



Informatica® PowerExchange  
10.5.1

# Message Reference Volume 3

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# Preface

Use *Informatica® PowerExchange® Message Reference Volume 3* to look up information about PowerExchange messages with the prefix "PWXEDM" or in the range DTL0001 to DTL62569I, including explanations, system actions, and user responses. This reference also describes PowerExchangeabend, return, and reason codes.

For information about additional PowerExchange messages, see *PowerExchange Message Reference Volume 1* and *PowerExchange Message Reference Volume 2*.

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# CHAPTER 1

## DTL0001 to DTL5008

This chapter includes the following topic:

- [DTL0001 to DTL5008, 7](#)

## DTL0001 to DTL5008

### **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:	<p>Perform the following actions:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. In the CRTPWXENV command, specify a different library name in each library parameter.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0013E</b>	<b>A PowerExchange capture library must be specified if a PowerExchange Condense library is specified.</b>
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:	<p>Perform the following actions:</p> <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, enter the PowerExchange capture library name in the CPXLIB parameter.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0014E</b>	<b>PowerExchange Listener message queue was not found in library <i>library</i>.</b>
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:	<p>Perform the following actions:</p> <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, correct the library name.</li> <li>3. Run the command again.</li> </ol>
<b>DTL0015E</b>	<b>A PowerExchange Listener task name is required.</b>
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:	<p>Perform the following actions:</p> <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 command, enter the name of the PowerExchange Listener task in the STOPTASK parameter. For example: SNDLSTCMD LSTMSGQLIB(DATALIB) LSTCMD(STOPTASK) STOPTASK(MYAPP)</li> <li>3. Run the command again.</li> </ol>

<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.

**DTL5001E                    File *library/source\_file\_name* not found / unavailable**

Explanation:            The source file that you specified in the i5/OS RTVSQLSTMT command either does not exist or is currently unavailable. The RTVSQLSTMT command cannot write the SQL statements for re-creating DB2 for i5/OS source or target objects to the file.

System Action:        The command terminates.

User Response:        Verify that the source file exists and that you have the required authority to use it. Then try to run the command again.

**DTL5002E                    File *library/source\_file\_name* is NOT a source physical file**

Explanation:            The source file that you specified in the i5/OS RTVSQLSTMT command is not a physical file. The configured RTVSQLSTMT command can write the SQL statements for re-creating DB2 for i5/OS source or target objects only to a physical file.

System Action:        The command terminates.

User Response:        If the library or file name in the command is incorrect, correct it. Then try to run the command again.

**DTL5003E                    Member *source\_member\_name* already exists in the file *library/source\_file\_name* and RPLSRCMBR(\*YES) was not specified**

Explanation:            The source member that you specified in the i5/OS RTVSQLSTMT command already exists in the source file. The command does not replace the existing member because RPLSRCMBR(\*NO) is specified in the command.

System Action:        The command terminates.

User Response:        In the command, either specify a different source member or specify the RPLSRCMBR(\*YES) option to allow the replacement of the existing member. Then try to run the command again.

**DTL5004E                    Parameter *parameter\_name* value *parameter\_value* is not supported for i5/OS level version**

Explanation:            The i5/OS RTVSQLSTMT command includes the specified parameter value but this parameter value is not supported for the i5/OS version that is installed on the server. The RTVSQLSTMT command cannot provide the SQL statements for re-creating DB2 for i5/OS source or target objects.

System Action:           The command terminates.

User Response:           In the command, change the value of the specified parameter to either the default value or a value that is supported by your i5/OS version. Then try to run the command again.

**DTL5005E                    Create RCAC Statements only permitted if Activate Row & Column Access has been specified**

Explanation:            In the i5/OS RTVSQLSTMT command, the Create RCAC Statements (CRTMSKPRM) parameter is set to \*YES. The Create RCAC Statements parameter can be set to \*YES only if the Activate Row & Column Access (ACTROWCOL) parameter is also set to \*YES. However, the Activate Row & Column Access parameter value is \*NO.

System Action:           The command terminates.

User Response:           In the command, either change the CREATE RCAC Statements parameter to \*NO or change the Activate Row & Column Access parameter to \*YES. Then try to run the command again.

**DTL5006E                    SRCMBR cannot be \*SQLOBJ for selected SQL Object**

Explanation:            The Source Member (SRCMBR) parameter in the i5/OS RTVSQLSTMT command cannot be set to \*SQLOBJ when the SQL Object (SQLOBJNAM) parameter in the same command specifies a name that is less than 11 characters in length and not enclosed in double quotation marks ("").

System Action:           The command terminates.

User Response:           In the command, enter a valid SRCMBR value. Then try to run the command again.

**DTL5007E                    Parameter *parameter\_name* cannot be *parameter\_value* for selected SQL Object Type *type***

Explanation:            In the i5/OS RTVSQLSTMT command, the specified parameter value is not valid for the type of SQL object that is specified in the SQLTYPE (SQL Type) parameter. The command cannot provide the SQL statements for re-creating DB2 for i5/OS source or target objects.

System Action:           The command terminates.

User Response:           To determine the valid SQL object types for the specified parameter, display help information for the parameter. Then either change the specified parameter value or the SQLTYPE parameter value to provide a valid combination of parameters. When finished, try to run the command again.

**DTL5008E                    Parameters *parameter1\_name* and *parameter2\_name* cannot both be specified as *option***

Explanation:            In the i5/OS RTVSQLSTMT command, the specified parameters are both set to the same option. However, only one of these parameters can use this option in the same command.

System Action:           The command terminates.

User Response:           In the command, edit these parameters to specify a valid combination of parameter values. Then try to run the command again.



## CHAPTER 2

# DTL58001 to DTL62569

This chapter includes the following topic:

- [DTL58001R to DTL62569I, 17](#)

## DTL58001R to DTL62569I

### **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.

<b>DTL58019I</b>	<b>VCC <i>ddname</i> minimum record length too short.</b>
Explanation:	The ECCR attempted to write a record that is shorter than the definition of the file ( <i>ddname</i> ) 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.
<b>DTL58020I</b>	<b>VCC VCCSERV <i>csectrequestname</i> VCCSERV+xxxxxx. Request not supported.</b>
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.
<b>DTL58021I</b>	<b>VCC <i>macro</i> error REG15=<i>nnn(xx)</i> [REG0=<i>nnn(xx)</i>].</b>
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, <i>nnn(xx)</i> , and see the description in the appropriate IBM manual to determine your action.
<b>DTL58022I</b>	<b>VCC <i>ddname macro</i> error REG15=<i>nnn(xx)</i> [REG0=<i>nnn(xx)</i>].</b>
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, <i>nnn(xx)</i> , and see the description in the appropriate IBM manual to determine your action.
<b>DTL58023I</b>	<b>VCC <i>ddname</i> REG15=<i>nnn(xx)</i> RPLERRCD=<i>nnn(xx)</i> <i>message</i>.</b>
Explanation:	A VSAM error was encountered. The <i>ddname</i> , the return code, the RPL error code, and a <i>message</i> are displayed. The text of <i>message</i> 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 {<i>pointer list</i> <i>area</i>} 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 key 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 parmname.</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 subparameter is an invalid subparm for parameter.</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=key 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(return_code), R0(feedback_code).</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 module_name 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 JRNLERR 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> [text].</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</i>(<i>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:

- [PWXEDM172000W to PWXEDM172257E, 33](#)
- [PWXEDM172502I to PWXEDM172792E, 73](#)
- [PWXEDM172800E to PWXEDM172894W, 128](#)
- [PWXEDM173000W to PWXEDM173002I, 142](#)

## PWXEDM172000W to PWXEDM172257E

### **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 dataspace 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 Reader | Reader} log\_reader\_name disconnected from Log Merge task logger\_ID, RC=return\_code, RSN=reason***

Explanation:        A reader task or job disconnected from the Log Merge task. This message provides the name and type of the reader task or job, the return code, and the reason code. If the return code and reason code are zero, disconnection was normal. If the return code and reason code are non-zero values, the disconnection might be related to an error.

System Action:      Processing continues

User Response:      If the return code and reason code are non-zero values, look for related messages to diagnose the problem. Also look at the reader task or job output.

**PWXEDM172141I    *module: Logger job\_name has started on system SMF\_ID for reader log\_reader\_name***

Explanation:        A member Logger job that is part of the Post-Log Merge process has been started on the specified system. During initialization, the Logger job signs on to the Post-Log Merge task to verify proper serialization and sequencing of the log records that are being merged from all of the member Loggers.

The message is issued once for each active log reader that will receive data merged from the member Logger. This message provides the job name of the member Logger, the SMF ID of the system on which the member Logger runs, and the name of the log reader whose status has been changed to recognize that the member Logger is now active.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172142W    *module: Logger job\_name on system SMF\_ID has terminated for reader log\_reader\_name - LMF will continue***

Explanation:        A member Logger job that is part of the Post-Log Merge process ended while processing data for the specified log reader. The Post-Log Merge task continues to merge data from that member Logger until it reaches the end of the data. The Post-Log Merge task then does not merge new data from that member Logger until the member Logger signs back on to the Post-Log Merge task. The member Logger signon will be indicated by message PWXEDM172141I.

This message is issued once for each active log reader that was receiving data merged from the member Logger. The message text includes the job name of the member Logger, the SMF ID of the system on which the member Logger ran, and the name of the log reader whose status has been changed to recognize that the member Logger is no longer active.

System Action:      The Log Merge Facility (LMF) continues processing.

User Response: If the termination of the member Logger was expected, such as during a shutdown for an IPL of the system, no user action is required. If the termination was unexpected, determine the reason for the termination, correct the problem, and then try to restart the member Logger. If the problem cannot be diagnosed, 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 task***

Explanation: The Log Merge task was started with JCL that specified a PARM value that is not valid. The message contains up to eight characters of the invalid value. The only valid value is Traced.

System Action: The Log Merge task ends.

User Response: Correct the JCL and restart the task. If the problem persists, contact Informatica Global Customer Support.

**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: Processing dataset\_name for {Scan/Print|Reader log\_reader\_name}***

Explanation: The Log Merge Facility (LMF) is processing the specified log data set for the PowerExchange Log Scan and Print utility or a log reader.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172147E    *module: LMF has encountered an error with function function RC=return\_code***

Explanation: The Log Merge Facility (LMF) encountered an error during a log process function invoked by the DSPSERV, DIV, HSPSERV, DYNAMIC ALLOCATION, DYNAMIC REALLOCATION, or OPEN macro. In the message text, *function* represents one of the following values:

- 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: Gather information about the failure and then contact Informatica Global Customer Support.

**PWXEDM172148E *module: Error was encountered opening the archive log dataset. RC=return\_code***

Explanation: The program module encountered an error while opening an archive log data set. This message provides the return code for the error.

System Action: Processing ends.

User Response: Gather all available information about the error. Then 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 RC=return\_code***

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

System Action: Processing ends.

User Response: Check to see if the data set was allocated to another job and 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 RC=X"return\_code"***

Explanation:        The issuing program called a service or function that returned a non-zero return code. In the message text, *function* represents one of the following values:

- 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:        To diagnose the error, review the previous error messages. Then 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 reader-XCF**

Explanation: The Log Merge Facility (LMF) control module expected a read response from the log reader but did not get it.

System Action: The Logger job will terminate.

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

**PWXEDM172160E module: Getmain failed at initialization. RC=X"return\_code"**

Explanation: A GETMAIN request failed because of insufficient virtual storage.

System Action: Processing ends.

User Response: Increase the REGION size.

**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: Reader must be on the same MVS image as LMF***

Explanation:        The log reader must run on the same z/OS image as the Log Merge Facility (LMF).

System Action:      Processing ends.

User Response:      Start the log reader job on the same z/OS image as the LMF.

**PWXEDM172167E    *module: Reader with the same name is already active***

Explanation:        A log reader of the same name is already active for Post Log Merge processing.

System Action:      Processing ends.

User Response:      Contact Informatica Global Customer Support.

**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.

**PWXEDM172169I    *module: QUIT has been issued the sender is terminating***

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.

**PWXEDM172170I    *module: Receiver -- operator reply***

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.

**PWXEDM172171I    *module: QUIT has been issued the receiver is terminating***

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.

**PWXEDM172172I    *module: Sender has signed on to the EDM Logger***

Explanation: The sender has communicated through XCF to the PowerExchange Logger.

System Action: Processing ends.

User Response: Start the receiver on the appropriate system.

**PWXEDM172173I    *module: Sender has signed on to the EDM receiver***

Explanation: The sender talked to the receiver.

System Action: Processing ends.

User Response: Start the receiver on the appropriate system.

**PWXEDM172174E    *module: Sender is terminating due to a critical write error***

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.

**PWXEDM172175W    *module: An External Timer Routine is necessary to run LMF***

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 RC=x"return\_code"***

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

System Action: Processing ends.

User Response: Check the 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.

**PWXEDM172183E    *module: Log Reader log\_reader\_name has sent a "type" request but no signon entry is present in LMF***

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:

- Request Data Transfer
- Shutdown Data Transfer
- Terminate Process

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.

**PWXEDM172184I    *module: The receiver is not communicating sender waiting***

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.

**PWXEDM172186I    *The receiver has started communication with the sender again***

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.

**PWXEDM172187E    *module: The EDM Logger has terminated. The receiver is waiting to restart.***

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.

**PWXEDM175188I    *module: System Checkpoint record record\_number***

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: {begin | stop} data transfer for Reader log\_reader\_name at log\_location***

Explanation: Data transfer is starting from or stopping at the specified log location for a log reader in the Post-Log Merge.

The log reader for Post-Log Merge is starting or stopping at the specified log location.

User Response: No response is required.

<b>PWXEDM172192I</b>	<b><i>module: LMF Tasks have stopped successfully due to operator shutdown</i></b>
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.
<b>PWXEDM172193I</b>	<b><i>EDMLCTRD: Reader xxxxxxxx has terminated [abnormally]</i></b>
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.
<b>PWXEDM172194I</b>	<b><i>module: LMF task for Log Reader log_reader_name has terminated prematurely due to an abend</i></b>
Explanation:	The LMF task that corresponds to the specified Log Reader job terminated prematurely because of an abend.
System Action:	The LMF task is terminated.
User Response:	Look at the output from the LMF job and from the corresponding Log Reader job to determine the reason for the termination.
<b>PWXEDM172195I</b>	<b><i>module: Reader log_reader_name terminates due to an operator STOP or reader termination</i></b>
Explanation:	A Log Reader is ending because of an operator STOP command or Reader termination.
System Action:	The Log Reader ends.
User Response:	No response is required.
<b>PWXEDM172196I</b>	<b><i>EDMLCTRD: Reader xxxxxxxx has requested stop transmission</i></b>
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.
<b>PWXEDM172197E</b>	<b><i>Unable to LOAD module module_name</i></b>
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.
<b>PWXEDM172198I</b>	<b><i>module: LMF table populate tasks are terminating due to an operator stop or PAC termination</i></b>
Explanation:	The log read tasks that run under the Log Merge Facility (LMF) are ending.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172199E</b>	<b><i>module: LMF timer has encountered an error RC=return_code</i></b>
Explanation:	The Log Merge Facility (LMF) timer macro encountered an error.

System Action:	The storage region in which the macro runs ends.
User Response:	Gather information about the error and then contact Informatica Global Customer Support.
<b>PWXEDM172200I</b>	<b><i>module: display_type display for EDM Agent agentid</i></b>
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.
<b>PWXEDM172201I</b>	<b><i>module: No locks are currently held</i></b>
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.
<b>PWXEDM172202I</b>	<b><i>module: object – ASCB=ascb_address, TCB=tcb_address</i></b>
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 <i>ascb_address</i> and <i>tcb_address</i> identify the ASCB and TCB addresses of the owner of the lock. If you used DISPLAY TASKS, object identifies the TAFF entry, and <i>ascb_address</i> and <i>tcb_address</i> identify the ASCB and TCB addresses of the registered tasks.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172203I</b>	<b><i>module: Job=job, Step=step, ProcStep=proc_step, JobID=jesid</i></b>
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.
<b>PWXEDM172204I</b>	<b><i>module: Handle addr=handle_address, Task-related area addr=task_address</i></b>
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.
<b>PWXEDM172205I</b>	<b><i>module: dsname - CQMN=token, Seq=seq_number</i></b>
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.

**PWXEDM172208I    *PMP addr=address, Subpool=subpool, Module len=modlength, PMP len=pmplength, CDE=cde\_address***

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.

**PWXEDM172209E    *module: Repository request failed. Return Code=rc,Reason=reason***

Explanation:        A request for PowerExchange repository data failed and returned the return code *rc* and reason code *reason*.

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.

**PWXEDM172210I    *module: JCL EXEC PGM=jclprogram, RB CDE Program=rbprogram, Initiator ID=initid***

Explanation:        This message is issued in response to a DISPLAY command. It provides the program name from the JCL EXEC (*jclprogram*) and the program name from the current PRB associated with the address space identified in a preceding message (*rbprogram*). For a batch job, this message also displays the associated JES initiator ID (*initid*).

System Action:      Processing continues.

User Response:      No response is required.

<b>PWXEDM172211I</b>	<b><i>module: module_wait1 (ascb1/tcb1) status module_hold2 (ascb2/tcb2) for lock=lockid(ecb_address/ecb)</i></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><i>module: module_wait (ascb/tcb) now owns lockid lock</i></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.

**PWXEDM172217I    *module: EDM VSAM Change Capture {deactivated|reactivated}***

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.

**PWXEDM172249I    *module: agent\_ID Clean up - operation. item=value***

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.

**PWXEDM172256I    *module: EDM Agent agent\_ID has completed initialization***

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 JOBLOG to determine the RepositoryMode specified at startup. If RepositoryMode=Detail is specified and this message is issued, contact Informatica Global Customer Support.

**PWXEDM172298I    *agent\_name log file EDMSLOG [OPENed|CLOSEd]***

Explanation: The PowerExchange Agent opened or closed the specified EDMSLOG file. This message precedes and follows a listing of the EDMSLOG contents.

System Action: Processing continues.

User Response: No action is required.



# PWXEDM172502I to PWXEDM172792E

**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 Logger Current RBA=*current\_RBA* is less than requested RBA=*requested\_RBA***

Explanation: The current PowerExchange Logger for z/OS writing position in the logs is before the starting relative byte address (RBA) that the log reader task requested.

System Action: The log reader task ends but Logger 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 z/OS 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 Logger UOW=*uow\_ID***

Explanation: This message is part of the unit of work (UOW) report. It reports the UOW that the PowerExchange Logger for z/OS is processing.

System Action: PowerExchange Logger processing continues.

User Response: No response is required.

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

Explanation: The specified PowerExchange Logger for z/OS received a stop request. This message is issued as a WTO message.

System Action: The PowerExchange Logger begins the termination process.

User Response: No response is required.

**PWXEDM172507W *logger\_title logger\_id* task *task\_name* abended *abend\_code* - *task\_description***

Explanation: The task identified by task *task\_name*, which is within the PowerExchange Logger identified by *logger\_title logger\_id*, ended abnormally with the abend code *abend\_code*. This message is issued as a WTO message.

System Action:	The specified task 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.
<b>PWXEDM172508I</b>	<b><i>logger_title logger_id task task_name ended RC=return_code - task_description</i></b>
Explanation:	The specified PowerExchange Logger for z/OS 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.
<b>PWXEDM172509I</b>	<b><i>logger_title logger_id shutdown complete</i></b>
Explanation:	The specified PowerExchange Logger for z/OS task ended. This message is issued as a WTO message.
User Response:	No response is required.
<b>PWXEDM172510E</b>	<b>RDS is OPEN for update by another address space</b>
Explanation:	The ERDS is open and being used in update mode by another PowerExchange Logger for z/OS job or a batch update process. This message is issued as a WTO message.
System Action:	The PowerExchange Logger ends abnormally.
User Response:	Determine which job should be using the ERDS and then terminate the other one.
<b>PWXEDM172511E</b>	<b>LOAD for module failed. R1=hexadecimal_return_code, R15=hexadecimal_return_code.</b>
Explanation:	The PowerExchange Logger for z/OS was unable to load the specified module during initialization. This message is issued as a WTO message.
System Action:	The PowerExchange Logger ends abnormally.
User Response:	Collect all available information about the cause of the failure. Then contact Informatica Global Customer Support.
<b>PWXEDM172512I</b>	<b><i>logger_title initialized</i></b>
Explanation:	The PowerExchange Logger completed its start-up processes and is ready for further processing. This message is issued as a WTO message.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172513E</b>	<b>The EDMSDIR LOGRGRP parameter has been changed</b>
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.
<b>PWXEDM172514E</b>	<b>Second positional EXEC PARM= value value is invalid.</b>
Explanation:	The specified second PARM value is not valid.
System Action:	The PowerExchange Logger ends.

User Response: Specify BATCH or do not specify a value. Correct the EXEC PARM= specification.

**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.

**PWXEDM172530I *TRACE ID trace\_name* level is *number***

Explanation: The trace identified by *trace\_name* was set to the specified level.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172531I *TRACE ID trace\_name* is off**

Explanation: The trace identified by *trace\_name* is set to level 0, which means the trace is turned off.

System Action: Processing continues. No tracing is recorded.

User Response: No response is required.

**PWXEDM172532I *No active TRACE IDs***

Explanation: This message is issued in response to a DISPLAY TRACE command. No active traces were found.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172536I *EDMLCTL statements:***

Explanation: This message introduces a list of EDMLCTL control statements.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172537I *edmlctl\_statement***

Explanation: This message displays one or more EDMLCTL control statements.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172538I *EDMLCTL statements end***

Explanation: This message marks the end of the EDMLCTL control statement list.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172541E    *Logger running from a non-APF authorized library, ROUTCDE=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    *Writer writer\_identifier connection to Logger logger\_ID deferred - reason***

Explanation:        The PowerExchange Logger for z/OS received a signon request from an ECCR or log writer but cannot process the request immediately. The signon is deferred until the PowerExchange Logger can process it.

System Action:      Processing continues.

After the PowerExchange Logger is able to process the signon request, the Logger issues message PWXEDM172668I to indicate that the signon request was processed and sends a response to the writer task.

If the signon request fails, the PowerExchange Logger issues message PWXEDM172669I. Also, this message text includes the writer identifier, the PowerExchange Logger ID, and the reason why the signon was deferred. The only *reason* value is "Logger quiesced." However, the writer processing is deferred only until the PowerExchange Logger is able to process the signon request and respond to the writer.

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

In a Post-Log Merge environment, one possible cause is that the PowerExchange Logger entered a quiesced state for Post-Log Merge. The PowerExchange Logger must resume normal operations before it can allow any writers to connect to it. In this situation, see the messages related to the Post-Log Merge task to determine why the PowerExchange Logger cannot resume normal operations.

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

**PWXEDM172543W    *Logger logger\_ID quiesce failed from post\_log\_merge\_task\_ID (jobname job\_name on system system\_name), RC=return\_code, RSN=reason\_code***

Explanation:        The PowerExchange Logger for z/OS received a response to a quiesce request (QUIESCL command). The return code and reason code indicate that the quiesce request failed. The PowerExchange Logger sends the quiesce request to the Post-Log Merge task because no ECCRs are connected to the Logger for the interval that is specified in TIME\_CHKPT\_FREQ parameter in the PowerExchange Logger EDMUPARM options module.

This message includes the PowerExchange Logger ID, the Post-Log Merge task identifier, the name of the job under which the Post-Log Merge task runs, and the system on which the task runs. The message also includes the return code and reason code from the QUIESCL response message.

System Action:      Processing continues and the PowerExchange Logger leaves the quiesced state. However, the PowerExchange Logger cannot determine the state of the Post-Log Merge address space.

User Response: Determine the reason for the error in Post-Log Merge task processing of the QUIESCL request. To diagnose the error, review messages that were issued by the Post-Log Merge task. To correct the problem, you might need to recycle either the Post-Log Merge task or the PowerExchange Logger. If you cannot diagnose 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 *post\_log\_merge\_task\_name* (jobname *job\_name* on system *system\_name*), RC=*return\_code*, RSN=*reason\_code***

Explanation: The PowerExchange Logger for z/OS received a response to a resume request, but the return code and reason code indicate that the resume request failed. The PowerExchange Logger sent the resume request (RESUMEL command) to the Post-Log Merge task because some ECCRs tried to connect to the PowerExchange Logger while it was quiesced.

In this message text:

- *logger\_id* is the name of the PowerExchange Logger.
- *post\_log\_merge\_task\_name* is the logical name of the Post-Log Merge task.
- *job\_name* is the job name under which the Post-Log Merge task runs.
- *system\_name* is the system on which the job runs.
- *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 *post\_log\_merge\_task\_name* (jobname *job\_name* on system *system\_name*), RC=*return\_code*, RSN=*reason\_code***

**Explanation:** The PowerExchange Logger for z/OS received a response to a signon request, but the return code and reason code indicate that the signon request failed. The PowerExchange Logger sent the signon request to the Post-Log Merge task because the PowerExchange Logger either determined during initialization that the Post-Log Merge task was active or discovered that the Post-Log Merge task had just joined the cross-system coupling facility (XCF) group.

This message includes the PowerExchange Logger ID, the task name for the Post-Log Merge task, the job name under which the Post-Log Merge task runs, and the system on which the Post-Log Merge task runs. The message also includes the return code and 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:** Determine the reason for the PowerExchange Logger error in processing the SIGNON request. To diagnose the error, review the messages that were issued by the Post-Log Merge task. If the PowerExchange Logger cannot complete initialization because of the reported problem, you might need to restart either the Post-Log Merge task or PowerExchange Logger. If you cannot diagnose and correct the problem, contact Informatica Global Customer Support.

<b>PWXEDM172550I</b>	<b><i>number_of_eccrs</i> Active ECCRs (Writers). Logger is currently {quiesced not quiesced}</b>
Explanation:	<p>This message is issued in response to a PowerExchange Logger for z/OS DISPLAY command for writer connections. It reports the number of active ECCRs that are currently connected to the PowerExchange Logger. Type 1 ECCRs that are not connected to the PowerExchange Logger are not counted, even though they are included in the Writer Connection report.</p> <p>The message also reports whether the PowerExchange Logger is quiesced or not 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.</p>
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172551E</b>	<b>ADD {BgnUOW   Phase 1   Phase 2} operation for UOW <i>logger_uow_ID</i> to GBLXCFQCB failed. RC=<i>return_code</i> RSN=<i>reason_code</i>.</b>
Explanation:	The PowerExchange Logger for z/OS attempted the specified ADD operation for the UOW but failed to add information to the GBLXCFQCB internal queue. The operation failed with the specified return code and reason code.
System Action:	The PowerExchange Logger ends abnormally.
User Response:	Review any associated messages. If you need assistance in diagnosing and correcting the problem, contact Informatica Global Customer Support.
<b>PWXEDM172552I</b>	<b>Logger <i>logger_id</i> is now quiesced - Post-Log Merge task <i>xcf_member_name</i> (jobname <i>job_name</i> on system <i>system_name</i>) notified</b>
Explanation:	<p>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).</p> <p>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.</p> <p>The name of the PowerExchange Logger (<i>logger_id</i>), the name of the Post-Log Merge task (<i>xcf_member_name</i>), the job name under which the Post-Log Merge task is executing (<i>job_name</i>), and the system on which it is executing (<i>system_name</i>) are all included in the text of the message.</p>
System Action:	Processing continues.
User Response:	No response is required.



**PWXEDM172553E    Logger *logger\_ID* attempt to {quiesce|resume} failed with RC=*return\_code*, RSN=*reason\_code***

Explanation:        The PowerExchange Logger for z/OS attempted to send a quiesce (QUIESCL) or resume (RESUMEL) command to the Post-Log Merge task, but the PUT operation to the cross-system coupling facility (XCF) failed.

This message text includes the PowerExchange Logger ID, the type of command, the return code, and the reason code. The return code and reason code are generated in EDMXXCF and are not currently documented.

System Action:      Processing continues.

If a quiesce command was issued, the PowerExchange Logger is not quiesced. The Post-Log Merge task continues to merge data from this PowerExchange Logger, even if no new user data is being logged.

If a resume command was issued, the PowerExchange Logger remains in the quiesced state. ECCRs that try to connect to the PowerExchange Logger are delayed because they will not get a response to a signon request until the problem is resolved.

User Response:      Determine the reason for the failure in the PUT operation. Use the appropriate operating system documentation. Also, review any other messages that have been issued in conjunction with this problem or that have been issued by the corresponding Post-Log Merge task. To resolve the problem, you might need to restart either the Post-Log Merge task or 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.PRILOG.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.

**PWXEDM172558I    Logger configuration parameters:**

```
Loaded from .....: user_library
Last update at .....: timestamp
Last update by .....: user_id
DEFINE
LOGGER_TITLE .....: logger_title
SYSTEM_OPTIONS
system_options
ARCHIVE_OPTIONS
archive_options
LOGGING_OPTIONS
logging_options
```

Explanation: This message lists the configuration parameters that were used to define the PowerExchange Logger. The message includes identifying information, such as the USERLIB, LOGGER\_TITLE, and the user ID and timestamp when the logger was last updated. The message displays the following system options that were used to configure the PowerExchange Logger:

- **LOGGER\_NAME.** The PowerExchange Logger ID.
- **START\_TRACE.** Y or N to indicate whether the Logger trace is active. For the trace output to be received, the EDMTRACE DD statement must be in the Logger JCL.
- **CHKPT\_FREQUENCY.** The number of log records to process before taking a checkpoint.
- **TIMER\_INTERVAL.** Frequency of the Logger internal management operations, such as freeing unused virtual storage or detecting inactive tasks that need to be posted.
- **TIME\_CHKPT\_FREQ.** Frequency of time-based checkpoint records are created in a Post-Log Merge environment. This parameter is used only when running Post-Log Merge.
- **SUFFIX.** The unique suffix for a member in a Post-Log Merge group.

The message displays the following archive options that were used to configure the PowerExchange Logger:

- **PREFIX\_COPY1.** The prefix for the first archive log data set name.
- **PREFIX\_COPY2.** The prefix for the second archive log data set name.
- **ARCHIVE\_RTPD.** The number of days to retain the first archive log data set.
- **ARCHIVE\_RTPD2.** The number of days to retain the second archive log data set. This parameter is used if the interval is different than ARCHIVE\_RTPD.
- **ARCHIVE\_UNIT.** The device type or unit name of the device used to store the archive log data set.
- **ARCHIVE\_UNIT2.** The device type or unit name of the device used to store the second archive log data set. This parameter is used if the unit is different than ARCHIVE\_UNIT.
- **ARC\_UNIT\_CNT.** The number of DASD units to use for archiving.
- **ARCHIVE\_STCL.** The SMS storage class name of the first archive log data set.
- **ARCHIVE\_STCL2.** The SMS storage class name of the second archive log data set.
- **ARCHIVE\_MGCL.** The SMS management class name of the first archive log data set.
- **ARCHIVE\_MGCL2.** The SMS management class name of the second archive log data set.
- **ARCHIVE\_DACL.** The SMS data class name of the first archive log data set..

- ARCHIVE\_DACL2. The SMS data class name of the second archive log data set.
- SPACE\_ALLOC. The unit type in which the primary and secondary spaces are allocated.
- PRIME\_SPACE. The primary space allocation for DASD data sets in the unit type specified by SPACE\_ALLOC.
- SEC\_SPACE. The secondary space allocation for DASD data sets in the unit type that you specify in SPACE\_ALLOC.
- ARCHIVE\_BLKSIZE. The block size of the archive log data set.

The message displays the following logging options that were used to configure the PowerExchange Logger:

- LOG\_INBUF. The number of 4-KB buffers used for reading the active and archive logs.
- LOG\_OUTBUF. The size, in 4-KB buffers, of the output buffer that the PowerExchange Logger uses for writing the active and archive log data sets.
- ACTIVE\_LOG\_MODE. Whether the PowerExchange Logger writes to one (SINGLE) or two (DUAL) active log data sets at a time.
- ARCHIVE\_LOG\_MODE. Whether the PowerExchange Logger writes to one (SINGLE) or two (DUAL) archive log data sets at a time. The PowerExchange Logger generates archive logs when the active log is off-loaded.
- ERDS\_LOG\_MODE. Whether the PowerExchange Logger writes to one (SINGLE) or two (DUAL) restart data sets (ERDS) at a time.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172563E ADD TERMECCR for Writer *eccr\_name* to GBLXCFQCB failed RC=*return-code* RSN=*reason-code*.**

Explanation: The PowerExchange Logger for z/OS attempted the specified ADD TERMECCR operation for the ECCR writer but failed to add the TERMECCR to the GBLXCFQCB internal queue. The operation failed with the specified return code and reason code.

System Action: The PowerExchange Logger ends abnormally.

User Response: Review any associated messages. If you need assistance in diagnosing and correcting the problem, contact Informatica Global Customer Support.

**PWXEDM172564E DEL UOW *logger\_uow\_id* from GBLOUWQCB failed. RC=*return-code* RSN=*reason-code*.**

Explanation: The PowerExchange Logger for z/OS attempted a DEL UOW operation for the UOW but failed to delete the UOW from the GBLOUWQCB internal queue. The operation failed with the specified return code and reason code.

System Action: The PowerExchange Logger ends abnormally.

User Response: Review any associated messages. If you need assistance in diagnosing and correcting the problem, contact Informatica Global Customer Support.

**PWXEDM172571I Immediate command received: *command***

Explanation: The PowerExchange Logger recognized command input as an immediate command.

System Action: The command runs.

User Response: No response is required.

**PWXEDM172572I    Input commands accepted, execution starts**

Explanation:        The PowerExchange Logger for z/OS 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    command execution aborted due to syntax errors**

Explanation:        The command that the PowerExchange Logger for z/OS read from the SYSIN file for a batch job contained syntax errors.

System Action:      The PowerExchange Logger does not run the command.

User Response:      Identify and correct the syntax errors in the command set. For more information, see the more specific message that precedes this one.

**PWXEDM172574W    command set and/or input block flushed**

Explanation:        A PowerExchange Logger for z/OS command set was entered incorrectly.

System Action:      The PowerExchange Logger does not run the command set.

User Response:      Identify and correct the command error. For more information, see the more specific message that precedes this one.

**PWXEDM172575E    *logger\_command* command for userid (task sequence\_number) abended abend\_code**

Explanation:        The PowerExchange Logger for z/OS command for the specified user ID ended abnormally. The message includes the Logger-assigned internal task sequence number and the abend code for troubleshooting purposes.

System Action:      The subtask ends.

User Response:      Collect all available information about the abend. Then contact Informatica Global Customer Support.

**PWXEDM172576I    *logger\_command* command for userid (task sequence\_number) complete RC=return\_code**

Explanation:        The PowerExchange Logger for z/OS command for the specified user ID and task completed with the specified return code.

System Action:      The task ends.

User Response:      Use the return code and the associated message output to determine whether the command completed successfully.

**PWXEDM172577I    *logger\_command* command for userid (task sequence\_number) in progress**

Explanation:        A PowerExchange Logger for z/OS task is processing the specified command. The message includes the user ID associated with the command and task sequence number.

System Action:      Processing continues.

User Response:      Wait for the command to complete.

**PWXEDM172578I**    *number\_of\_records* Change records logged, comprising *number\_of\_UOWs* UOWs.  
Current\_RBA=*rba*, Current time=*timestamp*

Explanation:        This message reports the number of records and UOWs captured during the current execution of the PowerExchange Logger for z/OS. 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.

**PWXEDM172579I**    *log\_reader\_name starting\_sequence\_number hh:mm:ss.thyyyy/*  
*dddsysplex\_namefunction\_name*

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:

- The name of one log reader (*log\_reader\_name*)
- The sequence number at which that log reader started reading (*starting\_sequence\_number*)
- The date and time that are equivalent to that starting sequence number (*hh:mm:ss.thyyyy/ddd*)
- 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 DTLEDM172580I 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 Logger : *logger\_ID* has been deleted**

Explanation: A request to delete the specified PowerExchange Logger for z/OS instance is complete.

System Action: Processing continues.

User Response: No response is required.

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

Explanation: The PowerExchange Logger for z/OS finished building the specified Logger internal master control block.

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 EDMPARMS DD statement is missing**

Explanation: The required EDMPARMS DD statement is not in the PowerExchange Logger for z/OS JCL.

System Action: The PowerExchange Logger address space ends abnormally.

User Response: Add an EDMPARMS DD statement to the JCL. Then run the Logger job again.

**PWXEDM172588E EDMZPARM module could not be loaded**

Explanation: An error occurred when the PowerExchange Logger for z/OS tried to open the data set specified by the EDMPARMS DD statement and then either load the EDMUOPT0 member from that data set or load the default options EDMCOPT0 member from the STEPLIB.

System Action: The PowerExchange Logger address space ends abnormally.

User Response: Enter a valid EDMPARMS DD statement in the job step. Then restart the PowerExchange Logger.

**PWXEDM172589E EDMPARMS DD statement is invalid**

Explanation: The EDMPARMS DD statement in the PowerExchange Logger for z/OS JCL must point to a single load library. However, the DD statement is concatenated or points to a data set that is not a load library. Also, the DD data set must be allocated with the DSORG=PO and RECFM=U parameters.

System Action: The PowerExchange Logger address space ends abnormally.

User Response: Enter a valid EDMPARMS DD statement that specifies a load library name in the job step. Then restart the PowerExchange Logger.

**PWXEDM172590W {Reader|Writer} identifier disconnected from logger *logger\_ID*, RC=*return\_code*, RSN=*reason\_code***

Explanation: A log reader or writer tried to connect to the PowerExchange Logger for z/OS but a connection error occurred. A writer, which can be an ECCR, provides the change data to be logged. A reader reads the logged data.

The message text includes the reader or writer identifier, the PowerExchange Logger ID, and the return code and reason code for the error.

System Action: The PowerExchange Logger sends a negative response to the signon request of the reader or writer, which typically results in a failure of the reader or writer process.

User Response: To determine the reason for the failure of the signon request, review related messages and the appropriate operating system documentation. You might need to restart the log reader or change capture process if it failed as a result of the connection refusal. If you cannot correct the problem, contact Informatica Global Customer Support.

**PWXEDM172591I Reader *identifier* data transfer {starts|ends} at *log\_RBA***

Explanation: The PowerExchange Logger for z/OS received a request from the specified log reader to either start or end transferring data at the specified log RBA. The message reports the start of data transfer when a log reader connects to the PowerExchange Logger. The message reports the end of data transfer when the log reader specifies a log location at which to stop receiving data.

System Action: Processing continues.

User Response: No response is required.



**PWXEDM172592I    Reader *identifier* data transfer ended. *number\_of\_records* records selected, *number\_of\_records* records filtered.**

Explanation:        The PowerExchange Logger for z/OS completed the data transfer to the specified log reader. The message includes the number of change records that the PowerExchange Logger selected for the data transfer and the number of change records that the PowerExchange Logger filtered out. The PowerExchange Logger filters out change records based on the resource interest list of EDMNAMES from the log reader. If the log reader does not provide a resource interest list, the PowerExchange Logger does not filter change records and the message reports 0 as the number of records filtered.

The PowerExchange Logger also writes message PWXEDM172791I to the EDMMSG data set. This message indicates the number of source objects 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.

**PWXEDM172593I    Restart in progress using checkpoint at RBA=*log\_location***

Explanation:        This message reports the checkpoint position in the logs that the PowerExchange Logger for z/OS is using for restart processing.

System Action:      The PowerExchange Logger searches for the checkpoint at the specified RBA location in the log data set. Processing continues.

User Response:      No response is required.

**PWXEDM172594I    Begin log forward restart processing at RBA=*log\_location***

Explanation:        The PowerExchange Logger for z/OS completed searching for the restart checkpoint in the current active log and will begin processing data forward from the specified log RBA.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172595I    Begin recording at RBA=*log\_location*.**

Explanation:        The PowerExchange Logger for z/OS finished processing the current active log and will begin recording at the specified log RBA location.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172596W    Logger waiting for {reader|ECCR} Client (*job\_name*) to end**

Explanation:        An MVS STOP (P) command was issued with the QUIESCE option to the PowerExchange Logger for z/OS. The PowerExchange Logger waits for log reader tasks to complete before beginning shutdown processing.

System Action:      The PowerExchange Logger will shut down.

User Response:      No response is required.

**PWXEDM172597I    Reader {initialized|ended} *reader\_ID* at *date time*, RC=*return\_code*, RSN=*reason\_code***

Explanation:        The PowerExchange Logger for z/OS initiated or ended the specified log reader at the date and time given. The message includes the return code and reason code from this operation.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172599W DELETE=YES was specified for *loggerid* logger options which do not exist – request ignored**

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.

**PWXEDM172602E GENCB BLK=VSAM\_control\_block failed with RC return\_code and RSN reason\_code for DDNAME ddname**

Explanation: A PowerExchange Logger for z/OS internal VSAM GENCB operation failed and returned the specified return code in R15 and the specified reason code in R0. The *VSAM\_control\_block* value is either RPL or ACB.

System Action: If the VSAM GENCB operation ran against the JOURNAL or TRACE file, the PowerExchange Logger suspends VSAM file processing. If the GENCB operation was for a DEFINE\_LOG command, the PowerExchange Logger ends the command. In other situations, the PowerExchange Logger ends.

User Response: Check the VSAM file definitions for any errors. Then run the job again.

**PWXEDM172603E VSAM macro failed RC return\_code and FDBK code for DDNAME ddname**

Explanation: A PowerExchange Logger for z/OS internal VSAM macro operation failed. This message includes the return code and feedback code that was captured by the SHOWCB macro.

System Action: If the VSAM operation ran against the JOURNAL or TRACE file, the PowerExchange Logger suspends VSAM file processing. If the operation was for a DEFINE\_LOG command, the PowerExchange Logger ends the command. In other situations, the PowerExchange Logger ends.

User Response: To determine the cause of the error, check the appropriate VSAM manual for an explanation of the return code and feedback code. Then 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    Logger internal MODCB for {ACB|RPL} failed with RC=*return\_code*, and RSN=*reason\_code* for DDNAME *ddname***

Explanation:        The PowerExchange Logger for z/OS internal VSAM MODCB operation failed and returned the specified return code in R15 and the specified reason code in R0.

System Action:      If the VSAM operation ran against the JOURNAL or TRACE file, the PowerExchange Logger suspends VSAM file processing. If the operation was for a DEFINE\_LOG command, the PowerExchange Logger ends the command. In other situations, the PowerExchange Logger ends.

User Response:      Check the VSAM file definitions. Then correct any errors 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    *number* 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 *number*.

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.

**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.

**PWXEDM172619W *logger\_task\_name* primary and secondary archive allocation increased by 25**

Explanation: A system abend SB37 occurred during the archive log allocation process because of insufficient space. The task identified by *logger\_task\_name* was running when the space problem occurred. The PowerExchange Logger for z/OS increased the primary and secondary space by 25.

System Action: Processing continues.

User Response: To prevent the SB37 system abend from recurring, increase the values of the primary and secondary space parameters in the ARCHIVE\_OPTIONS statement of the EDMUPARM options module.

**PWXEDM172620E Open/Write error attempting to post function to the *globalq* RC=*return\_code* RSN=*reason\_code***

Explanation: An error occurred while attempting to post a function to the global queue for the edmlllg0 module.

System Action: The PowerExchange Logger ends abnormally.

User Response: Restart the PowerExchange Logger and contact Informatica Global Customer Support.

**PWXEDM172622E Logger *logger\_ID* not found.**

Explanation: The DEFINE function failed to find the specified PowerExchange Logger for z/OS identifier in the EDMUPARM options module. The DEFINE function skips this PowerExchange Logger and continues processing.

User Response: Edit the EDMUPARM options module to include a valid PowerExchange Logger ID. Then run the job again.

**PWXEDM172623W    Logger was unable to allocate TRACE data set, tracing suspended**

Explanation:            The PowerExchange Logger for z/OS failed to allocate the trace data set.

System Action:        Processing continues but tracing is suspended.

User Response:        To diagnose the error, check allocation error messages that precede this message. Then, correct the allocation problem if possible.

**PWXEDM172624W    Module EDMUPARMS not found in EDMPARMS library, default EDMZPARM will be used**

Explanation:            The PowerExchange Logger for z/OS EDMUPARMS options module was not found in the EDMPARMS library.

System Action:        The system loads the default module, EDMZPARM, into memory.

User Response:        Check the EDMPARMS library for the EDMUPARM member. If you need to create the EDMUPARM member, see the *PowerExchange Installation and Upgrade Guide*.

**PWXEDM172625W    Logger trace I/O error tracing facility temporarily suspended(*internal\_error\_code*)**

Explanation:            The PowerExchange Logger for z/OS failed to READ or WRITE the trace data set because of an I/O error.

System Action:        Processing continues but tracing is suspended.

User Response:        To diagnose the error, check the error messages that precede this message. Then correct the I/O problem, if possible.

**PWXEDM172626I    INTERNAL trace status is {ACTIVE|INACTIVE}**

Explanation:            This message specifies whether an internal trace status is active or inactive for the PowerExchange Logger.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM172627E    Required *statement\_name* DD statement missing**

Explanation:            The PowerExchange Logger for z/OS DEFINE\_LOG function failed to locate a required DD statement in the JCL. This message specifies the missing DD statement.

System Action:        The DEFINE\_LOG function ends abnormally.

User Response:        Add the missing DD statement to the JCL. Then run the job again.

**PWXEDM172628E    *condition* invalid format for *ddname* data set**

Explanation:            The PowerExchange Logger for z/OS failed because an invalid condition was detected for the emergency restart data set (ERDS) defined by the specified DD in the Logger JCL. In the message text:

- *condition* is one of the following values: SYSOUT/SYSIN, NULL FILE, or TEMPORARY.
- *ddname* is either ERDS01 or ERDS02.

System Action:        The PowerExchange Logger ends abnormally.

User Response:        Ensure that the ERDS01 and ERDS02 DD statements in the JCL specify valid data sets. Then run the job again.

**PWXEDM172629E RDJFCB failed for *ddname* data set**

Explanation: The PowerExchange Logger for z/OS internal DEFINE\_LOG function failed because the RDJFCB macro returned an invalid return code for the specified emergency restart data set (ERDS). In the message text, *ddname* is either ERDS01 or ERDS02.

System Action: The DEFINE\_LOG function ends abnormally.

User Response: Verify that the DD statements for the ERDS01 and ERDS02 data sets are correctly specified in the PowerExchange Logger JCL. Then run the job again.

**PWXEDM172630E *ddname* active log data set record is full**

Explanation: A PowerExchange Logger for z/OS DEFINE\_LOG command cannot insert additional log definitions into the emergency restart data set (ERDS) because the log data set is full. In the message text, *ddname* is the DDNAME of the full log data set.

System Action: 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 ERDS. Examine the dump to determine the current status of the ERDS. Then, correct the problem and run the job again.

**PWXEDM172631E DSNNAME already exists in ERDS *ddname***

Explanation: A DEFINE\_LOG command was entered 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 DD 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.

System Action: The DEFINE\_LOG command ends.

User Response: Either correct the data set name in the command 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 Logger restart data set ERDS01 is empty**

Explanation: The PowerExchange Logger for z/OS requires at least one emergency restart data set (ERDS) to operate. The primary data set that is allocated by the ERDS01 DD statement in the PowerExchange Logger JCL is empty.

System Action: The PowerExchange Logger ends abnormally.

User Response: Ensure that the ERDS01 DD statement in the PowerExchange Logger JCL specifies a valid restart data set. Then run the job again.

**PWXEDM172633E Logger restart data set ERDS02 is empty**

Explanation: The PowerExchange Logger for z/OS requires at least one emergency restart data set (ERDS) to operate. The dual data set allocated to ERDS02 is empty.

System Action: Processing continues with only the primary ERDS.

User Response: Check the PowerExchange Logger ERDS02 DD statement in the PowerExchange Logger JCL to verify that it specifies a valid restart data set that exists.

**PWXEDM172634W *dataset\_name* timestamp mismatch. ERDS01 *hex\_timestamp* ERDS02 *hex\_timestamp*. Processing continues.**

Explanation: The PowerExchange Logger for z/OS detected a timestamp mismatch between the primary and secondary emergency restart data sets (ERDSs) that are specified in the Logger JCL.

System Action: Processing continues with only one ERDS.

User Response: Check the PowerExchange Logger ERDS01 and ERDS02 DD statements in the JCL to verify that the correct secondary ERDS was specified and exists. Also, ensure that the ERDS data sets have the same timestamp.

**PWXEDM172635E Error building ERDS $n$  COPY $n$  control blocks**

Explanation: The PowerExchange Logger for z/OS was unable to build the specified internal log control block for the emergency restart data set (ERDS).

System Action: The task ends abnormally with user abend code U3035 and reason code X'FFFF00xx'.

User Response: Get the job step listing. Then contact Informatica Global Customer Support.

**PWXEDM172636E Logger could not find LogRBA=end-of-log\_RBA in any log data set. Highest LogRBA found is RBA**

Explanation: The PowerExchange Logger for z/OS log manager tried to find the end-of-log RBA, which is the highest RBA recorded in the emergency restart data set (ERDS). However, this RBA cannot be found in any log data set. The message reports the highest RBA that the log manager found.

System Action: The task ends abnormally with a user abend code U3035.

User Response: The most likely cause of this error is that a DELETE\_LOG command deleted the log data set that contains the end-of-log RBA from the ERDS. If the log data set has not been reused, run the DEFINE\_LOG command to add the log data set back to the ERDS. Then restart the PowerExchange Logger.

**PWXEDM172637E Restart Log Manager unable to initialize restart\_ddname**

Explanation: The PowerExchange Logger for z/OS was unable to initialize the emergency restart data set that is allocated by the specified DD name. The ddname is either ERDS01 or ERDS02.

System Action: The task ends abnormally with user abend code U3035 and reason code X'FFFF00xx'.

User Response: Verify that you specified the correct PowerExchange Logger emergency restart data sets in the JCL. If the problem persists, get the job step listing. Then contact Informatica Global Customer Support.

**PWXEDM172638I ERDS System Timestamp = date time**

Explanation: This message reports the system timestamp for the PowerExchange Logger for z/OS emergency restart data set (ERDS).

System Action: Task processing continues.

User Response: No response is required.

**PWXEDM172639I Active log Copy  $n$  is data\_set\_name for RBA range start\_rba-end\_rba**

Explanation: At initialization, the PowerExchange Logger for z/OS 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 PowerExchange Logger continues running.

User Response: No response is required.

**PWXEDM172640E Logical Logger unable to obtain new internal log buffer**

- Explanation: The logical PowerExchange logger was unable to get a new buffer to continue logging operations.
- System Action: The task ends abnormally with user abend code U3035 and reason code X'F9FF00xx'.
- User Response: To determine the cause of the problem, check the JES2 log for previous messages from the physical PowerExchange logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172641E 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.
- System Action: The task ends abnormally with user abend code U3035 and reason code X'F9FF00xx'.
- User Response: Complete a PowerExchange Logger trace by using the TRACE command. Get the trace file and job step listing. Then contact Informatica Global Customer Support.

**PWXEDM172642E Log allocation error DSName=*dsname*, error status=*reason\_code***

- Explanation: The PowerExchange physical logger encountered an error while attempting to allocate the active or archive log data set with the specified data set name. The *status* value is the error reason code that the MVS dynamic allocation returns. The log manager response to the error depends on the type of data set involved.

For active log data sets, the following results can occur:

- 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: The user response depends on the type of data set involved and the type of error that occurred.

If you were allocating active log data sets and the problem occurred during initialization, resolve the problem by performing one of the following actions:

- Resolve the error associated with the active log data set as indicated by the reason code.
- Provide another copy of the active log by using IDCAMS.
- Update the emergency restart data set (ERDS) with the PowerExchange Logger batch utility.
- Restart the PowerExchange Logger.

If you were allocating archive log data sets, respond as follows:

- 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) might eventually cause the available space in the active log to be exhausted (DSNJ111E). If the active log becomes full, all future off-loads fail because of 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. In this case, perform the following tasks:
  - Determine the cause of the problem by using the appropriate MVS system messages and codes. Then correct those problems.
  - Use the batch command DELETE\_LOG to delete the archive log data set from the ERDS 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=return\_code RSN=reason\_code from {DSPSERV|HSPSERV} {CREATE|SREAD|DELETE|RELEASE} macro for LOG log\_dataset\_name**

**Explanation:** The PowerExchange physical logger received an invalid return code from an internal macro for the specified log data set.

**System Action:** The task ends abnormally with user abend code U3035 and reason code X'F9FF00xx'.

**User Response:** Identify the z/OS data in the virtual (DIV) macro that is causing the problem. If necessary, correct it.

**PWXEDM172644E Physical Logger received a RC=return\_code, RSN=reason\_code, from DIV macro macro for log ddname**

**Explanation:** The PowerExchange physical logger received an invalid return code from the specified internal MVS data in the virtual (DIV) macro for the specified log. The reason code indicates why the DIV macro processing cannot continue.

**System Action:** The task ends abnormally with user abend code U3035 and reason code X'F9FF00xx'.

**User Response:** To identify the z/OS data in the virtual (DIV) macro that is causing the problem, look up 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 encountered 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.

**User Response:** See the appropriate z/OS documentation for a description of the HSPSERV reason codes. Also, correct the log marked as STOPPED by deleting it with the DELETE\_LOG command and then reallocating it. Afterwards, run the job again.

**Note:** A log that has a status is STOPPED is not usable.

**PWXEDM172646E Physical Logger initialization failed for DSName=*dsname*, LogRBA=*log\_RBA***

Explanation: The PowerExchange physical logger encountered an error during initialization of the active log data set that has the specified data set name.

System Action: The PowerExchange Logger truncates the current active log and tries to switch to the next active log data set.

User Response: To determine the cause of the error, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172647E Physical Logger termination failed for DSName=*dsname*, LogRBA=*log\_RBA*.**

Explanation: The PowerExchange physical logger encountered an error during termination of the active log data set that has the specified data set name.

System Action: The PowerExchange Logger truncates the current active log.

User Response: To determine the cause of the error, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172648E 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 the current run.

System Action: Processing ends abnormally with abend code U3035 and reason code X'00F9FF02'.

User Response: To determine the cause of the error, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172649I Logger Offload handler will attempt to continue with active log copy 2**

Explanation: The PowerExchange Logger offload handler was unable to allocate copy1 of the active log data set. If dual active logging is in effect, the PowerExchange Logger offload handler tries to continue by switching to copy 2 of the active log data set.

System Action: If the attempt to switch to copy 2 fails or if dual active logging is not in effect, the PowerExchange Logger ends the offload process.

User Response: To determine the cause of the problem, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172650E Logger Offload terminated for DSName=*dsname*, RSN=*reason\_code***

Explanation: The PowerExchange Logger offload handler terminated because it was unable to archive the specified active log data set. The *reason\_code* indicates the cause of the termination and can be one of the following values:

- **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 by using the DIV IDENTIFY macro.
- **03.** The PowerExchange Logger was unable to access the active log data set by using the DIV ACCESS macro.

- **04.** The PowerExchange Logger was unable to map the active log data set by 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 offload 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, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172651E Log unallocation error DSName=*dsname*, error status=*reason\_code***

Explanation: The PowerExchange physical logger encountered a log unallocation error for the specified active or archive log data set. This message reports the reason code returned by MVS dynamic allocation (SVC99).

System Action: If this message is from the offload handler, the PowerExchange Logger ends the archive process.

User Response: To determine the cause of the error, look up the appropriate MVS system messages and codes. Then, correct the cause of the allocation failure and enter the command again.

**PWXEDM172652E Logger internal DEFINE\_LOG command failed for DSNAME=*dsname***

Explanation: The PowerExchange Logger offload processor encountered an error while attempting to update the PowerExchange Logger emergency restart data set (ERDS) with the new archive data set information.

System Action: The PowerExchange Logger ends the offload process. If the error is from the offload handler, the PowerExchange Logger ends the archive process.

User Response: To determine the cause of the problem, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172653E Logger log read error DSName=*dsname*, LogRBA=*log\_RBA*, RC=*return\_code***

Explanation: The PowerExchange Logger offload processor encountered an error while attempting to read the specified active log data set.

System Action: If the error occurred during the offload process, the offload processor tries to read the RBA range from a second copy.

- If a second copy does not exist, the offload 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 offload. 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 offload processor does not stop the first copy.

If the error occurred during restart, the PowerExchange Logger ends. A restart requires all copies of the active log data set to be available to the PowerExchange Logger.

If the active log data set has been stopped and is no longer used for logging, the data set is not deallocated. The PowerExchange Logger continues to use it for reading.

User Response: Check the system messages, such as IEC prefixed messages. Try to resolve the problem by using the recommended actions in those messages.

Alternatively, 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 emergency restart data set (ERDS) of the new archive log and log RBA range.

**Note:** When you receive this message, the data set can be stopped or not stopped. In either case, replace any active log data set that gives persistent errors of this type.

**Warning:** Repairing the stopped active log does not solve this problem because the offload processor does not go back to unload the stopped log. You must run the offload process and reestablish a valid active log.

**PWXEDM172654I EOD reached in log *log\_id* at RBA=*log\_location*.**

Explanation: The PowerExchange Logger for z/OS log-read processor reached the EOD position in the specified log at the RBA location.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172656E Logger unable to process log truncation request for reason *reason\_code***

Explanation: The PowerExchange Logger physical logger encountered an internal error while attempting to truncate the current active log. While processing the ARCHIVE\_LOG command, the PowerExchange Logger physical logger routine received an internal request to force-write the log buffer and to truncate the active log and switch to the next available active log data set.

This error might have been caused by an unrelated abend in the PowerExchange physical logger, a STOP MODE=FORCE command, or an abnormal subsystem termination. The *reason\_code* can be one of the following values:

- **04.** The end of current active log operation failed.
- **08.** The new active log operation could not be determined.

System Action: The PowerExchange Logger stops processing the command.

User Response: To diagnose the error, look up the messages and abends that precede this message. 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 Logger asynchronous log archive subtask initiated**

Explanation: In response to an ARCHIVE\_LOG command, the PowerExchange Logger started an asynchronous task to archive (offload) the active log data set. The PowerExchange Logger truncates the current active log data set, switches to the next available active log data set, and initiates the asynchronous offload task to archive the active log data set.

**Note:** The term *asynchronous* indicates that control returns to the invoker as soon as the offload task starts.

System Action: The PowerExchange Logger command processor accepts and processes any PowerExchange Logger commands while the offload task is running. If you use the MODE(QUIESCE) option with the ARCHIVE\_LOG command, the system displays message PWXEDM172658I.

User Response: Follow normal operational procedures when the offload task begins.

<b>PWXEDM172658I</b>	<b>Logger ARCHIVE_LOG QUIESCE command ended. Logger capture activity is now resumed</b>
Explanation:	The PowerExchange Logger processed an ARCHIVE_LOG command with the MODE QUIESCE option. As part of MODE QUIESCE processing, the PowerExchange Logger stopped all 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 period and the resumption of normal PowerExchange Logger activity.
System Action:	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.
<b>PWXEDM172659I</b>	<b>Logger ARCHIVE_LOG command is already in progress</b>
Explanation:	An attempt to issue an ARCHIVE_LOG command was made while another ARCHIVE_LOG command was already in progress. The system continues processing the first ARCHIVE_LOG command and ignores the second command.
User Response:	No response is required.
<b>PWXEDM172660I</b>	<b>Logger ARCHIVE_LOG command terminated. Current active log data set is the last available</b>
Explanation:	The PowerExchange Logger for z/OS rejected the ARCHIVE_LOG command because the current active log is the last available active log data set.
System Action:	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:	Take the steps required to complete other waiting offload tasks. After you make another active log available (reusable) by completing the offload process for that log, command processing for the current active log can proceed.
<b>PWXEDM172661I</b>	<b>ARCHIVE_LOG done for <i>data_set_name</i>. RBA range <i>start_rba</i> - <i>end_rba</i>, Time range <i>start_timestamp</i> - <i>end_timestamp</i></b>
Explanation:	<p>The PowerExchange Logger for z/OS 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 <i>start_rba</i> and <i>end_rba</i> values indicate the starting and ending relative byte addresses for the archive data set, and the <i>start_timestamp</i> and <i>end_timestamp</i> values indicate the time range.</p>
User Response:	No response is required.
<b>PWXEDM172662E</b>	<b>Logger was unable to {ADD   DELETE   FIND} UOW <i>uow_ID</i> to internal table</b>
Explanation:	When the PowerExchange physical logger received a begin UOW record for the specified unit of work (UOW), it could not add, delete, or find the UOW in the internal table.
System Action:	The PowerExchange Logger ends.
User Response:	To determine the cause of the error, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172663I    Logger received *sync\_record\_type* record without corresponding begin\_UOW record for UOW *uow\_ID***

Explanation:        The PowerExchange physical logger received a begin\_sync\_PH1, begin\_sync\_PH2, or end\_sync\_PH2 record for the specified UOW. However, a begin UOW record does not exist for this UOW. The PowerExchange Logger requires a begin\_UOW record before it can recognize a begin\_sync or end\_sync record.

System Action:      The PowerExchange Logger ignores the sync record for this UOW and continues processing.

User Response:      To determine the cause of the error, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172664E    Logger *operation\_type* operation for Queue *queue\_name* failed for entry *entry\_value* with RC=*return\_code*, RSN=*reason\_code***

Explanation:        The PowerExchange Logger for z/OS detected that an operation on an internal table failed. This message reports the operation type, the queue name of the internal table, the entry that was being processed, the return code, and the reason code.

In this message text, *operation\_type* is one of the following values:

- ADD
- DELETE
- FIND

The *queue\_name* is GBLCHKQCB.

System Action:      The PowerExchange Logger ends abnormally.

User Response:      To determine the cause of the failure, check the JES2 log for previous messages from the PowerExchange Logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172665E    Physical Reader *operation\_type* failed for DSName=*dsname*, LogRBA=*log\_RBA***

Explanation:        The physical reader encountered an error during an operation on the specified archive data set. The *operation\_type* is one of the following values:

- Initialization
- Termination
- Get buffer
- Unallocation

System Action:      The PowerExchange Logger ends the current archive extraction process.

User Response:      To determine the cause of the problem, check the JES2 log for previous messages from the PowerExchange physical logger. If the problem persists, get the job step listing and contact Informatica Global Customer Support.

**PWXEDM172666I    Logger has determined that XCF is operating in local mode only**

Explanation:        The PowerExchange Logger for z/OS determined that the cross-system coupling facility (XCF) is operating in local mode only. Local mode limits signaling and communications to the CPU.

System Action:      Processing continues.

User Response: No response is required.

**PWXEDM172667E Reader *operation\_type* failed for *lrp\_client*. RSN=*reason\_code*, RC=*return\_code***

Explanation: A log reader operation failed for the specified log read processor (LRP) client.

In this message, *operation\_type* is one of the following values:

- **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 ends abnormally.

User Response: Use the reported reason code and return code to determine the cause of the problem. Correct the problem and then restart the PowerExchange Logger and run the job again. If the problem persists, collect all available information about the error and contact Informatica Global Customer Support.

**PWXEDM172668I {Reader|Writer} *identifier* connected**

Explanation: A log reader or writer requested to connect to the PowerExchange Logger for z/OS instance.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172669I {Reader|Writer} *identifier* disconnected from Logger *logger\_ID*, RSN=*reason\_code*, RC=*return\_code***

Explanation: A log reader or writer disconnected from the PowerExchange Logger for z/OS. A writer can be an ECCR, and a reader is a process that reads the logs.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172670I Client *client\_identifier* started**

Explanation: The log reader or writer client has started.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172671I Client *client\_identifier* job\_status**

Explanation: This message reports the status of a log reader or writer job. In this message, *job\_status* is one of the following values:

- ended successfully
- end data transfer
- ended abnormally

System Action: Processing continues.

User Response: If the job ended successfully or data transfer ended, no response is required. If the job ended abnormally, check the JES2 log for previous messages from the PowerExchange Logger. Then correct the problem and resubmit the job. Contact Informatica Global Customer Support if necessary.

**PWXEDM172672I 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 re-issues this message after each additional 5 percent of the data-set space is filled.

The shortage of active log data set space has the following possible causes:

- Excessive logging, such as too many users requesting logs at the same time.
- Delayed or slow offloading, which can be caused by the system operator failing to mount archive volumes, incorrectly replying to offload process messages, or using devices with slow device speeds.
- Offload process failure. For more information, see the user response.
- Insufficient active log space. For more information, see the user response.

System Action: Each time the PowerExchange Logger issues this message, it tries to perform offload processing. If the offload process is successful, the PowerExchange Logger does not re-issue this message. If the offload process is not successful and if the cause of the failure is not corrected, the active log data space fills until it reaches full capacity. The PowerExchange Logger then issues message PWXEDM172673I and halts all processing of change data.

User Response: To resolve this issue, you must either correct the problem that is causing the offload process to fail or add more active log data sets, as follows:

- To correct the problem that is causing the offload failure, complete other waiting offload tasks. Then, when an active log data set is made available or reusable, PowerExchange logging activity can continue. Perform a display request to determine the outstanding requests related to the log offload process. Respond to any outstanding requests and then permit the offload process to continue. If the offload process does not complete normally or cannot be initiated, notify the system programmer.



- To add more data sets, you must stop the logging process, stop the PowerExchange Logger, run the PowerExchange Logger batch change utility to add new active log data sets, and then restart the Logger.

**PWXEDM172673I    Logger out of space in active log data sets**

Explanation: All space in all active log data sets has been used because of delays in offload processing. 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 no outstanding requests related to the log offload process exist. Respond to any outstanding requests and then permit the offload process to continue. If the delay was caused by lack of resources for the offload process, you must make the resources available so that the offload process can complete. The PowerExchange Logger can then resume processing.

**PWXEDM172675I    extended CHECKPOINT complete: RBA range *start\_rba-end\_rba* at *date time*. Start Time=*timestamp* ({QSAM I/O | TIMER | PROCESS | Restart I/O | logical log | physical log | XCF Interface | XCF Router})**

Explanation: The PowerExchange Logger for z/OS completed an extended internal checkpoint. The checkpoint records were written to the active log data set between the specified StartRBA and EndRBA positions. The Start Time 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    Logger Change Capture XCF-Syncpoint request for *uow\_ID* complete at *date time***

Explanation: The PowerExchange Logger completed processing a syncpoint request for the specified UOW ID. The request was sent through the cross-system coupling facility (XCF) for an environmental change capture routine (ECCR). Request processing completed at the specified data and time.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172677I    Logger Change Capture XCF-Syncpoint request for *job* failed (*failure\_type*) at *date time***

Explanation: The PowerExchange Logger was unable to process a syncpoint request for the specified job. The request was sent through the cross-system coupling facility (XCF) for an environmental change capture routine (ECCR). The failure occurred in the internal communication between the ECCR and PowerExchange Logger. The *failure\_type* is one of the following values:

- Invalid input
- Invalid resync

System Action: Processing continues.

User Response: To correct the problem, contact Informatica Global Customer Support.

**PWXEDM172678I    Logger *logger\_ID* detected *nnnn uow\_type* units of work during restart**

Explanation:        The PowerExchange Logger for z/OS instance detected one or more units of work (UOWs) of the specified type during restart processing. In this message text, the *uow\_type* is one of the following values:

- in-doubt
- in-commit
- in-abort

This message is sent to the JES console.

System Action:      Processing continues.

User Response:      For information about resolving in-doubt UOWs, see the *PowerExchange CDC Guide for z/OS*.

**PWXEDM172679I    Logger *report\_title* report follows:**

Explanation:        The PowerExchange Logger for z/OS DISPLAY OBJECT=LOG and DISPLAY OBJECT=CONNECTION commands generate this message to present the title of a report that they generate. This message precedes the other messages that compose the report. The *report\_title* is one of the following values:

- Log\_Active
- Log\_Archive
- UOW\_Connection
- Reader\_Connection
- Writer\_Connection

If you enter the DISPLAY OBJECT=CONNECTION ,TYPE=READER command in a Post\_Log Merge environment, this message adds 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 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 timestamp 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    Logger *command* normal completion at *date time***

Explanation:        Processing of the PowerExchange Logger command completed successfully at the specified data and time.

User Response:      No response is required.

**PWXEDM172681E    Logger RESOLVE\_INDOUBT {COMMIT|ABORT} for UOW *uow\_ID* failed at *date time* (*error\_type*)**

Explanation:        A PowerExchange Logger for z/OS RESOLVE\_INDOUBT COMMIT or ABORT command failed at the specified data and time. In this message, the *error\_type* is one of the following values:

- **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    No subsystem handle for agent *agent\_name* RC=*return\_code*, RSN=*reason\_code* (*code\_description*)**

Explanation:        The PowerExchange Logger for z/OS was unable to connect to the PowerExchange Agent during initialization.

System Action:        The PowerExchange Logger ends abnormally.

User Response:        Verify that the PowerExchange Agent and the common services module are operational, and then run the job again. Use the return code and reason code to get more information about the error.

**PWXEDM172684I    Logger {simple|extended} CHECKPOINT complete for UOW=*uow\_ID* at *date time***

Explanation:        The PowerExchange Logger for z/OS 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.

**PWXEDM172687I    Logger *command* command {failed|completed} with RC=*return\_code*, RSN=*reason\_code***

Explanation:        The specified PowerExchange Logger for z/OS command completed or failed with the specified return code and reason code. In the message text, *command* is one of the following values:

- ARCHIVE\_LOG
- DEFINE
- DEFINE\_LOG
- DEL\_LOG
- DISPLAY
- END
- PRINT
- RESOLVE\_INDOUBT
- STOP
- TRACE

System Action:        If the return code and reason code are 0, command processing continues. Otherwise, command processing ends, even though PowerExchange Logger processing continues.

User Response:        If the return code and reason code are 0, no response is required. If the return code and reason code are a non-zero value, check the JES2 log for previous messages from the PowerExchange Logger that pertain to the specified command.

If this message is for an ARCHIVE\_LOG command, you must correct the problem that is preventing the PowerExchange Logger from performing the archive process normally. This problem might be related to space availability or catalog issues. After the problem is corrected, other waiting offload tasks have completed, and another active log is available, issue the ARCHIVE\_LOG command again for the current active log. If you do not correct the error, the PowerExchange Logger will issue warning messages when available active log data space reaches critically low levels. A final message indicates that there is no active log. The PowerExchange Logger then stops processing until active log space is made available.

**PWXEDM172690I    Logger logic error. Invalid RBA=*log\_location* for log with start RBA=*log\_location*, end RBA=*log\_location***

Explanation:        The PowerExchange Logger for z/OS 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.

**PWXEDM172691W    Logger could not locate DSName=*dataset\_name*. Log stopped**

Explanation:        The PowerExchange Logger physical logger could not find the specified active log data set.

System Action:        The PowerExchange Logger stops both the primary and corresponding secondary logs and does not use them during the current run.

User Response:        To determine the cause of the problem, look for system messages, such as IEC prefixed messages. Then, correct the problem and run the job again. Also, you might need to recover the log by using the DELETE\_LOG and DEFINE\_LOG commands.

**PWXEDM172692E    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 log file switch process after it had been running in a single logging mode.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM172693E    Logger detected an insufficient number of active logs defined in ERDS.**

Explanation:        The PowerExchange Logger for z/OS detected that not enough active log data sets are defined in the emergency restart data set (ERDS) to start logging captured change data. This condition usually exists for one of the following reasons:

- Fewer than two data sets are defined for one of the active log copy sets.
- The EDMUPARM options module specifies ACTIVE\_LOG\_MODE=DUAL for dual logging. However, data sets for two copies of the active log are not defined in the ERDS.
- Fewer than two data sets are available for one of the active log copy sets. Available data sets are those not flagged as STOPPED.

System Action:      PowerExchange Logger startup processing ends abnormally.

User Response:      Use the PowerExchange Logger batch change utility to make the number of active log data sets defined in the ERDS consistent with the ACTIVE\_LOG\_MODE parameter in the EDMUPARM module. You might need to recover log data sets that have a status of STOPPED. The PowerExchange Logger does not reuse STOPPED log data sets. To recover these data sets, either redefine them or recover them from the other copy of the log. Also delete the log data sets and add them to the ERDS with the appropriate RBA addresses. To delete and add log data sets to ERDSs, use the Logger batch change utility. When finished, restart the PowerExchange Logger.

**PWXEDM172694E    Archive log creation failed due to abend *abend\_code* reason *reason***

Explanation:        The PowerExchange Logger for z/OS encountered an abend when writing an archive log.

System Action:      The PowerExchange Logger log-archiving process ends abnormally. If this error occurs at PowerExchange Logger startup, the Logger stops. If this error occurs during normal PowerExchange Logger processing, the Logger continues.

User Response:      If the abend is caused by an environmental problem, such as an out-of-space condition, I/O error, or RACF error, try to fix the problem. The next time a log switch occurs, the PowerExchange Logger will retry log archiving.

If the abend is caused by a S0Cx or another problem that is *not* environmental in nature, contact Informatica Global Customer Support. Provide all PowerExchange Logger output, including any SVC dumps that might have been generated.

**PWXEDM172695I    Logger detected an invalid record on Input Queue. Record ignored.**

Explanation:        The PowerExchange Logger for z/OS detected a record with an invalid record type on the input queue while processing change records. A valid record must have one of the following type indicators in position 24 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.

System Action: The PowerExchange Logger ignores the invalid record and continues processing.

User Response: No response is required.

**PWXEDM172696E Logger could not find Checkpoint with LogRBA=*log\_RBA* in any log data set**

Explanation: The PowerExchange Logger for z/OS could not locate a checkpoint at the specified log RBA in any known log data set. The PowerExchange Logger requires a checkpoint for restart processing.

System Action: Processing ends.

User Response: Determine a valid checkpoint for restart processing, and then start the PowerExchange Logger again. If you need assistance, contact Informatica Global Customer Support.

**PWXEDM172697E Logger *operation\_type* operation for XCF Message Q failed with RSN=*reason\_code*, and RC=*return\_code*(*EDMLCQ00|EDMLLLG0|EDMLST10|EDMLXMR0*)**

Explanation: The specified PowerExchange Logger operation for the cross-system coupling facility (XCF) local circular queue failed with the specified reason code and return code. The XCF circular queue might have an internal error.

In this message, the *operation\_type* is one of the following values:

- CREATE
- OPEN
- PUT
- CLOSE

System Action: Processing ends.

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

**PWXEDM172698I Logger received an invalid request data transfer start: *logger\_ID startRBA*, from Reader *reader\_identifier***

Explanation: The PowerExchange Logger for z/OS received a start RBA that is not valid from the specified log reader.

System Action: Processing continues. The Logger send a request for the log reader to end.

User Response: Check the EDMPARMS DD statement or STEPLIB concatenation for the EDMSDIR module to verify that the correct Logger ID is specified. Then correct the job and run it again.

**PWXEDM172699I ECCR *task\_name* reinstated. Oldest RBA= *oldest\_RBA*, Last RBA= *last\_RBA*, Logger UOW= *last\_UOW***

Explanation: During restart processing, the PowerExchange Logger for z/OS encountered a type-1 ECCR and reinstated it in internal control blocks.

System Action: PowerExchange Logger processing continues.

User Response: No response is required.

**PWXEDM172700I Unable to find *logger\_ID* options, default options in effect**

Explanation: The PowerExchange Logger for z/OS initialization process was unable to locate the EDMUPARM options module for the specified Logger ID. As a result, the PowerExchange Logger is using the default options in the EDMZPARM module.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172701I Logger executing with *control\_block* at *log\_RBA***

Explanation: The PowerExchange Logger for z/OS is using the specified control block and executing at the specified RBA position in the log data set.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172702W Stealing *active\_log\_dataset* StartRBA=*start\_rba* - *nnnnnnnn* active readers**

Explanation: The PowerExchange Logger for z/OS needs to reuse the specified active log data set name and start RBA, because no other active logs are available. However, the specified number of log reader processes are currently reading the active log. This message is issued as a WTO message.

System Action: The PowerExchange Logger begins to write new data to the active log data set. This action might result in a reader abend.

User Response: Determine why the PowerExchange Logger was forced to steal the active log data set. The number of active log data sets might be insufficient, especially if the number of log reader processes that normally run is greater than the number of active log data sets. To determine the number of reader processes that are currently active, use the PowerExchange Logger DISPLAY command.

Another cause of this problem is a failure to archive active log data. Examine the status of any recent archive attempts. You can also use the PowerExchange Logger DISPLAY command to determine the status of the active log data sets and whether any need to be archived.

**PWXEDM172703I Logger is now operating in single logging mode on *log\_data\_set***

Explanation: The PowerExchange Logger encountered an allocation or I/O error in the specified emergency restart data set (ERDS) or active log data set. The PowerExchange Logger has switched to single logging mode for the specified log data set.

System Action: Processing continues.

User Response: To diagnose the error, review the messages in the JES log and PowerExchange message log.

**PWXEDM172711E Command processor found that required keyword *keyword* is missing**

Explanation: A PowerExchange Logger for z/OS command was entered without a required keyword. This message is issued as a WTO message.

System Action: The command is not executed.

User Response: Enter the command again with the required keyword.

**PWXEDM172712E Command processor detected *keyword=value*, which is not supported in batch**

Explanation: The PowerExchange Logger command includes the *keyword=value* specification, but this type of specification is not allowed when the Logger command processor runs in batch mode. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing of the current command set.

User Response: Correct the command set, and submit it again.

**PWXEDM172713E Command processor detected a non alphanumeric value for *keyword***

Explanation: An invalid value was entered for the specified keyword in a PowerExchange Logger for z/OS command set. The keyword value must consist of all alphanumeric characters and begin with a non-numeric character. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172714E Command processor detected keyword *keyword1* and *keyword2* which are mutually exclusive**

Explanation: You cannot use both of the specified keywords in a single PowerExchange Logger for z/OS command set. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing of the current command set.

User Response: Correct the command set, and submit it again.

**PWXEDM172715E Command processor detected a value length error for *keyword*, found *value***

Explanation: The value of the specified keyword found in the current PowerExchange Logger for z/OS command set is too long. The value must not exceed the maximum length for the value type. For example, a time stamp must not exceed 13 bytes, and a data set name must not exceed 44 bytes. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops 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 or time stamp. The value entered was not acceptable. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command and resubmit it. If necessary, read the keyword description in the manual to insure that the data format is acceptable. A time-stamp value must be specified as *YYDDD/HHMMSSST* where *YYDDD* is a valid Julian date and *HHMMSSST* 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 Command processor was expecting a keyword, found *value***

Explanation: The PowerExchange Logger for z/OS command processor was expecting a keyword, but found another value, such as the next characters in the input stream. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.



User Response: Correct the command set and submit it again.

**PWXEDM172718E Command processor detected keyword *keyword* value delimiter incorrect**

Explanation: The PowerExchange Logger for z/OS detected the specified keyword but the keyword value was incorrectly followed by an equals (=) sign, for example, KEY=XXXX=. This command structure is not valid. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172719E Command processor detected duplicate value *value* for keyword *keyword***

Explanation: The PowerExchange Logger for z/OS detected that the specified value is entered twice for the same keyword. A keyword cannot have duplicate values. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172720E Command processor detected keyword *keyword* expecting value, found *value\_entered***

Explanation: The PowerExchange Logger for z/OS detected that the value entered for specified keyword is not valid. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172721E Command processor detected a length error, *initial\_part\_of\_value***

Explanation: A PowerExchange Logger for z/OS syntax scan of a command set found a name or undelimited value that is too long. This message shows the first part of the invalid value. A name or undelimited value cannot be longer than 64 characters. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172722E Command processor expects a numeric value for *keyword*, found *value***

Explanation: The PowerExchange Logger for z/OS command processor found the specified non-numeric value for a keyword that requires a numeric value. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the 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 Command processor was expecting a value for *keyword*, found end of input or delimiter**

Explanation: The PowerExchange Logger for z/OS found a keyword for which no value is specified, for example, KEY=. The keyword cannot have a null value. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172726E Command processor detected a missing string delimiter for *keyword***

Explanation: The PowerExchange Logger for z/OS did not find a string delimiter, as expected, for the specified keyword. To specify strings, use the X'00' or C'AA' format, where the characters after the X or C can be any character except a blank or semicolon (;). This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command and submit it again.

**PWXEDM172727E Command processor detected a string delimiter missing or invalid for *keyword***

Explanation: The PowerExchange Logger for z/OS 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. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172728E Command processor detected a null string for *keyword***

Explanation: The PowerExchange Logger for z/OS found a null string, such as C' ' or X' ', for the specified keyword. This keyword cannot contain null strings. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command and submit it again.

**PWXEDM172729E Command processor detected invalid hexadecimal digits for *keyword***

Explanation: The PowerExchange Logger for z/OS found invalid characters in a hexadecimal string that is specified for a keyword. Only the following alphanumeric characters are allowed: 0 1 2 3 4 5 6 7 8 9 A B C D E F. For example, the string X'12G4' is invalid. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172730E Odd number of hexadecimal digits for *keyword***

Explanation: The PowerExchange Logger for z/OS detected that the hexadecimal string that is specified for the keyword is invalid because it contains an odd number of characters between the delimiters. For example, X'123' is invalid. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172731E String starting *character* is invalid for *keyword*, must start with quote, C, or X**

Explanation: The PowerExchange Logger for z/OS detected that the value entered for the specified keyword is invalid. The keyword accepts only delimited values that have one of the following formats:

- A value that is enclosed in single or double quotation marks. For example: KEYWORD='VALUE'
- A value that begins with C and is followed by a beginning delimiter, value, and ending delimiter. The delimiter can be any special character, including quotation marks. For example: KEYWORD=C/VALUE/
- A value that begins with X and is followed by a beginning delimiter, hexadecimal value, and ending delimiter. The delimiter can be any special character, including quotation marks. For example: KEYWORD=X'E5C1D3E4C5'

This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172732E Value for *keyword* is too long**

Explanation: The PowerExchange Logger for z/OS detected that the value entered for the specified keyword is longer than the maximum allowed length. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172733E Duplicate keyword *keyword***

Explanation: The PowerExchange Logger for z/OS detected that the same keyword is specified twice in the command set. Duplicate keywords are not allowed. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172734E Expecting a comma, found *characters***

Explanation: The PowerExchange Logger for z/OS expected to find a comma (,) between the values that are entered for a keyword. Instead of a comma, the PowerExchange Logger found the characters that are reported in this message. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172735E Expecting a subcommand, found *characters* followed by "="**

Explanation: The PowerExchange Logger for z/OS expected to find a subcommand within the command set. Instead, the PowerExchange Logger found the specified characters, which are the next string of characters in the input stream, followed by an equals (=) sign. Possible reasons for this error:

- A comma is missing between two keywords.

- A level 2 command is followed by an equals sign.
- A subcommand is misspelled.

This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the 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 Keyword *keyword* value must be between *value1* and *value2***

Explanation: The PowerExchange Logger for z/OS found a numeric keyword value that is outside the range of valid numeric values. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172738E Subcommand *subcommand* may only be used once in this command set**

Explanation: The PowerExchange Logger for z/OS found that the specified subcommand occurred more than once in the command set. This subcommand can be entered only once in a single command set. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the 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 Command processor was expecting a command, found *characters***

Explanation: The PowerExchange Logger for z/OS expected to find a command but found the specified characters instead. The *characters* value can be one of the following string types:

- A word that is not a command
- The END command
- The end of the input file
- A string of invalid characters

This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172741E Command processor was expecting a subcommand, found *characters***

Explanation: The PowerExchange Logger for z/OS expected to find a subcommand but found either a word that is not a command or a string of invalid characters. The KEYWORD=VALUE specification must be followed by a comma and another keyword, the END command, or a subcommand. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the command set and submit it again.

**PWXEDM172742E Command processor was expecting a command, found *command\_or\_keyword\_name* followed by "="**

Explanation: The PowerExchange Logger for z/OS expected to find a command. Instead, it found either a command or keyword name followed by an equals (=) sign. This value is not valid. This message is issued as a WTO message.

System Action: The PowerExchange Logger stops processing the current command set.

User Response: Correct the 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.

**PWXEDM172750I Number of ARCHIVEs ignored for online logger**

Explanation: The number of saved archive log entries is specified by the PARM setting in the PowerExchange Logger EXEC statement. The PowerExchange Logger is running in online mode.

System Action: The number of saved archive log entries is ignored.

User Response: Processing continues.

**PWXEDM172751E Number of ARCHIVEs contains invalid characters *nnnn***

Explanation: The number of archives is specified with characters that are not valid.

System Action: The batch online PowerExchange Logger ends.

User Response: Specify valid characters for the number of archives.

**PWXEDM172752I Number of ARCHIVEs specified is *nnnn***

Explanation: The number of archives value echos the input value from PARM setting in the PowerExchange Logger EXEC statement. You specify this setting when you run the PowerExchange Logger in batch mode.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172753I Formatting *ddname*, will support *nnnn* archives**

Explanation: The named ERDS will support the specified number of archives.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172754I *ddname* supports *nnnn* ARCHIVEs**

Explanation: The specified ERDS DD currently supports *nnnn* archives.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172755I *ddname* can support *nnnn* additional ARCHIVEs**

Explanation: The ERDS allocated by the specified DD can support *nnnn* additional archives.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172756I Requested *nnnn* archives is supported by current *named\_erds***

Explanation: The requested number of archives is already supported.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172757E Requested *nnnn* archives needs at least *nnnn* additional *named\_erds* records to support**

Explanation: The requested number of archives needs the specified number of additional records to support.

System Action: Processing ends.

User Response: Enlarge the ERDS to support the total number of archives.

**PWXEDM172758I Expanding *ddname* to support *nnnn* additional ARCHIVES**

Explanation: The ERDS is being expanded to support the additional archives.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172759I Archive *archive\_log\_dsn* rolled off. RBA range *start\_rba-end\_rba* Time range *start\_timestamp-end\_timestamp***

Explanation: The archive log data is no longer available.

System Action: Processing continues.

User Response: No response is required.

**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 Task *task\_name* has encountered a *error\_type* error with RC=*return\_code*, RSN=*reason\_code***

Explanation: The PowerExchange Logger for z/OS task encountered an unexpected error condition with an unknown resolution.

System Action: The PowerExchange Logger ends abnormally.

User Response: Contact Informatica Global Customer Support.

**PWXEDM172772W Logger *logger\_ID* is on the last active log, check EDMMSG for more information**

Explanation: The PowerExchange Logger for z/OS processed the last active log and has no more selectable logs left to process. Possible reasons for this situation:

- A lack of archive space
- The capture process is proceeding at a faster pace than the log archive process

System Action: The PowerExchange Logger continues processing.

User Response: Check if the capture process is proceeding faster than the log archive process. If so, increase the number of active logs.

**PWXEDM172773I Writer *identifier* 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 ECCR, or writer, identifier, the DB2 relative byte address (RBA) that the ECCR is currently processing, and the RBA of the oldest UOW in progress.

System Action: ECCR processing continues.

User Response: No response is required. Retain this information if you plan to issue a STARTLOC command.



**PWXEDM172774I**    **Writer *writer\_name* Event Mark generated:**  
***writer\_banner\_line***

**EDP Logger RBA . . . . . : *loggerRBA***

**Sequence number . . . . . : *seqNum***

**Edition number . . . . . : *editionNum***

**Source EDMNAME(s) . . . . . : *source\_tagname***

Explanation:        The PowerExchange Logger for z/OS issues this message to list the contents of an event marker that is written to the logs by a PowerExchange component that uses the Log Write API (LWAPI), such as an ECCR or the PowerExchange Listener. The *writer\_banner\_line* depends on the writer type. For example, the following banner lines might appear:

- DB2 QUIESCE of TABLESPACE *tablespace\_name* at DB2 RBA/LRSN { *db2\_rba* | *db2\_lrsn* }  
The DB2 ECCR wrote an event marker when it detected a table space QUIESCE operation. The variables *db2\_rba* and *db2\_lrsn* represent the point in the DB2 log at which the QUIESCE was detected. If the DB2 logs are for a DB2 data-sharing system, the value is a LRSN. Otherwise, the value is a RBA.
- Finished with Plog copy *plog\_dsn* , last time *date time*  
The Adabas ECCR wrote an event marker when it finished processing a PLOG. The variables *date* and *time* represent the date and time at which the Adabas ECCR finished processing the PLOG.
- CAPI generated Event Mark  
The PowerExchange Logger wrote a CAPI-generated event marker.

This message is issued as a WTO message.

System Action:        Processing continues.

User Response:        No response is required.

**PWXEDM172777E**    **Logger received *record\_type* record with no Begin\_UOW from ECCR *eccr\_name* for UOW *uow\_ID*, SEQ= *sequence\_number***

Explanation:        The PowerExchange Logger for z/OS issues this error message each time it receives a record from an ECCR without a corresponding begin UOW record for a UOW.

In the message text:

- *record\_type* is one of the following values:
  - **BEGIN\_PH1**. begin-phase-1 record.
  - **BEGIN\_PH2**. begin-phase-2 record.
  - **END\_PH2**. end-phase-2 record.
  - **CHANGE**. change record.
- *eccr\_name* is the name of the ECCR.
- *uowID* is the UOW ID of the UOW that was assigned by the ECCR.
- *sequence\_number* is the ECCR-assigned sequence number for the record.

This message is issued as a WTO message and is written to the EDMSLOG file of the PowerExchange Agent.

User Response: Check the JES2 log for previous messages from the PowerExchange Logger. Also examine the previous messages for the ECCR. If you cannot diagnose the problem, collect the job step listings and contact Informatica Global Customer Support.

**PWXEDM172778W Logger discarding duplicate Begin\_UOW from ECCR *eccr\_name* for UOW *uow\_ID***

Explanation: The PowerExchange Logger for z/OS received a duplicate begin\_UOW record from the specified ECCR for a UOW. The Logger already received this record. This situation can occur during a restart of a type 1 ECCR, if the previous ECCR instance was not shut down with the QUIESCE command. The only type 1 ECCR is the DB2 ECCR. In this message, the *uow\_ID* is the RBA or sequence number of the begin\_UOW record.

System Action: After this warning message is issued, the PowerExchange Logger ignores the begin\_UOW record and continues processing.

User Response: Check the JES2 log for previous messages from the PowerExchange Logger. Also examine previous messages for the ECCR. If you cannot diagnose the problem, collect the job step listings and contact Informatica Global Customer Support.

**PWXEDM172779W Retrying HSPSERV SREAD of block at RBA *eeeeeeeeeeee*, found RBA *ffffffffffff***

Explanation: Occasionally, after the PowerExchange Logger switches active log data sets, user abend U3035 occurs in a log reader subtask that is reading data from the new active log data set. The reason for these abends is that an HSPSERV SREAD operation returned a page that contains all zeros for a page that was previously read. This problem is described in IBM APAR OW56713. The PowerExchange Logger can detect this condition and retry the HSPSERV SREAD operation up to 100 times. Message PWXEDM172779W is issued each time a retry is required. The found RBA value will most likely be 0.

System Action: If the condition persists after 100 retries, the log reader subtask of the PowerExchange Logger abends with user abend code U3035 and reason code 00D6FF14. However, the PowerExchange Logger address space will *not* terminate, and the PowerExchange Logger will continue writing data that it receives from ECCRs to the active log.

User Response: Restart any terminated log reader 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 eeeeeeeeeee, found RBA ffffffff**

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* RC=x'nnnnnnnn'**

**Explanation:** The PowerExchange Logger for z/OS encountered an error when it tried to ATTACH the specified load module, which is required for Logger processing. The message provides the return code related to this error.

**System Action:** The Logger will end abnormally.

**User Response:** To determine the reason for the failure in the ATTACH macro, use appropriate operating system documentation. Also review related messages. If you cannot diagnose and correct the problem, contact Informatica Global Customer 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.

**PWXEDM172786I** *task\_name global\_queue\_function for global\_queue\_name failed. RC=return\_code, RSN=reason\_code description*

**Explanation:** The PowerExchange Logger for z/OS encountered an error while processing a function call to the specified global circular queue that it uses to send or receive data. Global queues are used to pass data between address spaces. This message reports the task name, function type, the name of the global circular queue, the return code, and the reason code.

The *global\_queue\_function* can be one of the following values:

- CLOSE
- CREATE
- DELETE
- GET
- OPENINL
- OPENOUT
- PUT
- SETEOF

This message is issued as a WTO message.

**System Action:** The PowerExchange Logger ends abnormally.

**User Response:** To determine the reason for the failure in the function call, review related messages and examine the appropriate operating system documentation. If you cannot diagnose and correct the problem, contact Informatica Global Customer 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 data sets with Startrba=rrrrrrrrrr are unusable**

**Explanation:** No active primary or secondary data set that is assigned to the start RBA is usable. A usable active log data set is required because the active log data set for the previous RBA range is full. Possibly, initialization of the active log data set failed when the PowerExchange Logger tried to switch to it. In this case, error message PWXEDM172642E is issued.

Alternatively, the active log set might have become unusable during a previous execution of the PowerExchange Logger. In this case, the data set had the status of STOP when the PowerExchange Logger was started.

**System Action:** The PowerExchange Logger ends abnormally.

User Response: To diagnose the error, review related messages. If necessary, review the operating system documentation. To determine the statuses of all active log data sets, issue the PowerExchange Logger DISPLAY command when the Logger is running in batch mode. To do so, use the sample JCL in the #DISPLOG member of the SAMPLIB library. To delete the unusable active log data sets associated with the specified start RBA, use the DELETE\_LOG command when the Logger is running in batch mode. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM172789W Logger operation\_type operation for queue queue\_name failed for address\_space with RC=return\_code, RSN=reason\_code**

Explanation: The PowerExchange Logger for z/OS attempted an operation on an internal queue. The return code from the operation indicates that the operation was not successful. When the error occurred, the PowerExchange Logger was either processing a message from another address space or trying to send a message to another address space.

This message reports the type of Logger operation, the name of the internal queue, the identifier of the other address space, the return code, and the reason code.

The *operation\_type* is 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 *queue\_name* is one of the following values:

- GBLXCFQCB
- GBLOUQQCB
- GBLINQQCB
- OUQEDMQCB

System Action: Processing continues. However, if the PowerExchange Logger was processing a message that it received, it will drop the message. If the PowerExchange Logger was trying to send a message, the message will not be sent. In either case, the other address spaces might be left in an unexpected wait condition.

User Response: To determine the cause of the PowerExchange Logger problem with processing the message it received or tried to send, review other messages, including those issued from other address spaces, log readers, or ECCRs. Also, refer to the appropriate operating system documentation, if necessary. If you cannot diagnose and correct the problem, contact Informatica Global Customer 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.

**PWXEDM172791I** Reader *identifier* filter list has *number* entries

Explanation: The PowerExchange Logger for z/OS received a Resource Interest List from a log reader address space and processed it successfully. The Resource Interest List provides a list of registration EDMNAMEs for the source objects in which the log reader is interested. The PowerExchange Logger uses this list to filter change records 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. The message reports the number of EDMNAMEs in the Resource Interest List.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172792E** Logger log DSName=*data\_set\_name* is not formatted.

Explanation: During initialization, the PowerExchange Logger for z/OS detected that the specified active log data set is not formatted. Typically, the Logger log data sets are formatted when they are created.

System Action: The PowerExchange Logger ends abnormally.

User Response: Use the PowerExchange EDM LUTL0 utility to format the log data set. To run the utility, use the sample JCL in the #EDMLFMT member of the *hlq*.SAMPLIB library.

## PWXEDM172800E to PWXEDM172894W

### **PWXEDM172800E Error in module 'module' offset X'number'. text**

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.

### **PWXEDM172801E process failed. Return code=return\_code, Reason code=reason\_code. text**

Explanation: A program called a service or function that returned a non-zero return code, which indicates an error. The *text* portion of this message presents information about the error.

System Action: Processing ends.

User Response: For more information about the error, check the preceding messages in the JES message log and EDMMSG message log. If this message presents an IBM return code, see the IBM messages and codes documentation for the subsystem type for an explanation of the return code. 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 and might include these reason codes in error messages.

### **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\_name***

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

System Action: Processing ends.

User Response: Ensure 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.

**PWXEDM172807E ABEND issued by *function*, Abend code=*abend\_code*, Reason code=*reason\_code*. *text*.**

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.

**PWXEDM172808I Change Capture active for Tag *registration\_tag\_name* (DB2 table|VSAM file|IMS DBD/DSN|Detail) [*attributes*]**

Explanation: This message reports that change data capture is active for the source object that is identified by the reported *attributes* and that is associated with the capture registration that has the specified tag name. For an IMS DBD or data set, the message lists the segments and the registration tab name is shown for each segment.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172809I Change Capture counts for *source\_object*: Insert=*n*, Update=*n*, Delete=*n***

Explanation: This message is issued after the ECCR stops to show counts of records that the ECCR sent to the PowerExchange Logger for z/OS for the specified source object, by record type. These counts are for low-level database operation types, not for SQL operations. This message is not issued if all of the counts are 0.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172810W XCF *macro\_name* failure. RC *return\_code*, RSN *reason\_code*. Group '*group*', Member '*member*'.**

Explanation: The Cross-System Coupling Facility (XCF) function for the specified member encountered an error. This message provides the associated return code and reason code. For more information about these codes, see the IBM Sysplex Services documentation.

System Action: The job step tries to recover, and the job remains active to process other requests.

User Response: Collect any related error messages. Then contact Informatica Global Customer Support.

**PWXEDM172811I XCF is in local mode only**

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.

**PWXEDM172812E Unable to establish XCF connection to EDM Logger (*loggerid*)**

Explanation: The job was unable to connect to the specified PowerExchange Logger through the MVS Cross-System Coupling Facility (XCF) interface.

System Action: The job ends.

User Response: Verify that the PowerExchange Logger is running. Then make sure that the Logger and the terminated job use the same EDMSDIR default options module.

**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 *logger\_ID* terminated [abnormally] while {reader|writer} was active**

Explanation: While a reader or writer task was active, the PowerExchange Logger ended. This message is issued as a WTO message.

System Action: Depending on the value of the system global parameter CCERR, one of the following actions occur:

- If CCERR=CONT, the job continues but PowerExchange change capture stops. The changes that were in progress are lost.
- If CCERR=ABEND, processing ends.

User Response: Try to determine what caused the PowerExchange Logger to terminate. Then 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 *source\_type* on *source\_description***

Explanation: This informational message reports the source software level in the CDC environment in which the ECCR has initialized. The message is issued as a WTO message and written to the EDMMSG and EDMSLOG data sets.

The message text includes the following variables:

- *source\_type* is DB2, CICS/VSAM, IMS Batch, IMS DBRC, IMS Online, or VSAM Batch.
- *source\_description* depends on the source type, as follows:
  - For CICS/VSAM sources: *CICS/TS version*
  - For DB2 sources: *[group\_attach\_name].subsystem\_name*, where *group\_attach\_name* is displayed only for a subsystem that is a member of a data sharing group
  - For IMS Batch, IMS DBRC, and IMS Online sources: *subsystem\_ID ims\_version*  
*function level function\_level*

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.

**PWXEDM172822I EDM Global Directory *name* loaded from *dsname*, Agent Id=*agentid*, Logger Id=*loggerid***

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 *agentid* and *loggerid* in this message.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM172823W *agentid* connection failed, RC *return\_code* RSN *reason\_code* [*optional\_reason\_description*]**

Explanation: The job or component that issues this message was unable to contact the specified PowerExchange Agent.

System Action: The job or component will attempt to continue processing without the PowerExchange Agent services.

User Response: Verify that the job or component is trying to connect to the correct PowerExchange Agent. Also verify that your PowerExchange Agent startup procedure is correct and was started correctly.

**PWXEDM172824W *eccr\_name capture\_type* change capture to logger *logger\_name* waiting since *timestamp* for the {CIC-to-logger | ECCR-to-CIC} queue.**

Explanation: The ECCR capture process has been waiting to send change data to the PowerExchange Logger for z/OS since the specified date and time because a queue that is used in sending data is full. In this message, *capture\_type* can be one of the following values:

- API0
- API1
- DB2
- CICS VSAM
- IMS batch
- IMS online

- Utility
- VSAM

System Action: Processing continues.

User Response: For more information, review any PowerExchange Logger messages displayed in the console. Then, perform the corrective action that these messages recommend.

**PWXEDM172825W UOWs are waiting on EDM syncpoint; see EDM log**

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.

**PWXEDM172826W Following unit-of-work has been waiting on {Phase 1 syncpoint processing | Phase 2 syncpoint processing | Begin UOW processing} since *timestamp***

Explanation: The specified unit of work (UOW) is waiting for the specified type of syncpoint processing to be performed. This message is preceded by the PWXEDM172825W warning message.

System Action: Processing continues.

User Response: To determine the reason for the wait, check the EDMMSG data set and any PowerExchange Logger messages displayed on the console. Then complete the corrective actions that these messages describe.

**PWXEDM172828E EDM logger returned error during {Phase 1 syncpoint processing | Phase 2 syncpoint processing | 'resolve in-doubt' processing | Begin UOW processing}, return code=X'return\_code' (decimal\_return\_code), Reason code=X'reason\_code' (decimal\_reason\_code).**

Explanation: The PowerExchange Logger for z/OS generated a non-zero return code during the specified type of processing. The message reports the return code and reason code for the error.

System Action: Processing continues.

User Response: For more information about the error, check the EDMMSG data set for related PowerExchange Logger for z/OS messages.

**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.

<b>PWXEDM172831I</b>	<b>Capture Status {not resolved resolved as inactive} for <i>structure_name</i>, DEST=SUBSYS</b>
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.
<b>PWXEDM172841I</b>	<b>EDM ECCR <i>job</i> {connected to disconnected from} EDM Logger <i>loggerid</i>, Log RBA=<i>log_rba</i></b>
Explanation:	The change capture routine identified by the specified job or IMS ID ( <i>job</i> ) connected to or disconnected from the specified PowerExchange Logger. The <i>log_rba</i> indicates the starting position in the log for the connection.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM172842E</b>	<b>DB2 ECCR terminating due to prior logger failure</b>
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.
<b>PWXEDM172843I</b>	<b>Resolve-in-doubt: UOW=<i>uowid</i>, Func=Abort, Return code=<i>rc</i>, Reason code=<i>reason</i></b>
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.
<b>PWXEDM172844W</b>	<b>Following unit-of-work failed during {Phase 1   Phase 2   Begin UOW} syncpoint processing, Reason code=X'<i>reason_code</i>'.</b>
Explanation:	A unit-of-work (UOW) ended during the specified type of syncpoint processing. This message provides the return code for the error..
System Action:	The UOW ends abnormally.
User Response:	To diagnose the error. see associated messages.
<b>PWXEDM172845I</b>	<b>Reply is "<i>value</i>"</b>
Explanation:	An operator responded with the specified <i>value</i> .
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:

- PWX-EDP Rollup version and build information
- LOAD library that contains EDMSDIR
- EDMSDIR assembly date and time
- PowerExchange Agent ID
- PowerExchange Logger ID and type
- SYSOUT class
- Action to take if the ECCR encounters an error

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=edmtime**

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=edmtime**

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=*edmtime* {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 *edlname* 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 reports the load module replacements that have been installed or made by a subsequent fix.

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

## **PWXEDM173000W XCF request {QUIESCL|RESUMEL} received from member *xcf\_member\_name* (*logger\_jobname* on *system\_name*) - *reason***

- 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 is inconsistent with the requested status change.
- This message includes the type of request that was received, the XCF member from which the request was sent, the job name of the member Logger, and the system where the member Logger runs.
- The message also identifies the type of problem that the Post-Log Merge task detected in the request. In the message text, *reason* 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:** To diagnose the problem, review related messages, particularly those for the member Logger and including messages issued from other address spaces. If appropriate, refer to related operating system documentation. If you cannot identify and correct the problem, contact Informatica Global Customer Support.

## **PWXEDM173001I Member *xcf\_member\_name* (*logger\_jobname* on *system\_name*) now {quiesced|resumed} logging for 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. The PowerExchange Logger either acquired a quiesced status, which means it will temporarily not log any more data, or resumed logging data after being quiesced.
- This message is issued once for each log reader that is active at the time the status change. The message includes the logical name for the member Logger (*xcf\_member\_name*), the job name of the member Logger, and the name of the system where the member Logger is running. The message also indicates whether the status changed to quiesced or resumed and the logical name of the log reader that was affected by the change.
- System Action:** Processing continues.
- User Response:** No response is required.

## **PWXEDM173002I Member *xcf\_member\_name* (*logger\_jobname* on *system\_name*) {active|inactive}**

- Explanation:** The Post-Log Merge task detected a status change in one of the member Loggers from which it was merging data. The member Logger either:
- Signed on to the Post-Log Merge task and will start logging the data to be merged

- Left the XCF group and will not log any additional data

This message includes the logical name for the member Logger (*xcf\_member\_name*), the job name of the member Logger, and the name of the system where the member Logger is running. This message also identifies whether the member Logger has become active or has left the system.

if the member Logger became active, this message is followed by message PWXEDM172141I. If the member Logger left the system, this message is preceded by message PWXEDM172142W, which issued for each log reader that was receiving merged data from the member Logger.

System Action: Processing continues.

User Response: No response is required.

## CHAPTER 4

# PWXEDM175000 to PWXEDM175050

This chapter includes the following topic:

- [PWXEDM175000I to PWXEDM175041W, 144](#)

## PWXEDM175000I to PWXEDM175041W

### **PWXEDM175000I Log Scan/Print Utility initializing**

Explanation: The EDMLUCTR Log Scan and Print utility is initializing.

System Action: Processing continues.

User Response: No response is required.

### **PWXEDM175001E Error in Common Services INIT|CONN**

Explanation: An error occurred during common services initialization or connection processing.

System Action: Processing ends.

User Response: Contact Informatica Global Customer Support.

### **PWXEDM175005I Begin data transfer at *log\_location*.**

Explanation: The EDMLUCTR utility is starting to transfer data from the specified log location.

System Action: Processing continues.

User Response: No response is required.

### **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 277](#) and ["Reason Codes 00000601 to 00004499 - Command" on page 249](#).

**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: The PowerExchange event marker utility issues this message when an attempt to update the edition level of the object fails. The reason explanation is not always included.

System Action: Processing for the current command ends with an error.

User Response: Use the reason code to identify the error. Then correct the error and run the utility again.

**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 marker process failed. This failure causes the PowerExchange Logger for z/OS to write the ending packet record. The specified reason code indicates why the packet could not be written.

System Action: The PowerExchange Logger ends processing for the event marker utility.

User Response: Use the reason code to identify the problem. Then try to correct the problem.

**PWXEDM175030E Invalid JCL PARM value '*parameter\_value*'**

Explanation: The EDMLUCTR utility was started with JCL that specified a PARM value that is not valid. The message contains up to eight characters of the invalid value.

System Action: The EDMLUCTR utility ends.

User Response: Correct the PARM value in the JCL and then restart the utility. If the problem persists, contact Informatica Global Customer Support.

**PWXEDM175036W *log\_dataset\_name* problem log record - { cannot locate PREFIX section | unknown STD\_PSOURCE | invalid STD\_IFLDNUM }**

Explanation: While the EDMLUCTR utility was processing a record from the log, it encountered the specified problem.

System Action: The utility prints the log record to the EDMMSG data set and then skips the record as it continues processing.

User Response: Contact Informatica Global Customer Support.

**PWXEDM175037E ATTACH in *attaching\_program* failed for *attached\_program* RC=x'*return\_code*'**

Explanation: The ATTACH function of the attaching program failed with the specified hexadecimal non-zero return code.

System Action: Processing ends.

User Response: No response is required.

**PWXEDM175038E Cannot determine posted ECB.**

Explanation: The event control block (ECB) that was posted during a EDMLUCTR utility run cannot be determined.

System Action: The EDMLUCTR utility ends.

User Response: To diagnose the error, review any associated messages. Then restart the utility job. If the job will not restart, contact Informatica Global Customer Support.

**PWXEDM175039E Reader for *log\_dataset\_name* ended {prematurely | due to operator STOP or PAC termination}**

Explanation: The log reader associated with the specified log data set either ended prematurely in error or was stopped by an operator STOP command.

System Action: The log reader is not running.

User Response: To diagnose the error, review the job output. If you need assistance, contact Informatica Global Customer Support.

**PWXEDM175040W Duplicate DDNAME *ddname* ignored**

Explanation: While scanning PowerExchange Logger for z/OS JCL for ERDS*nnnn* DD statements, a duplicate DDNAME value was found.

System Action: Processing continues. The duplicate DDNAME is ignored.

User Response: Edit the ERDS*nnnn* DD statements in the JCL to remove or correct the duplicate DDNAME.

**PWXEDM175041W ERDS DDNAME table full (20 entries)**

Explanation: More than 20 unique ERDS*nnnn* DD statements occur in the PowerExchange Logger for z/OS JCL. The maximum number of ERDS DD statements is 20.

System Action: Processing continues.

User Response: Reduce the number of ERDS DD statements in the JCL to 20 or less.

## CHAPTER 5

# PWXEDM176400 to PWXEDM177699

This chapter includes the following topics:

- [PWXEDM176400E to PWXEDM176457I, 148](#)
- [PWXEDM177012I to PWXEDM177699W, 159](#)

## PWXEDM176400E to PWXEDM176457I

### **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 z/OS 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(module) Enabled at Exit(exit\_point), EPA=(hexadecimal\_address).**

Explanation:        This message reports the entry point address (EPA) in the CICS Transaction Server region where the PowerExchange program module that was enabled at the specified exit point is loaded.

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\_dataset\_type=OFF CDC Override Option**

Explanation: PowerExchange will not capture change data from VSAM data sets that are associated with the specified CICS/VSAM file ID and that are of the data set type that is specified in a `CAPTURE_vsam_dataset_type=OFF` override option in the EDMKOV RD DD statement in the CICS region startup JCL or in the data set to which this DD statement points. You can set any of the following options to OFF to disable CDC for a specific VSAM data set type: 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 from a VSAM data set that is associated with the specified CICS/VSAM file ID because the `DSN=dataset_name, NOCAPTURE` override option is specified in the EDMKOV RD DD statement in the CICS region startup JCL or in the data set to which this DD statement points. This option disables change capture for a specific VSAM data set and its CICS file ID.

User Response: No response is required.

**PWXEDM176453I {Registered|Excluded} File(*file\_id*) is associated with DSN(*hlq.dataset\_name*)**

Explanation: This message reports the VSAM data set that is associated with a file for which CDC processing is disallowed. The message also indicates whether the data set is registered for CDC or not registered (excluded). CDC processing is disallowed for the file and data set because either the `CAPTURE_vsam_dataset_type=OFF` or `DSN=dataset_name, NOCAPTURE` override option is specified in the EDMKOV RD DD statement in the CICS startup procedure or in the data set to which this DD statement points. This message accompanies message PWXEDM176451I or PWXEDM176452I.

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.

**PWXEDM176456I Program(module) status: date at time.**

Explanation: This informational message reports the status of a PowerExchange program module in the CICS Transaction Server region at a specific date and time. The *date* is in YYYY/MM/DD format, and the *time* is in 24-hour HH.MM format.

System Action: CICS processing continues.

User Response: No response is required.

**PWXEDM176457I Program(module\_name) Maintenance: patch1-patch2-...**

Explanation: This message reports the PowerExchange maintenance patches that are installed in the CICS Transaction Server region for the specified PowerExchange program module.

User Response: No response is required.

## PWXEDM177012I to PWXEDM177699W

**PWXEDM177012I ECCR STATUS: LAST DB2 READ LOC rba\_or\_lrsn.data\_sharing\_member\_id.sequence\_number OLDEST OPEN UOW {urid.data\_sharing\_member\_id|\*NONE\*}**

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 for z/OS ECCR restart, the ECCR tried to find the specified table. However, the table is not defined to DB2.

System Action: The ECCR restart fails.

User Response: To diagnose the error, review the other messages that are associated with the failure. Then try to restart the ECCR again.

**PWXEDM177017I    TABLE *creator.table\_name* EDITPROC *procedure\_name* UPDATED.**

Explanation:        During a DB2 for z/OS ECCR restart, the ECCR encountered an updated EDITPROC exit routine for the specified table.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM177021E    TRACE ID exceeds 16 characters.**

Explanation:        In a TR ACT or TR INACT command for the DB2 for z/OS ECCR, the trace ID is longer than the maximum length of 16 characters. Note that this command is intended for use by Informatica Global Customer Support.

System Action:      The command is not executed.

User Response:      Specify a trace ID of 16 characters or less in the TR command.

**PWXEDM177022E    TRACE LEVEL is not 1-9.**

Explanation:        In a DB2 for z/OS ECCR TR ACT command, the specified trace level is not valid. The level value must be a number from 1 through 9. Note that this command is intended for use by Informatica Global Customer Support.

System Action:      The command is not executed.

User Response:      Correct or omit the optional level value in the command. If you omit the level value, the default level of 1 is used.

**PWXEDM177023E    Internal error processing TRACE.**

Explanation:        An internal error occurred when PowerExchange was processing a TR ACT or TR INACT command for the DB2 for z/OS ECCR.

System Action:      The command is not executed.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM177024E    TRACE STATE is not ACT or INACT.**

Explanation:        When processing a DB2 for z/OS ECCR TR command, PowerExchange found that the trace state of ACT or INACT is not included in the command, as required. Note that this command is intended for use by Informatica Global Customer Support.

System Action:      The command is not executed.

User Response:      Specify either TR ACT or TR INACT. The TR ACT command activates the trace, and the TR INACT command deactivates the trace.

**PWXEDM177025W    READS call time, *seconds seconds*, exceeds threshold (*call* call RBA *rba*)**

Explanation:        The time to complete a READS DB2 API call exceeds the current threshold.

- For an F call, the RBA value is the point at which DB2 was requested to start delivering log data.
- For an N call, the RBA value is the last log record delivered and the point at which DB2 should continue delivering log data.
- For any other call, the RBA has no meaning.

System Action:      Processing continues.



User Response: Look at the DB2MSTR address space for messages with corresponding time stamps. The following messages contain additional information.

**PWXEDM177026I No valid IFI306 keyword found.**

Explanation: The REPL2OPT statement included the IFI306 keyword, but the keyword parameters were not valid.

System Action: Processing ends.

User Response: Correct the keyword parameters.

**PWXEDM177027I Value accepted.**

Explanation: The REPL2OPT statement included the IFI306 keyword, and the keyword value is accepted.

System Action: Command processing continues.

User Response: No action is required.

**PWXEDM177028I Invalid value or character in IFI306 keyword operand.**

Explanation: The REPL2OPT statement included the IFI306 keyword, and a keyword parameter contained an invalid value or character.

System Action: Processing ends.

User Response: Correct the keyword parameter.

**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.

### **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.

**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 ENQ RC=return\_code**

Explanation: The ENQ macro sent a non-zero return code to the DB2 for z/OS ECCR for an internal error.

System Action: The ECCR abends.

User Response: Collect the complete ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**PWXEDM177070E CAPTURE PROGRAM WITH NAME=program\_name IS ALREADY EXECUTING**

Explanation: An attempt to start the specified DB2 for z/OS ECCR program was made when an ECCR of the same name was already running. You cannot run more than one ECCR using the same name at the same time. If you need to run multiple ECCRs in parallel, ensure that they each have a different name.

System Action: The ECCR program that you attempted to start abends.

User Response: If you need to run the ECCRs in parallel, ensure that they have different names. You can specify an ECCR name in the NAME keyword of the CA control record in the REPL2CTL file. Also, provide each ECCR 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: This message introduces the following capture statistics that the specified DB2 ECCR program reported at the specified date and time (yyyy-mm-dd hh.mm.ss):

- DB2 Log Location - RBA of the current location of ECCR processing in the DB2 log.
- DB2 Log Timestamp - The timestamp of the last DB2 log record that the ECCR read.
- Current Delay - The time, in seconds, that it currently takes the ECCR to process a change record after the record is written to the DB2 log.
- Average Delay - The average time, in seconds, that it takes the ECCR to process a change record during the statistics reporting interval.
- DB2 log records - The number of log records that the ECCR read - total, during the reporting interval , and per second.
- EDM records - The number of EDM records that were processed - total, during the reporting interval, and per second.

System Action: Processing continues.

User Response: No response is required.

#### **PWXEDM177085I {ST|SQ} Display**

Explanation: This message introduces DB2 for z/OS ECCR statistics report that is generated at the reporting interval that is set in the STAT statement of the REPL2OPT DD data set or in response to an ECCR DISPLAY command. The type of statistics depends on how you set the LEV parameter in the STAT statement or on the parameters that you specify in the DISPLAY command. If you specify STAT LEV=ST statement or DISPLAY,ST command, this message shows the ST Display report, which provides counts of change records that the ECCR read from the DB2 log (total, for the reporting interval, and average per second) by source table. If you specify the STAT LEV=SQ statement or DISPLAY,SQ command, this message shows the SQ Display report, which provides counts of change records that the ECCR sent to the PowerExchange Logger for z/OS, by source table and record type. The SQ counts are for low-level types of database operations that indicate logging activity, not for SQL INSERT, UPDATE, and DELETE operations.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177086I    No {ST|SQ} activity**

Explanation:        A DB2 for z/OS ECCR DISPLAY command that uses the ST or SQ parameter was issued without the ALL parameter. The ECCR found no change activity for which to report ST or SQ statistics in message PWXEDM177085I.

System Action:      Processing continues.

System Action:      No response is required.

**PWXEDM177135E    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.

**PWXEDM177136E    CAF OPEN ERROR. RC=return\_code RSNC=reason\_code PLAN=plan\_name**

Explanation:        The DB2 ECCR issued a DB2 Call Attach Facility (CAF) OPEN call. The OPEN call failed. CAF and DB2 provide the return code and the reason code for the failure.

System Action:      The DB2 ECCR abends.

User Response:      For a description of the return code and reason code, see IBM DB2 messages and codes documentation. Use 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 and contact Informatica Global Customer Support.

**PWXEDM177137I    DB2\_command**

Explanation:        The DB2 ECCR issued the specified DB2 command. The command response follows.

System Action:      Processing continues.

User Response:      No response is required.

**PWXEDM177138E    IFI COMMAND ERROR. IFCARC1=return\_code1 IFCARC2=return\_code2**

Explanation:        While issuing a DB2 command through the instrumentation facility interface (IFI), the DB2 ECCR encountered a DB2 error related to an unrecognized column type. This message includes the return codes from the IFCARC1 and IFCARC2 fields in the IFI Communication Area (IFCA).

System Action:      The DB2 ECCR ends.

User Response:      Contact Informatica Global Customer Support.

**PWXEDM177140I    IFI306 using OPT= x.**

Explanation:        This message reports the value of the OPT keyword in the IFI306 statement in REPL2OPT DD data set for the Db2 for z/OS ECCR. Valid values are: Y, N, or F. If the IFI306 statement is not specified, the message shows the default value of Y.

System Action:      Processing continues.

User Response:      No response is required.

**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 requesting {CURRENT SERVER | PRODUCTID\_EXT | CATALOG\_LEVEL}**

Explanation: The DB2 for z/OS ECCR encountered an SQL error when requesting the specified special register or global variable value. The value can be the current DB2 server location, extended product identifier of the database manager, or catalog level.

System Action: The ECCR ends abnormally.

User Response: To determine the cause of the problem, see the associated messages that provide more detail about the error. Then try to correct the error 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.

**PWXEDM177150I Connected to DB2 subsystem [group.]ssid**

Explanation: The DB2 ECCR connected to the specified DB2 subsystem. If the subsystem is a member of a data sharing group, the message includes the group name.

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.

**PWXEDM177154E DB2 catalog level v.r.m not supported. Maximum supported is v.r.m.**

Explanation: The DB2 for z/OS ECCR initialized against an unsupported DB2 catalog version. This message reports the unsupported DB2 *version.release.modification* level that was detected and the latest DB2 level that the ECCR supports.

System Action: The DB2 ECCR ends.

User Response: Contact Informatica Global Customer Support.

**PWXEDM177155I DB2 {DSN6SPRM} configuration parameter {APPLCOMPAT|CATALOG|RESTRICT\_ALT\_COL\_FOR\_DCC} is 'value'**

Explanation: This message is issued at DB2 for z/OS ECCR initialization. It reports the value of one of the following DB2 for z/OS subsystem parameters:

- APPLCOMPAT. Specifies the default value of the APPLCOMPAT bind option for any BIND and REBIND command that does not explicitly specify the option.
- CATALOG. Specifies the high-level qualifier for the VSAM data sets to be used by the DB2 catalog table spaces.

- **RESTRICT\_ALT\_COL\_FOR\_DCC.** Controls whether certain table alterations can be performed on tables with the DATA CAPTURE CHANGES attribute. If this parameter is set to YES, you might need to COLD start the DB2 ECCR after DB2 is upgraded. For more information, see the topics on migrating to a new DB2 version in the *CDC Guide for z/OS*.

In this message, DSN6SPRM is a DB2 macro.

For more information about these parameters, see the IBM DB2 for z/OS documentation.

System Action: Processing continues.

User Response: No response is required.

#### **PWXEDM177168E *eccr\_subtask\_name* DB2 log flushing subtask ABENDS**

Explanation: A DB2 for z/OS ECCR subtask is ending abnormally.

System Action: The subtask abends.

User Response: To diagnose the error, see the other messages related to this 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 PWXEDM177697E 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.

**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 JESMSGLG print file of the DB2 master address space. Then contact Informatica Global Customer Support.

**PWXEDM177211 REFRESH now pending due to DDL changes.**

Explanation: The DB2 for z/OS ECCR finished processing DDL changes for a DB2 unit of recovery (UR). The ECCR used DB2 object filtering to reduce the volume of change records returned from the DB2 IFI 306 READS routine. During capture processing, the ECCR determined that the DB2 list of objects for filtering changed. As a result, the ECCR initiated a REFRESH operation to use the updated list.

System Action: The ECCR initiates REFRESH processing

User Response: No response is required.

**PWXEDM177212 DB2 IFI306 WQLS list entry count exceeded. *n* entries present. The DB2 limit is 50,000.**

Explanation: The DB2 for z/OS ECCR is capturing changes for more tables than are allowed in the DB2 IFI 306 object filtering list. The DB2 object filtering list can contain no more than 50,000 objects.

System Action: ECCR processing continues but does not use DB2 object filtering to reduce the volume of change records. CPU consumption might increase.

User Response: No response is required.

**PWXEDM177220E Error processing DDL in DB2 UR *eccr\_description\_of\_urid*.**

Explanation: The DB2 for z/OS ECCR encountered an error while processing a DDL operation in the specified DB2 unit of recovery (UR). This message includes the ECCR description of the URID, which consists of 20 hexadecimal characters, a period, and four ending hexadecimal characters.

System Action: The ECCR describes the UR contents in subsequent messages.

User Response: Review the subsequent messages to get more diagnostic information about the error. Then contact Informatica Global Customer Support.

**PWXEDM177221I for SYSIBM.table.**

Explanation: The DB2 for z/OS ECCR encountered an error while processing a DDL operation in a log record in a DB2 unit of recovery (UR). The log record is for the DB2 catalog table SYSIBM.table.

System Action: The ECCR describes the UR contents in related messages.

User Response: Review the preceding PWXEDM177220E error message and related diagnostic messages. Then contact Informatica Global Customer Support.

**PWXEDM177221I for SYSIBM.table.**

Explanation: The DB2 for z/OS ECCR encountered an error while processing a DDL operation in a log record in a DB2 unit of recovery (UR). The log record is for the DB2 catalog table SYSIBM.table.

System Action: The ECCR describes the UR contents in related messages.

User Response: Review the preceding PWXEDM177220E error message and related diagnostic messages. Then contact Informatica Global Customer Support.

**PWXEDM177223I UR contents:**

Explanation: This message marks the start of the DB2 for z/OS ECCR internal information that describes the log records in the DB2 unit of recovery (UR) where the ECCR processing error occurred.

System Action: The ECCR describes the UR contents in related messages.

User Response: Review the preceding PWXEDM177220E error message and related diagnostic messages. Then contact Informatica Global Customer Support.

**PWXEDM177224I DB2\_ECCR\_internal\_description\_of\_log\_records**

Explanation: This message reports the DB2 for z/OS ECCR internal description of the log records in the DB2 unit of recovery (UR) where the ECCR processing error occurred.

System Action: The ECCR describes the UR contents in related messages.

User Response: Review the preceding PWXEDM177220E error message and related diagnostic messages. Then contact Informatica Global Customer Support.

**PWXEDM177225I End of UR contents.**

Explanation: This message marks the end of DB2 for z/OS ECCR internal information that describes the contents of the DB2 unit of recovery (UR) where the ECCR processing error occurred.

System Action: The ECCR reports no further information about the UR.

User Response: Review the preceding PWXEDM177220E error message and related diagnostic messages. Then contact Informatica Global Customer Support.

**PWXEDM177230I eccr\_description\_of\_log\_postition eccr\_description\_of\_urid UR\_operation [userid]**

Explanation: The DB2 for z/OS ECCR encountered a DB2 unit of recovery (UR) log record for a UR that is specified in the SKIPURDML statement in the REPL2OPT DD data set. This message reports the following log record properties:

- *log\_position* is the position of the record in the DB2 log.
- *urid* is the URID of the UR that contains the log record.
- *UR\_operation* is one of the following DB2 internal operation types:
  - BEGUR - Begin UR.
  - BCP1 - Begin phase 1.
  - BCP2 - Begin phase 1 to phase 2 transition.
  - CP12T - Complete phase 1 to phase 2 transition.
  - ECP2 - End phase 2.
  - BABRT - Begin ABORT.
  - EREDO - End REDO.
  - ETODO - End TODO.
  - EUNDO - End UNDO.
  - EABRT - End ABORT.
- If *UR\_operation* is BEGUR (Begin UR), the *userid* is reported. It is the user ID associated with the operation.

System Action: The ECCR processes the log record.

User Response: No response is required.



**PWXEDM177231W** *log\_position urid dbid:psid:obid rid [I|U|D] ['N/A|owner.table]*

Explanation: The DB2 for z/OS ECCR encountered a DML record in the DB2 log for a unit of recovery (UR) that is specified in the SKIPURDML statement in the REPL2OPT DD data set. This message reports the following log record properties:

- *log\_position* is the position of the record in the DB2 log.
- *urid* is the URID of the UR that contains the log record.
- *dbid:psid:obid* are the database ID, page space, and object ID of the table.
- *rid* is the row identifier of the changed row.
- [I|U|D] is the DML operation type, which can be Insert, Update, or Delete.
- *owner.table\_name* identifies the table that the DML operation affected. If the table name cannot be determined, the value "N/A" appears.

System Action: The ECCR skips the DML log record.

User Response: No response is required.

**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.

**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** **DB2 Capture ending because of STOP command.**

Explanation: The DB2 for z/OS ECCR received an MVS STOP command.

System Action: The 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 "STOPAFT" 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 DB2 log for COLD start timestamp.**

Explanation:        The DB2 for z/OS ECCR is searching the DB2 log for the record that contains the ECCR cold start timestamp. The cold start timestamp is in a log record that is written between phase 2 and phase 3 of cold start processing.

System Action:      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.
- Someone issued an MVS STOP command to stop the DB2 ECCR.

System Action:      The DB2 ECCR stops running.

User Response:      No response is required.

**PWXEDM177310I    ECCR\_processing\_type complete.**

Explanation:        This message reports that the specified type of DB2 ECCR processing is complete. In the message text, *ECCR\_processing\_type* is one of the following values:

- WARM start
- COLD start
- SPECIAL start
- REFRESH

System Action:      The DB2 ECCR continues.

User Response:      No response is required.

**PWXEDM177313E {START STARTLOC= | STOPAFT LOGLOC=} value must be 20 hex characters.**

Explanation: An invalid RBA value is specified for one of the following DB2 ECCR control statements:

- The START STARTLOC control statement in the data set that is allocated by the REPL2OPT DD statement in the ECCR JCL
- The STOPAFT LOGLOC control statement in the data set that is allocated by the REPL2CTL DD statement in the ECCR JCL

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.

**PWXEDM177314I Accessing DB2 log at requested location DB2\_log\_location.**

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.

**PWXEDM177323I CREATE DESCRIPTIONS BASED ON DB2 CATALOG**

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.

**PWXEDM177325I CREATE DESCRIPTIONS BASED ON PRE-EXISTING CAPTURE DIRECTORY INFO**

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 the DB2 ECCR TCAPSTATUS table.**

Explanation: The DB2 for z/OS ECCR is beginning maintenance of the TCAPSTATUS capture directory table.

System Action: ECCR processing continues.

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\_name**

Explanation: The specified DB2 for z/OS source table 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.

**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.

#### **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|TCAPTABLES}**

Explanation: The DB2 for z/OS ECCR cannot find a description of the specified table in the DB2 catalog or PowerExchange capture directory (TCAP) tables 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 ECCR cannot capture change data for the specified table until it finds and reads a log record that contains a CREATE TABLE statement for this table.

System Action: ECCR processing continues. However, no change data is captured for the specified table.

User Response: No response is required. 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 identifies two tables to which the error reported in error message PWXEDM177377E pertains.

System Action: The DB2 for z/OS 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\_name* DOES NOT EXIST IN CAPTURE DIRECTORY.**

Explanation: The DB2 for z/OS ECCR cannot find a description of the specified table in the capture directory tables.

System Action: The ECCR abends.

User Response: Ensure that only the ECCR or the capture directory utility updates 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 ECCR, re-create the capture registration, and refresh the ECCR.

**PWXEDM177388W TABLE *creator.table\_name* INCONSISTENT DEFINITIONS.**

Explanation: While the DB2 for z/OS ECCR was getting a description of the specified table from the capture directory tables, the ECCR determined that the description was not consistent.

System Action: The ECCR abends.

User Response: For more information, review any other messages that refer to this table.

**PWXEDM177389W TABLE *creator.table\_name* COLUMN DESCRIPTIONS MISSING.**

Explanation: The DB2 for z/OS ECCR cannot find a description of the columns for the specified source table in the capture directory tables. 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 for z/OS ECCR cannot find in a usable definition for the specified table and capture request (CR) in the capture directory tables.

System Action: The 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 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 ECCR, re-create the capture registration, and refresh the 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.

**PWXEDM177393I Table *table\_name* table space updated to *new\_tablespace\_name* (PSID X"*tablespace\_psid*")**

Explanation: The table space name and page set identifier (PSID) for the specified DB2 for z/OS source table have been updated in the PowerExchange DB2 ECCR capture directory. This message identifies the new table space name and PSID.

System Action: CDC processing continues.

User Response: No response is required.

**PWXEDM177394W Table *table\_name* non CDC {INSERT|DELETE|UPDATE} detected in DB2 UR *urid\_description* at *log\_position*.**

Explanation: The DB2 for z/OS ECCR detected a data change record in the DB2 log for a tracked table for which the DATA CAPTURE CHANGES option is set but the log record is not in the format expected for CDC. This message includes the ECCR description of the unit-of-recovery ID (URID) and the log position at which the non-CDC change record occurs.

System Action: If the change is an UPDATE, the ECCR skips it. If the change is an INSERT or DELETE and the IFI306 statement in the REPL2OPT data set specifies OPT=Y or OPT=F, DB2 does not pass the change record to the ECCR.

User Response: Determine if the change should be captured. If you need assistance, 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.

**PWXEDM177397W Table *table\_name* now DATA CAPTURE {NONE|CHANGES}.**

Explanation: While processing DML changes to the DB2 catalog, the DB2 for z/OS ECCR detected a change in the DATA CAPTURE setting for the specified table. This message reports the new DATA CAPTURE setting.

System Action: CDC processing continues.

User Response: No response is required.

**PWXEDM177398W Table *creator.table\_name* in [SYSTABLES|TCAPTABLES] is not DATA CAPTURE CHANGES.**

Explanation: If the *creator.table\_name* table is a Db2 catalog table from which PowerExchange reads information, one of the following conditions exist:

- If you are setting up the ECCR and SYSTABLES appears in the message, the DATA CAPTURE CHANGES attribute is not set for all of the catalog tables that PowerExchange requires.
- If you are setting up the ECCR and TCAPTABLES appears in the message, you are not performing the setup steps in the correct order.
- If the ECCR previously ran, the DATA CAPTURE CHANGES attribute has been disabled for one or more of the required catalog tables.

If the *creator.table\_name* table is a table registered for change data capture, the Db2 for z/OS ECCR will not capture change data for the table.

System Action: For more information, see associated messages.

User Response: If this error is displayed for a Db2 catalog table, contact Informatica Global Customer Support. If this error is displayed for a registered table from which you want to capture change data, ensure that the DATA CAPTURE CHANGES attribute is set for the table.

**PWXEDM177399E Table *creator.table\_name* column *column\_name* not defined in [SYSCOLUMNS|TCAPCOLUMNS].**

Explanation: The Db2 for z/OS column definition in the capture registration for the source table does not match a column definition for the table in the Db2 SYSCOLUMNS table or the ECCR TCAPCOLUMNS capture directory table.

System Action: The ECCR ends abnormally.

User Response: Contact Informatica Global Customer Support.

**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.

**PWXEDM177404I START OF REPL2CTL CONTROL STATEMENTS**

Explanation: This message precedes a list of the DB2 for z/OS ECCR control statements that are defined in the REPL2CTL data set.

System Action: ECCR processing continues.

User Response: If a control statement contains an error, review the associated error message and correct the statement in the REPL2CTL data set.

**PWXEDM177405I    END OF REPL2CTL CONTROL STATEMENTS**

Explanation:        This message marks the end of the list of DB2 for z/OS control statements that are defined in the REPL2CTL data set.

System Action:      ECCR 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 for z/OS ECCR encountered an error related to specification of the SKIPURDML statement in the REPL2OPT DD data set. In this message, the *error\_text* variable is one of the following reasons for the error:

- no blank after SKIPURDML
- no "." in UR
- no trailing blank after UR
- maximum (255) SKIPURDML statements exceeded
- invalid characters in URID
- READSMS parameter incorrectly positioned in IFI306 keyword

System Action:      The DB2 ECCR ends abnormally with abend code U3680.

User Response:      Edit the REPL2OPT DD data set to correct the reported SKIPURDML error. Then start the ECCR again. For more information about the SKIPURDML statement, 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*.

**PWXEDM177413I Start processing spooled REPL2CTL statements**

Explanation: This message precedes a list of the DB2 for z/OS ECCR control statements that are defined in the REPL2CTL data set. The list might also contain control statements that the ECCR generated.

System Action: ECCR processing continues.

User Response: No response is required.

**PWXEDM177414I End processing spooled REPL2CTL statements**

Explanation: This message marks the end of the list of DB2 for z/OS ECCR control statements that are defined in the REPL2CTL data set. The list might also contain control statements that the ECCR generated.

System Action: ECCR processing continues.

User Response: No response is required.

**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 for z/OS ECCR could not find a row in the TCAPTABLESPACE capture directory table for the table space that contains the specified table.

System Action: The ECCR continues processing but cannot capture changes for the specified table.

User Response: Ensure that only the ECCR or the capture directory utility updates the capture directory tables.

**PWXEDM177425E NO CURRENT TCAPTABLES ROW FOR TABLE *creator.table\_name***

Explanation: While processing log records that describe DDL changes, the DB2 for z/OS ECCR could not find a row in the TCAPTABLES capture directory table for the specified table.

System Action: The ECCR continues processing but cannot capture changes for the specified table.

User Response: Ensure that only the 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 PowerExchange Logger for z/OS.
- 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 z/OS.
- **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\_name***

Explanation: The DB2 for z/OS ECCR cannot find a usable description of the specified table.

System Action: The 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 for z/OS ECCR detected that a UOW performed both DDL and DML operations on the same table. The ECCR does not capture changes from UOWs that contain both types of operations on the same table.

System Action: The ECCR continues processing but might not capture some changes for the table.

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 z/OS 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 z/OS 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* column *column\_number* *column\_name* unexpected length in {normal|before} image**

Explanation: When processing a DB2 log record for the specified table, the DB2 for z/OS ECCR encountered an invalid column length in the normal image or before image row for a DML operation.

System Action: The ECCR abends or continues processing, as indicated in message PWXEDM177030E.

User Response: Contact Informatica Global Customer Support. Provide the complete ECCR job listing, including the SYSUDUMP output.

**PWXEDM177457I in UR *urid* at *log\_position***

Explanation: This message identifies the unit-of-recovery (UR) and DB2 log position at which an operation that is reported in a preceding message occurred. This message includes the ECCR description of the UR identifier (URID) and the log position at which the change occurred.

System Action: CDC processing continues.

User Response: No response is required.

**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 in {normal|before} image**

Explanation: While the DB2 for z/OS ECCR was processing a DB2 log record for the specified table, it encountered an invalid row length.

System Action: The ECCR abends or continues processing, as indicated in the message PWXEDM177030E.

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 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.

**PWXEDM177462E|| 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\_name* 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 for z/OS 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\_name* EDITPROC *proc\_name* OVERLAYED STORAGE**

Explanation:        The specified EDITPROC exit routine overlaid a virtual storage area.

System Action:      The DB2 for z/OS ECCR abends.

User Response:      Correct the EDITPROC exit routine, and then run the job again.

**PWXEDM177471E    UNEXPECTED CONTENT IN INTERNAL POINTERS**

Explanation:        An internal error occurred. The DB2 for z/OS ECCR found incorrect internal pointers.

System Action:      The ECCR abends.

User Response:      Contact Informatica Global Customer Support. Provide Support with the complete 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 FPVDVALE 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 FPVDVALE 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\_name* FIELDPROC *proc\_name* RETURNED RC=*return\_code*, RSN=*reason\_code***

Explanation:        The DB2 for z/OS 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 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.

**PWXEDM177493E Unable to eccr\_action for table creator.table\_name, RC=return\_code, RSN=reason\_code.**

Explanation: The DB2 for z/OS 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, reason code, and information about the error if available.

The *eccr\_action* can be one of the following values:

- get active schema
- \$BLDCMD error for RETSCH

System Action: ECCR processing continues. For critical errors, the ECCR issues additional messages.

User Response: To diagnose the error, review the information in this message and in associated messages. If you need assistance, contact Informatica Global Customer Support.

**PWXEDM177495I Table creator.table\_name {active|pending} schema verified.**

Explanation: When the DB2 for z/OS 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.

**PWXEDM177499E {CA NAME|UOWPREFIX} HAS CHANGED IN REPL2CTL; {CA NAME|UOWPREFIX} IS IGNORED DURING REFRESH PROCESSING**

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>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 for z/OS ECCR captures the first change for the specified DB2 table by using the schema that have the specified timestamps. The timestamps indicate when the table was created and when the table was last altered if applicable.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM177511E</b>	<b>Table <i>creator.table_name</i> Schema verification failed.</b>
Explanation:	The DB2 for z/OS 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 ECCR abends.
User Response:	Create the capture registration again with a schema that matches the DB2 schema.
<b>PWXEDM177513I</b>	<b>Table <i>creator.table_name</i> {altered created dropped}</b>
Explanation:	The specified DB2 table is registered for change data capture. The DB2 for z/OS ECCR detected that the table was altered, created, or dropped.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM177518W</b>	<b>TABLE '<i>creator.table_name</i>' DESCRIPTION NOT FOUND IN CAPTURE DIRECTORY</b>
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.

**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.

**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 0xyyyyyyyy**

Explanation: The DB2 for z/OS ECCR cannot determine the datatype for the specified column while processing a DDL statement that affects the column definition.

System Action: The ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the complete ECCR job listing, including the SYSUDUMP output.

**PWXEDM177532E DB2 Capture ending because of X029159 SUBTASK termination.**

Explanation: DB2 for z/OS ECCR capture processing ended because of the specified subtask termination error.

System Action: The ECCR abends.

User Response: Collect the ECCR job listing, including the SYSUDUMP output. Then contact Informatica Global Customer Support.

**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 *Irsn.data\_sharing\_member\_id*, PREVIOUS *rba* or *Irsn.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.

**PWXEDM177537I Table *owner.table\_name* OWNERSHIP TRANSFERRED to *new\_owner* at *timestamp*.**

Explanation: The owner of the specified DB2 for z/OS source table was changed. This message reports the name of the original owner, the name of the new owner, and the DB2 timestamp at which the change occurred. The timestamp is in the format yyyy-mm-dd-hh.mm.ss.ttttt.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177538I Table *creator.table\_name* renamed to *creator.new\_table\_name* at *timestamp*.**

Explanation: The name of the specified DB2 for z/OS source table was changed. This message reports the original table name, the new table name, and the DB2 timestamp at which the rename operation occurred. The timestamp is in the format yyyy-mm-dd-hh.mm.ss.ttttt.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177539I Table '*creator.table\_name*' now '{DATA CAPTURE CHANGES | DATA CAPTURE NONE}'. DB2 Log Location=*rba\_or\_Irsn***

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.

**PWXEDM177543E DB2 Catalog tables are not DATA CAPTURE CHANGES.**

Explanation: During initialization, the DB2 for z/OS 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 is missing the attribute.

System Action: The 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.

**PWXEDM177548I Verifying Capture Directory configuration supports up to DB2 *v.r.m* catalog level.**

Explanation: The DB2 for z/OS ECCR is verifying that the PowerExchange capture directory tables support the DB2 catalog version that you use. In the message text, *v.r.m* is either the DB2 *version.release.modification* level or *Vversion* followed by the migration mode, for example, V10 NFM.

System Action: 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 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.

**PWXEDM177552I Capture Directory supports up to DB2 *version* catalog level.**

Explanation: During initialization, the DB2 for z/OS ECCR identified the latest DB2 catalog version that the PowerExchange capture directory tables support. In the message text, *version* is either the DB2 *version.release.modification* level or *Vversion* followed by the migration mode, for example, V11 NFM.

System Action: ECCR processing continues.

User Response: If the reported DB2 catalog version is earlier than the DB2 catalog version with which the ECCR runs, the ECCR might run 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 *owner.table\_name* version changed from *n* to *m* at *timestamp*.**

Explanation: While processing DDL log records, the DB2 for z/OS 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 versions, and the timestamp in the DB2 log record where this change occurred.

System Action: Processing continues.

User Response: No response is required.

**PWXEDM177555E Capture Directory does not support DB2 *version* catalog level.**

Explanation: During initialization, the DB2 for z/OS ECCR examines the PowerExchange capture directory tables to determine if they support the DB2 catalog version that you use. The ECCR determined that the capture directory tables do not support your DB2 catalog version. In the message text, *version* is either the DB2 *version.release.modification* level or *Vversion* followed by the migration mode (for example, V11 NFM). The *mode* can be one of the following values: CM for conversion mode, ENFM for enabling new-function mode, or NFM for new-function mode.

System Action: The ECCR ends abnormally.

User Response: Run the jobs 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.

**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 DDB2 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.

**PWXEDM177577W Capture for table *creator.table\_name* deferred due to pending table alteration**

Explanation: During DB2 for z/OS 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 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 ECCR issues this informational message for tracking the source tables of capture interest.

**PWXEDM177578I Table *creator.table\_name* is {added to|dropped from} clone *creator.table\_name***

Explanation: When the DB2 for z/OS ECCR was processing DB2 log records, it detected that a clone table was added or dropped from the base table. The ECCR is currently capturing changes for the base table. This message provides the clone table name and base table name for the clone table change.

System Action: Processing continues. The ECCR continues to capture changes for the base table but does not capture changes for the associated clone table.

User Response: The informational message is issued to help properly track the tables from which data is captured. No action is required.

**PWXEDM177579I    EXCHANGE DATA between *creator.table\_name* and *clone\_creator.table\_name***

Explanation:        When the DB2 for z/OS ECCR was processing DB2 log records, it detected that a clone table was exchanged with its base table. The ECCR is currently capturing changes for the base table. This message provides the clone table name and base table name for the clone table change.

System Action:        Processing continues. 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. 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    Table space file *vsam\_cluster\_name* allocation failed. RC=*return\_code*, ERROR=*error\_code*, INFO=*info\_code*.**

Explanation:        During initialization, the DB2 for z/OS 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 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 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 *vsam\_cluster\_data\_set\_name*.**

Explanation:        The DB2 for z/OS ECCR determined that the specified VSAM cluster data set 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 for z/OS 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 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 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 ECCR to prevent future related problems. If you cannot determine the reason for the dynamic unallocation failure, 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\_data\_set\_name* [pageset header|ODBREC record] error - *error\_description*.**

**Explanation:** During initialization, the DB2 for z/OS 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 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 ECCR abends.

User Response: Contact Informatica Global Customer Support. Provide Support with the following diagnostic information:

- JES output from the ECCR.
- DB2 DSN1PRNT utility output for the tablespace or partition data set

To restart the 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 for z/OS 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 ECCR found too many schema versions. The maximum number of schema versions is 100.

The 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 be 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 been 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\_data\_set\_name* access violation.**

**Explanation:** During initialization, the DB2 for z/OS 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 ends.

**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 for z/OS 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 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 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 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 for z/OS 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 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 *n* 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 for z/OS 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.

**PWXEDM177601I DB2 {Product ID:|Catalog level:} *global\_variable\_value***

Explanation: This message reports the value of the PRODUCTID\_EXT or CATALOG\_LEVEL global variable that the DB2 for z/OS ECCR extracted.

System Action: CDC processing continues.

User Response: No response is required.

**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 for z/OS 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 ID.**

- Explanation: The DB2 for z/OS ECCR does not recognize the specified trace ID. This message is issued either when the ECCR reads the TRACE statement 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 activate or deactivate a trace.
- System Action: If a TRACE statement in the REPL2OPT data set contains an invalid option, the 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 in the TR command, enter a valid option. For information about valid REPL2OPT TRACE options, see the *PowerExchange CDC Guide for z/OS*. For information about the TR ACT or TR INACT command, see the *PowerExchange Command Reference*.

**PWXEDM177618I TRACE ID *trace\_id* [INACT|LEVEL *n*]**

- Explanation: This message reports the trace ID that was specified in a DB2 for z/OS ECCR TR command that completed successfully. It also reports "INACT" if a TR INACT command was issued or a trace level value of 1-9 if a TR ACT command was specified with an optional level value. Note that this information is intended for use by Informatica Global Customer Support.
- System Action: ECCR processing continues.
- User Response: No response is required.

**PWXEDM177619I *table\_name* SQL routine failure. RSN=*reason\_code*.**

- Explanation: The DB2 for z/OS ECCR encountered an internal error when executing an SQL routine for the specified source table. This message includes the reason code, which is a PowerExchange internal error code.
- System Action: The SQL routine fails. ECCR error processing continues.
- User Response: Contact Informatica Global Customer Support.

**PWXEDM177653I Table *creator.table\_name* {ADD|DROP} COLUMN *column\_name* *column\_description* at *timestamp*.**

- Explanation: The DB2 for z/OS ECCR encountered a DDL operation that added or dropped a column in the specified source table. This message includes the table name, the column name and description of the added or dropped column, and the DB2 timestamp at which the DDL operation occurred. The timestamp is in the format yyyy-mm-dd-hh.mm.ss.mmmmmm.
- System Action: Processing continues.
- User Response: No response is required.

**PWXEDM177654I Table *creator.table\_name* ALTER COLUMN *column\_name* *column\_description* to *new\_description* at *timestamp*.**

- Explanation: An ALTER COLUMN operation changed the definition of a column in the specified DB2 source table. This message includes the table name, the name of the altered column, the original column attribute, the new column attribute, and the DB2 timestamp at which the DDL operation occurred. The timestamp is in the format yyyy-mm-dd-hh.mm.ss.mmmmmm.
- System Action: Processing continues.
- User Response: No response is required.

<b>PWXEDM177655I</b>	<b>Table <i>owner.table_name</i> ALTER COLUMN <i>column_name</i> puts table space in AREO* status.</b>
Explanation:	An ALTER COLUMN operation on a column in a source table caused the table space status to change to AREO*. This message is issued as a write-to-operator (WTO) message and written to the message log. The message includes the table name and the name of the altered column.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM177656I</b>	<b>Table <i>owner.table_name</i> ALTER COLUMN <i>column_name1</i> RENAME to <i>column_name2</i> at <i>timestamp</i>.</b>
Explanation:	An ALTER COLUMN RENAME operation on the specified source table renamed a column. The message includes the table name, the new column name, and the previous column name.
System Action:	Processing continues.
User Response:	No response is required.
<b>PWXEDM177659E</b>	<b>Table <i>table_name</i> column <i>column_name</i> column type <i>column_type</i> not recognized</b>
Explanation:	While calculating the fixed-length portion of DB2 table rows in reordered row format, the DB2 for z/OS ECCR encountered a column type that it does not recognize. This message specifies the table that contains the column and the column name.
System Action:	The ECCR ends abnormally.
User Response:	Contact Informatica Global Customer Support.
<b>PWXEDM177674E</b>	<b>UNEXPECTED QW0306RS AT <i>rba_or_lrsn.data_sharing_member_id</i> RC=<i>return_code</i> RS=<i>reason_code</i> DG=<i>diagnostic_code</i></b>
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: <ul style="list-style-type: none"> <li>• SYSUDUMP, SYSABEND, or SYSMDUMP output from the job.</li> <li>• Print output from the DB2 DSN1LOGP utility for the log record.</li> </ul> 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.
<b>PWXEDM177675I</b>	<b>DB2 DBID <i>database_identifier</i> PSID <i>page_space_identifier</i> OBID <i>object_identifier</i> RID <i>row_identifier</i></b>
Explanation:	This message supplements error message PWXEDM177674E. When the DB2 IFI detects an error with a log record that contains data, this message provides additional information from the record for diagnostic use. The reported values are in hexadecimal format. For more information about these fields, see the DB2 documentation.
System Action:	DB2 ECCR processing continues.
User Response:	No response is required.

**PWXEDM177676I    Table *creator.table\_name***

Explanation:        This message supplements error message PWXEDM177674E. When the DB2 IFI detects an error with a log record that contains data, this message provides additional information from the record for diagnostic use. This message identifies the table associated with the error.

System Action:      DB2 for z/OS ECCR processing continues.

User Response:      No response is required.

**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.

**PWXEDM177681I    ... *internal diagnostics* ...**

Explanation:        The DB2 ECCR encountered an unusual condition and generated the internal diagnostic information that this message reports.

System Action:      DB2 ECCR processing continues.

User Response:      No response is required.

**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 for z/OS 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, 226](#)
- [PWXEDM181300W to PWXEDM181500W, 230](#)

## PWXEDM181200E to PWXEDM181223I

**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

**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 accesses the repository through the PowerExchange Agent instead of by using a DD statement in the Event Marker utility JCL.

User Response:      Remove the DD statement from the Event Marker utility JCL.

## CHAPTER 7

# PWXEDM261000I to PWXEDM263999

This chapter includes the following topics:

- [PWXEDM261000I to PWXEDM261010I, 234](#)
- [PWXEDM263000I to PWXEDM263090E, 235](#)

## PWXEDM261000I to PWXEDM261010I

### **PWXEDM261000I    EDP Logger Write API Initialization Options:**

**Connect Name . . . . . : aaaaaaa**  
**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 ddddddeeeeeeeee (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 PWXEDM263090E

**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 yyyyyyyy, 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 yyyyyyyy, 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 yyyyyyyy, 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 bbbbbbbbbbbbbbbbbbb found by record at RBA  
cccccccccccccccccccc**

Explanation:        Additional information for proceeding message PWXEDM263020I. The discarded segment begins at Logger sequence aaaaaaaaaaaaaaaaaa and ends at bbbbbbbbbbbbbbbbbbb. The detecting record is at Logger sequence ccccccccccccccccccc.

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 yyyyyyyy, 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 yyyyyyyy, 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 yyyyyyyy, 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 yyyyyyyy, 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 [reason\_text]**

Explanation: When the Log Read API for the specified Logger used a specific Read API token and call, the Logger failed with the reported return code and reason code. See message PWXEDM263033I for additional internal return codes.

In this message:

- xxxxxx is the Logger ID or the text "API."
- yyyyyyyy is the Log Read API token value.
- aaaa is the call.
- 0xbbbbbbb is the return code.
- 0xccccccc is the reason code.
- reason\_text is the reason code explanation.

**Note:** If "API" appears, the failure occurred before or during connection to the Logger.

User Response: Contact Informatica Global Customer Support.

**PWXEDM263033W Logger xxxxxx (yyyyyyyy): (internal code 0xxaaaaaa 0xbbbbbbbb)**

Explanation: A Log Read API function failed. This message provides diagnostic information for use by Informatica Global Customer Support. Often, the reported values are PowerExchange return and reason codes. In the message text:

- xxxxxx is the PowerExchange Logger identifier.
- yyyyyyyy is the LRAPI token.

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=0xaaaaaaaa rsn=0xbbbbbbbb**

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 aaaaaaaa and reason code bbbbbbbb. 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.

**PWXEDM263040I Logger xxxxxx (yyyyyyyy): using DDN\_file for subsystem\_dataset\_name**

Explanation: This informational message reports the DDN file and subsystem data set name that the PowerExchange Log Read API (LRAPI) uses to read data from the PowerExchange Logger for z/OS. In the message text:

- xxxxxx is the PowerExchange Logger identifier.
- yyyyyyyy is the LRAPI token.

User Response: No response is required.

**PWXEDM263090E Unable to obtain or locate MVS Name/Token**

Explanation: The PowerExchange Log Read API (LRAPI) was not able to establish an z/OS name or token for identifying itself.

System Action: The z/OS system produces an SVC dump. This message appears as the title of the dump.

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, 240](#)
- [IBM Product Return and Reason Codes, 241](#)
- [PowerExchange Abend Codes, 241](#)
- [PowerExchange Return Codes, 242](#)
- [PowerExchange Reason Codes, 245](#)

## 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 z/OS operating system or another IBM product. For explanations of these abend codes, see the appropriate IBM z/OS, 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 for z/OS 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 z/OS operating system or another IBM product. For explanations of these return codes, see the appropriate IBM z/OS, 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 - The program, component, or module completed successfully, but the processing included warnings. - The program execution may be incomplete.  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: - The system is sending an end-of-file (EOF) notification to a subtask. - The conversion buffer is too small. This is a warning. - An ECCR passed a record from an incorrect file. - The record came from a file that is not having data captured and propagated. - The system tried to send captured changes to a file that is not supposed to receive captured changes.
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 243</a> .
4	See <a href="#">"Return Codes 0 to 12 - Standard" on page 243</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 246</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 z/OS operating system or another IBM product.

For explanations of these reason codes, see the appropriate IBM z/OS, 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 z/OS 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 TOKEN 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.

# PowerExchange Logger Reason Codes

## Reason Codes 0033FF01 to 00FFFFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 0033FF01 through 00FFFFFF.

The following table lists 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.

Reason Code	Explanation
00D5FF05	RBA value has reached maximum permitted value (X'FFFFFFFFFFFF') in EDMLPRD0.
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.

Reason Code	Explanation
00D6FF14	Maximum retries (100) exceeded to successfully reread block from active log dataset in EDMLPRD1.
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 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.
00EEFF01	The chainer module could not obtain a work area.
00EEFF02	The chainer module could not release a work area.

## Reason Codes 00F0FF01 to 00F6FFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 00F0FF01 through 00F6FFFF.

The following table lists reason codes for the PowerExchange Logger:

Reason Code	Explanation
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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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).

Reason Code	Explanation
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).
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 PARSE Error processor received an invalid return code from the PARSE 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.

Reason Code	Explanation
00F6FF08	An attempt to delete a statement area failed.
00F6FF09	The data set name is missing from an input parameter.
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.

## Reason Codes 00F7FF01 to 00F9FFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 00F7FF01 through 00F9FFFF.

The following table lists reason codes for the PowerExchange Logger:

Reason Code	Explanation
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.



Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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

## Reason Codes 00FAFF01 to 00FFFFFF - PowerExchange Logger

The PowerExchange Logger issues reason codes from 00FAFF01 through 00FFFFFF.

The following table lists reason codes for the PowerExchange Logger:

Reason Code	Explanation
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.
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 STIMER 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).

Reason Code	Explanation
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.
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 GBLIFPQ 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.

Reason Code	Explanation
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.
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.



Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
00FFEF01	An attempt to obtain a buffer for the master log failed.
00FFEF02	An attempt to perform an OPEN of the ERDS01 restart data set failed.
00FFEF03	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.
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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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.
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.

Reason Code	Explanation
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.
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

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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.



Reason Code	Explanation
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 with abend 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.
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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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.
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 `xyyzzzzz`, include the following parts:

- `xx` is the hexadecimal return code.
- `yy` is the function code.
- `zzzz` is the reason code.

[“Reason Codes 04050000 to 081200C0 - Circular Queue” on page 285](#) 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)

Function Code	Description
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 (FNDTKN)

## 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.

Reason Code	Explanation
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.
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.

Reason Code	Explanation
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
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.
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.
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.
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.
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.
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.

Reason Code	Explanation
0804001C	The circular queue module (EDMXCIRQ) CLOSE function found that an incorrect task attempted to close the \$DLICQTS control block (FNDDTKN 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).
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.



Reason Code	Explanation
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) FNDTKN 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
0A0B0007	UOWNamelsNotLoggerConnectName
0A0B0008	DataParmInvalid
0A0B0009	2ndDataParmInvalid
0A0B000A	FunctionInvalidPerInitOptions
0A0B000B	InvalidInitParm
0A0B000C	InternalErrorHandlingRegistrations
0A0B000D	InvalidAPIInitToken
0A0B000F	NullParameterPassed

Reason Code	Explanation
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
0A0B0028	MissingAPIInitToken
0A0B0029	InconsistentMultiTaskInits
0A0B002A	UOWNotFound
0A0B002B	MustIssueCHK1First
0A0B002C	TooMuchExtendedInfoInPkt
0A0B002D	TooMuchExtendedInfoInChng
0A0B002E	InvalidLCIReturnArea
0A0B002F	MissingMSGDescTag

Reason Code	Explanation
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
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

Reason Code	Explanation
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
0A0E0001	GETL_PROGRESS
0A0E0002	GETL_TIMEOUT
0A0E0003	GETL_EOF
0A0E0050	TooManyConnects
0A0E0051	InvalidSTDChgRec
0A0E0052	InvalidChgRecPFormat
0A0E0053	InvalidCRFChgRec
0A0E0054	InvalidSBCChgRec

Reason Code	Explanation
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
0A0E0070	TimerSvcsActiveTimerInTransition
0A0E0071	TimerSvcsNoCONNToken
0A0E0072	TimerSvcsSTIMERError
0A0E0073	TimerSvcsTimerAlreadyExists
0A0E0074	TimerSvcsTimerIDMismatch
0A0E0075	TimerSvcsNoActiveTimerInToken
0A0E0076	TimerSvcsTooManyTimers
0A0E0100	InvalidTokenType

Reason Code	Explanation
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
0A0E0117	ErrorInXCFGetMsg
0A0E0118	ErrorInXCFGetGroup
0A0E0119	ErrorInXCFFreeBuff
0A0E011A	RequestDataXferFailed
0A0E011B	InvalidRecordFromLogger
0A0E011C	StopDataXferFailed
0A0E011D	InvalidLCIReturnArea
0A0E011E	InvalidOpenParm

Reason Code	Explanation
0A0E011F	BeginSeqRequired
0A0E0120	SEDMInitError
0A0E0121	SEDMAAddError
0A0E0122	SEDMAAddDuplicateEdmname
0A0E0123	SEDMTermError
0A0E0124	SEDMInternalError
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.

Reason Code	Explanation
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 (CCDSCHE) 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



Reason Code	Explanation
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