performed.
020	014	An PowerExchange subsystem initialization (EDMSINIT) was attempted; however, it is already initialized.
021	015	An EDMSCTRL pointer is missing or invalid.
022	016	The address space creation macro (ASCRE) failed.
023	017	The address space creation macro (ASCRE) failed because another component sent the PowerExchange Agent an invalid address space name.
024	018	The address space creation macro (ASCRE) failed because the requested resource is not available. The requesting component needs to request the resource later. If the requesting component times out before the resource is available, you may need to run the job again.
025	019	The PowerExchange Agent attempted to create the global queue; however, it already exists.
026	01A	The PowerExchange Agent is processing a DRAIN command.
027	01B	The PowerExchange Agent completed processing for a DRAIN command.
028	01C	The EDMSASIN module terminated the address space creation macro (ASCRE).
029	01D	The PowerExchange Agent received a SHUTDOWN COMPLETELY command and was completely shut down.

Decimal Reason Code	Hexadecimal Reason Code	Explanation
030	01E	A dynamic allocation (DYNALLOC) for the subsystem DD failed.
031	01F	The global queue received a request from a program with an invalid ASID.
032	020	There was a mismatch with the global queue sequence number.
035	023	The PowerExchange Agent attempted to access the PowerExchange repository and found the PowerExchange repository was not open or found the PowerExchange repository command was invalid.
036	024	The PowerExchange Agent received an invalid repository command.
037	025	An error occurred with an RIOM call.
040	028	The PowerExchange Agent found that data was truncated.
045	02D	The module currently holds or has obtained the lock.
046	02E	The module does not currently hold the lock.
047	02F	The requested lock was unavailable.
048	030	The lock is not held and cannot be obtained because of hierarchy rules.
060	03C	The SLOW area could not obtain storage.
061	03D	The resource manager could not obtain storage.
062	03E	The task work area could not obtain storage.
063	03F	The global queue handler could not obtain storage.
070	046	A bad STOKEN occurred during an EDMSRMGR call.
071	047	A bad TCB occurred during an EDMSRMGR call.
072	048	The EDMSRMGR TCB is not in the home ASID.
230	0E6	The PowerExchange Agent does not allow SRB mode callers.
239	0EF	A request timed out.
240	0F0	An illogical function request occurred.
241	0F1	A required subsystem or subtask is not active.
242	0F2	An OPEN command failed.
243	0F3	A CLOSE command failed.
244	0F4	The PowerExchange Agent encountered an invalid data set name.

Decimal Reason Code	Hexadecimal Reason Code	Explanation
245	0F5	A module LOAD failed.
246	0F6	The IBM timing macro (STIMER) failed.
247	0F7	The PowerExchange Agent encountered a command with the incorrect number of operands.
248	0F8	Another component requested a function that is not available.
249	0F9	The PowerExchange Agent could not add data to a buffer or file, because the buffer or file was full.
250	0FA	Another component sent a request to the PowerExchange Agent to find something, but the PowerExchange Agent could not find it.
251	0FB	The PowerExchange Agent found a duplicate request or duplicate record.
252	0FC	One module passed an incorrect operand to another module.
253	0FD	An invalid function was requested or the function request had an incorrect number of errors.
254	0FE	An unexpected error occurred.
255	0FF	An abnormal termination (abend) occurred.

## Reason Codes 00000601 to 00004499 - Command

PowerExchange issues reason codes from encoded commands that pass between program modules. Some of these reason codes are displayed in the messages that you see when an error occurs.

The following table describes these reason codes:

Reason Code	Explanation
00000601	An unknown error occurred.
00000602	There is no schema registration.
00000603	There is no relational schema registration.
00000604	There is no object or schema that matches the specified EDMNAME.
00000605	The object or schema is not active for the time requested.
00000702	If message PWXEDM172702I is issued, then the Log Read task (EDMLCQ00) has been terminated because the PowerExchange Logger stole the active log it was using because no other active logs are available. Otherwise, the Log Read task (EDMLCQ00) in the PowerExchange Logger has abended.
00000703	No logged-on reader control block found for Terminate Process.

Reason Code	Explanation
00000704	Terminate Process request failed.
00000805	Client Control Block not found (client not already or no longer signed on to Logger).
00000813	Invalid XCF message (unrecognized encoded command).
00001506	Data Is No Longer Available (no RBA range can be found).
00001507	data is not present in inventory (requested timestamp does not yet exist).
00001508	Data Not Accessed Due To Error (for example, attempt to attach subtask failed).
0000150A	Log reader disconnected from Logger before initialization was completed.
00001510	Tran Id Logger Name Not This Logger.
00001511	No logged-on reader control block found for Request Data Transfer.
00001514	Stop location is before start location.
00001515	No such start location found.
00001601	No logged-on reader control block found for Stop Data Transfer.
00001701	Registration request failed for unknown reason.
00001702	There are no database, data set, or subsystem registrations.
00001703	There are no registrations of the specified type.
00001704	There is no object or schema that matches the specified EDMNAME.
00001705	The object or schema is not active for the time requested.
00001706	The module cannot find the primary object profile for the object. Possible reasons include that the object is not defined to PowerExchange. For VSAM and IMS, this reason code can be generated if you create redefined records for a VSAM data set or an IMS segment, and then delete the primary record definition.
00001708	Registration request for invalid object type.
00001901	The PowerExchange Logger is shutting down.
00001902	The PowerExchange Logger requires additional system resources.
00001903	The queue could not be opened.
00001904	Invalid signon request (requesting neither read mode nor write mode).
00001905	Already signed on (duplicate jobname).
00001906	An XCF connection failed.
00001907	The PowerExchange Logger is not ready.

Reason Code	Explanation
00001908	Logger on different CPU (Log Reader attempted to connect to Logger that was running on a different operating system instance).
00001909	Failed to add log reader control block (OUQQ).
0000190A	Unable to start log reader subtask.
0000190B	Could not log ECCR signon record.
0000190C	Failed to add ECCR control block (INQQ).
0000190D	Resume operation failed.
00002104	Invalid Resource Interest List command
00002105	Chain error processing IntLst command
00002111	No matching signed on reader
00002501	An unknown error occurred.
00002502	An unsupported data type was found.
00002503	A module found unsupported data definition language (DDL) code.
00002504	An object registration was not found.
00002505	A schema registration was not found.
00002506	There is no schema for the specified time.
00002507	A change request failed.
00002601	Could not log user data record
00002806	Column name with excessive length encountered.
00004701	Member Logger was already in quiesced status.
00004702	Member Logger was already in stopped status.
00004801	Member Logger was not in quiesced status.
00004802	Member Logger was already in stopped status.

## Reason Codes 00000813 to 00001515 - Encoded Commands

The Encoded Commands issue reason codes from 0000813 through 00001515.

The following table lists the Encoded Commands reason codes:

Reason Code	Explanation
00000813	Invalid XCF message (unrecognized encoded command).
00000805	Client Control Block not found (client not already or no longer signed on to Logger).
00001506	DATA IS NO LONGER AVAILABLE (no RBA range can be found).
00001507	DATA IS NOT PRESENT IN INVENTORY (requested RBA does not yet exist).
00001508	DATA NOT ACCESSED DUE TO ERROR (for example, required dataset cannot be allocated).
00001510	TRAN ID LOGGER NAME NOT THIS LOGGER.
00001514	Stop location is before start location.
00001515	No such start location found.

## Reason Codes 00000C00 to 00000C0E - Common Services

PowerExchange common services provide functions to many of the PowerExchange components.

The following table describes the reason codes for errors that are encountered during common services processing:

Reason Code	Explanation
00000C00	The module could not obtain storage.
00000C01	The lock manager could not create an anchor.
00000C02	There are no available lock manager entries.
00000C03	The lock manager received an invalid entry.
00000C0A	The module received an invalid trace ID.
00000C0B	An MVS ATTACH function failed.
00000C0C	The MVS service parameter list number was invalid.
00000C0D	The MVS STIMER SET function failed.
00000C0E	The MVS STIMER CANCEL function failed.



## Reason Codes 0033FF01 to 00FFFFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 0033FF01 through 00FFFFFF.

The following table lists the reason codes for the PowerExchange Logger:

Reason Code	Explanation
0033FF01	The chainer module could not obtain a work area.
0033FF02	An initialization error occurred. There was an invalid function code.
0033FF03	An unknown return code was found during an attempt to move a record.
0033FF04	The reader processor (EDMLLRD0) was unable to get a buffer.
0033FF05	The reader processor (EDMLLRD0) detected an invalid record prefix.
0033FF06	A refreshed buffer was not available for the reader processor (EDMLLRD0).
0033FF07	The reader processor (EDMLLRD0) failed to get a refreshed buffer.
0033FF08	The reader processor (EDMLLRD0) detected an invalid record prefix.
0033FF09	There were entries in the read queue when the reader processor (EDMLLRD0) was expecting an empty queue.
0033FF0A	There were no entries found in the available queue.
0033FF0B	The reader processor (EDMLLRD0) failed to disconnect from PowerExchange common services.
0033FF0C	The reader processor (EDMLLRD0) failed to connect to PowerExchange common services.
0033FF0D	Available Queue empty when available buffer needed.
0033FF20	Physical reader initialization failed.
0033FF21	Error in GETBUFF.
0033FF22	I/O error in physical read.
0033FF23	I/O error in physical reread.
0033FF24	Physical reader termination failed.
0033FF25	During an unallocate call, physical reader termination failed.
00D5FF01	Logger invoked in non-APF authorized state.
00D5FF02	Invalid function code supplied to EDMLPRD0.
00D5FF03	Dynamic allocation error for archive log dataset in EDMLPRD0.
00D5FF04	Open failed for archive log dataset in EDMLPRD0.
00D5FF05	RBA value has reached maximum permitted value (X'FFFFFFFFFFFF') in EDMLPRD0.

Reason Code	Explanation
00D5FF06	Unexpected RBA encountered in archive log in EDMLPRD0 (missing or duplicated block(s)).
00D5FF07	Close failed for archive log dataset in EDMLPRD0.
00D5FF08	Invalid LOGQ parameter supplied to EDMLPRD0 at initialization.
00D5FF09	EDMLPRD0 could not locate secondary archive log dataset.
00D5FF0A	No buffers available at initialization in EDMLPRD0.
00D5FF0B	No buffers available at start of read in EDMLPRD0.
00D5FF0C	Dynamic un-allocation error for archive log dataset in EDMLPRD0.
00D5FF0D	Invalid LOGQ parameter supplied to EDMLPRD0 at start of read.
00D5FF0E	Unexpected RBA encountered in archive log dataset at EOF in EDMLPRD0 (missing block(s)).
00D6FF01	The chainer module could not obtain a work area.
00D6FF02	Invalid function code supplied to EDMLPRD1.
00D6FF03	Dynamic allocation error for active log dataset in EDMLPRD1.
00D6FF04	Open failed for active log dataset in EDMLPRD1.
00D6FF07	Close failed for active log dataset in EDMLPRD1.
00D6FF08	Invalid LOGQ parameter supplied to EDMLPRD0 at initialization.
00D6FF09	EDMLPRD1 could not locate secondary active log dataset.
00D6FF0A	No buffers available at initialization in EDMLPRD0.
00D6FF0B	No buffers available at start of read in EDMLPRD0.
00D6FF0C	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00D6FF0D	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00D6FF0E	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00D6FF0F	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00D6FF10	Invalid LOGQ parameter supplied to EDMLPRD1 at start of read.
00D6FF11	Invalid LOGQ parameter supplied to EDMLPRD1 at start of reread.
00D6FF12	Error adding entry to GBLPH1QCB queue in EDMLPRD1.
00D6FF13	Primary active log stopped and dual active logs not available.
00D6FF14	Maximum retries (100) exceeded to successfully reread block from active log dataset in EDMLPRD1.

Reason Code	Explanation
00D7FF01	The chainer module could not obtain a work area.
00D7FF02	The chainer module could not release a work area.
00D7FF03	The MODCB macro failed to modify the RPL control block.
00D7FF04	The print ERDS command processor (EDMLPR50) failed to GET the master log control record.
00D7FF05	The print ERDS command processor (EDMLPR50) failed to GET the primary active log control record.
00D7FF06	The print ERDS command processor (EDMLPR50) failed to GET the secondary active log control record.
00D7FF07	The print ERDS command processor (EDMLPR50) failed to GET the primary archive log control record.
00D7FF08	The print ERDS command processor (EDMLPR50) failed to GET the secondary archive log control record.
00D7FF09	The print ERDS command processor (EDMLPR50) failed to GET the checkpoint control record.
00D7FF0A	The print ERDS command processor (EDMLPR50) entered an ESTAE routine.
00D8FF01	The chainer module could not obtain a work area.
00D8FF02	The chainer module could not release a work area.
00D9FF01	The chainer module could not obtain a work area.
00D9FF02	The chainer module could not release a work area.
00DAFF01	The chainer module could not obtain a work area.
00DAFF02	The chainer module could not release a work area.
00DAFF04	SYNAD entered a spooled sysout file in EDMLPR20.
00DBFF01	The chainer module could not obtain a work area.
00DBFF02	The chainer module could not release a work area.
00DBFF03	Error connecting to Common Services.
00DCFF01	The chainer module could not obtain a work area.
00DCFF02	The chainer module could not release a work area.
00DDFF01	The chainer module could not obtain a work area.
00DDFF02	The chainer module could not release a work area.
00DDFF03	Cannot determine which ECB posted.

Reason Code	Explanation
00DDFF04	The chainer module could not LOCK the queue control block (QCB).
00DDFF05	The chainer module could not UNLOCK the queue control block (QCB).
00DDFF06	Log reader disconnected from Logger before initialization was completed.
00DDFF07	The PowerExchange Logger found an invalid log RBA.
00DDFF08	An attempt to initialize a log reader failed.
00DDFF09	An attempt to open a circular queue failed.
00DDFF0A	A log reader READ command failed.
00DDFF0B	An attempt to PUT to a circular queue failed.
00DDFF0C	A circular queue end-of-file error occurred.
00DDFF0D	An attempt to close a circular queue failed.
00DDFF0E	An attempt to terminate a log reader failed.
00DDFF0F	An attempt by the logger to connect to the common services failed.
00DDFF10	An attempt to send a SENDPIPE command to the log read processor (LRP) failed.
00DDFF11	Circular queue PUT error for Request Data Transfer reply.
00DDFF12	No token found for XCF circular queue.
00DDFF13	Attempt to open XCF circular queue failed.
00DEFF01	The chainer module could not obtain a work area.
00DEFF02	The chainer module could not release a work area.
00DEFF03	An attempt to initialize a logical log reader failed.
00DEFF04	An attempt by the logical log reader to perform a READ failed.
00DEFF05	The PowerExchange Logger was unable to add a unit-of-work (UOW) entry to an internal UOW queue.
00DEFF06	An attempt to terminate the logical log reader failed.
00DEFF07	The PowerExchange Logger was unable to find a logrba in the selected logs.
00DEFF08	The PowerExchange Logger could not find a UOW for begin_PHASE1.
00DEFF09	The PowerExchange Logger could not find a UOW for begin_PHASE2.
00DEFF0A	The PowerExchange Logger could not find a UOW for end_PHASE1.
00DEFF0B	The PowerExchange Logger could not find a UOW for end_PHASE2.

Reason Code	Explanation
00DEFF13	Cannot locate record prefix while repositioning in log on restart (EDMLPLG1).
00DFFF01	The chainer module could not obtain a work area for the write to operator with reply (WTOR) parameter list.
00DFFF02	The chainer module could not release a work area for the write to operator with reply (WTOR) parameter list.
00DFFF03	The chainer module could not release a work area for the write to operator with reply (WTOR) message text.
00DFFF04	The chainer module could not release a work area for the write to operator with reply (WTOR) output data area.
00DFFF05	The chainer module could not release the OPQ control block.
00E0FF01	The chainer module could not obtain a work area.
00E0FF02	The chainer module could not release a work area.
00E1FF01	The chainer module could not release a work area.
00E2FF01	An incorrect post code was detected by the receiving module.
00E2FF02	An attempt to find an element address failed.
00E2FF03	The PowerExchange Logger cannot free a latch that is not held.
00E2FF04	A module is using a latch and it issued a request to use it again. A module cannot acquire a latch that it is currently using.
00E2FF05	The PowerExchange Logger latching processor could not find any latch queue control block (QCB) entries.
00E3FF01	A normal dump has been requested.
00E4FF01	The chainer module could not obtain a work area.
00E4FF02	The chainer module could not release a work area.
00E5FF01	The chainer module could not obtain a work area.
00E5FF02	Error performing buffer Force_write operation.
00E5FF03	Error performing Trunc_Log operation.
00E5FF04	The chainer module could not release a work area.
00E5FF05	Archive Log operation already in progress.
00E5FF06	Error performing Trunc_Buff operation.
00E5FF07	Error connecting to Common Services.

Reason Code	Explanation
00E6FF01	An attempt by the chainer module to add a record to a queue failed.
00E6FF02	The chainer module is unable to obtain an area for a DATA COPY.
00E7FF01	The chainer module could not obtain a work area.
00E7FF02	The chainer module could not release a work area.
00E7FF03	An attempt to delete an old logger EDMUPARM module failed.
00E7FF04	An attempt to open the EDMPARMS data set failed.
00E8FF03	The pattern match processor found arguments with a length less than zero (0).
00E8FF04	The pattern match processor found a pattern larger than 256 bytes.
00E9FF01	Latch obtain error in EDMLOF20.
00E9FF02	The active log archive processor could not find an active log present in the LOGQ log queue.
00E9FF03	Dynamic allocation for the archive COPY1 data set failed.
00E9FF04	An attempt to perform an OPEN on the archive COPY1 data set failed.
00E9FF05	Dynamic allocation for the archive COPY2 data set failed.
00E9FF06	An attempt to perform an OPEN on the archive COPY2 data set failed.
00E9FF07	The PowerExchange Logger latching processor could not obtain the LOGQ COPY1 log queue.
00E9FF08	The PowerExchange Logger latching processor could not obtain the LOGQ COPY2 log queue.
00E9FF09	EDMLOF20 could not find COMMSRV connect token.
00E9FF0A	The DIV ACCESS macro was unable to access the active logs.
00E9FF0B	Primary (and secondary if applicable) active log dataset(s) stopped
00E9FF0C	The DIV UNIDENTIFY macro was unable to unidentify the active log.
00E9FF0D	A CLOSE command failed on an archive COPY1 data set.
00E9FF0E	The RDJFCB macro failed on an archive COPY1 data set.
00E9FF0F	A CLOSE command failed on an archive COPY2 data set.
00E9FF10	EDMLOF20 could not find secondary active log in LOGQ.
00E9FF11	An UNALLOCATE command failed on an archive COPY1 data set.
00E9FF12	An UNALLOCATE command failed on an archive COPY2 data set.
00E9FF13	An UNALLOCATE command failed on active log.

Reason Code	Explanation
00E9FF14	An internal DEFINE_LOG COPY1 command failed.
00E9FF15	An internal DEFINE_LOG COPY2 command failed.
00E9FF16	The chainer module could not release a work area.
00E9FF17	The chainer module could not add a local area.
00E9FF18	The chainer module could not initialize the OPQ control block.
00E9FF19	The chainer module could not find an entry in the GBLBLKQ11 queue.
00E9FF20	The chainer module could not find an entry in the GBLBLKQ12 queue.
00E9FF21	The chainer module could not find an entry in the GBLBLKQ21 queue.
00E9FF22	The chainer module could not find an entry in the GBLBLKQ22 queue.
00E9FF23	The chainer module was unable to find an entry for LOG2 in the LOGQ queue.
00E9FF24	The active log archive processor is using the last active log.
00E9FF25	The log archive processor was unable to find a LOG2 data set name.
00E9FF26	SYNAD entered for archive log 1.
00E9FF27	SYNAD entered for archive log 2.
00E9FF30	Latch release error in EDMLOF20.
00E9FF34	Update ERDS process failed.
00EAFF01	The chainer module could not obtain a work area.
00EAFF02	The chainer module could not release a work area.
00EBFF01	The chainer module could not obtain a work area.
00EBFF02	The chainer module could not release a work area.
00EC0040	The module receives an unexpected return code from the DBCTL subsystem interface. Contact your Informatica Corporation technical support analyst for assistance.
00ECFF01	The chainer module could not obtain a work area.
00ECFF02	The GETMAIN macro failed.
00ECFF03	The FREEMAIN macro failed.
00EDFF01	The chainer module could not obtain a work area.
00EDFF02	The chainer module could not release a work area.
00EEFF01	The chainer module could not obtain a work area.

Reason Code	Explanation
00EEFF02	The chainer module could not release a work area.
00EFFF01	The chainer module could not obtain a work area.
00EFFF02	The chainer module could not release a work area.
00F0FF01	The chainer module could not obtain a work area.
00F0FF02	The chainer module could not release a work area.
00F1FF01	The chainer module could not obtain a work area.
00F1FF02	The chainer module could not release a work area.
00F1FF03	The chainer module could not initialize the GCO queue.
00F1FF04	The chainer module could not add an entry to the GCO queue.
00F1FF05	The chainer module could not add or replace an entry on the GCO queue.
00F1FF06	The chainer module could not initialize the IMO queue.
00F1FF07	The chainer module could not add an entry to the IMO queue.
00F1FF08	The chainer module could not add or replace an entry on the IMO queue.
00F1FF09	The chainer module could not delete the GCO queue.
00F1FF0A	The chainer module could not delete the IMO queue.
00F1FF0B	The chainer module could not find the GCO queue.
00F1FF0C	The EDMUPARM processor (EDMLDF20) could not load the modified options data set.
00F1FF0D	The chainer module could not terminate the ICO queue.
00F1FF0E	The chainer module could not terminate the GCO queue.
00F1FF0F	The EDMUPARM processor (EDMLDF20) encountered an error when it attempted to delete one or more options.
00F1FF10	The EDMUPARM processor (EDMLDF20) was unable to find the DEFAULT SERVER OPTIONS module.
00F1FF11	The EDMUPARM processor (EDMLDF20) could not open the options data set.
00F2FF01	The chainer module could not obtain a work area.
00F2FF04	The chainer module could not return a work area.
00F2FF05	The define-logger processor (EDMLDF10) could not find the options data set.
00F3FF01	The PowerExchange Logger found an incorrect version of the EDMLC020 control module.



Reason Code	Explanation
00F3FF02	The PowerExchange Logger found an incorrect version of the EDMLC030 control module.
00F3FF03	The chainer module could not initialize the CSA tracking queue.
00F3FF04	The chainer module was unable to initialize an area for the GLOBAL control block.
00F3FF05	The chainer module was unable to create an area for the GLOBAL control block.
00F3FF06	The chainer module was unable to initialize a task control, TC, queue.
00F3FF07	The chainer module was unable to initialize a LOC=31 storage unit.
00F3FF08	The chainer module was unable to initialize a LOC=24 storage unit.
00F3FF09	The chainer module was unable to initialize the INPUT queue.
00F3FF0A	The initialization processor could not find the address of the chainer module while building a write to operator with reply (WTOR) command.
00F3FF0B	The chainer module could not add a local control block for a write to operator with reply (WTOR) command.
00F3FF0C	The initialization processor could not find the address of the chainer module while building the PowerExchange physical logger.
00F3FF0D	The chainer module could not add a local control block for the PowerExchange physical logger.
00F3FF0E	The BLDL FIND macro was unable to locate the EDMLC030 module.
00F3FF0F	An OPEN command failed for STEPLIB.
00F3FF10	Subsystem initialization failed.
00F3FF11	An attempt to LOAD the options module EDMUPARM failed.
00F3FF12	The message display routine FREEMAIN command failed.
00F3FF13	An EDMPARMS DD statement is missing.
00F3FF14	An EDMZPARM module was not found.
00F3FF15	The options module DD concatenation has an error.
00F3FF16	An attempt to LOAD the options module EDMUPARM failed.
00F3FF17	An error occurred while initializing the queue for 241 XCA GETMAINS.
00F3FF18	Too many EDMLC030 modules exist in extended CSA (ECSA).
00F3FF19	An attempt by the chainer module to create a latch queue control block (QCB) failed.
00F3FF1A	The chainer was unable to create a latch area.
00F3FF1B	The chainer module had an error while creating LOGQ COPY1 block queue.

Reason Code	Explanation
00F3FF1C	The chainer module had an error while creating BLKQ COPY1 block queue.
00F3FF1D	The chainer module had an error while creating LOGQ COPY2 block queue.
00F3FF1E	The chainer module had an error while creating the BLKQ COPY2 block queue.
00F3FF1F	The chainer module had an error while creating LOGQ COPY1 block queue.
00F3FF20	The chainer module had an error while creating BLKQ COPY1 block queue.
00F3FF21	The chainer module had an error while creating LOGQ COPY2.
00F3FF22	The chainer module had an error while creating BLKQ COPY2.
00F3FF23	The chainer module had an error while adding a LOGF entry to the LATCH queue.
00F3FF24	The chainer module had an error while adding a CHKP entry to the LATCH queue.
00F3FF25	The chainer module had an error while initializing the unit-of-work (UOW) QCB queue control block.
00F3FF26	The chainer module was unable to initialize the CHK checkpoint queue control block (QCB).
00F3FF27	The chainer module was unable to initialize the ECCR INQ input queue control block (QCB).
00F3FF28	The chainer module was unable to initialize the LRP OUQ output queue control block (QCB).
00F3FF29	The PowerExchange Logger initialization processor (EDMLC015) was unable to create a latch circular queue.
00F3FF2A	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a phase 1 queue control block (QCB).
00F3FF2B	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a phase 2 queue control block (QCB).
00F3FF2C	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a termination queue control block (QCB).
00F3FF2D	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a packet queue control block (QCB).
00F3FF2E	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a global queue control block (QCB).
00F3FF2F	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a command queue control block (QCB).
00F3FF30	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize an XCF queue control block (QCB).
00F3FF31	The PowerExchange Logger initialization processor (EDMLC015) was unable to initialize a trace queue control block (QCB).

Reason Code	Explanation
00F3FF32	The PowerExchange Logger initialization processor (EDMLC015) encountered an incompatible EDMUPARM level.
00F4FF01	An attempt to load the initialization processor failed.
00F4FF02	The chainer module was unable to create the TC task control module.
00F4FF03	The ATTACH command passed a nonzero return code.
00F4FF04	The chainer module could not delete the LOC=31 storage unit.
00F4FF05	The chainer module was unable to obtain a work area for the ECB list.
00F4FF06	The chainer module could not delete the task control.
00F4FF07	The PowerExchange Logger initial checkpoint failed.
00F4FF08	The PowerExchange Logger final checkpoint failed.
00F4FF09	An attempt to initialize the common services environment failed.
00F4FF0A	An attempt to connect to common services failed.
00F4FF0B	The main subtask processor (EDMLC010) could not create the circular queue. A POST error occurred.
00F4FF0C	The main subtask processor (EDMLC010) could not connect to the PowerExchange subsystem.
00F4FF0C	The main subtask processor (EDMLC010) could not post a write packet trailer.
00F5FF01	The chainer module could not obtain a work area.
00F5FF02	The EDMLPAR0 reason code is too large.
00F5FF03	A previous chainer error occurred. A required work area does not exist.
00F5FF05	The chainer module could not terminate the command queue.
00F5FF06	The PARSER Error processor received an invalid return code from the PARSER analyzer.
00F6FF01	The chainer module could not obtain a work area.
00F6FF02	The chainer module could not release a work area.
00F6FF03	The chainer module could not obtain an area for a VSAM DELETE statement.
00F6FF04	The chainer module could not obtain an area for a VSAM DEFINE statement.
00F6FF05	The chainer module could not obtain an area for a VSAM JOURNAL HEADER statement.
00F6FF08	An attempt to delete a statement area failed.
00F6FF09	The data set name is missing from an input parameter.

Reason Code	Explanation
00F6FF0D	R0 contains an invalid entry code. It contains an entry other than DELETE, DEFINE, or JOURNAL HEADER.
00F6FF0E	Either the ALCACB. or ALCRPL. area is corrupt.
00F6FF0F	The ALCALCAD area is corrupt.
00F7FF01	The chainer module could not obtain a work area.
00F7FF02	An attempt to initialize the common services environment failed.
00F7FF03	An attempt to connect to common services failed.
00F7FF04	An attempt to initialize the XCF interface failed.
00F7FF05	An attempt to open the XCF interface failed.
00F7FF06	An attempt to create the XCF interface failed.
00F7FF07	\$XCF GET failed for message.
00F7FF08	\$XCF GET failed for group event (Logger group).
00F7FF09	\$XCF GET failed for group event (Post-Log Merge group).
00F7FF17	Failed adding log reader control block (OUQQ).
00F7FF18	Unable to start log reader subtask.
00F7FF19	ECCR is already connected to Logger.
00F7FF1A	Unable to add PKT queue entry.
00F7FF1B	Failed to add ECCR control block (INQQ).
00F7FF1C	Invalid signon type (neither read nor write).
00F7FF1D	Attempt to perform resume operation failed.
00F7FF1E	Unable to locate log reader (OUQQ) control block.
00F7FF1F	Could not write to global circular queue.
00F7FF20	Logger name in restart request does not match logger ID.
00F7FF21	End location in transfer request before start location.
00F7FF22	Terminate request did not complete successfully.
00F7FF23	Delete of log reader (OUQQ) control block fail.
00F8FF01	The chainer module could not obtain a work area.
00F8FF02	The chainer module is unable to delete the old ECB list.

Reason Code	Explanation
00F8FF03	The chainer module is unable to obtain a new ECB list.
00F8FF04	The checkpoint processor received an unexpected termination of the QSAM I/O subtask.
00F8FF05	The checkpoint processor received an unexpected termination of the TIMER subtask.
00F8FF06	The checkpoint processor received an unexpected termination of the JOURNAL subtask.
00F8FF07	The checkpoint processor received an unexpected termination of the PROCESS subtask.
00F8FF08	The checkpoint processor received an unexpected termination of the RESTART subtask.
00F8FF09	The checkpoint processor received an unexpected termination of the LOGICAL subtask.
00F8FF0A	The checkpoint processor received an unexpected termination of the PHYSICAL subtask.
00F8FF0B	The checkpoint processor received an unexpected termination of the Checkpoint subtask.
00F8FF0C	The checkpoint processor received an unexpected termination of the XCF subtask.
00F8FF0D	The checkpoint processor received an unexpected termination of the VTAM I/O subtask.
00F8FF0E	The checkpoint processor received an unexpected request for a checkpoint.
00F8FF0F	The checkpoint processor received an unexpected request for a shutdown.
00F8FF10	The checkpoint processor received an unexpected operator reply.
00F8FF11	The checkpoint processor received an unexpected reload of EDMZPARM.
00F8FF12	The checkpoint processor received an unexpected termination of an MVS command.
00F8FF13	The chainer module was unable to delete a work area.
00F8FF14	The PowerExchange Logger found an invalid code. A WRITE to a restart data set (ERDS) failed.
00F9F701	The routine that determines the number of blocks available in the active LOG2 was unable to obtain a LOGQ latch.
00F9F702	The routine that determines the number of blocks available in active LOG2 was unable to release the LOGQ latch.
00F9F801	The routine that determines the number of blocks available in active LOG2 was unable to obtain the LOGQ latch.
00F9F802	The routine that determines the number of blocks available in active LOG2 was unable to release the LOGQ latch.
00F9F803	The chainer module could not obtain a read buffer.
00F9F804	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00F9F805	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.

Reason Code	Explanation
00F9F806	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00F9F807	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00F9F808	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9F809	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9F80A	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9F80B	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9F901	The routine that determines the number of blocks available in active LOG1 was unable to obtain the LOGQ latch.
00F9F902	The routine that determines the number of blocks available in active LOG1 was unable to release the LOGQ latch.
00F9F903	The chainer module could not obtain a read buffer.
00F9F904	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00F9F905	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.
00F9F906	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00F9F907	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00F9F908	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9F909	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9F90A	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9F90B	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FA01	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9FA02	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9FA03	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FA04	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FA05	A save error occurred in the physical logger processor (EDMLPLG0). The other log was already stopped.
00F9FA06	A save error occurred in the physical logger processor (EDMLPLG0). There is no secondary log.
00F9FA07	The secondary active log subtask (EDMLPLG2) has abended.
00F9FB01	The routine to terminate processing of active log could not obtain the LOGQ latch.
00F9FB02	The routine to terminate processing of active log could not release the LOGQ latch.

Reason Code	Explanation
00F9FB03	The DIV UNACCESS macro could not stop accessing the LOG1 data set.
00F9FB04	The DIV UNIDENTIFY macro could not unidentify the LOG1 data set.
00F9FB05	The ALESERV DELETE macro could not delete the LOG1 data set.
00F9FB06	The DSPSERV DELETE macro could not delete the LOG1 data set.
00F9FB07	The DIV SAVE macro could not save the LOG2 data set.
00F9FB08	The DIV UNMAP macro could not unmap the LOG2 data set.
00F9FB09	The DIV UNACCESS macro could not stop accessing the LOG2 data set.
00F9FB0A	The DIV UNIDENTIFY macro could not unidentify the LOG2 data set.
00F9FB0B	The ALESERV DELETE macro could not delete the LOG2 data set.
00F9FB0C	The DSPSERV DELETE macro could not delete the LOG2 data set.
00F9FB0D	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9FB0E	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9FB0F	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FB10	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FC01	The routine to initialize processing of active log could not obtain the LOGQ latch.
00F9FC02	The routine to initialize processing of the active log could not release the LOGQ latch.
00F9FC03	Dynamic allocation for the active LOG1 data set failed.
00F9FC04	The routine to initialize processing of the active log could not release the LOGQ latch.
00F9FC05	Dynamic allocation for the active LOG2 data set failed.
00F9FC06	The routine to initialize processing of the active log could not release the LOGQ latch.
00F9FC07	The DSPSERV CREATE macro could not create a hyperspace for HSP LOG1 data set.
00F9FC08	The ALESERV OBTAIN macro could not obtain the access-list entry token (ALET) LOG1 data set.
00F9FC09	The DSPSERV CREATE macro could not create a hyperspace for HSP LOG2 data set.
00F9FC0A	The ALESERV OBTAIN macro could not obtain the access-list entry token (ALET) LOG2 data set.
00F9FC0B	The DIV IDENTIFY macro could not identify the LOG1 data set.
00F9FC0C	The DIV ACCESS macro could not access the LOG1 data set.
00F9FC0D	The DIV MAP macro could not map the LOG1 data set.

Reason Code	Explanation
00F9FC0E	The DIV IDENTIFY macro could not identify the LOG2 data set.
00F9FC0F	The DIV ACCESS macro could not access the LOG2 data set.
00F9FC10	The DIV MAP macro could not map the LOG1 data set.
00F9FC11	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9FC12	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9FC13	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FC14	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FC15	The physical logger found that both the primary and secondary active logs are in a stopped state.
00F9FD01	The routine to obtain new active log could not obtain the LOGQ latch.
00F9FD02	The routine to obtain new active log could not release the LOGQ latch.
00F9FE01	The chainer module could not obtain a command buffer.
00F9FF01	The chainer module could not obtain a work area.
00F9FF02	The GETSTOC routine was unable to determine the number of available blocks for logging to the LOG1 data set.
00F9FF03	The GETSTOC routine was unable to determine the number of available blocks for logging to the LOG2 data set.
00F9FF04	A GETNEWL error occurred while attempting to get a new log during initialization.
00F9FF05	The PowerExchange physical logger was unable to determine if a new active LOG2 exists.
00F9FF06	The PowerExchange physical logger was unable to determine if a new active LOG1 exists.
00F9FF07	The INIACTL routine could not initialize a new log.
00F9FF08	The chainer module was unable to find an entry in the GBLBLKQ11 queue.
00F9FF09	The chainer module was unable to find an entry in the GBLBLKQ12 queue.
00F9FF0A	The chainer module was unable to find an entry in the GBLBLKQ21 queue.
00F9FF0B	The chainer module was unable to find an entry in the GBLBLKQ22 queue.
00F9FF0C	The chainer module was unable to add a LOCAL control block.
00F9FF0D	The chainer module could not initialize the OPQ queue.
00F9FF0E	An attempt to obtain a LOGQ latch failed.
00F9FF0F	An attempt to release the LOGQ latch failed.



Reason Code	Explanation
00F9FF10	No space is available in the active log.
00F9FF11	The physical logger processor (EDMLPLG0) was unable to build a UOW queue.
00F9FF12	The physical logger processor (EDMLPLG0) could not obtain the LOGS log queue.
00F9FF13	The physical logger processor (EDMLPLG0) entered an ESTAE routine.
00F9FF14	The physical logger processor (EDMLPLG0) encountered an invalid log RBA.
00F9FF15	The physical logger processor (EDMLPLG0) could not obtain a log queue latch.
00F9FF16	The physical logger processor (EDMLPLG0) could not release a log queue latch.
00F9FF17	The physical logger processor (EDMLPLG0) was unable to connect to PowerExchange common services.
00F9FF18	A write error occurred. There is no secondary log.
00F9FF19	A write error occurred. The other log was already stopped.
00F9FF1A	Failure in attaching active log 2 subtask (EDMLPLG2).
00F9FF1B	No available active log dataset.
00F9FF1C	Number of secondary active log datasets does not match number of primary active log datasets.
00F9FF1D	Archive log operation failed at initialization.
00F9FF1E	Attempt to log data while logger is quiesced
00FAFF01	The chainer module could not obtain a work area.
00FAFF02	The chainer module was unable to obtain a buffer prefix.
00FAFF03	The chainer module was unable to obtain a buffer.
00FAFF04	A GETBUFF macro error occurred. It was unable to get a buffer.
00FAFF05	A MOVEREC macro error occurred, and it returned an unknown return code.
00FAFF06	The chainer module is unable to add a unit of work (UOW).
00FAFF07	The chainer module is unable to delete a unit of work (UOW).
00FAFF08	A WRITE to a restart data set (ERDS) failed.
00FAFF09	The MOVEREC macro could not write to a log begin_checkpoint record.
00FAFF0A	The MOVEREC macro could not write to a log UOW_summary record.
00FAFF0B	The MOVEREC macro could not write to a log end_checkpoint record.
00FAFF0C	The chainer module was unable to add an entry to the CHK queue.

Reason Code	Explanation
00FAFF0D	The logical logger processor was unable to obtain a LOGQ latch.
00FAFF0E	An attempt to connect to common services failed.
00FAFF0F	The chainer module was unable to delete an entry from the CHK queue.
00FAFF10	The \$DLICQPL macro could not open a circular queue.
00FAFF11	The PowerExchange logical logger processor (EDMLLLG0) was unable to obtain a LOGS latch.
00FAFF12	The PowerExchange logical logger processor (EDMLLLG0) was unable to read the global queue.
00FAFF13	The PowerExchange logical logger processor (EDMLLLG0) received a STIMERM SET error.
00FAFF14	The MOVEREC macro received a packet trailer error in the PowerExchange logical logger processor (EDMLLLG0) module.
00FAFF15	The PowerExchange logical logger processor (EDMLLLG0) module entered an ESTAE routine.
00FAFF16	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a checkpoint (CHKPT).
00FAFF17	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a checkpoint (CHKPT).
00FAFF18	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a HARDN command.
00FAFF19	The PowerExchange logical logger processor (EDMLLLG0) received a physical logger error while attempting a HARDN command.
00FAFF1A	The PowerExchange logical logger processor (EDMLLLG0) exceeded the maximum LOGRBA.
00FAFF1B	The PowerExchange logical logger processor (EDMLLLG0) was unable to obtain a LOGQ latch.
00FAFF1C	The PowerExchange logical logger processor (EDMLLLG0) received a STIMERM CANCEL error.
00FAFF1D	The PowerExchange logical logger processor (EDMLLLG0) could not open the XCF message queue.
00FAFF1E	The PowerExchange logical logger processor (EDMLLLG0) encountered an error in COMMUOW and could not complete a PUT command on the XCF message queue.
00FBFF01	The chainer module could not obtain a work area.
00FBFF02	The chainer module could not initialize the TC task control queue.
00FBFF03	The chainer module could not add an entry to the TCQ queue.
00FBFF04	The chainer module could not terminate the CMD queue.
00FBFF05	An error occurred while loading the dictionary.
00FBFF06	The chainer module could not delete the ECBLIST area.

Reason Code	Explanation
00FBFF07	The chainer module could not obtain the ECBLIST area.
00FBFF08	The chainer module could not terminate the TCQ queue.
00FBFF0A	The chainer module could not terminated the STR queue.
00FBFF0B	The chainer module could not delete a work area.
00FBFF0C	The chainer module could not terminate the GBLLIFPQ queue.
00FBFF0D	The chainer module was unable to free an externalized CMD (EDMD) area.
00FBFF0E	The chainer module could not delete the IPQ queue.
00FBFF0F	The chainer module was unable to delete an entry from the LIFCMSQ queue.
00FBFF10	The chainer module could not add an entry to the TCQ queue.
00FBFF11	An ATTACH command returned a nonzero return code.
00FBFF13	The chainer module was unable to flush entries from the input CMD queue.
00FBFF14	The chainer module could not delete an entry from the TCQ queue.
00FCFF01	The chainer module could not obtain a work area.
00FCFF02	The chainer module could not delete a work area.
00FCFF03	The chainer module could not delete the JNL queue.
00FCFF04	The chainer module could not delete data.
00FCFF05	The chainer module could not obtain a JNL record area.
00FCFF06	The chainer module could not release a JNL record area.
00FCFF07	An attempt to CLOSE or UNALLOCATE a JOURNAL data set failed.
00FCFF09	The journal processor (EDMLJNL0) encountered a SHOWCB error after a PUT function.
00FCFF0A	The journal processor (EDMLJNL0) encountered a SHOWCB error after a PUT function.
00FCFF0B	The journal processor (EDMLJNL0) encountered a SHOWCB error after a PUT function.
00FCFF0C	An attempt to obtain an area to build a JOURNAL HEADER statement failed.
00FDFF01	An attempt to flush inactive LOCAL control blocks failed.
00FDFF02	An attempt by the chainer module to delete a local area failed.
00FDFF03	An attempt by the chainer module to obtain a work area failed.
00FDFF04	An attempt by the chainer module to release a work area failed.

Reason Code	Explanation
00FDFF05	The chainer module was unable to free unused areas from the GBLP24Q queue.
00FDFF06	The chainer module was unable to free unused areas from the GBLP31Q queue.
00FDFF07	The chainer module was unable to free unused areas from the GBLGBLQ queue.
00FDFF08	Cannot determine which ECB posted.
00FDFF09	Error sending to global circular queue.
00FEFF01	The chainer module could not obtain a work area.
00FEFF02	The PowerExchange Logger was unable to open SYSIN.
00FEFF03	The chainer module was unable to add a local area control block.
00FEFF04	The PowerExchange Logger was unable to open SYSPRINT.
00FEFF05	The chainer module was unable to obtain an area to build an input record.
00FEFF07	The chainer module was unable to delete an output data area.
00FEFF08	The chainer module was unable to delete an I/O queue.
00FEFF09	The chainer module was unable to delete a local area.
00FEFF0A	The chainer module was unable to delete a work area.
00FEFF0B	The chainer module was unable to initialize an output queue.
00FEFF0C	The third parameter, which shows the number of lines on a printed page, is invalid.
00FFCF01	The chainer module could not obtain a work area.
00FFCF02	The chainer module could not obtain a buffer area.
00FFCF03	The MODCB macro failed to modify the RPL control block.
00FFCF04	An attempt by this module to GET the master log control record failed.
00FFCF05	An attempt by the chainer module to FIND the master log control record failed.
00FFCF06	An attempt by this module to GET the primary active log control record failed.
00FFCF07	An attempt by the chainer module to FIND the primary active log control record failed.
00FFCF08	An attempt by this module to GET the secondary active log control record failed.
00FFCF09	An attempt by the chainer module to FIND the primary archive log control record failed.
00FFCF0A	An attempt by this module to GET the next archive log failed.
00FFCF0B	An attempt by the chainer module to FIND the secondary archive log control record failed.

Reason Code	Explanation
00FFCF0C	The MODCB macro failed to modify the RPL control block.
00FFCF0D	An attempt by this module to GET the checkpoint control record failed.
00FFCF0E	An attempt by this module to PUT the checkpoint control record failed.
00FFDF01	The chainer module could not obtain a work area.
00FFDF02	The chainer module could not obtain a buffer area.
00FFDF03	The MODCB macro failed to modify the RPL control block.
00FFDF04	An attempt by this module to GET the master log control record failed.
00FFDF05	An attempt by the chainer module to FIND the master log control record failed.
00FFDF06	An attempt by this module to GET the primary active log control record failed.
00FFDF07	An attempt by the chainer module to FIND the primary active log control record failed.
00FFDF08	An attempt by this module to GET the secondary active log control record failed.
00FFDF09	An attempt by the chainer module to FIND the primary archive log control record.
00FFDF0A	An attempt by this module to GET the next archive log failed.
00FFDF0B	An attempt by the chainer module to FIND the secondary archive log control record failed.
00FFDF0C	The MODCB macro failed to modify the RPL control block.
00FFDF0D	An attempt by this module to GET the checkpoint control record failed.
00FFDF0E	An attempt by this module to PUT the checkpoint control record failed.
00FFE01	An attempt to obtain a buffer for the master log failed.
00FFE02	An attempt to perform an OPEN of the ERDS01 restart data set failed.
00FFE03	An attempt to perform an OPEN of the ERDS02 restart data set failed.
00FFF001	An attempt to obtain a read buffer failed.
00FFF002	An attempt to add a checkpoint to the internal checkpoint queue failed.
00FFF101	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF102	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF103	The chainer module was unable to obtain a read buffer.
00FFF104	The chainer module was unable to add an entry to the BLKQ COPY2 queue.
00FFF105	The chainer module was unable to add an entry to the active LOGQ COPY2 queue.

Reason Code	Explanation
00FFF106	The chainer module was unable to add an entry to the archive BLKQ COPY2 queue.
00FFF107	The chainer module was unable to add an entry to the archive LOGQ COPY2 queue.
00FFF201	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF202	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF203	The chainer module was unable to obtain a read buffer.
00FFF204	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00FFF205	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.
00FFF206	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00FFF207	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00FFF301	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF302	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF303	The chainer module was unable to obtain a read buffer.
00FFF304	The chainer module was unable to add an entry to the BLKQ COPY2 queue.
00FFF305	The chainer module was unable to add an entry to the active LOGQ COPY2 queue.
00FFF306	The chainer module was unable to add an entry to the archive BLKQ COPY2 queue.
00FFF307	The chainer module was unable to add an entry to the archive LOGQ COPY2 queue.
00FFF401	The chainer module was unable to initialize the LOGQ COPY1 queue.
00FFF402	The chainer module was unable to initialize the BLKQ COPY1 queue.
00FFF403	The chainer module was unable to obtain a read buffer.
00FFF404	The chainer module was unable to add an entry to the BLKQ COPY1 queue.
00FFF405	The chainer module was unable to add an entry to the active LOGQ COPY1 queue.
00FFF406	The chainer module was unable to add an entry to the archive BLKQ COPY1 queue.
00FFF407	The chainer module was unable to add an entry to the archive LOGQ COPY1 queue.
00FFF501	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.
00FFF502	The chainer was unable to add a log to the internal log queue, LOGQ2.
00FFF601	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.

Reason Code	Explanation
00FFF602	The chainer was unable to add a log to the internal log queue, LOGQ1.
00FFF701	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.
00FFF702	The chainer was unable to add a log to the internal log queue, LOGQ2.
00FFF801	When the logger attempted to add an active log to the ERDS01 restart data set, it found an active log already present.
00FFF802	The chainer was unable to add a log to the internal log queue, LOGQ1.
00FFFB01	The chainer module could not find an archive log to delete.
00FFFB02	The chainer module was unable to perform a DELETE on the archive log queue, LOGQ2
00FFFC01	The chainer module could not find an archive log to delete.
00FFFC02	The chainer module was unable to perform a DELETE on the archive log queue LOGQ1.
00FFFD01	The chainer module could not find an active log to delete.
00FFFE01	The chainer module could not find an active log to delete.
00FFFF01	The chainer module could not obtain a work area.
00FFFF02	The chainer module could not obtain an ERDS01 restart data set buffer.
00FFFF03	The chainer module could not obtain a ERDS02 restart data set buffer.
00FFFF04	The PowerExchange Logger is unable to build the LOGQ11 log queue.
00FFFF05	The PowerExchange Logger is unable to build the LOGQ12 log queue.
00FFFF06	The PowerExchange Logger is unable to build the LOGQ21 log queue.
00FFFF07	The PowerExchange Logger is unable to build the LOGQ22 log queue.
00FFFF08	The PowerExchange Logger is unable to determine which log is the current active log.
00FFFF09	The ERDS01 restart data set DD statement is missing.
00FFFF0A	The PowerExchange Logger found an invalid restart data set (ERDS).
00FFFF0B	An attempt by the GENCB module to obtain the ACB for ERDS01 restart data set failed.
00FFFF0C	An attempt to OPEN the ERDS01 restart data set failed.
00FFFF0D	An attempt by GENCB to obtain the ACB for ERDS02 restart data set failed.
00FFFF0E	An attempt to OPEN the ERDS02 restart data set failed.
00FFFF0F	The online and ERDS01 restart data set is empty.

Reason Code	Explanation
00FFFF10	An attempt by the GENCB macro to generate the RPL control block for the ERDS01 restart data set failed.
00FFFF11	An attempt by the GENCB macro to generate the RPL control block for the ERDS02 restart data set failed.
00FFFF12	An attempt to format the ERDS01 restart data set failed.
00FFFF13	An attempt to format the ERDS02 restart data set failed.
00FFFF14	An attempt to read the ERDS01 restart data set master log record failed.
00FFFF15	An attempt to read the ERDS02 restart data set master log record failed.
00FFFF16	An attempt by the MODCB macro to modify the ERDS01 restart data set RPL control block failed.
00FFFF17	An attempt by the MODCB macro to modify the ERDS02 restart data set RPL control block failed.
00FFFF18	The logger was unable to obtain the LOGQ latch.
00FFFF19	The logger was unable to build the checkpoint queue, CHKPT.

## Reason Codes 01440600 to 060906FF - PowerExchange Utilities

The PowerExchange utilities issues reason codes from 01440600 through 060906FF.

The following table lists the reason codes issued by the PowerExchange utilities:

Reason Code	Explanation
01440600	The DCB failed to open properly.
01440601	The PowerExchange Logger interface utility (EDMXLUTL) could not generate a required DCB.
01440602	The PowerExchange Logger interface utility (EDMXLUTL) could not open a data set.
01440603	The PowerExchange Logger interface utility (EDMXLUTL) could not close a data set.
01440604	The PowerExchange Logger interface utility (EDMXLUTL) could not free a data set.
01440609	A control card error was detected.
01450605	The event command processor was (EDMXLEVT) unable to obtain working storage.
01450606	The event command processor (EDMXLEVT) was unable to load the log utility process module.
01450607	A bad PowerExchange standard record was detected.
01450608	A bad PowerExchange canonical record was detected.
01450618	A PUT function for the output queue failed.



Reason Code	Explanation
0145061B	The conversion buffer is too small.
01450624	A LOAD function failed for the event command processor (EDMXLEVT).
01450625	The build command service did not return an PowerExchange record.
01450626	The event command processor (EDMXLEVT) could not find any active EDMNAMES for data capture.
01450627	Excessive number of descriptions (more than 5) to be added to event marker (from EDMXLEVT)
0145062E	The event command processor (EDMXLEVT) could not initialize the log utility because a previous failure occurred.
01450651	A RETURN EDMNAME call failed.
01450652	A DB2 request for a list of table names failed.
01460605	The build command utility (EDMXIBCM) was unable to obtain working storage.
01460619	A bad encoded command was passed to the build command utility (EDMXIBCM).
0146061A	No conversion buffer was passed to the build command utility (EDMXIBCM).
0146061B	The conversion buffer is too small.
0146061C	The conversion buffer length is zero.
0146061D	The conversion buffer has a bad header record.
0146061E	No worklist buffer was passed to the build command utility (EDMXIBCM).
0146061F	The worklist buffer is too small.
01460620	The worklist buffer length is zero.
01460621	The worklist buffer has a bad header record.
01460622	A BUILD function failed for a pipe cleaner.
01460623	A BUILD function failed for process termination.
01460625	The build command utility (EDMXIBCM) did not return an PowerExchange record.
01460626	A BUILD function fail for a registration list.
01460627	The data set name is missing for a registration list request.
01460629	The build command utility could not locate a database descriptor.
0146062C	A bad return code was received from a registration list request.
0146062D	The request type entered is not supported by the command module.

Reason Code	Explanation
0146062F	The requested object category is invalid.
06030646	A TESTCB function failed for the ACB.

## Reason Codes 01800101 to 01FFFFFF - Change Interface Component

The Change Interface Component (CIC) issues reason codes from 01800101 through 01FFFFFF.

The following table lists the reason codes the Change Interface Component (CIC) issues:

Reason Code	Explanation
01800101	An invalid data type was found during an OPEN call.
01800102	The GET and PUT functions require an open token.
01800103	An invalid IPC header was found.
01800104	A prior error requires CIC to stop. For more information, see the previous error.
01800105	No create token was provided.
01800106	A global queue error occurred.
01800107	The PowerExchange Agent is not active
01800108	The mailman task ended prematurely.
01800109	An error occurred in the mailman.
0180010A	The 'mailman ended' flag is on.
0180010C	The BUILD CDE function failed.
0180010D	The DELETE CDE function failed.
01810101	CIC is being forced to terminate.
01810102	A global queue error occurred.
01810103	An error occurred during resync processing.
01810104	A cross-memory post failed.
01810105	The PowerExchange Logger quit during the termination process.
01810106	The PowerExchange Logger is inactive, and the global directory (EDMSDIR) requested an abend. This code is returned during initialization in an offline environment.
01810107	The caller requested that CIC post all units of work.

Reason Code	Explanation
01810108	The PowerExchange Logger has ended.
01810109	The PowerExchange Logger is inactive, and the global directory (EDMSDIR) requested an abend. This code is returned during sync point processing in online IMS and CICS environments.
0181010A	The PowerExchange Logger terminated before the ECCR could connect to the logger.
0181010B	An XCF JOIN function failed.
0181010C	An XCF LEAVE function failed.
0181010D	An XCF PUT function failed.
0181010E	An XCF GET function failed.
0181010F	An XCF FREE BUFFER failed.
01810110	An error occurred when CIC attempted to open a logger queue.
01810111	The logger terminated during CIC initialization.
01820101	The module was unable to get into a supervisory state.
01820102	A name/token CREATE failed.
01820103	A name/token RETRIEVE failed.
01820104	A name/token DELETE failed.
01820105	The BUILD CDE function failed.
01820106	The DELETE CDE function failed.
01820107	An error occurred when connecting to common services.
01820108	A disconnect error from common services occurred.
01820109	CIC is loading the program to CSA.
0182010A	Initialization for the module EDMCICLG failed.
0182010B	The PUT function for the module EDMCICLG failed.
0182010C	Termination for the module EDMCICLG failed.
0182010D	A cross-memory post failed.
01830101	An error was returned from the mailman.
01830102	A name/token RETRIEVE failed.
01830103	An invalid length was passed.
01830104	The object's profile was not found.

Reason Code	Explanation
01830105	The mailman has ended.
01830106	The PowerExchange Agent was unavailable during initialization.
01830107	The PowerExchange Agent was unavailable during a registration call.
01840101	An error occurred when connecting to common services.
01840102	The SET STIMER function failed.
01840103	The STIMER CANCEL function failed.
01840104	An error occurred opening the mailman's queue.
01840105	An error occurred closing the mailman's queue.
01850101	An error was returned from the mailman.
01850102	An error was returned from the mailman.
01850103	The mailman abended.
01850104	The mailman abended.
01850105	The monitor subtask failed.
01850106	The PowerExchange Agent is not active.
01850107	An error occurred during a name/token RETRIEVE.
01850108	Initialization for PowerExchange common services failed.
01900101	Initialization for the module EDMCICIN failed.
01900102	Termination for the module EDMCICIN failed.
01900103	The mailman returned an error.
01900104	A previous error occurred. For more information, see the previous error.
01900105	The sync point 'begin phase 1' function failed.
01900106	The sync point 'end phase 2' function failed.
01900107	The logger stopped withabend U4094. The global directory (EDMSDIR) requested the abend.
01900108	The PowerExchange Agent was not active during initialization.
01900109	The PowerExchange Agent was not active during an OPEN call.
01910101	An invalid function was received from the DB2 ECCR.
01910102	No registration list was found for the table name.

Reason Code	Explanation
01910103	The registration routine returned an error.
01910104	The module could not find a UOW entry, FREEUOW.
01910105	The module could not find UOW entry, RECORD
01910106	Sync point phase 1 failed.
01910107	Sync point phase 2 failed.
01910108	Initialization for the module EDMCICIN failed.
01910109	Termination for the module EDMCICIN failed.
0191010A	The PowerExchange Agent is not active.
0191010B	The PowerExchange Logger is not available.
0191010C	Error in resync processing (receiving outstanding UOWs from Logger)
0191010D	Error in count of outstanding UOWs received from Logger
01920101	A previous error occurred. For more information, see the previous error.
01920102	An invalid function code was encountered.
01920103	The INIT function was called twice.
01920104	CIC was not called for initialization.
01920105	The module could not find its entry in the UOW table.
01920106	The module is not capturing the specified file.
01920107	An invalid sync parameter was encountered.
01920109	Initialization for the module EDMCICIN failed.
0192010A	Termination for the module EDMCICIN failed.
0192010B	The registration routine returned an error.
0192010C	The mailman returned an error.
0192010D	The PowerExchange Agent is not active.
01930101	Initialization for the module EDMCICIN failed.
01930102	Termination for the module EDMCICIN failed.
01930103	The IMODULE GETMAIN function failed.
01930104	The IMODULE LOAD function failed.

Reason Code	Explanation
01930105	The module was unable to get into a supervisory state.
01930106	The module could not find the PowerExchange Agent SSCT.
01930107	The module encountered an invalid agent control block.
01930108	The module could not find the IMS SSCT.
01930109	There are no DBDs to capture.
0193010A	Initialization for the module \$MSGX failed.
0193010B	Termination for the module \$MSGX failed.
0193010C	The PowerExchange Agent is not active.
01940101	The input vector for the calling program is too high.
01940102	The module encountered an invalid UOW address.
01940103	The PowerExchange Logger stopped, and the global options module (EDMSDIR) requested that the ECCRabend.
01960101	An IMS ESS definition is required.
01970101	The database is not registered for capture.
01970102	The module was not passed the working storage address.
01970103	A name/token RETRIEVE failed.
01970104	Not an online region.
01990101	No databases to capture.
01990102	The module could not locate the DD name for the DBD in TIOT.
01990103	An error occurred in locating JFCB.
01990104	An error occurred when initializing the registration routine.
01990105	An error occurred during in a GET function from the registration routine
019B0101	The input vector for the calling program is too high.
019B0102	The module encountered an invalid UOW address.
019B0103	The PowerExchange Logger stopped, and the global options module (EDMSDIR) requested that the ECCRabend.
019D0101	An IMS ESS definition is required.
01A00101	A subsystem is required.

Reason Code	Explanation
01A00102	A global queue error occurred.
01A00103	The \$GENDCB module failed.
01A00104	An OPEN function from the \$GENDCB module failed.
01A00105	A CLOSE function from the \$GENDCB module failed.
01A00106	An FREE function from the \$GENDCB module failed.
01A00107	The DD statement PWXEDMCC is missing.
01A00108	The OPEN function failed.
01A00109	SET STIMER failed.
01A0010A	STIMER CANCEL failed.
01A0010B	An error occurred while the module was connecting to PowerExchange common services.
01A0010C	An XCF JOIN function failed.
01A0010D	An XCF LEAVE function failed.
01A0010E	An XCF DESTDEL function failed.
01A0010F	An XCF GET function failed.
01A00110	An XCF PUT function failed.
01A00111	An XCF FREEBUFF function failed.
01A20102	A global queue error occurred.
01A30101	A CIC initialization error occurred.
01A30102	A CIC termination error occurred.
01B70101	The agent from the SSM member is not active.
01B70102	The EDMSCTRL control block is invalid.
01B70103	The program must run in an IMS control region.
01B70104	There is a loop in the "ESAF add" routine.
01A30103	An invalid IPC header was found in the record.
01C40101	The input vector for the calling program is too high.
01C40102	The module encountered an invalid UOW address.

Reason Code	Explanation
01C40103	The PowerExchange Logger stopped, and the global options module (EDMSDIR) requested that the ECCRabend.
01C70101	An IMS ESS definition is required.

## Function Codes 01 to 0A - Circular Queue

The circular queue issues reason codes that include several parts.

The circular queue reason codes, displayed in the format xxyyzzzz, include the following parts:

- xx is the hexadecimal return code.
- yy is the function code.
- zzzz is the reason code.

[“Reason Codes 04050000 to 0812000C0 - Circular Queue” on page 297](#) lists the circular queue reason codes.

The following table describes the circular queue function codes:

Function Code	Description
01	circular queue initialization (INIT)
02	circular queue termination (TERM)
03	circular queue open (OPEN)
04	circular queue close (CLOSE)
05	circular queue get (GET)
06	circular queue put (PUT)
08	circular queue delete (DELETE)
0A	circular queue create (CREATE)
11	set end-of-file (SETEOF) on circular queue
12	circular queue find-token (FNDDTKN)



## Reason Codes 04050000 to 081200C0 - Circular Queue

The circular queue issues reason codes from 04050000 through 081200C0.

The following table describes the circular queue reason codes:

Reason Code	Explanation
04050000	The circular queue module (EDMXCIRQ) GET function found no records available and encountered the end-of-file.
04050004	The circular queue module (EDMXCIRQ) GET function found no records available from a conditional GET function.
04120004	The circular queue module (EDMXCIRQ) FNDTKN function could not find the \$DLICQTS opened-input control blocks.
08010004	The circular queue module (EDMXCIRQ) INIT function could not find the address for the \$DLIGPPL parameter list.
08010040	The circular queue module (EDMXCIRQ) INIT function's virtual-storage request for a circular queue initialization-token area failed.
08020004	The circular queue module (EDMXCIRQ) TERM function could not find the address for the \$DLIGPPL parameter list.
08020044	The circular queue module (EDMXCIRQ) TERM could not find the token value for the circular queue initialization control block.
08020048	The circular queue module (EDMXCIRQ) TERM function encountered an invalid circular queue initialization control-block identifier.
08030004	The circular queue module (EDMXCIRQ) OPEN function could not find the address for the \$DLIGPPL parameter list.
08030008	The circular queue module (EDMXCIRQ) OPEN function could not find the \$DLICQMN control block.
08030010	The circular queue module (EDMXCIRQ) OPEN function encountered an invalid open-request type.
08030020	The circular queue module (EDMXCIRQ) OPEN function encountered an unavailable GET TASK block because of too many open requests for input.
08030024	The circular queue module (EDMXCIRQ) OPEN function encountered an unavailable dynamic PUT TASK block because the virtual storage request failed.
08030028	The circular queue module (EDMXCIRQ) OPEN function encountered an unavailable static PUT TASK block because of too many open requests for output.
08030030	The circular queue module (EDMXCIRQ) OPEN function encountered a fixed-length logical record length (LRECL) less than 8 bytes.
08030034	The circular queue module (EDMXCIRQ) OPEN function encountered a fixed-length LRECL greater than the maximum value allowed for the queue.
08030036	The circular queue module (EDMXCIRQ) OPEN function does not allow the use of the WAIT=NO setting without also using the GET in LOCATE mode.

Reason Code	Explanation
08030038	The circular queue module (EDMXCIRQ) OPEN function does not allow the use of the WAIT=NO setting with a global queue.
08040004	The circular queue module (EDMXCIRQ) CLOSE function could not find the address for the \$DLIGPPL parameter list.
08040008	The circular queue module (EDMXCIRQ) CLOSE function could not find the \$DLICQTS control block.
08040010	The circular queue module (EDMXCIRQ) CLOSE function encountered an unopened \$DLICQTS control block.
08040014	The circular queue module (EDMXCIRQ) CLOSE function found that another task opened the \$DLICQTS control block.
08040018	The circular queue module (EDMXCIRQ) CLOSE function encountered an unknown \$DLICQTS control-block task type.
08050004	The circular queue module (EDMXCIRQ) GET function could not find the address for the \$DLIGPPL parameter list.
08050008	The circular queue module (EDMXCIRQ) GET function could not find the token value for the \$DLICQTS control block.
08050010	The circular queue module (EDMXCIRQ) GET function found that the current task control block (TCB) does not own the \$DLICQTS control block.
08050014	The circular queue module (EDMXCIRQ) GET function found a \$DLICQTS control block not opened for input.
08050018	The circular queue module (EDMXCIRQ) GET function found a \$DLICQTS control block at the end-of-file.
08050020	The circular queue module (EDMXCIRQ) GET function encountered an invalid \$DLICQEB control block.
08060004	The circular queue module (EDMXCIRQ) PUT function could not find the address for the \$DLIGPPL parameter list.
08060008	The circular queue module (EDMXCIRQ) PUT function could not find the token value for the \$DLICQTS control block.
08060010	The circular queue module (EDMXCIRQ) PUT function found that the current task control block (TCB) does not own the \$DLICQTS control block.
08060014	The circular queue module (EDMXCIRQ) PUT function found a \$DLICQTS control block not opened for output.
08060018	The circular queue module (EDMXCIRQ) PUT function encountered an invalid record size.
08060020	The circular queue module (EDMXCIRQ) PUT function encountered a non-zero return code from a STATUS SET,MC,PROCESS macro call
08060024	The circular queue module (EDMXCIRQ) PUT function encountered a non-zero return code from a STATUS RESET,MC,PROCESS macro call

Reason Code	Explanation
08080004	The circular queue module (EDMXCIRQ) DELETE function could not find the address for the \$DLICQPL parameter list.
08080008	The circular queue module (EDMXCIRQ) DELETE function could not find the address for the \$DLICQMN control block.
08110004	The circular queue module (EDMXCIRQ) SETEOF function could not find the address for the \$DLICQPL macro.
08110004	The circular queue module (EDMXCIRQ) SETEOF function could not find the address for the \$DLICQPL macro.
08110010	The circular queue module (EDMXCIRQ) SETEOF function encountered an invalid control-block identifier for the \$DLICQMN control block.
08110010	The circular queue module (EDMXCIRQ) SETEOF function encountered an invalid control-block identifier for the \$DLICQMN control block.
08110014	The circular queue module (EDMXCIRQ) SETEOF function found unclosed PUT tasks.
08110014	The circular queue module (EDMXCIRQ) SETEOF function found unclosed PUT tasks.
08110018	The circular queue module (EDMXCIRQ) SETEOF function found no available buffer space for the end-of-file indication.
08110018	The circular queue module (EDMXCIRQ) SETEOF function found no available buffer space for the end-of-file indication.
08120004	The circular queue module (EDMXCIRQ) FNDTKN function could not find the address for the \$DLIGPPL parameter list.
08120004	The circular queue module (EDMXCIRQ) FNDTKN function could not find the address for the \$DLIGPPL parameter list.
08120008	The circular queue module (EDMXCIRQ) FNDTKN function could not find the token value for the \$DLICQMN control block.
08120008	The circular queue module (EDMXCIRQ) FNDTKN function could not find the token value for the \$DLICQMN control block.
08120010	The circular queue module (EDMXCIRQ) FNDTKN function encountered a missing TCB owner value.
08120010	The circular queue module (EDMXCIRQ) FNDTKN function encountered a missing TCB owner value.
08120014	The circular queue module (EDMXCIRQ) FNDTKN function found that the current address space did not create this queue.
08120014	The circular queue module (EDMXCIRQ) FNDTKN function found that the current address space did not create this queue.
08120018	The circular queue module (EDMXCIRQ) FNDTKN function could not find any input \$DLICQTS control blocks for this queue.

Reason Code	Explanation
08120018	The circular queue module (EDMXCIRQ) FNDTKN function could not find any input \$DLICQTS control blocks for this queue.
0803000C	The circular queue module (EDMXCIRQ) OPEN function encountered an invalid control-block identifier for the \$DLICQMN control block.
0803003C	The circular queue module (EDMXCIRQ) OPEN function does not allow the use of the find-token (FNDTKN=Y) parameter with a global queue.
0804000C	The circular queue module (EDMXCIRQ) CLOSE function encountered an invalid control-block identifier for the \$DLICQTS control block.
0804001C	The circular queue module (EDMXCIRQ) CLOSE function found that an incorrect task attempted to close the \$DLICQTS control block (FNDTKN processing).
0805000C	The circular queue module (EDMXCIRQ) GET function encountered an invalid control-block identifier for the \$DLICQTS control block.
0805001C	The circular queue module (EDMXCIRQ) GET function encountered a COND=YES setting along with an incompatible WAIT=NO setting.
080500FF	The circular queue module (EDMXCIRQ) GET function encountered a termination request from the CQTECB post code.
0806000C	The circular queue module (EDMXCIRQ) PUT function encountered an invalid control-block identifier for the \$DLICQTS control block.
0806001C	The circular queue module (EDMXCIRQ) PUT function encountered an invalid \$DLICQEB control block.
080600FF	The circular queue module (EDMXCIRQ) PUT function encountered a termination request from the CQTECB post code.
0808000C	The circular queue module (EDMXCIRQ) DELETE function encountered an invalid identifier for the \$DLICQMN control block.
080A0004	The circular queue module (EDMXCIRQ) CREATE function could not find the address for the \$DLIGPPL parameter list.
080A0010	The circular queue module (EDMXCIRQ) CREATE function encountered a subpool value outside 0 and 255 (inclusive).
080A0014	The circular queue module (EDMXCIRQ) CREATE function encountered a GET task-count value outside 1 and 15 (inclusive).
080A0018	The circular queue module (EDMXCIRQ) CREATE function encountered a PUT task-count value outside 0 and 255 (inclusive).
080A001C	The circular queue module (EDMXCIRQ) CREATE function encountered a buffer count value outside 1 and 255 (inclusive).
080A0020	The circular queue module (EDMXCIRQ) CREATE function encountered a buffer size value outside 4096 and 32760 (inclusive).

Reason Code	Explanation
080A0030	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request for the \$DLICQMN control block failed.
080A0034	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request failed for the \$DLICQTS control block (GET TASK function).
080A0038	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request failed for the \$DLICQTS control block (PUT TASK function).
080A003C	The circular queue module (EDMXCIRQ) CREATE function's virtual-storage request for circular queue buffers failed.
0811000C	The circular queue module (EDMXCIRQ) SETEOF function could not find the token value for the \$DLICQMN control block.
0811000C	The circular queue module (EDMXCIRQ) SETEOF function could not find the token value for the \$DLICQMN control block.
0812000C	The circular queue module (EDMXCIRQ) FNDDTKN function encountered an invalid control-block identifier for the \$DLICQMN control block.
0812000C	The circular queue module (EDMXCIRQ) FNDDTKN function encountered an invalid control-block identifier for the \$DLICQMN control block.

## Reason Codes 0A0A000E to 0A0B00D8 - Log Write API

The Log Write API issues function reason codes from 0A0A000E through 0A0B00D8.

The following table lists the Log Write API function reason codes:

Reason Code	Explanation
0A0A000E	FirstThreeParmsIncomplete
0A0A0010	EdmcstubGetmainFailed
0A0A0011	LoadForEdmciapiFailed
0A0A0012	TokenFunctionMismatch
0A0A0013	InvalidToken
0A0B0001	TooManyParms
0A0B0002	RegTypeConflictWithAgent
0A0B0003	FunctionUnknownOrInvalidPerInitParms
0A0B0004	NotEnoughParmsForFunction
0A0B0005	FunctionProhibitedType0
0A0B0006	FunctionProhibitedMultiTasked

Reason Code	Explanation
0A0B0007	UOWNameIsNotLoggerConnectName
0A0B0008	DataParmInvalid
0A0B0009	2ndDataParmInvalid
0A0B000A	FunctionInvalidPerInitOptions
0A0B000B	InvalidInitParm
0A0B000C	InternalErrorHandlingRegistrations
0A0B000D	InvalidAPIInitToken
0A0B000F	NullParameterPassed
0A0B0014	NoAPIInitToken
0A0B0015	APIInitTokenFunctionMismatch
0A0B0016	TokenGetmainFailed
0A0B0017	LoggerDisconnectFailed
0A0B0018	TERM_indoubt_UOW
0A0B0019	RegistrationCheckFailed
0A0B001A	LoggerConnectionFailed
0A0B001B	LoggerQueueOpenFailed
0A0B001C	LoggerInterfaceWriteFailed
0A0B001D	UOWAlreadyExists
0A0B001F	SendingChangeAfterCHK1
0A0B0020	InternalErrorProcessingUOWs
0A0B0021	CommonSvcsInitFailed
0A0B0022	CommonSvcsConnectFailed
0A0B0023	ErrorObtainingLoggerResyncInfo
0A0B0024	ErrorTerminatingCommonSvcs
0A0B0025	HighSeqNotAscending
0A0B0026	LowSeqNotAscendingOrZero
0A0B0027	NameTokenFunctionFailed

Reason Code	Explanation
0A0B0028	MissingAPIInitToken
0A0B0029	InconsistentMultiTaskInits
0A0B002A	UOWNotFound
0A0B002B	MustIssueCHK1First
0A0B002C	TooMuchExtendedInfoInPkt
0A0B002D	TooMuchExtendedInfoInChng
0A0B002E	InvalidLCIReturnArea
0A0B002F	MissingMSGDescTag
0A0B0030	InvalidDescTag
0A0B0031	EventMarkBuildFailed
0A0B0032	EvntMaxEdmnamesExceeded
0A0B0033	EvntMaxDescExceeded
0A0B0034	RegistrationInitializationFailed (this is new)
0A0B0035	AgentServicesUnavailable (this is new)
0A0B0036	RegistrationConnectionFailed
0A0B0037	RegistrationDisconnectionFailed
0A0B0038	InitType1MultiTaskedProhibited
0A0B0039	ConnTokenLogicErrorOnInit
0A0B003A	APIConnTokenNotFoundInChain
0A0B003B	APIConnTokenLogicErrorAtTerm
0A0B003C	FunctionProhibitedSingleTaskTerm
0A0B003D	LoggerMultitaskDisconnectFailed
0A0B003E	RegistrationMultitaskDisconnectionFailed
0A0B0080	RegistrationNameTooLong
0A0B0081	EccrNameTooLong
0A0B0082	Wrapper_InternalError
0A0B0083	Wrapper_TokenFunctionMismatch

Reason Code	Explanation
0A0B0084	Wrapper_MemoryAllocationFailed
0A0B0085	Wrapper_InvalidToken
0A0B0086	Wrapper_UserIdTooLong
0A0B0087	Wrapper_MessageTooLong
0A0B00C0	XData_GNRS_Error
0A0B00C1	XData_RSTR_Error
0A0B00C2	XData_GHSQ_Error
0A0B00C3	XData_GLCI_Error
0A0B00D0	XData_LR_INIT_Error
0A0B00D1	XData_LR_CONN_Error
0A0B00D2	XData_LR_OPEN_Error
0A0B00D3	XData_LR_GETL_Error
0A0B00D4	XData_LR_BUOW_Missing
0A0B00D5	XData_LR_NoRecords
0A0B00D6	XData_LR_BUOWsNotFound
0A0B00D7	XData_LR_PrematureEOF
0A0B00D8	XData_LR_SIGNON_Missing

## Reason Codes 0A0D0300 to 0A0E0320 - Log Read API

The Log Read API issues function reason codes from 0A0D0300 to 0A0E0320.

The following table lists the Log Read API function reason codes:

Reason Code	Explanation
0A0D0300	EdmlrstbGetmainFailed
0A0D0301	LoadForEdmlrapiFailed
0A0D0302	TokenFunctionMismatch
0A0D0303	InvalidToken
0A0D02FE	FirstThreeParmsIncomplete



Reason Code	Explanation
0A0E0001	GETL_PROGRESS
0A0E0002	GETL_TIMEOUT
0A0E0003	GETL_EOF
0A0E0050	TooManyConnects
0A0E0051	InvalidSTDChgRec
0A0E0052	InvalidChgRecPFormat
0A0E0053	InvalidCRFChgRec
0A0E0054	InvalidSBCChgRec
0A0E0055	ConnectionIsOpen
0A0E0056	ConnectionNotOpen
0A0E0057	InvalidCONNParam
0A0E0058	LoggerConnectionFailed
0A0E0059	IncorrectHeaderVersion
0A0E005A	ESTAEFailedInHelper
0A0E005B	HelperAttachFailed
0A0E005C	MissingOrDupSegs
0A0E005D	SegBufferSizeError
0A0E005E	InvalidOpenRBASeg
0A0E005F	ErrorManagingSegments
0A0E0060	ConnectionAlreadyOpen
0A0E0061	HelperTaskFailed
0A0E0062	LoggerDidNotRespondToCommand
0A0E0063	LoggerTerminatedConnection
0A0E0064	InvalidEventRec
0A0E0065	StorageObtainFailedInHelper
0A0E0066	OPENEndSEQItBeginSEQ
0A0E0067	InternalPlistError

Reason Code	Explanation
0A0E0070	TimerSvcsActiveTimerInTransition
0A0E0071	TimerSvcsNoCONNToken
0A0E0072	TimerSvcsSTIMERError
0A0E0073	TimerSvcsTimerAlreadyExists
0A0E0074	TimerSvcsTimerIDMismatch
0A0E0075	TimerSvcsNoActiveTimerInToken
0A0E0076	TimerSvcsTooManyTimers
0A0E0100	InvalidTokenType
0A0E0101	InvalidINITToken
0A0E0102	InvalidCONNToken
0A0E0103	ErrorCreatingLRAPILocalQueue
0A0E0104	ErrorOpeningLRAPILocalQueue
0A0E0105	ErrorLRAPILocalQueueNotOpen
0A0E0106	ErrorReadingLRAPILocalQueue
0A0E0107	ErrorLRAPILocalQueueEOF
0A0E0108	MoreThanOneAPIPerTCB
0A0E0109	ModuleLoadFailed
0A0E010A	ErrorWritingLRAPILocalQueue
0A0E010B	ErrorCreatingINTLSTCommand
0A0E010C	InterestListFailed
0A0E0110	ErrorDuringXCFJoin
0A0E0111	ErrorCreatingLoggerGlobalQueue
0A0E0112	ErrorOpeningLoggerGlobalQueue
0A0E0113	ErrorClosingLoggerGlobalQueue
0A0E0114	ErrorSendingCmdToLogger
0A0E0115	ErrorReadingLoggerGlobalQueue
0A0E0116	ErrorTerminatingCommonSvcs

Reason Code	Explanation
0A0E0117	ErrorInXCFGetMsg
0A0E0118	ErrorInXCFGetGroup
0A0E0119	ErrorInXCFFreeBuff
0A0E011A	RequestDataXferFailed
0A0E011B	InvalidRecordFromLogger
0A0E011C	StopDataXferFailed
0A0E011D	InvalidLCIReturnArea
0A0E011E	InvalidOpenParm
0A0E011F	BeginSeqRequired
0A0E0120	SEDInitError
0A0E0121	SEDAddError
0A0E0122	SEDAddDuplicateEdmname
0A0E0123	SEDTermError
0A0E0124	SEDInternalError
0A0E02F5	TooManyParms
0A0E02F6	FunctionUnknownOrInvalidPerInitParms
0A0E02F7	NotEnoughParmsForFunction
0A0E02FF	NullParameterPassed
0A0E0304	TokenGetmainFailed
0A0E0317	CommonSvcsInitFailed
0A0E0318	CommonSvcsConnectFailed
0A0E0319	AgentServicesUnavailable
0A0E0320	ErrorProcessingExternalParameters

## Reason Codes 10000001 to 1007FFFF - DB2 ECCR

The DB2 ECCR issues reason codes from 10000001 to 1007FFFF.

The following table lists the DB2 ECCR reason codes:

Reason Code	Explanation
10000001	The PowerExchange initialization module (CCDINI0) encountered an error when it attempted to initialize PowerExchange common services.
10000002	The PowerExchange initialization module (CCDINI0) encountered an error when it attempted to connect to PowerExchange common services.
10000003	The PowerExchange initialization module (CCDINI0) encountered an error when it attempted to initialize the schema checker (CCDSCH0).
10030001	An attempt to get an EDMNAME failed.
10030002	An attempt to get a schema failed.
10030003	An attempt to change a schema failed.
10030004	An error occurred when the PDX interface (CCDRIOM) tried to acquire a command buffer.
10030005	An error occurred when the PDX interface (CCDRIOM) tried to acquire a reply buffer.
10030006	An error occurred when the PDX interface (CCDRIOM) received a call from the \$RIOM macro.
10030007	The PDX interface (CCDRIOM) could not find the EDMNAME in the registration list.
10040001	The DB2 schema does not match the registration in the PowerExchange repository.
10040002	An attempt to build an RCD record failed.
10040003	A GETSCHEM call to the PDX interface (CCDRIOM) failed.
10040005	During initialization, the DB2 ECCR schema checker (CCDSCH0) could not find a schema that matched the schema specified in the message.
10060001	Schema verification failed.
10070001	The DB2 ECCR found an invalid log record type.
10070002	The DB2 ECCR could not locate the CREATE TIME field for the change record.
10070003	The DB2 ECCR could not locate the ALTER TIME field for the change record.
10070004	The DB2 ECCR (X029261) was unable to determine the DB2 version.
10070005	The DB2 ECCR could not locate the data definition language (DDL) record end.
10070006	The DB2 ECCR could not determine the data type for the column.
10070007	The DB2 ECCR could not locate the source type identification (SOURCETYPEID) in the SYSCOLUMNS row.

## Reason Codes 00000004 to 00000054 - Chainer Module (EDMQMGR0)

The Chainer Module issues reason codes from 00000004 to 00000054.

The following table lists the Chainer Module reason codes:

Reason Code	Explanation
00000004	Record Not Found
00000008	Insufficient Storage
0000000C	Invalid Record Prefix (Bad Addr)
00000010	Invalid Flags or Key Addr
00000014	Invalid Function Code
00000018	Invalid Blksize/datal/lrecl
0000001C	TOQ Is Invalid
00000020	Invalid Freespace Id
00000024	Broken Synonym Chain
00000028	KEYL Is Zero
0000002C	Ver Failed - BLKSIZE
00000030	Ver Failed - Record Prefix
00000034	Ver Failed - Ff000000 Not Last
00000038	Exit Returned Non-zero
0000003C	Chain In Use
00000040	Chain Already Locked, Lock Fails
00000040	Chain Not Locked, Unlock Fails
00000048	Invalid Owner of Locked Chain
0000004C	Serial Option Required Lock/unlk
00000050	Invalid Register Form Params
00000054	Pagefix Unknown Return Code