BMC Common Components
Messages Manual

Supporting

MainView Products
Version 10.1.00 of APPTUNE for DB2
Version 10.1.00 of OPERTUNE for DB2
Version 10.1.00 of Pool Advisor for DB2
Version 10.1.00 of SQL Performance for DB2
Version 10.1.00 of SQL Explorer for DB2
Version 10.1.00 of System Performance for DB2

April 2011
Contacting BMC Software

You can access the BMC Software website at http://www.bmc.com. From this website, you can obtain information about the company, its products, corporate offices, special events, and career opportunities.

United States and Canada

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<thead>
<tr>
<th>Address</th>
<th>Telephone</th>
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</tr>
</thead>
<tbody>
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<td></td>
</tr>
</tbody>
</table>

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</tbody>
</table>

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Customer support

Support website
You can obtain technical support from BMC 24 hours a day, 7 days a week at http://www.bmc.com/support. From this website, you can

- read overviews about support services and programs that BMC offers
- find the most current information about BMC products
- search a database for problems similar to yours and possible solutions
- order or download product documentation
- download products and maintenance
- report a problem or ask a question
- subscribe to receive proactive e-mail alerts
- find worldwide BMC support center locations and contact information, including e-mail addresses, fax numbers, and telephone numbers

Support by telephone or e-mail
In the United States and Canada, if you need technical support and do not have access to the web, call 800 537 1813 or send an e-mail message to customer_support@bmc.com. (In the subject line, enter SupID:yourSupportContractID, such as SupID:12345). Outside the United States and Canada, contact your local support center for assistance.

Before contacting BMC
Have the following information available so that Customer Support can begin working on your issue immediately:

- product information
  - product name
  - product version (release number)
  - license number and password (trial or permanent)
- operating system and environment information
  - machine type
  - operating system type, version, and service pack or other maintenance level such as PUT or PTF
  - system hardware configuration
  - serial numbers
  - related software (database, application, and communication) including type, version, and service pack or maintenance level
- sequence of events leading to the problem
- commands and options that you used
- messages received (and the time and date that you received them)
  - product error messages
  - messages from the operating system, such as file system full
  - messages from related software
License key and password information

If you have questions about your license key or password, use one of the following methods to get assistance:

- Send an e-mail to customer_support@bmc.com.
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Introduction to messages

This chapter provides an overview to help you interpret message information and describes how to obtain message information online.

Products and solutions covered

Several BMC products and solutions use common infrastructure components within their architecture. These products include:

- MainView Products
- APPTUNE *for DB2*
- OPERTUNE *for DB2*
- Pool Advisor *for DB2*
- SQL Performance *for DB2*
- SQL Explorer *for DB2*
- System Performance *for DB2*

This book provides the message descriptions for these common infrastructure components. *Table 1 on page 7* describes the components and provides their message ranges. Not all components are used by all of the listed products.

<table>
<thead>
<tr>
<th>Component</th>
<th>Purpose</th>
<th>Message range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Authorization utility</td>
<td>The Product Authorization utility allows you to apply permanent and temporary passwords to license your product.</td>
<td>BBAPWD00 – BBAPWD99</td>
</tr>
<tr>
<td>Component</td>
<td>Purpose</td>
<td>Message range</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>DB2 Product Configuration</td>
<td>The DB2 Product Configuration technology separates product (or solution) installation from configuration. Through its online interface, DB2 Product Configuration simplifies configuration and deployment by setting default option values for you. (You can change the values, if needed.) The DB2 Product Configuration panels simplify navigation by allowing you to expand or contract sections as needed. Also, you can link to DB2 Product Configuration from within your product or solution, thus maintaining a consistent look and feel, and retaining your changes from version to version.</td>
<td>BMC31000 – BMC35999</td>
</tr>
<tr>
<td>BMC Internet Service Retrieval (ISR)</td>
<td>ISR provides a method for automated service retrieval for maintenance. BMC ISR simplifies ordering and retrieving service updates, either on demand or through your scheduler.</td>
<td>BMCBRM01 – BMCBMRAI</td>
</tr>
<tr>
<td>DB2 Component Services (DBC)</td>
<td>DBC provides a persistent z/OS subsystem address space into which BMC products can dynamically initialize their own product services.</td>
<td>BMCDBC0001 – BMCDBC0299</td>
</tr>
<tr>
<td>Next Generation Logger (NGL)</td>
<td>NGL is a logging facility that logs and retrieves data based on application-defined keys and a time span. NGL runs as a service within the DB2 Component Services (DBC) subsystem and relies on the Runtime Component System (RTCS) for registry services.</td>
<td>BMCNGL59000 – BMCNGL59999</td>
</tr>
<tr>
<td>Runtime Component System (RTCS)</td>
<td>RTCS runs as a started task and provides programming services to various BMC mainframe products. RTCS is designed for continuous operation and seldom, if ever, needs to be stopped.</td>
<td>OSZ0000–OSZ9999</td>
</tr>
</tbody>
</table>
Message format

Most BMC messages consist of a message identifier followed by message text.

Message identifier

Message identifiers can include a prefix, a message number, and a severity indicator, or some combination of them:

- The prefix BMC clarifies that a BMC product or component issued the message. Any other prefix identifies the product or component that issued the message.
- The number uniquely identifies the message.
- The severity indicator tells you the seriousness of the reported situation and whether action is required.

A message identifier can end with any of the following severity indicators:

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (action)</td>
<td>Immediate action is required.</td>
</tr>
<tr>
<td>E (error)</td>
<td>The software cannot complete your request due to a problem.</td>
</tr>
<tr>
<td>I (information)</td>
<td>The purpose of the message is to provide information only. No action is required.</td>
</tr>
<tr>
<td>R (reply)</td>
<td>You must reply to the message before the software can continue.</td>
</tr>
<tr>
<td>S (severe error)</td>
<td>A severe error occurred.</td>
</tr>
<tr>
<td>U (unrecoverable error)</td>
<td>The software cannot continue processing (as when an abend occurs).</td>
</tr>
<tr>
<td>W (warning)</td>
<td>The software continues processing, but you need to investigate the reported issue.</td>
</tr>
</tbody>
</table>

In the following sample, BMCFRS is the prefix, and the message reports a standard error:

BMCFRS39910E The password contains invalid characters.

Message text

The following special conventions are used in message entries, as needed, to approximate the message text that you receive:
<table>
<thead>
<tr>
<th>For</th>
<th>Convention</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variable text</td>
<td><em>Italic</em>*</td>
<td>A data type mismatch occurred in column columnNumber.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The variable columnNumber represents the number that you see when you</td>
</tr>
<tr>
<td>Optional text</td>
<td>[]</td>
<td>DISPLAY TYPE type FOR reportListType [sysdata] NOT FOUND</td>
</tr>
<tr>
<td>Conditional text</td>
<td>{</td>
<td></td>
</tr>
</tbody>
</table>

### Alternatives for accessing message descriptions

You can use any of the following methods to view messages online:

- View this book online as a PDF or HTML file. To view, print, or copy PDF books, use the free Adobe Reader from Adobe Systems. If your product installation does not install the reader, you can obtain the reader at [http://www.adobe.com](http://www.adobe.com).

- Look up message numbers in the Chicago-Soft MVS/QuickRef product. You must have MVS/QuickRef installed on your system.
Messages BBAPWD00 through BBAPWD99

For BMC Product Authorization utility, this chapter describes messages in the range BBAPWD00 through BBAPWD99.

Messages BBAPWD00 through BBAPWD99

This group includes messages for the BMC Product Authorization utility.

BBAPWD01

**productID BMC DATABASE IS BROKEN, CALL BMC SOFTWARE FOR TECHNICAL SUPPORT RC = nnnn**

*Explanation:* A problem occurred with the BMC password database for the product. The file is corrupted. You might need to rebuild it. The product will not run.

*User response:* Contact BMC Customer Support.

BBAPWD02

**productID UNABLE TO FIND PASSWORD FOR THIS PRODUCT, INSTALL PASSWORD FOR PRODUCT**

*Explanation:* No password is installed for the specified product. You must install a password before the product will run. This message can have either of the following causes:

- The library where the password was installed is not available to the product.
- The password member has been deleted.

The product will not run.

*User response:* Install the product password or contact BMC Customer Support.
BBAPWD03  *productID* PASSWORD LOGIC ERROR, CALL BMC SOFTWARE FOR TECHNICAL SUPPORT RC = nnnn

*Explanation:* An internal error occurred in password processing. The product will not run.

*User response:* Contact BMC Customer Support.

BBAPWD04  *productID* I/O PROBLEM READING BMC DATABASE, CALL BMC SOFTWARE FOR TECHNICAL SUPPORT RC = nnnn

*Explanation:* The specified product received an I/O error while reading the password database. The product will not run.

*User response:* Contact BMC Customer Support.

BBAPWD06  *productID* BMC PASSWORD NOT FOUND IN DDNAME *ddname* NOR WAS IT FOUND IN STEPLIB...LINKLIST

*Explanation:* The specified product attempted to locate a password to which the specified ddname points in the data set. The product was unable to open the ddname. The product was also unable to find a password in any library that is concatenated to TASKLIB, STEPLIB, JOBLIB, or in the LINKLIST. The product will not run.

*User response:* Install the password in a library that is available to the product.

BBAPWD07  *productID* YOUR LICENSE TO EXECUTE THIS PRODUCT WILL EXPIRE IN *nn* DAYS

*Explanation:* The specified product has a permanent license that will expire in the specified number of days. The product will continue to run.

*User response:* Contact your BMC sales representative.

BBAPWD08  *productID* YOUR GRACE PERIOD TO EXECUTE THIS PRODUCT WILL EXPIRE IN *nn* DAYS

*Explanation:* The specified product has begun its grace period. The grace period will expire in the specified number of days. The product will continue to run.

*User response:* Contact BMC to reset your grace period.

BBAPWD09  *productID* THE PRODUCT TRIAL FOR THIS PRODUCT WILL EXPIRE IN *nn* DAYS

*Explanation:* The trial period for the specified product will expire in the specified number of days. The product will continue to run.

*User response:* Contact your BMC sales representative.
BBAPWD10  productID YOUR PRODUCT TRIAL PERIOD HAS EXPIRED, CALL BMC SOFTWARE FOR ASSISTANCE
Explanation: The trial period for the specified product has expired. The product will not run.
User response: Contact your BMC sales representative.

BBAPWD11  productID IS RUNNING ON AN UNLICENSED PROCESSOR, ACCESS IS DENIED
Explanation: The specified product is running on a processor for which it is not licensed. The product will not run.
User response: Contact your BMC sales representative.

BBAPWD12  productID IS RUNNING ON A PROCESSOR WITH TOO MANY CPUs, ACCESS IS DENIED
Explanation: The specified product is running on a processor that has more CPUs than your license allows. The product will not run.
User response: Contact your BMC sales representative.

BBAPWD13  productID YOUR LICENSE HAS EXPIRED, ACCESS IS DENIED
Explanation: The license for the specified product has expired. The product will not run.
User response: Contact your BMC sales representative.

BBAPWD14  productID IS RUNNING ON AN UNLICENSED PROCESSOR, ACCESS IS GRANTED
Explanation: The specified product is running on a processor for which the product is not licensed. The product will continue to run.
User response: Contact your BMC sales representative.

BBAPWD15  productID IS RUNNING ON A PROCESSOR WITH TOO MANY CPUS, ACCESS IS GRANTED
Explanation: The specified product is running on a processor that has more CPUs than your license allows. The product will continue to run.
User response: Contact your BMC sales representative.

BBAPWD16  productID YOUR LICENSE HAS EXPIRED, ACCESS IS GRANTED
Explanation: The license for the specified product has expired. The product will continue to run.
User response: Contact your BMC sales representative.
BBAPWD17  *productID* IS RUNNING ON AN UNLICENSED PROCESSOR, GRACE PERIOD ENDED, ACCESS IS DENIED

Explanation: The specified product is running on a processor for which the product is not licensed. The product will not run.

User response: Contact your BMC sales representative.

BBAPWD18  *productID* IS RUNNING ON A PROCESSOR WITH TOO MANY CPUs, GRACE PERIOD IS ENDED, ACCESS IS DENIED

Explanation: The specified product is running on a processor that has more CPUs than your license allows. The product will not run.

User response: Contact your BMC sales representative.

BBAPWD19  *productID* YOUR LICENSE HAS EXPIRED, GRACE PERIOD IS ENDED, ACCESS IS DENIED

Explanation: The license for the specified product has expired. The product will not run.

User response: Contact your BMC sales representative.

BBAPWD20  *productID* IS RUNNING ON AN UNLICENSED PROCESSOR, UNABLE TO GRANT GRACE PERIOD, ACCESS IS DENIED

Explanation: The specified product is running on a processor for which the product is not licensed. An attempt was made to grant a grace period, but security prevented that update from taking place. The product will not run.

User response: Contact your BMC sales representative, or authorize the product to update the load library where the password table resides.

BBAPWD21  *productID* IS RUNNING ON A PROCESSOR WITH TOO MANY CPUs, UNABLE TO GRANT GRACE PERIOD, ACCESS IS DENIED

Explanation: The specified product is running on a processor that has more CPUs than your license allows. An attempt was made to grant a grace period, but security prevented that update from taking place. The product will not run.

User response: Contact your BMC sales representative, or authorize the product to update the load library where the password table resides.

BBAPWD22  *productID* YOUR LICENSE HAS EXPIRED, UNABLE TO GRANT GRACE PERIOD, ACCESS IS DENIED

Explanation: The license for the specified product has expired. An attempt was made to grant a grace period, but security prevented that update from taking place. The product will not run.

User response: Contact your BMC sales representative, or authorize the product to update the load library where the password table resides.
BBAPWD23  productID IS RUNNING ON AN UNLICENSED PROCESSOR, GRACE PERIOD WILL EXPIRE IN nn DAYS

Explanation: The specified product is running on a processor for which it is not licensed. The grace period that was granted to you will expire in the specified number of days. The product will continue to run.

User response: Contact your BMC sales representative.

BBAPWD24  productID IS RUNNING ON A PROCESSOR WITH TOO MANY CPUS, GRACE PERIOD WILL EXPIRE IN nn DAYS

Explanation: The specified product is running on a processor that has more CPUs than your license allows. The grace period that was granted to you will expire in the specified number of days. The product will continue to run.

User response: Contact your BMC sales representative.

BBAPWD25  productID YOUR LICENSE HAS EXPIRED, GRACE PERIOD WILL EXPIRE IN nn DAYS

Explanation: The license for the specified product has expired. The grace period that was granted to you will expire in the specified number of days. The product will continue to run.

User response: Contact your BMC sales representative.

BBAPWD26  productID IS RUNNING ON AN UNLICENSED PROCESSOR, TRIAL PERIOD WILL EXPIRE IN nn DAYS

Explanation: The specified product is running on a processor for which it is not licensed. The temporary authorization that was granted to you will expire in the specified number of days. The product will continue to run.

User response: Contact your BMC sales representative.

BBAPWD27  productID IS RUNNING ON A PROCESSOR WITH TOO MANY CPUS, TRIAL PERIOD WILL EXPIRE IN nn DAYS

Explanation: The specified product is running on a processor that has more CPUs than your license allows. The temporary authorization that was granted to you will expire in the specified number of days. The product will continue to run.

User response: Contact your BMC sales representative.

BBAPWD28  productID YOUR LICENSE HAS EXPIRED, TRIAL PERIOD WILL EXPIRE IN nn DAYS

Explanation: The license for the specified product has expired. The temporary authorization that was granted to you will expire in the specified number of days. The product will continue to run.

User response: Contact your BMC sales representative.
Messages BMC35100 through BMC35999

This chapter describes messages for the DB2 Product Configuration technology.

Messages BMC35100 through BMC35199

This group includes messages for the DB2 Product Configuration technology.

BMC35101E  Invalid value
Enter one of the listed values for *text*

*Explanation:* You have entered an invalid value.

*User response:* Enter one of the listed values.

BMC35102E  Invalid command
Command entered is not supported on this panel.

*Explanation:* You entered an invalid command.

*User response:* Enter a valid command for this panel.

BMC35103E  Duplicate entry
Each entry in this section must be unique.

*Explanation:* You have made a duplicate entry in a section, and each entry in a section must be unique.

*User response:* Make sure all of your entries in a section are unique.

BMC35105W  Option set in use
Option set *optionSetName* is currently being edited by *userID*

*Explanation:* The option set you are attempting to access is in use.

*User response:* Press PF1 to see who is using the option set. Wait until the option set is not in use to access it.
BMC35106E  Server connection error
An error occurred while trying to connect to the DataStore service. Ensure that a DataStore service is active on this LPAR.

Explanation: The DB2 Component Services (DBC) DataStore Manager is not active.
User response: Start a DBC subsystem on this LPAR. The DBC subsystem must be a member of the default group.

BMC35107E  Error occurred in SETUP
Return code returnCode was returned during setup.

Explanation: An error occurred during setup.
User response: Contact BMC Customer Support.

BMC35108E  Error occurred in INIT
Return code returnCode was returned during initialization.

Explanation: An error occurred during initialization.
User response: Contact BMC Customer Support.

BMC35109I  Changes saved
Changes to optionSetName were successfully saved.

Explanation: Your changes to the specified option set were saved.
User response: No action is required.

BMC35110I  Changes discarded.
Changes made to optionSetName were not saved.

Explanation: Your changes to the specified option set were not saved.
User response: No action is required.

BMC35111E  File not found

Explanation: The template file was not found.
User response: Contact BMC Customer Support.

BMC35112E  Optionset file error

Explanation: There is an error in the option set file.
User response: Contact BMC Customer Support.

BMC35113E  Optionset not found

Explanation: The option set you specified was not found.
User response: Make sure that you entered the correct option set name.
**BMC35114E**  
**Optionset** `opcionSetName` **already exists.** The **SAVEAS** command will not replace an existing optionset.  
*Explanation:* The specified option set exists. You cannot use the Save As command to replace an existing option set.  
*User response:* Specify a different option set name.

**BMC35115E**  
**Validation error**  
*Explanation:* An error was found in the option set information that you entered.  
*User response:* Use the text of the message to locate and correct the error.

**BMC35116E**  
**Error sending command**  
*Explanation:* A communication failure occurred with DBC.  
*User response:* Contact BMC Customer Support.

**BMC35117E**  
**Unable to locate the Datastore Manager**  
**Start the server on the system where the Datastore Manager executes and try again.**  
*Explanation:* The DBC Datastore Manager is not active.  
*User response:* Ensure that DBC agents are started in the DBC subsystem and that the server is started.

**BMC35118E**  
**Dataset not found**  
**Dataset** `dataSetName` **not found.**  
*Explanation:* A template data set was not found.  

**BMC35119E**  
**XML parsing error**  
**Error occurred processing XML in template** `templateType`  
*Explanation:* An error occurred processing XML in the template file. The text provides the template type.  
*User response:* Contact BMC Customer Support.

**BMC35120E**  
**Template error**  
**Inconsistent/invalid initialization or validation**  
*Explanation:* An error occurred while merging an option set with the template file. The text provides the option set name and the template file name.  
*User response:* Contact BMC Customer Support.
### BMC35121E

**Optionset** `optionSetName` already exists. Enter a different name or press PF12 to cancel the insert action.  

*Explanation:* The specified option set already exists.  

*User response:* Enter a different option set name or cancel the insert action.

---

### BMC35122I

**Insert cancelled**  
**Insert of new optionset was cancelled.**  

*Explanation:* An Insert action was cancelled.  

*User response:* No action is required.

---

### BMC35123I

**SAVEAS cancelled**  
**Save of current optionset as a new option set was cancelled.**  

*Explanation:* A Save As action was cancelled.  

*User response:* No action is required.

---

### BMC35124E

**Invalid template type**  
**text**  

*Explanation:* There is an error in the template XML.  

*User response:* Contact BMC Customer Support.

---

### BMC35125E

**Missing file name**  
**fileType template defines neither DSN nor filename.**  

*Explanation:* A file name is missing. The message text provides the missing file type.  

*User response:* Contact BMC Customer Support.

---

### BMC35126E

**Template not found**  
**Template type templateType for productNameVersion not found.**  

*Explanation:* A template file is missing. The message text provides the template file type.  

*User response:* Contact BMC Customer Support.

---

### BMC35127E

**Product not found**  
**Product productNameVersion not found.**  

*Explanation:* The product that you specified was not found. The message text indicates the product name.  

*User response:* Contact BMC Customer Support.

---

### BMC35128I

**No response from server**  
**The server did not return a response to the last command. Check the output DD's on the server for errors.**  

*Explanation:* The server that you are attempting to access is not responding. The text indicates the server name.  

*User response:* Check the output DDs on the server for errors.
BMC35129E  Could not open dataset
Dataset dataSetName not opened. Ensure it is not in use by another user or job.

Explanation: The data set could not be opened. The text indicates the data set name.
User response: Ensure the data set is not in use by another user or job.

BMC35130E  XML Document Parse Error
Line (x:y) XML Error, Tag overlap (tag starts @m/n ‘tag’)

Explanation: The XML document specified in the message is invalid.
User response: Contact BMC Customer Support.

BMC35131I  Place the cursor in the +/- field or enter an S to toggle the state of the section between open and closed. Enter an I in the +/- field to insert (create) a new optionset. In front of an optionset enter an E or S to edit, C to copy, or D to delete.

Explanation: This message is instructional and provides information about valid actions that you can take on the panel.
User response: No action is required.

BMC35132E  Invalid line command
Place the cursor in the +/- field or enter an S to toggle the state of the section between open and closed. Enter an I to insert (create) a new optionset.

Explanation: You entered an invalid command at the current location of your cursor.
User response: Enter one of the following valid commands:

- Place the cursor in the +/- field or enter an S to toggle the state of the section between open and closed.

- Enter an I to insert (create) a new option set.

BMC35133E  Invalid line command
Enter a C to copy the optionset, E to edit the optionset, or D to delete the optionset.

Explanation: You entered an invalid command at the current location of your cursor.
User response: Enter one of the following valid commands:

- C to copy the option set

- E to edit the option set

- D to delete the option set
BMC35134E  Invalid action command
Place the cursor in the +/- field or enter an S to toggle the state of
the section between open and closed.

Explanation:  You entered an invalid command at the current location of your
cursor.

User response:  Place the cursor in the +/- field or enter an S to toggle the state
of the section between open and closed.

BMC35135E  Invalid action command
Enter an I to insert a new row with default values or D to delete the first row.

Explanation:  You entered an invalid command for the row.

User response:  Enter one of the following valid commands:

- I to insert a new row with default values
- D to delete the first row

BMC35136E  Invalid action command
Enter an I to insert a new row with default values after this row, D to delete
this row, or R to repeat this row.

Explanation:  You entered an invalid command for the row.

User response:  Enter one of the following valid commands:

- I to insert a new row with default values after this row
- D to delete this row
- R to repeat this row

BMC35137I  Optionset deleted
Optionset optionSetName was successfully deleted.

Explanation:  The option set specified was deleted.

User response:  No action is required.

BMC35138I  Delete cancelled
Delete of optionset optionSetName was cancelled.

Explanation:  A Delete action for the specified option set was cancelled.

User response:  No action is required.

BMC35139W  Optionset in use
Optionset OptionSetName is currently being edited by userID and cannot be
deleted while being used by another user.

Explanation:  The specified option set is in use and cannot be deleted.

User response:  To delete the option set, you must wait until it is not in use.
**BMC35140I**  
**Client ID Mismatch**  
*Explanation:* The user ID does not match the ID on the server.  
*User response:* No action is required. However, if the problem persists, you may need to restart the DBC subsystem.

**BMC35141E**  
**Client ID Mismatch**  
*Explanation:* The user ID does not match the ID on the server.  
*User response:* No action is required. However, if the problem persists, you may need to restart the DBC subsystem.

**BMC35142E**  
**RegEx Compile Error**  
*Pattern pattern failed to compile. EC: text, EM: text*  
*Explanation:* A compilation error occurred.  
*User response:* Contact BMC Customer Support.

**BMC35143E**  
**Invalid name**  
*A valid name conforms to PDS member naming conventions unless a product allows something different. Refer to product documentation for possible differences.*  
*Explanation:* The option set name is not valid.  
*User response:* Refer to the product documentation for the rules for option set names.

**BMC35144E**  
**DBC API Error**  
*text*  
*Explanation:* You have encountered a DBC API error.  
*User response:* Contact BMC Customer Support.

**BMC35145I**  
**Unavailable option**  
*The menu option you have selected is unavailable.*  
*Explanation:* The menu option is not available.  
*User response:* No action is required.

**BMC35146I**  
**This is a READ ONLY option set. Changes cannot be saved. Use the SAVEAS command to create a new option set based on this option set.**  
*Explanation:* You are trying to save a READ ONLY option set. You must use the SAVEAS command to create a new option set based on the READ Only option set.  
*User response:* No action is required.
**BMC35147I**  
**Changes discarded.**  
Changes to READ ONLY option set *optionSetName* were NOT saved.

*Explanation:* Changes to a READ ONLY option set have been discarded. You must use the SAVEAS command to create a new option set based on the READ Only option set.

*User response:* No action is required.

---

**BMC35148I**  
**Copy cancelled.**  
Copy of existing option set was cancelled.

*Explanation:* The copy of an existing option set was cancelled.

*User response:* No action is required.

---

**BMC35149E**  
**Entries must be unique.**  
Each entry in the *sectionTitle* section must be unique. Open the section to see the duplicate entry(s).

*Explanation:* Entries in each section must be unique.

*User response:* Open the section to see the duplicate entries and make changes so no duplicates exist.

---

**BMC35150E**  
**text**

*Explanation:* An option failed validation but is not visible on the screen. The option is located in section *sectionTitle*. Open the section(s) to locate and correct the option.

If the option does not have a parent, you receive the message "Scroll up or down to locate and correct the option."

*User response:* Follow the instructions given in the message to correct the error.

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### Messages BMC35900 through BMC35999

This group includes messages for the DB2 Product Configuration technology.

**BMC35998E**  
**text**

*Explanation:* This message provides context data for a validation error. It includes the product code and the field name, the instructions text, or the option ID.

*User response:* Make corrections to your entries based on the information provided in the message.
BMC35999S | INTERNAL ERROR: FILE(fileName) LINE(lineNumber) CODE(errorCode)

Explanation: This message provides data for an internal error. It includes the file name, line number, and error code.

User response: Contact BMC Support.
Messages BMCBMR01 through BMCBMRAI

This group includes messages for the BMC Internet Service Retrieval (ISR).

Messages BMCBMR01 through BMCBMR99

This group includes messages for the BMC Internet Service Retrieval (ISR).

**BMCBMR30E**

Unable to establish the SYSCALL environment necessary to run this exec.

*Explanation:* BMC ISR could not connect to the SYSCALL environment.

*User response:* Establish a SYSCALL environment.

**BMCBMR31E**

Unable to set effective UID to 0. SUPERUSER authority is required to mount filesystems. Retval = returnValue

*Explanation:* The user ID did not have SUPERUSER authority, which is required to mount the file systems.

*User response:* Ensure that the user ID has SUPERUSER authority, and retry the operation.

**BMCBMR32S**

pathname bad return code errno = errorNum errnojr= errorNumJr

*Explanation:* A fatal error occurred.

*User response:* Review the returned error number.

**BMCBMR33I**

pathname not created..already exists

*Explanation:* The specified path name already exists.

*User response:* No action is required.

**BMCBMR34I**

Attempting to create directory pathname

*Explanation:* BMC ISR is attempting to create the specified directory.

*User response:* No action is required.
BMCBMR35E  Create failed  errno = errorNum  errnojr = errorNumJr
Explanation:  BMC ISR failed to create a directory in the file system.
User response:  Verify that the user ID has write authority on the file system.

BMCBMR36I  Create successful
Explanation:  BMC ISR successfully created the specified directory.
User response:  No action is required.

BMCBMR37I  Set UID/GID for pathName to userID  groupId successful.
Explanation:  BMC ISR successfully set the specified path name.
User response:  No action is required.

BMCBMR38E  Set UID/GID for pathName to userID  groupId unsuccessful.
Explanation:  BMC ISR could not set the user ID and group ID to the specified path name.
User response:  Review the file system for mount and permission issues and retry the operation.

BMCBMR39I  Attempting to mount fileSystem on pathName
Explanation:  BMC ISR is attempting to mount the file system.
User response:  No action is required.

BMCBMR40E  Mount failed  errno = errorNum  errnojr = errorNumJr
Explanation:  BMC ISR could not mount the file system mountpoint.
User response:  Verify that the file is mounted and that the user ID and group ID have the correct permissions.

BMCBMR41I  Mount successful.
Explanation:  BMC ISR successfully mounted the file system.
User response:  No action is required.

BMCBMR42I  Attempting to create directory pathName.
Explanation:  BMC ISR is attempting to create the specified directory.
User response:  No action is required.

BMCBMR43I  DirectoryName directory already exists in this file system. No action taken.
Explanation:  The specified directory already exists.
User response:  No action is required.
BMCBMR44E  Directory creation failed  
Explanation: BMC ISR could not create the new directory.  
User response: Review the error number to determine the cause of this error.

BMCBMR45I  Directory creation was successful.  
Explanation: BMC ISR successfully created the directory.  
User response: No action is required.

BMCBMR46I  Set UID/GID for ISR directory pathName to userID groupID was successful.  
Explanation: BMC ISR successfully set the specified path name.  
User response: No action is required.

BMCBMR47E  Set UID/GID for ISR directory pathName to userID groupID was unsuccessful.  
Explanation: BMC ISR could not set the user ID and group ID to the specified path name.  
User response: Review the file system for mount and permission issues and retry the operation.

BMCBMR48E  The installed version version of BMC ISR cannot process this service request. Update your version of BMC ISR and try retrieving the service package again.  
Explanation: To process this service request, you need an updated version of BMC ISR. The system terminates request processing.  
User response: Download and install the latest version of BMC ISR from the ESD FTP site and try retrieving the service package again.

BMCBMR50E  Unable to read ddname.  
Explanation: BMC ISR could not read the specified data set.  
User response: Ensure that the specified data set is available for input.

BMCBMR51E  Unable to write to ddname.  
Explanation: BMC ISR could not write to the specified data set.  
User response: Ensure that the specified data set is available for output.

BMCBMR52E  Unable to allocate dataSet.  
Explanation: BMC ISR could not allocate the specified data set.  
User response: Ensure that the specified data set is available for processing.

BMCBMR53E  Unable to free dataSet.  
Explanation: BMC ISR could not free the specified data set. Request processing continues.  
User response: Issue a TSO FREE DS (’DataSet’) command to free the data set.
BMCBMR54E  Unable to LIBDEF dataSet.
Explanation:  BMC ISR could not provide LIBRARY definitions for the specified data set.
User response:  Ensure that the specified data set is available for LIBDEF.

BMCBMR55E  Input file ddname is empty.
Explanation:  The specified data set is empty.
User response:  Ensure that the task that populates the data set completed processing.

BMCBMR56E  Invalid data set name dataSet.
Explanation:  The specified data set is an invalid data set name.
User response:  Enter a valid data set name.

BMCBMR57E  Not all parms present. Parm parameter is missing.
Explanation:  The specified parameter is missing from the BMC ISR Request panel.
User response:  Enter the missing parameter on the BMC ISR Request panel and press Enter.

BMCBMR58I  ISR Process status information.
Explanation:  This message precedes the process status information.
User response:  No action is required.

BMCBMR59I  ISR Process record information.
Explanation:  This message precedes the process record information.
User response:  Verify that the information on the panel is correct.

BMCBMR60E  Invalid format for multiple line input. Record is record.
Explanation:  In the multiple-line input that contains the specified record, the record that should contain a required equal sign is missing.
User response:  Verify that the information listed on the BMC ISR Request panel is correct. If so, check the parms data set.

BMCBMR61E  First input parameter must be REQ.
Explanation:  BMC ISR requires that the first input parameter be REQ, but another parameter was entered first.
User response:  Verify that the information on the BMC ISR Request panel is correct.
BMCBMR62E  **Invalid parm value parameter.**
Explanation: The specified parameter is invalid. Valid parameters are REQ, CONTENT, FORTGTZONES, SUFGBL, and EMAIL.
User response: Specify a valid parameter.

BMCBMR63E  **Duplicate parm parameter.**
Explanation: The request includes the specified parameter twice. You can include the parameter only once.
User response: Specify the named parameter once.

BMCBMR64E  **Value of value is invalid for parameter REQ.**
Explanation: ORDER is the only value that is valid for the REQ parameter.
User response: Specify ORDER for the REQ parameter.

BMCBMR65E  **Invalid value value is for PARM.**
Explanation: The specified value for the PARM parameter is invalid.
User response: Specify a valid value for the PARM parameter.

BMCBMR66E  **Invalid value value for parameter CONTENT.**
Explanation: The specified value for the CONTENT parameter is invalid.
User response: Specify a valid value for the CONTENT parameter.

BMCBMR66E  **Targetzone or Zoneset value value is not alphanumeric.**
Explanation: The value for the SUFGBL parameter must be the alphanumeric name of the CSI data set that contains the SMP/E GLOBAL zone. The specified value is not alphanumeric.
User response: Specify an alphanumeric value for the target zone or zoneset.

BMCBMR69E  **Invalid length for Targetzone or Zoneset value value.**
Explanation: The specified target zone or zoneset name is too long. The target zone name cannot exceed 7 characters, and the zoneset name cannot exceed 8.
User response: Specify a name that does not exceed the maximum length.

BMCBMR70E  **No value specified for EMAIL.**
Explanation: You are required to enter the value for the EMAIL parameter twice (the second time to verify correct entry).
User response: Specify a valid e-mail address for the EMAIL parameter and verify it.
**BMCBMR71E**  **SUFGBL value value is not alphanumeric.**  
*Explanation:* The value for the SUFGBL parameter must be the alphanumeric name of the CSI data set that contains the SMP/E GLOBAL zone. The specified value is not alphanumeric.  
*User response:* Specify an alphanumeric SUFGBL value.

**BMCBMR72E**  **The length of the SUFGBL value value exceeds 44 characters.**  
*Explanation:* The SUFGBL parameter indicates the CSI data set that contains the SMP/E GLOBAL zone. The specified value for the SUFGBL parameter is too long. The value cannot exceed 44 characters.  
*User response:* Specify a valid SUFGBL value that does not exceed 44 characters.

**BMCBMR73E**  **Parms data set invalid. Must contain both SUFGBL and TGTZONE record**  
*Explanation:* A parms data set, used for input processing, did not contain both a SUFGBL and a TGTZONE record.  
*User response:* Specify a valid parms data set for processing.

**BMCBMR74E**  **The PUT value value is not in the format PUT yy0rx (r=1 or 2, x=A or B)**  
*Explanation:* The specified value for the PUT parameter is invalid.  
*User response:* Enter a valid PUT value. Use the format PUT yy0rx, where yy is the last two digits of the calendar year, r is 1 or 2, and x is A or B. Specify 1A for service delivered in February, 1B for May, 2A for August, and 2B for November.

**BMCBMR75E**  **The value 0r of PUT yy0rx in value must be 01 or 02.**  
*Explanation:* The specified value for the PUT parameter is invalid.  
*User response:* Enter a valid PUT value. Use the format PUT yy0rx where yy is the last two digits of the calendar year, r is 1 or 2, and x is A or B. Specify 1A for service delivered in February, 1B for May, 2A for August, and 2B for November.

**BMCBMR76E**  **The value x of PUT yy0rx in value must be A or B.**  
*Explanation:* You specified an invalid value for the PUT parameter.  
*User response:* Enter a valid PUT value. Use the format PUT yy0rx where yy is the last two digits of the calendar year, r is 1 or 2, and x is A or B. Specify 1A for service delivered in February, 1B for May, 2A for August, and 2B for November.

**BMCBMR77E**  **Invalid comment format in line lineNumber**  
*Explanation:* The comment in the specified line is formatted incorrectly.  
*User response:* Use /* to begin the comment and */ to end it.
**BMCBMR78E**  
**PTF or APAR value value is not alphanumeric.**  
*Explanation:* The PTF or APAR value must be alphanumeric.  
*User response:* Enter a valid PTF or APAR value.

**BMCBMR79E**  
**The length of PTF or APAR value value is not 7 characters.**  
*Explanation:* The PTF or APAR value must be 7 characters.  
*User response:* Enter a valid PTF or APAR value.

**BMCBMR80E**  
**Excessive leading parentheses in value.**  
*Explanation:* The specified value has too many leading (opening) parentheses.  
*User response:* Delete the extra parentheses.

**BMCBMR81E**  
**Nonmatching parentheses in value.**  
*Explanation:* The specified value has at least one parenthesis with no match (for example, an opening parenthesis without a closing parenthesis).  
*User response:* Edit the value to ensure that every parenthesis is part of a matched pair.

**BMCBMR82E**  
**‘=’ sign missing in the parameter line line.**  
*Explanation:* In the specified line, the parameter's equal sign is missing.  
*User response:* Include the equal sign in the proper location in the specified line.

**BMCBMR83E**  
**Invalid quote character found in column column of line line.**  
*Explanation:* In the specified column, the specified line includes a quotation mark. The quotation mark is not a valid entry.  
*User response:* Remove the quotation mark.

**BMCBMR86E**  
**Invalid format in Zonedef line record. Keyword entry must be first record.**  
*Explanation:* The returned values following a Zonedef search are not in the correct format, or an incorrect data set is being used as input.  
*User response:* Contact BMC Customer Support.

**BMCBMR88E**  
**Keyword prodList not found in input file.**  
*Explanation:* The specified keyword was not found in the data set that was created in the stepxtrxn step of the extraction job.  
*User response:* Verify that the step ran correctly. If necessary, change the disposition of TRXIN step STEPDRX to OLD, CATLG and rerun the job. Then, browse the ‘FMIDTMP’ data set.
**Unable to get time from system.**

Explanation: BMC ISR was unable to retrieve the time from the system.

User response: Retry the process (interactive or batch) that was executing when BMC ISR presented this message. If the application continues to fail, contact BMC Customer Support.

**Unable to create incomingPath.**

Explanation: BMC ISR was unable to create the specified path due to insufficient authority or because the mount point for the path was incorrect.

User response: Ensure that you have superuser authority to issue commands for UNIX System Services (USS), including write access to the frombmc directory. Then, verify the following items:

- The mount point for the specified path is the same one that you created in the HFS or ZFS allocation job.
- HFS or ZFS is mounted and active in USS.
- HFS or ZFS has ample space to process the request.

For more information, see the z/OS V1R9.0 UNIX System Services Messages and Codes manual from IBM.

**Unable to create outgoingPath.**

Explanation: BMC ISR was unable to create the specified path due to insufficient authority or because the mount point for the path was incorrect.

User response: Ensure that you have superuser authority to issue commands for UNIX System Services (USS), including write access to the tobmc directory. Then, verify the following items:

- The mount point for the specified path is the same one that you created in the HFS or ZFS allocation job.
- HFS or ZFS is mounted and active in USS.
- HFS or ZFS has ample space to process the request.

For more information, see the z/OS V1R9.0 UNIX System Services Messages and Codes manual from IBM.
Unable to delete incomingPath.

Explanation: BMC ISR was unable to delete the specified path due to insufficient authority or because the HFS mount point for the path was incorrect.

User response: Ensure that you have superuser authority to issue commands for UNIX System Services (USS), including delete access to the frombmc directory. Then, verify the following items:

- The mount point for the specified path is the same one that you created in the HFS or ZFS allocation job.
- HFS or ZFS is mounted and active in USS.

For more information, see the z/OS V1R9.0 UNIX System Services Messages and Codes manual from IBM.

Unable to delete outgoingPath.

Explanation: BMC ISR was unable to delete the specified path due to insufficient authority or because the mount point for the path was incorrect.

User response: Ensure that you have superuser authority to issue commands for UNIX System Services (USS), including delete access to the tobmc directory. Then, verify the following items:

- The mount point for the specified path is the same one that you created in the HFS or ZFS allocation job.
- HFS or ZFS is mounted and active in USS.

Messages BMCBMRA1 through BMCBMRAI

This group includes messages for the BMC Internet Service Retrieval (ISR).

No pathName_or_HLQ name specified.

Explanation: A required path name or high-level qualifier (HLQ) is missing in the BMRRSR12 program execution step.

User response: In the first parameter of the execution step, specify the required path name or HLQ as follows:

- If LOCN = ACUST or ABMC and Action Type = MKZIP, specify a data set HLQ.
- If LOCN = ACUST and Action Type = UNZIP, specify the path name for the frombmc directory.
If LOCN = ABMC and Action Type = UNZIP, specify the path name for the incoming directory.

BMCBMRA2E  No HLQ for file names specified.
Explanation: A required HLQ is missing in the BMRRSR12 program execution step.
User response: In the second parameter of the execution step, specify a valid data set HLQ.

BMCBMRA3E  No REQID name specified.
Explanation: A required request ID is missing in the BMRRSR12 program execution step.
User response: In the third parameter of the execution step, ensure that the request ID is valid.

BMCBMRA4E  GIMZIP Action Type is blank.
Explanation: The Action Type parameter (fourth input parameter in the BMRRSR12 program execution step) is blank. This parameter requires a value.
User response: Specify one of the following values for the action type: ZIP, UNZIP, GTPKG, MKZIP, or MKUNZIP.

BMCBMRA5E  GIMZIP Action Type is not ZIP, UNZIP, GTPKG, MKZIP, or MKUNZIP
Explanation: The Action Type parameter (fourth input parameter in the BMRRSR12 program execution step) does not specify a valid value.
User response: Specify one of the following values for the action type:

- If LOCN = ACUST, specify MKZIP or MKUNZIP.
- If LOCN = ABMC, specify ZIP, UNZIP, or GTPKG.

BMCBMRA6E  LOCN Type is blank
Explanation: The LOCN parameter (last input parameter in the BMRRSR12 program execution step) is blank.
User response: Specify one of the following values for the LOCN parameter: ACUST (at customer) or ABMC (at BMC).

BMCBMRA7E  LOCN Type is not ACUST or ABMC
Explanation: The LOCN parameter (last input parameter in the BMRRSR12 program execution step) is not ACUST or ABMC.
User response: Specify one of the following values for the LOCN parameter: ACUST (at customer) or ABMC (at BMC).
**BMCBMRA8E**  
**Syscall environment error RC=returnCode**  
*Explanation:*  
The Syscall environment contains errors. See the return code for additional explanation.  
*User response:*  
Ensure that BMC ISR is running on a system that supports Syscall commands for UNIX System Services (USS).

**BMCBMRA9E**  
**Unable to open pathName**  
*Explanation:*  
BMC ISR could not read the specified path due to insufficient authority or because the HFS mount point for the path is incorrect.  
*User response:*  
Ensure that you have the proper authority to issue commands for Unix System Services (USS), including read and write access to the specified directory.

**BMCBMRAAE**  
**No files were found to zip**  
*Explanation:*  
Either BMC ISR could not find HLQ.TOBMC, or the file has an invalid format.  
*User response:*  
Ensure that the extract job completed successfully and that BMC ISR created HLQ.TOBMC. Also, ensure that HLQ.TOBMC contains member IPARMS.

**BMCBMRABE**  
**Unable to write SYSERR error records.**  
*Explanation:*  
BMC ISR was unable to write errors to DD SYSERR because DD SYSERR was unavailable.  
*User response:*  
Ensure that DD SYSERR is available during the BMRRSR12 and BMRRMKDR execution steps.
Messages BMCDBC0001 through BMCDBC0299

This chapter provides information about messages and codes generated by DB2 Component Services (DBC).

BMCDBC0001 through BMCDBC0299

This message range contains error messages for the DBC component.

Messages BMCDBC0001 through BMCDBC0099

This group includes messages for the DBC component.

**BMCDBC0001**  
Message *messageID* not found

*Explanation:* This message indicates an internal error.

*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0002E**  
Error loading *moduleName*

*Explanation:* An attempt to load module *moduleName* failed.

*User response:* Ensure that the module exists in the library containing the DBC product. If you cannot determine the cause of the error, gather all DBC output and the SYSLOG from the time of the error and contact BMC Customer Support.

**BMCDBC0003E**  
Cannot open file *ddname* reason = *reasonText*

*Explanation:* An attempt to open file *ddname* failed.

*User response:* If *ddname* is DBCPARMS, ensure that this DD name is present in the DBC JCL and points to the DBC startup options. If *ddname* is DBCPRINT, ensure that this DD name is present in the DBC JCL and is defined as a
SYSOUT file. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

**BMCDBC0004E**  
**DBC|DBCUTIL is not APF authorized**  
*Explanation:* The library from which DBCMAIN or DBCUTIL is executing is not APF authorized.  
*User response:* Ensure that the library is added to the list of authorized libraries.

**BMCDBC0005E**  
**DBCASUBS function code=functionCode, return code=returnCode**  
*Explanation:* This message indicates an internal error.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0006E**  
**Invalid cell pool descriptor at cellPoolAddress**  
*Explanation:* This message indicates an internal error.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0007E**  
**Attempt to free unallocated storage at storageAddress**  
*Explanation:* This message indicates an internal error.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0008E**  
**Read error on dsname, errorDescription**  
*Explanation:* An error occurred while DBC was trying to read data set dsname.  
*User response:* Browse the data set to ensure that it is not physically damaged. If you cannot determine the cause of the error, gather all DBC output and the SYSLOG from the time of the error and contact BMC Customer Support.

**BMCDBC0009I**  
**informationText**  
*Explanation:* This informational message displays the following types of information:  
- DBC control information  
- current list of applied PTF numbers  
- 80-bytes of a product definition XML document  
*User response:* No action is required.

**BMCDBC0010I**  
**XML string area expanded to byteCount bytes**  
*Explanation:* The internal buffer that contains the XML string has been expanded.  
*User response:* No action is required.
DBC parser failed to *errorText*, return code= *returnCode*, reason code= *reasonCode*

*Explanation*: An XML parsing error occurred. The *errorText* identifies the specific parsing error.

*User response*: Review the following table to determine possible errors and the appropriate responses.

<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| get <TARGET> DBCSSID node value                     | A `<DBCSSID>` node was found within the scope of the `<TARGET>` specification, but the parser was unable to return the node value. This issue might indicate corruption in the internal XML parse structure.  
  *User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support. |
| get <TARGET> MVSNAME node value                     | A `<MVSNAME>` node was found within the scope of the `<TARGET>` specification, but the parser was unable to return the node value. This issue might indicate a corruption in the internal XML parse structure.  
  *User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support. |
| get <TARGET> node sibling                           | A `<TARGET>` XML element was found but no actual command was found.  
  *User response*: Add a command following the `<TARGET>` specification and retry the request. |
| get <TARGET> node sibling name                      | A command node was found following the `<TARGET>` specification, but the parser was unable to return the node name. This issue might indicate corruption in the internal XML parse structure.  
  *User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support. |
| get <TARGET> SMFID node value                       | A `<SMFID>` node was found within the scope of the `<TARGET>` specification but the parser was unable to return the node value. This issue might indicate corruption in the internal XML parse structure.  
  *User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support. |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>invalid <code>&lt;TARGET&gt;</code> DBCSSID length</td>
<td>A <code>&lt;DBCSSID&gt;</code> node value was found but the length of the supplied SSID is invalid. The maximum length for a SSID is 4 bytes.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Correct the <code>&lt;DBCSSID&gt;</code> value and retry the request</td>
</tr>
<tr>
<td>invalid <code>&lt;TARGET&gt;</code> MVSNAMES length</td>
<td>A <code>&lt;MVSNAMES&gt;</code> node value was found but the length of the supplied MVSNAMES is invalid. The maximum length for MVSNAMES is 8-bytes.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Correct the <code>&lt;MVSNAMES&gt;</code> value and retry the request</td>
</tr>
<tr>
<td>invalid <code>&lt;TARGET&gt;</code> SMFID length</td>
<td>A <code>&lt;SMFID&gt;</code> node value was found but the length of the supplied SMFID is invalid. The maximum length for a SMFID is 4-bytes.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Correct the <code>&lt;SMFID&gt;</code> value and retry the request</td>
</tr>
<tr>
<td>get <code>&lt;COMMAND&gt;</code> node child</td>
<td>The <code>&lt;COMMAND&gt;</code> XML element was found but does not contain a required command.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Add a valid DBC command after the <code>&lt;COMMAND&gt;</code> element and retry the request.</td>
</tr>
<tr>
<td>get <code>&lt;COMMAND&gt;</code> node child name</td>
<td>The parser failed to return 1st child node name of the <code>&lt;COMMAND&gt;</code> element. This may indicate an internal corruption in the parser structure.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support.</td>
</tr>
<tr>
<td>get <code>&lt;TRACE&gt;</code> PRINT node value</td>
<td>The <code>&lt;PRINT&gt;</code> element of the TRACE command has no value.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Supply one of the valid node values (YES</td>
</tr>
<tr>
<td>invalid <code>&lt;EVENTDEF&gt;</code> NAME value</td>
<td>The supplied <code>&lt;NAME&gt;</code> value for the EVENTDEF element is invalid.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Correct the <code>&lt;NAME&gt;</code> value and retry the request.</td>
</tr>
<tr>
<td>invalid <code>&lt;EVENTDEF&gt;</code> DATAVAR value</td>
<td>The supplied <code>&lt;DATAVAR&gt;</code> value for the EVENTDEF element is invalid.</td>
</tr>
<tr>
<td></td>
<td><em>User response:</em> Correct the <code>&lt;DATAVAR&gt;</code> value and retry the request.</td>
</tr>
<tr>
<td>Error text</td>
<td>Description and user response</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| get EVENTPUB `<NAME>` node sibling           | The parser failed while attempting to locate any optional `<DATAVAR>` XML elements.  
*User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support.                                                                                     |
| invalid `<EVENTSUB>` SUBID value              | The supplied `<SUBID>` value for the `<EVENTSUB>` element is invalid.  
*User response*: Correct the `<SUBID>` value and retry the request.                                                                                                                                                    |
| get doc element node                          | The parser failed to locate the top node element of the current XML document. This issue might indicate an internal corruption in the parser structure.  
*User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support.                                                                                      |
| get node name                                  | The parser failed to return the top node element name of the current XML document. This issue might indicate an internal corruption in the parser structure.  
*User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support.                                                                                      |
| get `<PRODUCT>` LOADLIB node value            | The parser failed to return a value for the `<LOADLIB>` child node of the `<PRODUCT>` XML element. This issue might indicate an internal corruption in the parser structure.  
*User response*: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support.                                                                                      |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>get &lt;EVENTPUB&gt; NAME node value</td>
<td>The parser failed to return a value or name for the XML element identified in the error text. This may indicate an internal corruption in the parser structure. User response: Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support.</td>
</tr>
<tr>
<td>get &lt;EVENTDEL&gt; NAME node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;EVENTSUB&gt; NAME node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;EVENTUNSUB&gt; NAME node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;EVENTSUB&gt; SUBID node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;EVENTDEF&gt; NAME node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;EVENTDEF&gt; DATAVAR node value</td>
<td></td>
</tr>
<tr>
<td>get DBCCMD node value</td>
<td></td>
</tr>
<tr>
<td>get DATAVAR node name</td>
<td></td>
</tr>
<tr>
<td>get DATAVAR node value</td>
<td></td>
</tr>
<tr>
<td>get PRODUCT node value</td>
<td></td>
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<tr>
<td>get FMID node value</td>
<td></td>
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<tr>
<td>get PIID node value</td>
<td></td>
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<tr>
<td>get SAFCLASS node value</td>
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<tr>
<td>get VERSION node value</td>
<td></td>
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<tr>
<td>get GROUP node value</td>
<td></td>
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<tr>
<td>get FUNCTION node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;FUNCTION&gt; LOADLIB node value</td>
<td></td>
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<tr>
<td>get INIT node value</td>
<td></td>
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<tr>
<td>get TERM node value</td>
<td></td>
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<tr>
<td>get ENCLAVE node value</td>
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<tr>
<td>get SRB node value</td>
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<tr>
<td>get QUEUE node value</td>
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<tr>
<td>get AGENT node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;AGENT&gt; CMD node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;AGENT&gt; LOADLIB node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;AUTOEXEC&gt; INIT node value</td>
<td></td>
</tr>
<tr>
<td>get PROCESS node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;PROCESS&gt; CMD node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;PROCESS&gt; STPARMS node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;PROCESS&gt; PERM node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;PROCESS&gt; SWAP node value</td>
<td></td>
</tr>
<tr>
<td>get &lt;PROCESS&gt; CANCEL node value</td>
<td></td>
</tr>
</tbody>
</table>

**BMCDBC0012E**  **DBC parse error: descriptiveText**

*Explanation:* An internal parsing error occurred.

*User response:* Gather all DBC output and contact BMC Customer Support.
BMCDBC0013E  DBC {Invalid DBCPARMS | Invalid OPTIONS | Duplicate OPTIONS | Missing OPTIONS | Invalid DBC_SAF_OPTIONS | Invalid DPRREPOS | Duplicate DPRREPOS} keyword keyword

Explanation: An invalid XML keyword was detected.

User response: Verify that the format of the DBC startup and security options is correct. If you cannot determine the incorrect option, gather all DBC output and contact BMC Customer Support.

BMCDBC0014E  DBC unable to obtain storage for object

Explanation: Insufficient private area storage was available to satisfy a request.

User response: Ensure that the private area storage for the DBC address space is not limited by an installation exit, a region size default, or the REGION parameter. BMC recommends that you specify the REGION parameter as 0M. If the region does not appear to be limited, gather all DBC output and contact BMC Customer Support.

BMCDBC0015E  DBC error {creating | retrieving} name/token, return code= returnType

Explanation: This message indicates an internal error.

User response: Gather all DBC output and contact BMC Customer Support.

BMCDBC0016E  DBC SSI {query | add | put | SSVT create | SSVT exchange | SSID activate | SSID deactivation} services error, return code= returnType, reason code= reasonCode

Explanation: This message indicates an internal error.

User response: Gather all DBC output and contact BMC Customer Support.

BMCDBC0017E  (Non-)DBC subsystem ssid already {active | defined}

Explanation: Another active DBC subsystem already used the specified ssid value in its DBC startup parameters, or another application already defined the ssid value.

User response: Ensure that a DBC subsystem with the specified ssid is not already active, and that the ssid is not being used for another application.

BMCDBC0018E  DBC return code= returnType, reason code= reasonCode

Explanation: This message is issued with other messages to list return and reason codes.

User response: For more information about the error, see the message that was issued with BMCDBC0018E.

BMCDBC0019I  DBC created message queue, ID= queueID

Explanation: A DBC subsystem address space communication message queue was successfully created.

User response: No action is required.
**BMCDBC0020I**  
**DBC removed message queue, ID= queueID**  
*Explanation:* A DBC subsystem address space communication message queue was successfully deleted.  
*User response:* No action is required.

**BMCDBC0021E**  
**DBC unable to remove message queue, ID= queueID, return code= returnCode, reason code= reasonCode**  
*Explanation:* This message indicates an internal error.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0022E**  
**DBC unable to create queueName queue, reason code = reasonCode**  
*Explanation:* This message indicates an internal error.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0023E**  
**DBC unable to create DPRCOMP**  
*Explanation:* This message indicates an internal error.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0024E**  
**DPR XM queue service error, rc= returnCode rsn= reasonCode**  
*Explanation:* The request to start the DPR service for cross-address-space communication failed. The hexadecimal reason code indicates the cause of the error.  
*User response:* Restart the DBC subsystem. If the problem persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0025E**  
**DBC unknown message type= messageType, rc= returnCode rsn= reasonCode**  
*Explanation:* The read request for the work queue failed because the returned message type is not known. This exceptional condition reflects internal data corruption within DBC.  
*User response:* Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0026E**  
**component command queue read request error, rc= returnCode rsn= reasonCode**  
*Explanation:* A read request for the main service work queue for the specified DBC component failed with a return code greater than a warning. The hexadecimal value for the reason code indicates the reason for the failure.  
*User response:* If possible, retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.
BMCDBC0027W  **DPR XM queue read request warning, rc= returnCode rsn= reasonCode**

*Explanation:* The read request returned a warning message. Processing continued with the next incoming request.

*User response:* Check for any DBC output that indicates the reason for the warning message.

BMCDBC0028E  **DPR XM queue read request error, rc= returnCode rsn= reasonCode**

*Explanation:* The request handler task for the service for cross-address-space communication detected an error while reading a request from the USS message queue. If the USS queue is removed from the system, or if the error count exceeded the maximum allowable error count of 100, the task terminates and restarts itself.

*User response:* Retry the request. If the error persists, check the SYSLOG for messages indicating the removal of a USS message queue, gather all DBC output, and contact BMC Customer Support.

BMCDBC0029E  **DBC service(serviceName) start read response error, rc= returnCode rsn= reasonCode**

*Explanation:* The service start request for the named service detected an error while attempting to read the response from the service manager. This exceptional condition reflects an internal error within DBC.

*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0030E  **DBC service(serviceName) start error, rc= returnCode rsn= reasonCode**

*Explanation:* The service manager response to a start request for the named service indicates an error. The service manager issues the message to indicate the cause of the error. This exceptional condition reflects an internal error within DBC.

*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0031E  **DBC service(serviceName) stop read response error, rc= returnCode rsn= reasonCode**

*Explanation:* The service stop request for the named service detected an error while attempting to read the response from the service manager. This exceptional condition reflects an internal error within DBC.

*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0032E  **DBC service(serviceName) stop error, rc= returnCode rsn= reasonCode**

*Explanation:* The service manager response to a stop request for the named service indicates an error. The service manager issues the reason code to
indicate the cause of the error. This exceptional condition reflects an internal error within DBC.

User response: Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0033E**  
**DBC service(serviceName) send cmd/msg read response error, rc= returnCode rsn= reasonCode**

Explanation: The request to read the service manager response from a message or command send function for the named service failed. This exceptional condition reflects an internal error within DBC.

User response: Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0034E**  
**DBC service(serviceName) send cmd/msg error, rc= returnCode rsn= reasonCode**

Explanation: The service manager response to a send message or send command function for the named service failed. The service manager issues the reason code to indicate the cause of the error. This exceptional condition reflects an internal error within DBC.

User response: Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0035E**  
**DBC service(serviceName) read request failed, rc= returnCode rsn= reasonCode**

Explanation: The service manager request to read from the local work queue for the named service failed. This exceptional condition reflects an internal error within DBC.

User response: Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0036E**  
**DBC service(serviceName) invalid command= 'commandName', rc= returnCode rsn= reasonCode**

Explanation: The process command function of the service manager for the named service has detected an unknown command. Valid internal commands for the service manager are SHUTDOWN, START, STOP, and MAXTASKS. This exceptional condition reflects an internal error within DBC.

User response: Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.
**BMCDBC0037E**  
**DBC service**(*serviceName*) send request= *requestName* failed, rc= *returnCode* rsn= *reasonCode*

*Explanation:* The service manager detected an error while sending a work request to the service work task. This exceptional condition reflects an internal error within DBC.

*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0038E**  
**DBC service**(*serviceName*) invalid START command, rc= *returnCode* rsn= *reasonCode*

*Explanation:* The service manager detected an error while processing an internal START work task command for the named service. The reason code identifies the cause of the error. This exceptional condition reflects an internal error in DBC.

*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0039W**  
**DBC service**(*serviceName*) invalid STOP option, rc= *returnCode* rsn= *reasonCode*

*Explanation:* The service manager detected an invalid STOP service command that uses the FORCE option for the named service.

*User response:* Review the accompanying message (BMCDBC0040W), which identifies the incorrect option.

**BMCDBC0040W**  
**DBC service**(*serviceName*) STOP option= 'optionText' ignored

*Explanation:* This message follows message BMCDBC0039W and identifies the incorrect FORCE option that is being ignored. The service STOP command defaults to an action type of QUIESCE.

*User response:* BMC recommends that you report this warning to BMC Customer Support because the command responsible for this message is generated by DBC and should not cause a warning message.

**BMCDBC0041W**  
**DBC service**(*serviceName*) request= 'stopAllTasks', rc= *returnCode* rsn= *reasonCode*

*Explanation:* The service manager detected a nonzero return value from the stopAllTasks function for the named service. The reason code identifies the cause of the error.

*User response:* BMC recommends that you report this message to BMC Customer Support because this function normally does not generate a warning message.
**BMCDBC0042E**  
DBC service(*serviceName*) invalid queue type='*queueType*', rc= *returnCode* rsn= *reasonCode*  
*Explanation:* The service class constructor detected an invalid queue type for the named service. This exceptional condition reflects an unrecoverable internal error in DBC.  
*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0043E**  
DBC service(*serviceName*) task manager start failed, rc= *returnCode* rsn= *reasonCode*  
*Explanation:* The service class routines detected an error while attempting to start the service manager task for the named service. This exceptional condition reflects an internal error in DBC.  
*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0044E**  
DBC task start request invalid, rc= *returnCode* rsn= *reasonCode*  
*Explanation:* The task class routines detected an invalid module name on the task start request. The reason code clarifies the cause of the error. This exceptional condition reflects an internal error in DBC.  
*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0045E**  
DBC task start for module='*moduleName*' failed, rc= *returnCode* rsn= *reasonCode*  
*Explanation:* The task class routines detected an error during the ATTACH process for the named module. The task object created for this module is marked as being in error. The reason code clarifies the cause of the error. This exceptional condition reflects an internal error in DBC.  
*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0046E**  
DBC task *taskClass* sendRequest='*request*' failed, rc= *returnCode* rsn= *reasonCode*  
*Explanation:* The send request function of the task class failed. The address identifies the instance of the task class, and the reason code clarifies the cause of the error. This exceptional condition reflects an internal error in DBC.  
*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.
**BMCDBC0047E**  
**DBC task** taskClass invalid queue type='queueType', rc= returnCode rsn= reasonCode  
*(Explanation:)* The task class routines detected an invalid queue type condition. The invalid queue type value is identified in the message. This exceptional condition reflects an internal error in DBC.  
*(User response:)* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0048E**  
**DBC service**(serviceName) task taskClass start failed, rc= returnCode rsn= reasonCode  
*(Explanation:)* The service class routines detected an error while attempting to start the service-managed work task. The reason code identifies the cause of the error. This exceptional condition reflects an internal error in DBC.  
*(User response:)* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0049E**  
**DBC service**(serviceName) SHUTDOWN opt='optionText' invalid, rc= returnCode rsn= reasonCode  
*(Explanation:)* The service class routines for the named service detected an invalid shutdown command option. The message identifies the invalid option. This exceptional condition reflects an internal error in DBC.  
*(User response:)* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0050W**  
**DBC service**(serviceName) SHUTDOWN request ignored  
*(Explanation:)* This message is issued by the service class routines and accompanies message BMCDBC0049E. The messages indicate that the service shutdown request was invalid and will be ignored.  
*(User response:)* No action is required.  

**BMCDBC0051E**  
**DBC component** main service start failed, rc= returnCode rsn= reasonCode  
*(Explanation:)* The service start request for the specified DBC component of the DBC subsystem failed. This exceptional condition reflects an internal error within DBC.  
*(User response:)* If possible, retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0053E**  
**DBC service**(serviceName) shutdown response error, rc= returnCode rsn= reasonCode  
*(Explanation:)* The service shutdown method sent a shutdown request to the service manager for the named service; however, the subsequent read response to the shutdown request failed. The reason code indicates the cause of the failure. This exceptional condition reflects an internal error within DBC.  
*(User response:)* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.
BMCDBC0054E  

**DBC service(serviceName) shutdown error, rc= returnCode rsn= reasonCode**

*Explanation:* The service shutdown method successfully sent a shutdown request to the service manager for the named service; however, the response from the service manager indicates a problem. The return code and reason code in the messages are from the service manager itself and indicate the cause of the failure. This exceptional condition reflects an internal error within DBC.

*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0055W  

**DBC service(serviceName) start for 'programName' rejected, rc= returnCode rsn= reasonCode**

*Explanation:* A service start request for programName was rejected for the named service. The reason code indicates the cause of the failure. The most common cause of the problem is that the subsystem is already shutting down or the service is stopping.

*User response:* Confirm the subsystem status and retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0056W  

**DBC service(serviceName) command 'commandName' rejected, rc= returnCode rsn= reasonCode**

*Explanation:* A request to send the displayed command to the named service was rejected. The reason code indicates the cause of the failure. The most common cause of the problem is that the subsystem is already shutting down or the service is stopping.

*User response:* Confirm the subsystem status and retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0057W  

**DBC service(serviceName) request error, rc= returnCode rsn= reasonCode**

*Explanation:* A request to send a message to the work task for the named service failed. The reason code indicates the cause of the failure. The most common cause of the problem is that the subsystem is already shutting down or the service is stopping.

*User response:* Confirm the subsystem status and retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0058W  

**DPR invalid SHUTDOWN option, rc= returnCode rsn= reasonCode**

*Explanation:* The DPR component of the DBC subsystem received a shutdown request; however, the syntax for the optional FORCE option was invalid. The DPR component ignores the FORCE option, and the system defaults to a normal shutdown.

*User response:* No action is required.
BMCDBC0059W | **DPR SHUTDOWN option='optionName' ignored**

**Explanation:** This message accompanies BMCDBC0058W to indicate that the invalid FORCE option is ignored.

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

BMCDBC0060E | **DPR SHUTDOWN request failed, rc= returnCode rsn= reasonCode**

**Explanation:** The request to shut down the cross-address-space communication service of the DPR component of the DBC subsystem failed. The reason code indicates the cause of the error. This exceptional condition reflects an internal error within DBC.

**User response:** Gather all DBC output and contact BMC Customer Support.

BMCDBC0061E | **component invalid command='commandName', rc= returnCode rsn= reasonCode**

**Explanation:** The specified DBC component received an invalid command. The command in error is displayed.

**User response:** If the command was issued manually by an operator, correct the syntax and retry the command. If the error occurred as a result of a DBC subsystem STOP request, gather all DBC output and contact BMC Customer Support.

BMCDBC0062E | **DPR service='serviceName' STOP request failed, rc= returnCode rsn= reasonCode**

**Explanation:** During deactivate processing of the DPR component of the DBC subsystem, the main service stop request failed. The reason code identifies the cause of the error. This exceptional condition reflects an internal error within DBC.

**User response:** Gather all DBC output and contact BMC Customer Support.

BMCDBC0063E | **component request='requestName' is invalid, rc=returnCode rsn=reasonCode**

**Explanation:** The specified DBC component received an invalid request. The name of the request in error is displayed.

**User response:** Review the following table to determine possible errors and the appropriate responses:

<table>
<thead>
<tr>
<th>Component</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| CMD       | The main request handler of the CMD component of the DBC subsystem received an invalid request.  
**User response:** If the DBC batch utility program (DBCUTIL) sent the request, correct the syntax and restart the job. If another BMC product generated the request, gather all DBC output and contact BMC Customer Support. |
<table>
<thead>
<tr>
<th>Component</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| DPR       | The cross-address-space request handler of the DPR component of the DBC subsystem received an invalid request. This message is accompanied by message BMCDBC0064I, which lists the recognized DPR requests.  
**User response:** If the DBC batch utility program (DBCUTIL) sent the request, correct the syntax and restart the job. If another BMC product generated the request, gather all DBC output and contact BMC Customer Support. |
| XCF       | The main request handler of the XCF component of the DBC subsystem received an invalid request. This exceptional condition reflects an internal error within the DBC.  
**User Response:** Gather all DBC output and contact BMC Customer Support. |

**BMCDBC0064I**  
*component requests are 'requestNames'*  
*Explanation:* This message accompanies BMCDBC0063E and lists all of the valid requests for the specified DBC component.  
*User response:* No action is required.

**BMCDBC0065E**  
*DPR PDM loadlib='loadLibraryName' allocation error, rc= returnCode rsn= reasonCode*  
*Explanation:* The DPR component of the DBC subsystem failed to allocate the load library while processing an initialization request.  
*User response:* Ensure that the <PDM_LOCATION> XML parameter of the <INITPRODBYPDM> command identifies a valid cataloged load library data set, and retry the request.

**BMCDBC0066E**  
*DPR PDM pdmName failed for module='moduleName', rc= returnCode rsn= reasonCode*  
*Explanation:* The DPR component of the DBC subsystem was processing an initialization request, but the OPEN or LOAD for the named product definition module (PDM) failed.  
*User response:* Ensure that the <PDM_LOCATION> XML parameter of the <INITPRODBYPDM> command identifies a valid cataloged load library data set, and retry the request. If the problem persists, check the DBC subsystem JESMSGGLG for JES messages that help to identify the specific cause of the problem.

**BMCDBC0067I**  
*DPR (tcbAddress) calling PDM= loadLibraryName(moduleName) for FMID='fmid' and PIID='piid'*  
*Explanation:* The DPR component of the DBC subsystem is starting to call the named product definition module (PDM) for the specified FMID and optional PIID. The PDM returns the product definition XML document to the DPR component. The document contains all of the attributes of the product (identified by the FMID and optional PIID) that will be initialized within the address space of the DBC subsystem.  
*User response:* No action is required.
**BMCDBC0068E** DPR (tcbAddress) PDM get error code= errorCode, rc= returnCode rsn= reasonCode

*Explanation:* The named PDM, called by the DPR component of the DBC subsystem as a result of an `<INITPRODBYPDM>` request, returned an error condition. The error code and the return code are returned directly from the PDM. The codes should be documented in the message manual for the product that is identified by the FMID in message BMCDBC0067I. The reason code indicates which specific DPR module detected the error, and the action it was performing at the time of error.

*User response:* Retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0069E** DPR `<INITPROD>` request='requestString' failed, rc= returnCode rsn= reasonCode

*Explanation:* The DPR component failed to process an `<INITPRODBYPDM>` request. The request string identifies the specific PDM that returned the product definition XML document that is being processed. The request string has the following form:

```
pdmLocation(pdmName) FMID=pdmFmid PIID=pdmID
```

The variables represent the following values:

- The `pdmLocation` value represents the data set name of the load library that contains the PDM.
- The `pdmName` value represents the name of the PDM.
- The `pdmFmid` value represents the SMP/E FMID for this product.
- *(optional)* The `pdmID` value represents the unique product ID within the scope of the FMID.

If this error is due to a badly formed product definition XML document, message BMCDBC0011E is also issued. Otherwise, this message occurs because of an error during product initialization.

*User response:* Check for other error and informational messages that help to identify the specific cause of the problem. If the problem is due to a badly formed product definition XML document, check the product manuals that are associated with the BMC product identified by the FMID for information about correcting the product definition XML document. After correcting the document, retry the request. If the error persists, gather all DBC output and contact BMC Customer Support.
**BMCDBC0070E**  
**DPR parser handle is invalid, rc= returnCode rsn= reasonCode**  

*Explanation:* This internal error indicates that a null XML parser handle was passed to the initialization method of the product object. This condition should not occur, and the most likely cause of this condition is memory corruption.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0071E**  
**DPR <INITPROD> failed, error= errorText rc= returnCode rsn= reasonCode**  

*Explanation:* The DPR component of the DBC subsystem detected an error during <INITPROD> request processing.  
*User response:* Review the following table to determine possible errors and perform the appropriate responses:

<table>
<thead>
<tr>
<th>Error condition</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| add AGENT keyed list       | *(internal error)* The failure occurred when the DPR component attempted to add a data set name to the list of load libraries associated with an agent.  
*User response:* Gather all output and contact BMC Customer Support |
| add FUNCTION keyed list    | *(internal error)* A failure occurred when the DPR component attempted to add a data set name to the list of load libraries associated with a function.  
*User response:* Gather all output and contact BMC Customer Support |
| add PRODUCT keyed list     | *(internal error)* A failure occurred when the DPR component attempted to add a product to the list of initialized products.  
*User response:* Gather all output and contact BMC Customer Support |
| add product loadlib list   | *(internal error)* A failure occurred when the DPR component attempted to add an entry to the product load library list.  
*User response:* Gather all output and contact BMC Customer Support |
| add SRB keyed list         | *(internal error)* A failure occurred when an entry was added to the product SRB list object.  
*User response:* Gather all output and call BMC Customer Support |
| duplicate <PRODUCT> DSN    | Duplicate product load library data set names were specified in the product definition XML document.  
*User response:* Remove the duplicate product <LOADLIB> entry in the product definition XML document, and retry the initialization request. |
| duplicate <PRODUCT> key    | The product that is being initialized into this instance of the DBC subsystem was already initialized.  
*User response:* Terminate the existing product and retry the initialization request. |
| duplicate AGENT loadlib    | A duplicate load library data set name was detected within the scope of an individual agent definition.  
*User response:* Remove the duplicate <LOADLIB> data set name from the product definition XML document, and retry request. |
<table>
<thead>
<tr>
<th>Error condition</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| duplicate AGENT name   | A duplicate `<AGENT>` definition was found in the product definition XML document.  
**User response**: Remove the duplicate `<AGENT>` from the product definition XML document and retry the request.                                                                 |
| duplicate ENCLAVE name | A duplicate `<ENCLAVE>` definition was found in the product definition XML document.  
**User response**: Remove the duplicate `<ENCLAVE>` from the product definition XML document and retry the request.                                                                 |
| duplicate FUNCTION loadlib | A duplicate load library data set name was detected within the scope of an individual function definition.  
**User response**: Remove the duplicate `<LOADLIB>` entry for the function in the product definition XML document.                                                                                      |
| duplicate FUNCTION name | A duplicate `<FUNCTION>` definition was found in the product definition XML document.  
**User response**: Remove the duplicate `<FUNCTION>` from the product definition XML document and retry the request.                                                                 |
| duplicate SRB name     | A duplicate `<SRB>` definition was found in the product definition XML document.  
**User response**: Remove the duplicate `<SRB>` from the product definition XML document and retry the request.                                                                 |
| init <AGENT> AUTOEXEC node table | A syntax error was found during processing of child nodes of the agent `<AUTOEXEC>` element in the product definition XML document. The child nodes are `<INIT>` and `<TERM>`.  
**User response**: Check for diagnostic messages that indicate the specific cause of the problem, correct the product definition XML document, and retry the request. |
| init <AGENT> node table | A syntax error was found processing the child nodes of the `<AGENT>` element in the product definition XML document. Child elements include `<ENCLAVE>`, `<PRIORITY>`, `<LOADLIB>`, and `<AUTOEXEC>`.  
**User response**: Check for diagnostic messages that indicate the exact cause of the problem, correct the product definition XML document, and retry the request. |
| init <FUNCTION> AUTOEXEC node table | A syntax error was found during processing of child nodes of the function `<AUTOEXEC>` element in the product definition XML document. Child nodes are `<INIT>` and `<TERM>`.  
**User response**: Check for diagnostic messages that indicate the specific cause of the problem, correct the product definition XML document, and retry the request. |
| init <FUNCTION> node table | A syntax error was found processing the child nodes of the `<FUNCTION>` element in the product definition XML document. Child elements include `<ENCLAVE>`, `<PRIORITY>`, `<LOADLIB>`, and `<AUTOEXEC>`.  
**User response**: Check for diagnostic messages that indicate the exact cause of the problem, correct the product definition XML document, and retry the request. |
<table>
<thead>
<tr>
<th>Error condition</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>init &lt;INITPRODBYPDM&gt;</td>
<td>The &lt;INITPRODBYPDM&gt; XML command document contains a syntax error. <em>User response:</em> Correct the XML for the INITPRODBYPDM command, and retry the request.</td>
</tr>
<tr>
<td>node table</td>
<td></td>
</tr>
<tr>
<td>init &lt;PROCESS&gt;</td>
<td>A syntax error was found during processing of child nodes of the process &lt;AUTOEXEC&gt; element in the product definition XML document. The child nodes are &lt;INIT&gt; and &lt;TERM&gt;. <em>User response:</em> Check for diagnostic messages that indicate the specific cause of the problem, correct the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>AUTOEXEC node table</td>
<td></td>
</tr>
<tr>
<td>init &lt;PROCESS&gt; node</td>
<td>A syntax error was found during processing of child nodes of the &lt;PROCESS&gt; element in the product definition XML document. Child nodes are &lt;CANCEL&gt;, &lt;PERM&gt;, &lt;SWAP&gt;, &lt;AUTOEXEC&gt;, and &lt;STPARMS&gt;. <em>User response:</em> Check for diagnostic messages that indicate the specific cause of the problem, correct the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>node table</td>
<td></td>
</tr>
<tr>
<td>init &lt;PRODUCT&gt; node</td>
<td>An error occurred while the DPR component was parsing the product definition XML document. <em>User response:</em> Look for DBC diagnostic messages to identify the specific syntax error. Correct the error, and retry the initialization request.</td>
</tr>
<tr>
<td>node table</td>
<td></td>
</tr>
<tr>
<td>init &lt;SRB&gt; node</td>
<td>A syntax error was found processing the child nodes of the &lt;SRB&gt; element in the product definition XML document. The child elements include &lt;ENCLAVE&gt; and &lt;AUTOEXEC&gt;. <em>User response:</em> Check for diagnostic messages that indicate the exact cause of the problem, correct the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>node table</td>
<td></td>
</tr>
<tr>
<td>invalid &lt;AGENT&gt; PRIORITY</td>
<td>The agent PRIORITY value identified by the &lt;PRIORITY&gt; node in the product definition XML document contains an invalid value. Valid values include LOW, MEDIUM, and HIGH. <em>User response:</em> Correct the PRIORITY value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid &lt;FUNCTION&gt;</td>
<td>The function PRIORITY value identified by the &lt;PRIORITY&gt; node in the product definition XML document does not contain a valid value. Valid values are LOW, MEDIUM, and HIGH. <em>User response:</em> Correct the PRIORITY value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>PRIORITY</td>
<td></td>
</tr>
<tr>
<td>invalid &lt;PROCESS&gt; CANCEL</td>
<td>The process CANCEL value identified by the &lt;CANCEL&gt; node in the product definition XML document does not contain a valid value. Valid values are YES and NO. <em>User response:</em> Correct the CANCEL value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>Error condition</td>
<td>Description and user response</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>invalid &lt;PROCESS&gt;</td>
<td>The ASCRE start string is 124-bytes long and starts with the started task procedure name, optionally followed by a comma and parameters (for example, IEASYSAS,PROG=IEFBR14). The length of the &lt;STPARMS&gt; value must be less than the 124-byte length of the procedure name.</td>
</tr>
<tr>
<td>STPARMS</td>
<td>User response: Correct the STPARMS value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid &lt;PROCESS&gt;</td>
<td>The process PERM value identified by the &lt;PERM&gt; node in the product definition XML document does not contain a valid value. Valid values are YES and NO.</td>
</tr>
<tr>
<td>PERM</td>
<td>User response: Correct the PERM value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid &lt;PROCESS&gt;</td>
<td>The process SWAP value identified by the &lt;SWAP&gt; node in the product definition XML document does not contain a valid value. Valid values are YES and NO.</td>
</tr>
<tr>
<td>SWAP</td>
<td>User response: Correct the SWAP value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid &lt;PRODUCT&gt;</td>
<td>The load library data set name identified through a &lt;LOADLIB&gt; XML node of the product definition XML document has an invalid length.</td>
</tr>
<tr>
<td>DSN length</td>
<td>User response: Correct the &lt;LOADLIB&gt; data set name, and retry the initialization request.</td>
</tr>
<tr>
<td>invalid &lt;SRB&gt; QUEUE</td>
<td>The &lt;QUEUE&gt; option controls whether an input work queue will be created for this SRB. The value specified for this option is incorrect. Valid values are YES or NO. A value of YES indicates that the SRB is capable of receiving messages through the DBC API &lt;SEND&gt; command and can respond to those messages through the provided queue service interface.</td>
</tr>
<tr>
<td>value</td>
<td>User response: Modify the &lt;QUEUE&gt; value to be either YES or NO and retry the request.</td>
</tr>
<tr>
<td>invalid AGENT</td>
<td>The agent INIT value identified by the &lt;INIT&gt; node in the product definition XML document does not contain a valid value. Valid values are YES and NO.</td>
</tr>
<tr>
<td>&lt;AUTOEXEC&gt; INIT</td>
<td>User response: Correct the INIT value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>value</td>
<td></td>
</tr>
<tr>
<td>invalid AGENT</td>
<td>The agent TERM value identified by the &lt;TERM&gt; node in the product definition XML document does not contain a valid value. Valid values are YES and NO.</td>
</tr>
<tr>
<td>&lt;AUTOEXEC&gt; TERM</td>
<td>User response: Correct the TERM value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>value</td>
<td></td>
</tr>
<tr>
<td>invalid AGENT</td>
<td>The &lt;ENCLAVE&gt; name value associated with an AGENT definition is invalid. The length of the name can be a maximum of 8 bytes.</td>
</tr>
<tr>
<td>&lt;ENCLAVE&gt; value</td>
<td>User response: Correct the &lt;ENCLAVE&gt; name and retry the request.</td>
</tr>
<tr>
<td>Error condition</td>
<td>Description and user response</td>
</tr>
<tr>
<td>-------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>invalid AGENT length</td>
<td>The product agent module name identified by the <code>&lt;AGENT&gt;</code> node in the product definition XML document is invalid. The name cannot exceed 8 bytes.  &lt;br&gt; <em>User response:</em> Correct the AGENT name in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid ENCLAVE &lt;ZIIP&gt; value</td>
<td>The <code>&lt;ZIIP&gt;</code> value associated with an <code>&lt;ENCLAVE&gt;</code> definition must specify either YES or NO.  &lt;br&gt; <em>User response:</em> Correct <code>&lt;ZIIP&gt;</code> value in product definition XML document and retry the INITPROD request.</td>
</tr>
<tr>
<td>invalid FMID length</td>
<td>The product FMID identified by the <code>&lt;FMID&gt;</code> node in the product definition XML document is invalid. The length should be 7 bytes.  &lt;br&gt; <em>User response:</em> Correct the FMID value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid FUNCTION &lt;AUTOEXEC&gt; INIT value</td>
<td>The function INIT value identified by the <code>&lt;INIT&gt;</code> node in the product definition XML document does not contain a valid value. Valid values are YES and NO.  &lt;br&gt; <em>User response:</em> Correct the INIT value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid FUNCTION &lt;AUTOEXEC&gt; TERM value</td>
<td>The function TERM value identified by the <code>&lt;TERM&gt;</code> node in the product definition XML document does not contain a valid value. Valid values include YES and NO.  &lt;br&gt; <em>User response:</em> Correct the TERM value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid FUNCTION &lt;ENCLAVE&gt; value</td>
<td>The <code>&lt;ENCLAVE&gt;</code> name value associated with a FUNCTION definition is invalid. The length of the name can be a maximum of 8 bytes.  &lt;br&gt; <em>User response:</em> Correct the <code>&lt;ENCLAVE&gt;</code> name and retry the request.</td>
</tr>
<tr>
<td>invalid FUNCTION length</td>
<td>The product function module name identified by the <code>&lt;FUNCTION&gt;</code> node in the product definition XML document is invalid. The name cannot exceed 8 bytes.  &lt;br&gt; <em>User response:</em> Correct the FUNCTION name in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid GROUP length</td>
<td>The product GROUP name identified by the <code>&lt;GROUP&gt;</code> node in the product definition XML document is invalid. The name cannot exceed 8 bytes.  &lt;br&gt; <em>User response:</em> Correct the GROUP value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>invalid pdmFmid length</td>
<td>The length of the product FMID is invalid. The length should be 7 bytes. The FMID is identified through the <code>&lt;PDMFMID&gt;</code> element in the product definition XML document.  &lt;br&gt; <em>User response:</em> Correct the FMID value in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>Error condition</td>
<td>Description and user response</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| invalid PDM_NAME length               | The length of the load library data set name of the PDM module is invalid. The length cannot exceed 44 bytes. The PDM module is identified through the <PDM_LOCATION> element in the product definition XML document.  
   *User response:* Correct the data set name, and retry the request.                                                                                     |
| invalid PDM_PIID length               | The length of the PIID is invalid. The length cannot exceed 16 bytes. The PIID is identified through the <PDM_PIID> node in the product definition XML document.              
   *User response:* Correct the PIID value in the product definition XML document, and retry the request.                                                       |
| invalid PIID length                   | The product PIID identified by the <PIID> node in the product definition XML document is invalid. The PIID cannot exceed 16 bytes.                                       
   *User response:* Correct the PIID value in the product definition XML document, and retry the request.                                                      |
| invalid PROCESS <AUTOEXEC> INIT value | The process INIT value identified by the <INIT> node in the product definition XML document does not contain a valid value. Valid values are YES and NO.                   
   *User response:* Correct the INIT value in the product definition XML document, and retry the request.                                                        |
| invalid PROCESS <AUTOEXEC> TERM value | The process TERM value identified by the <TERM> node in the product definition XML document does not contain a valid value. Valid values are YES and NO.                   
   *User response:* Correct the TERM value in the product definition XML document, and retry the request.                                                        |
| invalid PROCESS length                | The name of the product process started task identified by the <PROCESS> node in the product definition XML document is invalid. The name cannot exceed 8 bytes.             
   *User response:* Correct the PROCESS name in the product definition XML document, and retry the request.                                                     |
| invalid SAF class length              | The product SAF resource class identified by the <SAFCLASS> node in the product definition XML document is invalid. The class name cannot exceed 8 bytes.                           
   *User response:* Correct the SAFCLASS value in the product definition XML document, and retry the request.                                                    |
| invalid SRB                          | The SRB value identified by the <SRB> node in the product definition XML document does not contain a valid value. Valid values are YES and NO.                               
   *User response:* Correct the SRB value in the product definition XML document, and retry the request.                                                        |
| invalid SRB <AUTOEXEC> INIT value     | The <AUTOEXEC> option controls whether this SRB is started automatically during product initialization. The value specified for this value is incorrect. The only valid values are YES or NO. A value of YES indicates the SRB is automatically started. 
   *User response:* Modify the <AUTOEXEC> value to be either YES or NO.                                                                                     |
<table>
<thead>
<tr>
<th>Error condition</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>invalid SRB &lt;AUTOEXEC&gt; TERM value</td>
<td>The <code>&lt;AUTOEXEC&gt;</code> option controls whether this SRB will be started automatically during product termination. The value specified for this value is incorrect. The only valid values are <strong>YES</strong> or <strong>NO</strong>. A value of <strong>YES</strong> indicates the SRB is automatically started. <strong>User response:</strong> Modify the <code>&lt;AUTOEXEC&gt;</code> value to be either YES or NO and retry the request.</td>
</tr>
<tr>
<td>invalid SRB &lt;ENCLAVE&gt; value</td>
<td>The <code>&lt;ENCLAVE&gt;</code> name value associated with an SRB definition is invalid. The length of the name can be a maximum of 8 bytes. <strong>User response:</strong> Correct the <code>&lt;ENCLAVE&gt;</code> name and retry the request.</td>
</tr>
<tr>
<td>invalid SRB length</td>
<td>The module name associated with the <code>&lt;SRB&gt;</code> definition has an invalid length. The length of the module name can be a maximum of 8 bytes. <strong>User response:</strong> Correct the <code>&lt;SRB&gt;</code> module name and retry the request.</td>
</tr>
<tr>
<td>loadlib DSN length</td>
<td>The length of the data set name for a load library associated with a product agent or function definition is invalid. <strong>User response:</strong> Correct the <code>&lt;LOADLIB&gt;</code> value in the product definition XML document, and retry the initialization request.</td>
</tr>
<tr>
<td>missing <code>&lt;PRODUCT&gt;</code></td>
<td>The product definition XML document is invalid because the required <code>&lt;PRODUCT&gt;</code> node is missing. <strong>User response:</strong> Add the <code>&lt;PRODUCT&gt;</code> node to the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>persist command to DPR repository</td>
<td>The <code>&lt;INITPROD&gt;</code> or <code>&lt;INITPRODBYPDM&gt;</code> command could not be persisted to the DPR repository due to an error. <strong>User response:</strong> Refer to a previous DBC error message in the DBC message log to determine the specific cause of the error. If needed, gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>product code length</td>
<td>The product code identified by the <code>&lt;PRODUCT&gt;</code> node in the product definition XML document is invalid. The length should be 3 bytes. <strong>User response:</strong> Correct the product code in the product definition XML document, and retry the request.</td>
</tr>
<tr>
<td>PRODUCT enable</td>
<td>The product ENABLE request failed. <strong>User response:</strong> Gather all output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>SAFOPTS error</td>
<td><em>(internal error)</em> The request to retrieve the SAF resource class for the DPR COMMAND category failed. <strong>User response:</strong> Gather all output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>SAFOPTS not found</td>
<td><em>(internal error)</em> The SAF security options object was not successfully initialized. <strong>User response:</strong> Gather all output and contact BMC Customer Support.</td>
</tr>
</tbody>
</table>
**BMCDBC0072E**

**DBC required parameter='parameterName' not found, rc= returnCode, rsn= reasonCode**

*Explanation:* The DPR component of the DBC subsystem detected a missing parameter, as identified by `parameterName`.

*User response:* Correct the XML command document by adding the required parameter, and retry the request.

---

**BMCDBC0073E**

**DBC null object pointer, rc= returnCode, rsn= reasonCode**

*Explanation:* This internal error occurs when a NULL object pointer is found. This condition should not occur and might indicate internal data corruption.

*User response:* Gather all DBC output and contact BMC Customer Support.

---

**BMCDBC0074E**

**DBC authorization check failed due to internal error, rsn= reasonCode**

*Explanation:* The SAF authorization routine detected an internal error. The reason code identifies the error.

*User response:* Gather all DBC output and contact BMC Customer Support.

---

**BMCDBC0075E**

**DBC user not authorized: userid= userID, class= className, resource= resourceName, SAF rc= returnCode, ESM rc= returnCode, ESM rsn= reasonCode**

*Explanation:* A request for access to a DBC resource was denied due to an authorization failure. The message shows the user ID, SAF resource class, resource name, return code from the SAF call, and the External Security Manager’s return and reason code.

Possible reasons for this failure are as follows:

- The resource name has not been defined to the External Security Manager (ESM), and the ALLOW_SAF_RC4 option of the DBC SAF security options is set to NO.

- The user has not been granted permission to the resource that the error message identifies.

*User response:* Notify the security administrator of this failure, and determine whether the user identified in the message text should be granted authorization to the named resource.

---

**BMCDBC0076E**

**DBC failed to process the DBC security XML**

*Explanation:* This generic message indicates that a problem occurred while processing the DBC security options. The DBCSECUR DD statement, specified in the started task JCL procedure for the DBC subsystem, identifies the location of the DBC security options.

*User response:* Check for diagnostic error messages that identify the specific cause of the problem, correct the security options XML document, and retry the subsystem startup.
**BMCDBC0077E**  

**DBC function failed item='itemValue' ERR=% function(% item), rc=returnCode, rsn=reasonCode**

**Explanation:** This generic message indicates that an internal error was detected.

**User response:** Review the following table to determine possible errors and the appropriate responses:

<table>
<thead>
<tr>
<th>Function</th>
<th>Item</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| DECONCAT | DD   | The deconcatenation request for the given DD name failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.  
*User response:* Check the JESMSGLG output of the DBC subsystem for any messages that indicate the specific cause of the error, and retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support. |
| ALLOC    | DSN  | The allocation request for the given data set name failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.  
*User response:* Ensure that the data set name exists and is cataloged. If the data set name is invalid, correct the data set name in the appropriate place:  
- If the data set name is specified for a DPR product, correct the product definition XML document.  
- If the data set name is specified for the DPR repository, correct the DPR repository name in the DBC startup options.  
Check the JESMSGLG output of the DBC subsystem for any IEC* messages that might indicate the specific cause of the error, and retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support. |
| CONCAT   | DSN  | The concatenation request for the given data set name failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.  
*User response:* Ensure that the data set name exists and is cataloged. If the data set name is invalid, correct the product definition XML document. Check the JESMSGLG of the DBC subsystem for any IEC* messages that might indicate the specific cause of the error, and retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support. |
<table>
<thead>
<tr>
<th>Function</th>
<th>Item</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDENTIFY</td>
<td>MODNAME</td>
<td>The request to identify the named module failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>IDENTIFY</td>
<td>CREATE:DYNMOD</td>
<td>The request to create a DYNMOD object failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>IDENTIFY</td>
<td>ADD:DYNMOD</td>
<td>The request to add a DYNMOD object to the list of dynamic routines failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>GETEPADDR</td>
<td>DYNMOD</td>
<td>The request to retrieve the entry point address for the named dynamic module failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>DEALLOC</td>
<td>DSN</td>
<td>The deallocation request for the given data set name failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> No action is necessary. If the problem persists, gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>RESOURCE_CLASS create</td>
<td>COMPONENT</td>
<td>The request to create a SAFCLASS object for a given DBC component failed. The ERR= value indicates the reason for the error, and the reason code identifies the DBC module that detected the problem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>Function</td>
<td>Item</td>
<td>Description and user response</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| SAFCLASS     | create          | The request to add a SAF resource class object to the class list for the component category identified by the CLASSLIST value failed. This failure is probably caused by a duplicate <COMPONENT> entry for the same category within the <RESOURCE_CLASS> XML element in the SAF start options. The SAF startup options are identified by the DBCSECUR DD statement in the started task for the DBC subsystem.  
User response: Correct the SAF startup options and restart the DBC subsystem. |

**BMCDBC0078E**  
*DBC DPR Enable request for PRODUCT='productCode.fmid.piid' failed, rc=returnCode*

*Explanation:* The DPR component of the DBC subsystem detected an error while processing of product enable requests. This message is a generic error message and identifies the product instance:

- The *productCode* value represents the 3-byte product code.
- The *fmid* value represents the 7-byte SMP/E FMID of the product.
- The *piid* value represents the 16-byte product instance identifier that uniquely identifies a product within the scope of an FMID.

A more specific diagnostic message precedes this message to identify the specific cause of the problem.

*User response:* Check for more specific BMCDBC nnnnx error messages and perform the appropriate action.

**BMCDBC0079E**  
*DIRL function failed for DD='function', rc=returnCode, rsn=reasonCode*

*Explanation:* The DBC directed load service issues this message to indicate that a specific function request failed.

*User response:* Review the following table to determine possible errors and the appropriate responses:
The request to create a directed load object failed. The reason code indicates the cause of the error, as follows:

- **OBJECT=AGENT** (agent object creation)
- **OBJECT=FUNCTION** (function object creation)
- **OBJECT=PRODUCT** (product object creation)
- **OBJECT=PDM** (product INITPRODBYPDM processing)
- **OBJECT=TASK** (agent or function execution)
- **OBJECT=SRB** (SRB object creation)

*User response:* Gather all DBC output and contact BMC Customer Support.

The request to open a logical load library failed. The DD value identifies the dynamic DD name in error, and the reason code indicates the cause.

*User response:* Check the JESMSGLG of the DBC subsystem for any messages that might help diagnose the problem. Gather all DBC output and contact BMC Customer Support.

The request to perform a directed load of the named module failed. The reason code indicates the cause of the error.

*User response:* Ensure that the named module exists in a load library that is defined either in the product definition XML file for the DPR-initialized product, or is in the STEPLIB concatenation of the DBC subsystem or the system LINKLIST concatenation.

The request to close the named directed load DD failed. The reason code indicates the cause of the error.

*User response:* Check the JESMSGLG output of the DBC subsystem for any messages that might help diagnose the problem. Gather all DBC output and contact BMC Customer Support.

---

**BMCDBC0080E**  
*DBC DD function failed for objectType='objectName', rc= returnCode rsn= reasonCode*

*Explanation:* The DPR component of the DBC subsystem detected an error during allocation or concatenation of the logical load library (that is, the dynamic STEPLIB) for the named object type.

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALLOC</td>
<td>The dynamic allocation of all AGENT or FUNCTION load libraries failed. The reason code indicates the cause of the error.</td>
</tr>
<tr>
<td>Function</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
</tr>
<tr>
<td>CONCAT</td>
<td>The dynamic concatenation of the AGENT or FUNCTION load libraries failed. The reason code indicates the cause of the error.</td>
</tr>
</tbody>
</table>

**User response:** Check the DBCPRINT and JESMSGLG SYSOUT for the DBC subsystem for any messages that might help diagnose the problem. Ensure that all load libraries that are defined in the product definition XML document are cataloged and that their data set names are correct. Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0081S**  
**DBC unable to get SMFID because SMF is not active**  
*Explanation:* This severe error indicates that the System Management Facilities (SMF) component of this z/OS system is not active, and the DBC security service is unable to extract the SMFID of the current LPAR. DBC needs the SMFID value to determine the resource name context for all internal security control points. This error causes the initialization of the security interface to fail.

**User response:** Ensure that the SMF component is active, and restart the DBC subsystem.

**BMCDBC0082I**  
**DPR PRODUCT='code.fmid.piid' successfully action, rc= returnCode**  
*Explanation:* This informational message indicates that a specific instance of a BMC product has been initialized or terminated into the DBC subsystem address space:

- The *code* value represents the 3-byte BMC product code.
- The *fmid* value represents the 7-byte SMP/E FMID of the BMC product.
- The *piid* value represents the optional 16-byte field that identifies a unique instance of a product within the scope of an FMID.
- The *action* value indicates whether the product has been initialized or terminated.

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

**BMCDBC0083E**  
**DPR <EXECUTE> failed, error='errorText' rc= returnCode rsn= reasonCode**  
*Explanation:* The DPR component of the DBC subsystem detected an error during EXECUTE processing.

**User response:** Review the following table to determine possible errors and the appropriate responses:
<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| init <EXECUTE> node table        | The DPR component detected a syntax error while processing the child nodes of the <EXECUTE> element in the XML command stream. The child nodes include <PRODUCT>, <FMID>, <PIID>, and <FUNCTION>.  
User response: Check for diagnostic messages that indicate the cause of the problem. Correct the command request and retry the command. |
| invalid product code length      | The length of product code value supplied by the <PRODUCT> element is invalid. The length should be 3 bytes.  
User response: Correct the product code in the command request and retry. |
| invalid FMID length              | The length of product FMID value supplied by the <FMID> element is invalid. The FMID value should be 7 bytes.  
User response: Correct the product FMID in the command request and retry. |
| invalid PIID length              | The length of product instance identifier (PIID) value supplied by the <PIID> element is invalid. The PIID value cannot exceed 16 bytes.  
User response: Correct the product PIID in the command request and retry. |
| product not initialized          | The product identified by the product code, FMID, and optional PIID is not initialized in this DBC subsystem.  
User response: Run the product <INITPROD> and retry the request. |
| invalid function name length     | The length of the function name supplied on the EXECUTE request through the <FUNCTION> element is invalid. The function name value cannot exceed 8 bytes.  
User response: Correct the function name and retry the request. |
| function not found               | The function could not be found as part of the initialized product identified by the <PRODUCT>, <FMID>, and <PIID> values. The most likely causes of this problem are as follows:  
- the function is not part of the product  
- the function name is incorrect  
User response: Correct the function name either on the EXECUTE command request or in the product definition XML document, and reinitialize the product |

**DPR object='objectName' not found**

*Explanation:* This common message indicates that an error was detected.

*User response:* Review the following table to determine possible errors and the appropriate responses:
<table>
<thead>
<tr>
<th>Object name</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| Active AGENT | The DPR component could not locate an active agent task. Related message BMCDBC0099E identifies the function that is being performed. The active agent name has the following form: 'code.fmid.piid.moduleName.taskid'
  - The *code* value represents the 3-byte BMC product code.
  - The *fmid* value represents the 7-byte SMP/E FMID of the product.
  - The *piid* value represents the optional 16-byte product instance ID.
  - The *moduleName* value represents the agent module name.
  - The *taskid* value represents the ID of the agent task.
  
  *User response:* Correct the command request parameters (<PRODUCT>, <FMID>, <PIID>, <AGENT>, and <TASKID>). Retry the request, or start the agent task and retry the request. |
| Active SRB | The DPR component could not locate an active SRB. Related message BMCDBC0099E identifies the function that is being performed. The active SRB name has the following form: 'code.fmid.piid(moduleName.srbid)'
  - The *code* value represents the 3-byte BMC product code.
  - The *fmid* value represents the 7-byte SMP/E FMID of the product.
  - The *piid* value represents the optional 16-byte product instance ID.
  - The *moduleName* value represents the SRB module name.
  - The *srbid* value represents the ID of the SRB.
  
  *User response:* Correct the command request parameters (<PRODUCT>, <FMID>, <PIID>, <SRB>, and <SRBID>). Retry the request, or start the SRB and retry the request. |
| AGENT | The named agent could not be found. Related message BMCDBC0100E identifies the specific instance of the product that does not contain the named agent.
  
  *User response:* Correct the command request XML parameters (<PRODUCT>, <FMID>, <PIID>, and <AGENT>) to identify an agent, and retry the request. |
<table>
<thead>
<tr>
<th>Object name</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| FUNCTION    | The named function could not be found. Related message BMCDBC0085E identifies the specific instance of the product that does not contain the named function.  
*User response:* Correct the command request XML parameters (<PRODUCT>, <FMID>, <PIID>, and <FUNCTION>) to correctly identify a function, and retry the request. |
| PROCESS     | The named process could not be found. Related message BMCDBC0100E identifies the specific instance of the product that does not contain the named process.  
*User response:* Correct the command request XML parameters (<PRODUCT>, <FMID>, <PIID>, and <PROCESS>) to correctly identify a process, and retry the request. |
| PRODUCT KEY | The DPR component could not locate an initialized version of the requested product. A related message (BMCDBC0083E, BMCDBC0099E, or BMCDBC0106E) indicates the specific command request that failed. The product key is in the following form: 'code.fmid.piid'  
- The *code* value represents the 3-byte BMC product code.  
- The *fmid* value represents the 7-byte SMP/E FMID of the product.  
- The *piid* value represents the optional 16-byte product instance ID.  
*User response:* Correct the command request XML parameters (<PRODUCT>, <FMID>, and <PIID>) to correctly identify an initialized product, or initialize the product by using the DPR <INITPROD> command request. |
| TASKSTOP <FORCE> option | The TASKSTOP command is an internal DPR request. The most likely cause of this error is internal data corruption.  
*User response:* Gather all DBC output and contact BMC Customer Support |

**BMCDBC0085E**  
**DPR command for object=’code.fmid.piid(name.id)’ failed, rc= returnCode rsn= reasonCode**  
*Explanation:* The DPR component of the DBC subsystem detected an error during *command* request processing. This message identifies the object type and the specific instance of the product object to which the command relates:  
- The *command* value identifies the specific XML command request being processed.  
- The *object* value represents the DPR object type associated with this command.  
- The *code* value represents the 3-byte BMC product code.
The fmid value represents the 7-byte SMP/E FMID of the product.

The piid value represents the optional 16-byte product instance ID.

The name value represents the object name.

The optional id value represents the instance identifier for the object.

The reason code identifies the specific module detecting the error; see DBC error codes on page 128 for more information. The return code indicates the severity of the error.

User response: Your response depends on the value of the return code:

- A return code of 4 indicates a warning and could be caused by the unavailability of the optional DPR repository data set. Processing of the command request will continue. No action is required.

- A return code of 8 indicates an error and that the command request has aborted. Check the DBC subsystem log for messages that indicate the root cause of the problem, correct any invalid syntax, and retry the request. For further assistance, contact BMC Customer Support.

**BMCDBC0086E**

DPR BUILDM request for **function='object'** failed, **rc= returnCode rsn= reasonCode**

Explanation: The DBC directed load service issues this message to indicate that a specific function request failed.

User response: Review the following table to determine possible errors and the appropriate responses:

<table>
<thead>
<tr>
<th>Function</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| CREATE   | The request to create a directed load object failed. The reason code indicates the cause of the error:  
- OBJECT=AGENT (agent object creation)  
- OBJECT=FUNCTION (function object creation)  
- OBJECT=PRODUCT (product object creation)  
- OBJECT=PDM (product INITPRODBYPDM processing)  
- OBJECT=TASK (agent/function execution)  
- OBJECT=SRB (SRB object creation)  

User response: Gather all DBC output, and contact BMC Customer Support. |
<table>
<thead>
<tr>
<th>Function</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| OPEN     | The request to open a logical load library failed. The DD value identifies the dynamic DD name in error, and the reason code indicates the cause.  
*User response:* Check the JESMSGGLG of the DBC subsystem for any messages that help diagnose the problem. Gather all DBC output, and contact BMC Customer support. |
| LOAD     | The request to perform a directed load of the named module failed. The reason code indicates the cause of the error.  
*User response:* Ensure that the named module exists in a load library that is defined in one of the following locations:  
- the product definition XML document for the DPR-initialized product  
- the STEPLIB concatenation of the DBC subsystem  
- the system LINKLIST concatenation |
| CLOSE    | The request to close the named directed load DD failed. The reason code indicates the cause of the error.  
*User response:* Check the JESMSGGLG of the DBC subsystem for any messages that might help diagnose the problem. Gather all DBC output and contact BMC Customer Support. |

**BMCDBC0087W**  
**DBC SERVICE(svcName) detected TASK(taskAddr) abnormally terminated:**  
**PGM= moduleName, TCB= tcbAddr, TCBCMP= tbcCompletionCode**  

**Explanation:** The service manager component of the DBC subsystem detected a work task that abnormally failed. The message displays the following values:  
- The *svcName* value represents the name of the DBC service  
- The *taskAddr* value represents the address of the task object  
- The *moduleName* value represents the program name of the failed task  
- The *tcbAddr* value represents the TCB address of failed task  
- The *tbcCompletionCode* value represents the TCB completion code  

*User response:* No action is required.

**BMCDBC0088I**  
**DBC version vv. rr. mm initialization complete**  

**Explanation:** This informational message displays the version and release information of DBC. The message indicates that the subsystem initialization has completed and all DBC components have been activated.  

*User response:* No action is required.
BMCDBC0089I

**DBC shutdown in progress**

*Explanation:* This informational message indicates that the DBC subsystem is shutting down.

*User response:* No action is required.

BMCDBC0090E

**DBC SVC screening enablement failed, rc= returnCode rsn= reasonCode**

*Explanation:* The DPR component of the DBC subsystem detected an error while attempting to enable SVC screening for an agent or function object. The reason code indicates the specific DPR component that detected the error. This error prevents the execution of a DPR-initialized agent or function.

*User response:* Gather all DBC output and contact BMC Customer Support.

BMCDBC0091E

**DBC BMC DBC issued SDUMPX (reasonCode)**

*Explanation:* The DBC detected an internal error and issued the SDUMPX macro to create a dump for diagnostic purposes.

*User response:* Gather all DBC output and contact BMC Customer Support.

BMCDBC0092E

**DBC failed to read input due to internal error, rsn= reasonCode**

*Explanation:* The internal DBC I/O service detected an invalid input parameter list. This critical error could indicate internal data corruption.

*User response:* Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0093E

**DBC unauthorized request command object= objectName, rc= returnCode rsn= reasonCode**

*Explanation:* The DBC component detected a security authorization failure. The reason code indicates the specific DBC component that detected the error. Related message BMCDBC0075E contains the USERID, SAF resource class, and resource name associated with the security violation.

<table>
<thead>
<tr>
<th>Command</th>
<th>Object name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXECUTE</td>
<td>FUNCTION</td>
<td>The requestor was not authorized to execute the named function.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>COMPONENT</td>
<td>The requestor was not authorized to issue the INITPROD command for the named DBC component.</td>
</tr>
<tr>
<td>SEND</td>
<td>COMPONENT</td>
<td>The requestor was not authorized to issue the SEND command for the named DBC component.</td>
</tr>
<tr>
<td>START</td>
<td>AGENT</td>
<td>The requestor was not authorized to issue the START command to the named agent.</td>
</tr>
<tr>
<td>START</td>
<td>PROCESS</td>
<td>The requestor was not authorized to issue the START command for the named process.</td>
</tr>
<tr>
<td>START</td>
<td>SRB</td>
<td>The requestor was not authorized to issue the START command for the named SRB.</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Command</th>
<th>Object name</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOP</td>
<td>AGENT</td>
<td>The requestor was not authorized to issue the STOP command to the named agent.</td>
</tr>
<tr>
<td>STOP</td>
<td>PROCESS</td>
<td>The requestor was not authorized to issue the STOP command for the named process.</td>
</tr>
<tr>
<td>STOP</td>
<td>SRB</td>
<td>The requestor was not authorized to issue the STOP command for the named SRB.</td>
</tr>
<tr>
<td>TRACE</td>
<td>COMPONENT</td>
<td>The requestor was not authorized to issue the TRACE command.</td>
</tr>
</tbody>
</table>

**User response:** Gather all diagnostic error messages (including message BMCDBC0075E), and contact your security administrator.

**BMCDBC0094E**  
DBC internal authorization error, rc= returnCode rsn= reasonCode  

**Explanation:** The DBC security interface detected an error on the call to the Security Authorization Facility (SAF) interface. This error indicates that the authorization request was never received by any External Security Manager (ESM) because the SAF call failed. The reason code indicates the specific DBC component that detected the error. This internal error condition might indicate internal data corruption.  

**User response:** Gather all DBC output and contact BMC Customer Support.

**BMCDBC0095E**  
DBC parameter='parameterName' is invalid, rc= returnCode rsn= reasonCode  

**Explanation:** A DBC component detected an invalid parameter. The message identifies the invalid parameter, and the reason code identifies the specific component.

<table>
<thead>
<tr>
<th>Parameter name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASS NAME</td>
<td>The SAF resource class name supplied to the SAFCLASS object constructor is invalid.</td>
</tr>
<tr>
<td>COMPONENT NAME</td>
<td>The DBC component name supplied to the SAFCLASS object constructor is invalid.</td>
</tr>
<tr>
<td>COMPONENT TYPE</td>
<td>The DBC component type supplied to the SAFCLASS object constructor is invalid. The known component types are: 1=COMMAND</td>
</tr>
<tr>
<td>EPADDR</td>
<td>The entry point address required by the dynamic module service is NULL.</td>
</tr>
<tr>
<td>EPNAME</td>
<td>The entry point name passed to the dynamic module service is invalid.</td>
</tr>
<tr>
<td>FMID</td>
<td>The supplied BMC FMID is invalid. All BMC FMID values should be 7-bytes in length.</td>
</tr>
<tr>
<td>PIID</td>
<td>The supplied product instance identifier (PIID) in invalid. All PIID values should be a maximum of 16-bytes in length.</td>
</tr>
<tr>
<td>PRODUCT CODE</td>
<td>The supplied BMC product code is invalid. All BMC product codes should be 3-bytes in length.</td>
</tr>
</tbody>
</table>
These internal error conditions should not occur and could indicate internal data corruption.

User response: Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0096E**  
DBC unable to locate DYNAMN routine='moduleName', rc= returnCode rsn= reasonCode  

Explanation: A DBC component could not find the named module in the dynamic module list when trying to attach the dynamic module as a subtask. The reason code identifies the specific component that detected the error. This internal error condition should not occur and might indicate internal data corruption.

User response: Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0097E**  
DBC identify failed for DYNAMN routine='moduleName', rc= returnCode rsn= reasonCode  

Explanation: The dynamic module service failed to identify the named module’s entry point. The reason code identifies the specific component that detected the error. This internal error condition should not occur and could indicate internal data corruption.

User response: Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0098E**  
DBC cannot locate objectName anchor, rc= returnCode rsn= reasonCode  

Explanation: The dynamic module service failed to identify the anchor address of the named object. The following list identifies potential objects:

- DBCT indicates the DBC subsystem primary bootstrap object.
- DYNAMN indicates a dynamic module object.
- DPRCOMP indicates the DPR component object.
- DPRQUEUE indicates the DPR component queue object.
- DPRSERVICE indicates the DPR main service manager.
- MAI31QUEUE indicates the work queue object for DBCMAI31.
- CMDQUEUE indicates the command work queue object for the CMD component.
- EMSQUEUE indicates the EMS component queue object.
- XMQSERVICE indicates the DPR component service manager object.
- QUEUETOKEN indicates the queue object token.
- XCFCOMP indicates the XCF component object.
- XCFQUEUE indicates the XCF component queue object.
- CMDSRCLIST indicates the subsystem command queue object for the CMD component.

The reason code identifies the specific component that detected the error. This internal error condition should not occur and could indicate internal data corruption.

*User response:* Retry the request. If the problem persists, gather all DBC output and contact BMC Customer Support.

**BMCDBC0099E**  
**DPR command failed, error='errorText' rc= returnCode rsn= reasonCode**

**Explanation:** The DPR component of the DBC subsystem detected an error condition.

**User response:** Review the following table to determine possible errors and the appropriate responses:

<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>ambiguous command syntax</td>
<td>ENABLE</td>
<td>The command is ambiguous due to conflicting object identification criteria.</td>
</tr>
<tr>
<td></td>
<td>DISABLE</td>
<td><em>User response:</em> Correct the ambiguity by ensuring only one object type is specified (that is, FUNCTION, AGENT, PROCESS or SRB), and retry the request.</td>
</tr>
<tr>
<td>agent not active</td>
<td>SEND</td>
<td>A request to send a message to an active agent task failed because the agent is not active.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> Ensure the agent task is started and the &lt;TASKID&gt; parameter correctly identifies an active agent. Check all other identification parameters (&lt;PRODUCT&gt;, &lt;FMID&gt; and the optional &lt;PIID&gt;) are valid and retry the request.</td>
</tr>
<tr>
<td>agent not active</td>
<td>STOPAGENT</td>
<td>A request to stop an active agent task failed, because the agent was not active.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><em>User response:</em> Ensure that the &lt;TASKID&gt; parameter correctly identifies an active agent task. Ensure that all STOPAGENT command parameters are valid, and retry the request.</td>
</tr>
<tr>
<td>Error text</td>
<td>Command</td>
<td>Description and user response</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| agent not found                                                          | SEND STARTAGENT STOPAGENT                                              | The agent could not be found in the specified product definition.  
*User response:* Correct the agent identification parameters (<PRODUCT>, <FMID> and the optional <PIID>), and retry the request. Ensure that the product definition XML document defines the agent object correctly. If necessary, issue the TERMPROD and INITPROD commands to reinitialize the product definition in the DBC subsystem, and retry the request. |
| DB2= ssid found on multiple LPARS                                         | FINDDB2                                                                | This warning condition indicates that multiple DB2 subsystems with the same SSID have been found on different LPARS in the same sysplex.  
*User response:* No action is required.                                                                                                                          |
| DB2INFO=db2ssid - DBC=dbcssid SMFID=smfid MVSNAME=mvsname timed out        | DB2INFO                                                                | A DB2INFO command request was routed to a remote DBC subsystem but a response to the command request was not received (that is, the command timed out). This issue can be caused by shutdown of the remote system, the shutdown of DBC subsystem running on that remote system, or a system problem that has prevented the DBC from processing the DB2INFO request in a timely manner.  
*User response:* Ensure that the remote system identified by SMFID and MVSNAME is still active. If the system itself is still active, check that the DBC subsystem identified by the DBC SSID value is running and retry the request. If the problem persists gather all diagnostic information from both the local and remote DBC subsystems and contact BMC Customer Support. |
| DB2INFO=db2ssid - Local info routine DBCFDB2 failed                      | DB2INFO                                                                | The find DB2 info routine on the local LPAR has failed.  
*User response:* Retry the request. If the problem continues, gather all diagnostic information and contact BMC Customer Support.                                                                                           |
| DB2INFO=db2ssid - Local info routine read response failed                | DB2INFO                                                                | The DB2INFO function was unable to read response messages from the local find DB2 info routine. This error may indicate some form of internal storage corruption.  
*User response:* Retry the request. If the problem continues, gather all diagnostic information and contact BMC Customer Support.                                                                                           |
| FINDDB2=db2ssid - DBC=dbcssid MVSNNAME=mvsname SMFID=smfid timed out       | FINDDB2                                                                | A FINDDB2 request was issued to a remote DBC, identified in message text; however, a response from the remote DBC was not received and the request was timed out.  
*User response:* If the remote DBC subsystem was in termination at the time the request was made this is a potentially normal response. Validate all required DBC subsystems are active and retry the request. |
<table>
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<tr>
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</tr>
</thead>
</table>
| FINDDB2= ssid -> local find routine DBCFDB2 failed | FINDDB2 | The DBC was processing a FINDDB2 request for the named DB2 SSID and detected a failure in the DBCFDB2 function. This failure could be caused by external activity such as a DB2 subsystem startup and shutdown.  
*User response:* Check the DBC subsystem messages for additional diagnostics and retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support. |
| init <DB2CMD> node table | DB2CMD | The DPR component detected invalid parameters in the DB2CMD XML command request.  
*User response:* Ensure that the required <SSID> and <CMD> elements are specified. Check for DBC diagnostic error messages that identify the specific error, correct any invalid syntax, and retry the request. |
| init <DELETE> node table | DELETE | The DELETE request is used to remove DBC repository records of a provided type (for example, INITPROD and START).  
*User response:* Ensure the syntax of the DELETE repository record selection criteria is valid (that is, the <PRODUCT>, <FMID>, <PIID>, <TYPE>, <NAME>, and <ID> elements). Correct any invalid syntax and retry the request. |
| init <DISABLE> node table | DISABLE | The DPR component detected invalid parameters in the DISABLE XML command request.  
*User response:* Ensure that the required <PRODUCT> and <FMID> element are specified, check for DBC diagnostic error messages that identify the specific error, correct any invalid syntax, and retry the request. |
| init <ENABLE> node table | ENABLE | The DPR component detected invalid parameters in the ENABLE XML command request.  
*User response:* Ensure that the required <PRODUCT> and <FMID> element are specified, check for DBC diagnostic error messages that identify the specific error, correct any invalid syntax, and retry the request. |
| init <ENCLAVE> node table | ENCLAVE | The ENCLAVE command is an internal command that is issued as a result of an INITPROD request that contains an <ENCLAVE> definition.  
*User response:* Ensure the format of all <ENCLAVE> definition elements is valid in the INITPROD command request, correct any invalid syntax, and retry the request. |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| init <FINDDB2> node table  | FINDDB2  | The DPR component detected invalid parameters in the FINDDB2 XML command request. Ensure that the parameters contain the required `<SSID>` element that identifies the DB2 SSID to find.  
**User response:** Check for DBC diagnostic error messages that identify the error, correct any incorrect syntax, and retry the request |
| init <INITDB2CP> node table| INITDB2CP| The INITDB2CP command is an internal command that is issued by the DBC to itself during system initialization to request that a DPR-managed DB2 command processor product is initialized for each currently active DB2 subsystem on the local LPAR. This error should not occur and could indicate an internal data corruption.  
**User response:** Gather all available diagnostic information and contact BMC Customer Support. |
| init <SRBTERM> node table  | SRBTERM  | The SRBTERM command is an internal command that is issued to ensure all resources associated with the terminated SRB are cleaned up.  
**User response:** This problem should not occur in normal circumstances and might indicate an internal parser structure corruption. If this problem persists, gather all diagnostic information and contact BMC Customer Support. |
| init <STARTAGENT> node table| STARTAGENT| The DPR component detected invalid parameters in the STARTAGENT XML command request.  
**User response:** Ensure that the following parameters are valid: `<PRODUCT>`, `<FMID>`, `<PIID>`, `<AGENT>`, and `<TASKID>`. Check for DBC diagnostic error messages that identify the error, correct the syntax, and retry the request. |
| init <STARTPROCESS> node table| STARTPROCESS| Invalid parameters were detected in the STARTPROCESS XML command request.  
**User response:** Ensure that the following parameters are valid: `<PRODUCT>`, `<FMID>`, `<PIID>`, `<PROCESS>`, and `<PROCID>`. Check for DBC diagnostic error messages that will identify the error, correct any incorrect syntax, and retry the request. |
| init <STARTSRB> node table  | STARTSRB | The DPR component detected invalid parameters in the STARTSRB XML command request.  
**User response:** Ensure that the following parameters are valid: `<PRODUCT>`, `<FMID>`, `<PIID>`, `<SRB>`, and `<SRBID>`. Check for DBC diagnostic error messages that will identify the error, correct any syntax issues, and retry the request. |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| init <STOPAGENT> node table | STOPAGENT       | The DPR component detected invalid parameters in the STOPAGENT XML command request.  
*User response:* Ensure that the following parameters are valid: <PRODUCT>, <FMID>, <PIID>, <AGENT>, and <TASKID>. Check for DBC diagnostic error messages that will identify the error, correct any syntax issues, and retry the request. |
| init <STOPPROCESS> node table | STOPPROCESS     | The DPR component detected invalid parameters in the STOPPROCESS XML command request.  
*User response:* Ensure that the following parameters are valid: <PRODUCT>, <FMID>, <PIID>, <PROCESS>, and <PROCID>. Check for DBC diagnostic error messages that identify the error, correct any incorrect syntax, and retry the request. |
| init <TARGET> node table    | TARGET          | The <TARGET> XML element is an optional child element of <COMMAND> and is used to route requests to DBC subsystems running on a remote LPAR.  
*User response:* Ensure the <DBCSSID>, <SMFID>, or <MVSNAME> XML parameters are valid, correct any invalid syntax and retry the request. |
| init <TASKSTOP> node table  | TASKSTOP        | The TASKSTOP command is an internal command. This message indicates an internal error.  
*User response:* Gather all DBC output and contact BMC Customer Support. |
| init <TRACE> node table     | TRACE           | The DPR component detected invalid parameters in the TRACE XML command request.  
*User response:* Ensure that the <PRINT> parameter is valid. |
| init TERMPROD node table    | TERMPROD        | The TERMPROD XML command contains invalid parameters.  
*User response:* Ensure that the following parameters are valid: <PRODUCT>, <FMID>, <PIID>, and <AUTOEXEC>. Check for DBC diagnostic error messages that will identify the error, correct any incorrect syntax, and retry the request. |
| invalid agent length        | ENABLE, DISABLE | The length of the agent name is invalid. The length cannot exceed 8 bytes.  
*User response:* Correct the agent name and retry the request. |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
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</tr>
</thead>
</table>
| invalid AUTOEXEC length          | INITPROD, INITPRODBYPDM  | The length of the `<AUTOEXEC>` element of the name command is invalid.  
*User response:* Ensure that the value of the `<AUTOEXEC>` parameter is YES or NO and remove any trailing white space. Correct any incorrect syntax, and retry the request. |
| invalid AUTOEXEC value           | INITPROD, INITPRODBYPDM  | The `<AUTOEXEC>` value is invalid.  
*User response:* Ensure that the value of the `<AUTOEXEC>` parameter is YES or NO. Correct any incorrect syntax, and retry the request.                                                                                                                                                    |
| invalid ENCLAVE length           | INITPROD                 | The `<INITPROD>` command request failed because the `<ENCLAVE>` name has an invalid length or is not supplied.  
*User response:* Ensure the required `<ENCLAVE>` name value is supplied and has a maximum length of 8 bytes. Correct the XML and retry the request.                                                                                                           |
| invalid FMID length              | DELETE, INITPROD, STARTAGENT, STARTPROCESS, STARTSRB, STOPAGENT, TOPPROCESS, TOPSRB, TERMPROD | The length of the SMP/E FMID value in the `<FMID>` element is invalid. The length should be 7 bytes.  
*User response:* Correct the `<FMID>` value, and retry the request.                                                                                                                                                                |
| invalid FUNCTION length          | ENABLE, DISABLE          | The `<FUNCTION>` name length must be a maximum of 8 bytes in length.  
*User response:* Correct the function name and retry the request.                                                                                                                                                                                                                       |
| invalid ID length or invalid ID value | DELETE                   | The `<ID>` element of the DELETE request identifies a specific instance identifier of a START record to be deleted from the DBC repository. The ID relates to either the TASKID, PROCID, or SRBID associated with the STARTAGENT, STARTPROCESS, or STARTSRB commands respectively.  
*User response:* Correct the `<ID>` value to ensure it is a 4-byte numeric value in the range of 0 through 9999 and retry the request.                                                                                       |
| invalid NAME length              | DELETE                   | The `<NAME>` element of the DELETE request identifies the specific type of START record to be deleted from the DBC repository (that is, AGENT, PROCESS or SRB), and has a maximum length of 8-bytes.  
*User response:* Ensure `<NAME>` value identifies a valid START command (AGENT, PROCESS, or SRB), and retry the request.                                                                                                           |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
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</tr>
</thead>
</table>
| invalid PIID length       | DELETE                       | The length of the product identifier in the `<PIID>` element is invalid. The length cannot exceed 16 bytes.  
*User response:* Correct the `<PIID>` value, and retry the request. |
|                           | INITPROD                     |                                                                                                         |
|                           | STARTAGENT                   |                                                                                                         |
|                           | STARTPROCESS                 |                                                                                                         |
|                           | STARTSRB                     |                                                                                                         |
|                           | STOPAGENT                    |                                                                                                         |
|                           | STOPPROCESS                  |                                                                                                         |
|                           | STOPSRB                      |                                                                                                         |
|                           | TERMPROD                     |                                                                                                         |
| invalid PRINT value       | TRACE                        | The value in the `<PRINT>` element is not YES, NO, or ALL.  
*User response:* Specify a valid value. |
| invalid PROCESS length    | ENABLE                       | The `<PROCESS>` name length must be a maximum of 8 bytes in length.  
*User response:* Correct the process name and retry the request. |
|                           | DISABLE                      |                                                                                                         |
| invalid process name length| SEND                         | The length of the `<PROCESS>` value is invalid. The length cannot exceed 8 bytes.  
*User response:* Correct the `<PROCESS>` value and retry the request. |
|                           | STARTPROCESS                 |                                                                                                         |
|                           | STOPPROCESS                  |                                                                                                         |
| invalid PROCID length     | STARTPROCESS                 | The length of the `<PROCID>` value is invalid. The length cannot exceed 4 bytes, and the value must be in the range of 0 through 9999.  
*User response:* Correct the `<PROCID>` value and retry the request. |
|                           | STOPPROCESS                  |                                                                                                         |
| invalid PROCID value      | STARTPROCESS                 | The `<PROCID>` value is invalid. The length cannot exceed 4 bytes, and the value must be in the range of 0 through 9999.  
*User response:* Correct the `<PROCID>` value and retry the request. |
|                           | STOPPROCESS                  |                                                                                                         |
| invalid product code length| DELETE                       | The length of the product code in the `<PRODUCT>` value is invalid. The length should be 3 bytes.  
*User response:* Correct the `<PRODUCT>` value, and retry the request. |
|                           | INITPROD                     |                                                                                                         |
|                           | STARTAGENT                   |                                                                                                         |
|                           | STARTPROCESS                 |                                                                                                         |
|                           | STARTSRB                     |                                                                                                         |
|                           | STOPAGENT                    |                                                                                                         |
|                           | STOPPROCESS                  |                                                                                                         |
|                           | STOPSRB                      |                                                                                                         |
|                           | TERMPROD                     |                                                                                                         |
| invalid SRB length        | ENABLE                       | The `<SRB>` name length must be a maximum of 8 bytes in length.  
*User response:* Correct the SRB name and retry the request. |
<p>|                           | DISABLE                      |                                                                                                         |</p>
<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>invalid SRBID length</td>
<td>STARTSRB</td>
<td>The <code>&lt;STARTSRB&gt;</code> command request failed because the <code>&lt;SRBID&gt;</code> value has an invalid length. <em>User response:</em> Ensure the <code>&lt;SRBID&gt;</code> value is not greater than 4 bytes in length and has a value in the range 0 through 9999. Correct the XML and retry the request.</td>
</tr>
<tr>
<td>invalid SRBID length</td>
<td>STOPSRB</td>
<td>The <code>&lt;STOPSRB&gt;</code> command request failed because the <code>&lt;SRBID&gt;</code> value has an invalid length. <em>User response:</em> Ensure the <code>&lt;SRBID&gt;</code> value is not greater than 4 bytes in length and has a value in the range 0 through 9999. Correct the XML and retry the request.</td>
</tr>
<tr>
<td>invalid SRBID value</td>
<td>STARTSRB</td>
<td>The <code>&lt;STARTSRB&gt;</code> command request failed because the <code>&lt;SRBID&gt;</code> value is invalid. <em>User response:</em> Ensure the <code>&lt;SRBID&gt;</code> value is in the range 0 through 9999. Correct the XML and retry the request.</td>
</tr>
<tr>
<td>invalid SRBID value</td>
<td>STOPSRB</td>
<td>The <code>&lt;STOPSRB&gt;</code> command request failed because the <code>&lt;SRBID&gt;</code> value is invalid. <em>User response:</em> Ensure the <code>&lt;SRBID&gt;</code> value is in the range 0 through 9999. Correct the XML and retry the request.</td>
</tr>
<tr>
<td>invalid SSID length</td>
<td>DB2CMD</td>
<td>The length of the <code>&lt;SSID&gt;</code> element of the named command is invalid. <em>User response:</em> Ensure that a value for the <code>&lt;SSID&gt;</code> parameter is specified and is not greater than 4-bytes in length. Correct invalid syntax and retry the request.</td>
</tr>
</tbody>
</table>
| Invalid SSID length       | DB2INFO   | The length of the `<SSID>` element of the named command is invalid. *User response:* Ensure that a value for the `<SSID>` parameter is specified and is not greater than 4-bytes in length. If a generic DB2 SSID is provided then the `*` mask character is supported in the following form:  
  - `<SSID>*</SSID>` - All DB2 SSID's.  
  - `<SSID>AB*/</SSID>` - DB2 SSID's that begin with 'AB'.  
  Correct invalid syntax and retry the request. |
<p>| invalid SSID length       | FINDDB2   | The <code>&lt;SSID&gt;</code> value supplied to the FINDDB2 command has an invalid length. <em>User response:</em> Ensure the length of the SSID value supplied is no greater than 4 bytes. Correct the SSID value and retry the request. |</p>
<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| invalid SSID length  | INITDB2CP | The INITDB2CP command is an internal command that is issued by the DBC to itself during system initialization to request that a DPR-managed DB2 command processor product is initialized for each currently active DB2 subsystem on the local LPAR. This error should not occur and could indicate an internal data corruption.  
User response: Gather all available diagnostic information and contact BMC Customer Support. |
| invalid TASKID length | STARTAGENT, STOPAGENT | The length of the <TASKID> value is invalid. The length cannot exceed 4 bytes. The value should contain a number in the range 0 through 9999.  
User response: Correct the <TASKID> value and retry the request. |
| invalid TASKID value | STARTAGENT, STOPAGENT | The value in the <TASKID> element is invalid. The length cannot exceed 4 bytes. The value should contain a number in the range 0 through 9999.  
User response: Correct the <TASKID> value and retry the request. |
| invalid TYPE length  | DELETE | The <TYPE> XML element value has a maximum valid length of 13 bytes. The valid values for the <TYPE> XML element are INITPROD, INITPRODBYPDM, and START.  
User response: Ensure the <TYPE> value is valid, correct the invalid syntax and retry the request. |
| no DBCT              | TRACE | The DBCT control block could not be found.  
User response: Gather all DBC output and contact BMC Customer Support. |
| no TRACE object      | TRACE | The TRACE control block could not be found.  
User response: Gather all DBC output and contact BMC Customer Support. |
| process not found    | SEND STARTPROCESS, STOPPROCESS | The process could not be found in the specified product definition.  
User response: Correct any invalid process command identification parameters (<PRODUCT>, <FMID> and the optional <PIID>) and retry the request. Ensure that the product definition XML document defines the process object correctly. If necessary, issue the TERMPROD and INITPROD commands to reinitialize the product in the DBC subsystem, and retry the request. |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Command</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| product not initialized                | STARTAGENT  
STARTPROCESS  
STARTSRB  
STOPAGENT  
STOPPROCESS  
STOPSRB  
TERMPROD | The product identified by the <PRODUCT>, <FMID>, and optional <PIID> parameters could not be found. User response: Correct the product definition identification parameters and retry the request. Ensure that the product is successfully initialized, and run the TERMPROD and INITPROD commands as necessary. |
| <PRODUCT> node missing                 | INITPROD  | The required <PRODUCT> element was not found in the INITPROD command request. User response: Add the required <PRODUCT> node to the INITPROD command or correct any invalid syntax and retry the request. |
| <PRODUCT> serialize                    | INITPROD  | The parser failed to serialize the <PRODUCT> section of the INITPROD command. User response: This message could indicate a corrupt parser structure. Retry the request. If the problem persists, gather all available diagnostic information and contact BMC Customer Support. |
| XML parser reset                       | INITPROD  | The parser class failed to reset the current parser instance. User response: This message could indicate a corrupt parser structure. Retry the request. If the problem persists, gather all available diagnostic information and contact BMC Customer Support. |

### Messages BMCDBC0100 through BMCDBC0199

This group includes messages for the DBC component.

**BMCDBC0100E**  
**DPR command for productKey(objectName) failed, rc= returnCode rsn= reasonCode**  
**Explanation:** The DPR component of the DBC subsystem detected an error condition while the component executed the named command.

The product key has the following form:

```
<code>.<fmid>.<plid>
```

- The `code` value represents the 3-byte BMC product code.
- The `fmid` value represents the 7-byte SMP/E FMID of the product.
- The `piid` value represents the optional 16-byte product instance ID.

The BMC product code, FMID, and optional PIID, which comprise the product key, are contained in the product definition XML document specified by an INITPROD request. The reason code identifies the specific DBC component that detected the error condition.

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STARTAGENT</td>
<td>The request to start an agent task for the product instance identified by the product key failed.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>The request to stop an agent task for the product instance identified by the product key failed.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>The request to start a process (that is, an address space) for the product instance identified by the product key failed.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>The request to stop a process (that is, an address space) for the product instance identified by the product key failed.</td>
</tr>
<tr>
<td>STARTSRB</td>
<td>The request to start an SRB for the product instance identified by the product key failed.</td>
</tr>
<tr>
<td>STOPSRB</td>
<td>The request to stop an SRB for the product instance identified by the product key failed.</td>
</tr>
<tr>
<td>SEND</td>
<td>The request to send a message to an agent or a process for the product instance identified by the product key failed.</td>
</tr>
</tbody>
</table>

**User response:** Check for DBC diagnostic messages that identify the specific cause of the error.

**BMCDBC0101E**  
**DBC failed to send response to queue, queue type= */queueType*, queue token= */tokenNumber*, rc= */returnCode*, rsn= */reasonCode*  
**Explanation:** The message class failed in its attempt to send a response to the DBC queue. The queue type has one of the following values:

- 1 - internal address space (local queue)
- 2 - external address space (remote queue)

**User response:** Check for DBC diagnostic messages to determine whether they indicate the specific cause of the error. Gather all DBC output and contact BMC Customer Support.

**BMCDBC0102E**  
**DBC group */groupName* already has an active subsystem (ssid) on system */smfid*  
**Explanation:** The DBC subsystem initialization code found that the subsystem ssid is already active in the named group on the named system.

**User response:** No action is required.
**BMCDBC0103E**  
**DPR unable to send response to DBC API caller, rc= returnCode rsn= reasonCode**

*Explanation:* An attempt to send a response message to indicate the completion of an XML request failed. The reason code indicates the error condition that was detected by the message object methods.

*User response:* Check for DBC diagnostic messages that indicate the specific cause of the error. Gather all DBC output and contact BMC Customer Support.

**BMCDBC0104W**  
**DPR task=’taskKey’ ID= taskID ended, rc= returnCode rsn= reasonCode**

*Explanation:* A product agent task terminated. The *taskKey* has the following form:

'code.fmid.piid.moduleName'

- The *code* value represents the 3-byte BMC product code.
- The *fmid* value represents the 7-byte SMP/E FMID of the product.
- The *piid* value represents the optional 16-byte product instance ID.
- The *moduleName* value represents the agent module name.

The *taskID* value contains the identifier for the active agent task. The return code and reason code are returned from the agent task.

*User response:* No action is required.

**BMCDBC0105E**  
**DPR address space {create | destroy} failed, rc= returnCode rsn= reasonCode**

*Explanation:* The DPR component of the DBC detected a process (address-space) error. The reason code indicates the specific cause of the error and the component that detected the error condition.

*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0106E**  
**DPR SEND failed, error=’errorText’ rc= returnCode rsn= reasonCode**

*Explanation:* The DPR SEND command failed. The reason code identifies the specific cause and the DBC component that detected the error.

*User response:* Review the following table to determine possible errors and the appropriate responses:

<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAFOPTS not found</td>
<td>This serious internal error indicates that the SAFOPTS class anchor is not set in the DBCT. This error might indicate internal data corruption. User response: Gather all DBC output and contact BMC Customer Support.</td>
</tr>
<tr>
<td>Error text</td>
<td>Description and user response</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------------------</td>
</tr>
</tbody>
</table>
| SAFOPTS error | No resource class was returned for the DPR component. This error might indicate an internal error. The SAFOPTS class should return a default SAF resource class of **FACILITY** if the RESOURCE_CLASS XML element is not specified in the SAFOPTS startup parameters.  
*User response:* Check the RESOURCE_CLASS options that are specified in the SAFOPTS startup parameters. The file containing the parameters is identified by the DBCSECUR DD statement in the DBC subsystem started task JCL procedure. If the problem persists, gather all DBC output and contact BMC Customer Support. |
| <AGENT>, <PROCESS>, or <SRB> tag not found | The **SEND** command should contain an **<AGENT>, <PROCESS>, or <SRB>** tag, but does not.  
*User response:* Correct the SEND command XML parameters by adding the appropriate AGENT, PROCESS, or SRB parameter and retry the request. |
| init **SEND** node table | The DPR component detected invalid parameters in the **SEND** XML command request. Ensure that the parameters contain the following syntax:  
**<PRODUCT>, <FMID>, <PIID>, {<AGENT> | <TASKID>}, {<PROCESS> | <PROCID>}, {SRB | <SRBID>} or <MESSAGE>**  
*User response:* Check for DBC diagnostic error messages that identify the error, correct any incorrect syntax, and retry the request. |
| invalid product code length | The length of the **<PRODUCT>** value is invalid. This length should be 3 bytes.  
*User response:* Correct the **<PRODUCT>** value and retry the request. |
| invalid FMID length | The length of the **<FMID>** value is invalid. The length should be 7 bytes.  
*User response:* Correct the **<FMID>** value and retry the request. |
| invalid PIID length | The length of the **<PIID>** value is invalid. The value can not exceed 16 bytes.  
*User response:* Correct the **<PIID>** value and retry the request. |
| invalid TASKID length | The length of the **<TASKID>** value is invalid. The length cannot exceed 4 bytes, and the value should contain a number in the range 0 through 9999.  
*User response:* Correct the **<TASKID>** value and retry the request. |
| invalid PROCID length | The length of the **<PROCID>** value is invalid. The length cannot exceed 4 bytes, and the value should contain a number in the range 0 through 9999.  
*User response:* Correct the **<PROCID>** value and retry the request. |
| invalid SRBID length | The length of the **<SRBID>** value is invalid. The length cannot exceed 4 bytes, and the value should contain a number in the range 0 through 9999.  
*User response:* Correct the **<SRBID>** value and retry the request. |
| invalid TASKID value | The **<TASKID>** value is invalid. The length cannot exceed 4 bytes, and the value should contain a number in the range 0 through 9999.  
*User response:* Correct the **<TASKID>** value and retry the request. |
<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| invalid PROCID value           | The `<PROCID>` value is invalid. The length cannot exceed 4 bytes, and the value should contain a number in the range 0 through 9999.  
**User response:** Correct the `<PROCID>` value and retry the request.                                                                                               |
| invalid SRBID value            | The `<SRBID>` value is invalid. The length cannot exceed 4 bytes, and the value should contain a number in the range 0 through 9999.  
**User response:** Correct the `<SRBID>` value and retry the request.                                                                                               |
| product not initialized        | The product identified by the `<PRODUCT>`, `<FMID>`, and optional `<PIID>` parameters could not be found.  
**User response:** Ensure the product is initialized, modify the product definition and run a TERMPROD or INITPROD command as necessary. Correct any invalid syntax and retry the request. |

**BMCDBC0107**  
DBC failed to create KSDS object for the repository, rsn=reasonCode  

*Explanation:* The DBC could not create a KSDS object to interface with the repository. In most cases, this error occurs because insufficient private area virtual storage is available to satisfy the request. However, this error can occur because of an internal DBC error.  

*User response:* Ensure that the private area storage for the DBC address space is not limited by an installation exit, region size default, or the REGION parameter. BMC recommends that you specify REGION as 0M. If the region does not appear to be limited, gather all DBC output and contact BMC Customer Support.

**BMCDBC0108E**  
DBC unable to errorText repository dataset, DD name= ddName, rc= returnCode, rsn= reasonCode, VSAM rc= vsamReturnCode, VSAM rsn= vsamReasonCode  

*Explanation:* An error was detected while processing the repository data set. The following values indicate the cause of the error:

- The errorText describes the error that occurred. The following table provides possible values.

<table>
<thead>
<tr>
<th>Error text</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>open</td>
<td>The repository data set could not be opened.</td>
</tr>
<tr>
<td>close</td>
<td>The repository data set could not be closed.</td>
</tr>
<tr>
<td>put timestamp record in</td>
<td>A timestamp record could not be inserted into the repository data set.</td>
</tr>
<tr>
<td>get timestamp record from</td>
<td>The timestamp record could not be retrieved from the repository data set.</td>
</tr>
<tr>
<td>Error text</td>
<td>Meaning</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>get first record from</td>
<td>The first record could not be retrieved from the repository data set.</td>
</tr>
<tr>
<td>get next record from</td>
<td>The next sequential record could not be retrieved from the repository data set.</td>
</tr>
<tr>
<td>get first INITPROD record from</td>
<td>The first record of type INITPROD could not be retrieved from the DPR repository data set.</td>
</tr>
<tr>
<td>get next INITPROD record from</td>
<td>The next sequential record of type INITPROD could not be retrieved from the DPR repository data set.</td>
</tr>
<tr>
<td>get INITPROD record from</td>
<td>A specific record of type INITPROD could not be retrieved from the DPR repository data set.</td>
</tr>
<tr>
<td>put INITPROD record in</td>
<td>A record of type INITPROD could not be inserted into the DPR repository data set.</td>
</tr>
<tr>
<td>delete INITPROD record from</td>
<td>A specific record of type INITPROD could not be deleted from the DPR repository data set.</td>
</tr>
</tbody>
</table>

- The `ddname` value specifies the repository data set DD name.
- The `returnCode` and `reasonCode` values specify the return and reason codes set by DBC at the time of the error.
- The `vsamReturnCode` and `vsamReasonCode` values specify the return and reason codes returned by VSAM if a VSAM service returned the error.

**User response:** Refer to the DBC return and reason codes and the VSAM return and reason codes in the message to determine the specific cause of the error. If needed, gather all DBC output and contact BMC Customer Support.

**BMCDBC0109W**

**DBC repository data set opened with one or more warnings, DD name=ddName, rc=returnCode, rsn=reasonCode, VSAM rc=vsamReturnCode, VSAM rsn=vsamReasonCode**

**Explanation:** The data set was opened successfully, but the VSAM OPEN service indicated that one or more attention messages were issued. DBC attempts to continue processing.

**User response:** Refer to the DBC return and reason codes and the VSAM return and reason codes in the message to determine the nature of the warning. If you cannot determine the cause of the warning, gather all DBC output and contact BMC Customer Support.
**BMCDBC0110E**  
**DBC repository processing failed due to internal error, rsn=** reasonCode  
*Explanation:* An internal error occurred while processing the repository.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0111I**  
**DBC current PTF maintenance follows:**  
*Explanation:* This informational message precedes message BMCDBC0009I. Message BMCDBC0009I lists current SMP/E PTF maintenance that has been applied to the DBC subsystem.  
*User response:* No action is required.

**BMCDBC0112W**  
**DBC SCC PTF maintenance interface failed, rc=** returnCode  
*Explanation:* This message indicates a failure in the PTF maintenance retrieval routine. This routine is a noncritical system request to retrieve the current maintenance level of the DBC and the common code component. DBC treats this error code as a warning and continues to initialize the DBC subsystem.  
*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0113E**  
**DBC unable to insert record with length recordLength bytes to repository as it exceeds the maximum record length of maxRecordLength bytes**  
*Explanation:* A record could not be inserted into the repository because the length of the record exceeded the maximum allowed record length for the repository data set.  
*User response:* If possible, reduce the size of the data that is specified to DBC to be persisted. If this is not possible, gather all DBC output and contact BMC Customer Support.

**BMCDBC0114I**  
**DPR display of 'object' for product='code.fmid.piid' follows:**  
*Explanation:* This informational message acts as the message header that starts a listing of a product definition XML document. It identifies the document that the DISPLAY command will display. This message is followed by a series of BMCDBC0009I messages that displays the contents for a complete product definition XML document for the DPR-initialized product. Each individual BMCDBC0009I message contains a maximum of 80-bytes of XML data.  
*User response:* No action is required.

**BMCDBC0115E**  
**DPR <DISPLAY> failed, error='errorText' rc=** returnCode rsn=reasonCode  
*Explanation:* The DPR component could not complete the request to process a <DISPLAY> command.  
*User response:* Review the following table to determine possible errors and the appropriate responses:
<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| init `<DISPLAY> AGENTS node table` | The DPR component detected invalid parameters in a DISPLAY AGENTS XML command request.  
*User response:* Ensure the required `<PRODUCT>` code is specified and the optional `<FMID>`, `<PIID>`, and `<AGENT>` values are valid. Correct invalid syntax and retry the request. |
| init `<DISPLAY>` node table | The DPR component found a syntax error while processing the child nodes of the `<DISPLAY>` element in the XML command stream. Child elements include `<PRODUCT>`, `<FMID>`, and `<PIID>`.  
*User response:* Check for diagnostic messages that indicate the specific cause of the problem, correct the command request, and retry the command. |
| init `<DISPLAY> PDXD node table` | The DPR component detected invalid parameters in a DISPLAY PDXD XML command request.  
*User response:* Ensure the required `<PRODUCT>` code is specified and the optional `<FMID>` and `<PIID>` values are valid. Correct invalid syntax and retry the request. |
| init `<DISPLAY> PROCESSES node table` | The DPR component detected invalid parameters in a DISPLAY PROCESSES XML command request.  
*User response:* Ensure the required `<PRODUCT>` code is specified and the optional `<FMID>`, `<PIID>`, and `<PROCESS>` values are valid. Correct invalid syntax and retry the request. |
| init `<DISPLAY> SRBS node table` | The DPR component detected invalid parameters in a DISPLAY SRBS XML command request.  
*User response:* Ensure the required `<PRODUCT>` code is specified and the optional `<FMID>`, `<PIID>`, and `<SRB>` values are valid. Correct invalid syntax and retry the request. |
| init `<DISPLAY> STATS node table` | The DPR component detected invalid parameters in a DISPLAY STATS XML command request.  
*User response:* Ensure at least one of the optional `<MEMORY>` or `<QUEUES>` parameters is specified with a valid value. Valid values for `<MEMORY>` are YES and NO, and valid values for `<QUEUES>` are LOCAL, XM, ALL, and NO. Correct invalid syntax and retry the request. |
| invalid FMID length | The length of the optional `<FMID>` code specified in the DISPLAY command XML is invalid. This length should be 7 bytes.  
*User response:* Correct the product FMID value and retry the request. |
| invalid PIID length | The length of the optional `<PIID>` code specified in the DISPLAY command XML is invalid. This value cannot exceed 16 bytes.  
*User response:* Correct the product PIID value and retry the request. |
| invalid product code length | The length of the `<PRODUCT>` code specified in the DISPLAY command is invalid. This length should be 3 bytes.  
*User response:* Correct the product code value and retry the request. |
**BMCDBC0116W**  
**DPR warning: no products match `<DISPLAY>` criteria, rc= `returnCode`**  
*Explanation:* This warning message indicates no DPR-initialized products matched the values in the `<DISPLAY>` command selection criteria.  
*User response:* If you think that a DPR-initialized BMC product should be running in the DBC subsystem address space, ensure that the `<PRODUCT>`, `<FMID>`, and `<PIID>` parameters in the DISPLAY command are correct. If you want to display the product definition XML documents for all initialized products, specify the following DISPLAY command.  
```xml  
<DISPLAY>  
  <PDXD>  
    <PRODUCT>*</PRODUCT>  
  </PDXD>  
</DISPLAY>  
```

**BMCDBC0117E**  
**DBC failed to queue INITPROD command for processing, rc= `returnCode` rsn= `reasonCode`**  
*Explanation:* When the DPR component was activated, it failed to initialize a product because the `<INITPROD>` or `<INITPRODBYPDM>` command in the DPR repository could not be queued for processing. The `returnCode` and `reasonCode` specify the return and reason codes returned by the queue service at the time of the error.  
*User response:* Gather all DBC output, and contact BMC Customer Support.

**BMCDBC0118E**  
**DBC failed to open DPR repository, rc= `returnCode` rsn= `reasonCode`**  
*Explanation:* The DPR component was not able to open the DPR repository for processing. The `returnCode` and `reasonCode` specify the return and reason codes returned by the DPR component at the time of the error.  
*User response:* Review the DBC message log to see if additional messages provide information to help diagnose the problem. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

**BMCDBC0119E**  
**DBC failed to close DPR repository, rc= `returnCode` rsn= `reasonCode`**  
*Explanation:* The DPR component was not able to close the DPR repository. The `returnCode` and `reasonCode` specify the return and reason codes returned by the DPR component at the time of the error.  
*User response:* Review the DBC message log to see if additional messages provide information to help diagnose the problem. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

**BMCDBC0120E**  
**DBC failed to initialize DPR repository, rc= `returnCode`**  
*Explanation:* The DPR component was unable to initialize the DPR repository. The `returnCode` specifies the return code returned by the DPR component at the time of the error.  
*User response:* Review the DBC message log to see if additional messages provide information to help diagnose the problem. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.
**BMCDBC0121E**  
**DPR failed to initialize products at startup, rc= returnCode rsn= reasonCode**

*Explanation:* When the DPR component was activated, it failed to initialize the products based on the DPR `<INITPROD>` and `<INITPRODBYPDM>` commands stored in the DPR repository. The `returnCode` and `reasonCode` specify the return and reason codes returned by the DPR component at the time of the error.

*User response:* Review the DBC message log to see if additional messages provide information to help diagnose the problem. If needed, gather all DBC output and contact BMC Customer Support.

**BMCDBC0122W**  
**DPR unable to persist INITPROD command since it already exists in the DPR repository**

*Explanation:* The DPR `<INITPROD>` or `<INITPRODBYPDM>` command was not persisted to the DPR repository, because a command with the same product code, product FMID, and product instance identifier already existed in the DPR repository. This message is a warning and the DPR component will continue processing.

*User response:* No action is required. However, if you need to replace the INITPROD command that is stored in the DPR repository, perform the following actions:

- Issue a DELETE command to remove the record from the repository. For the `<DELETE>` command, specify a TYPE value of INITPROD or INITPRODBYPDM and include the PRODUCT, FMID, and optional PIID values that identify the record.

- Issue the modified INITPROD command with an AUTOEXEC value of YES to ensure that the record is persisted to the DPR repository.

**BMCDBC0123I**  
**component component activation/deactivation complete, rc= returnCode**

*Explanation:* This informational message indicates that the specified DBC component has been activated or deactivated.

*User response:* No action is required.

**BMCDBC0124W**  
**DPR repository services are not available**

*Explanation:* When the DPR component was activated, it was unable to initialize the DPR repository services. The DPR component will continue processing, but it will bypass all operations against the repository. The DPR component was also unable to automatically initialize the DPR products that are persisted in the repository and cannot persist any DPR commands to the repository that specify `<PERSIST>YES</PERSIST>`.

*User response:* If you do not plan to use the DPR repository, no action is required. Otherwise, review the DBC message log to see if additional messages provide information to help diagnose the problem. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.
BMCDBC0125I  
**DPR no active Agents found for product=’productCode’**

**Explanation:** This informational message indicates that no active agents tasks that match the DISPLAY request criteria are currently executing within the DBC subsystem.

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

BMCDBC0126I  
**DPR agent=’agentID’ TASKID(taskID) TCB(address) is status**

**Explanation:** This informational message displays the attributes of an active agent task:

- The `agentID` value indicates the active agent task name (in the form of `prodcode.fmid.piid(name)`).
- The `taskID` value indicates the task identifier and is in the range 0 to 9999.
- The `address` value indicates the z/OS TCB address of this active agent task.
- The `status` value indicates the status of the agent task (whether it is starting, stopping, detached, or active).

For more information on agent tasks, please see the documentation for the `<STARTAGENT>`, `<STOPAGENT>` and `<DISPLAY>` commands.

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

BMCDBC0127E  
**DBC IDCAMS error occurred:**

**Explanation:** The IDCAMS program returned an error after it was invoked by DBC. The IDCAMS messages are written to the DBC message log immediately following this message.

**User response:** Review the IDCAMS messages and any other DBC messages in the DBC message log to determine the cause of the error.

BMCDBC0128E  
**DBC failed to define DPR repository VSAM cluster**

**Explanation:** The DPR was unable to define the VSAM cluster for the DPR repository.

**User response:** Review the DBC message log for additional messages to determine the cause of the error. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.
**BMCDBC0129W**  **DPR repository name was not specified**

*Explanation:* The DPR is unable to identify the DBC repository because the name of the DPR repository VSAM cluster was not specified in the DBC startup options.

*User response:* If you do not plan to use the DPR repository, no action is required. Otherwise, specify a valid DPR repository name in the DBC startup options and restart the DBC subsystem.

**BMCDBC0130W**  **DPR <AUTOEXEC> processing completed with errors, rc= returnCode rsn= reasonCode**

*Explanation:* One or more errors occurred during <AUTOEXEC> processing. The <AUTOEXEC> process occurs when the DPR component automatically executes a product during product initialization or product termination. When a product is automatically executed, any product functions, agents, and processes for which <AUTOEXEC> was requested through the product definition XML document are executed by the DPR component. For product functions, this means the function is executed automatically. For product agents and processes, this means the agent or process is started automatically. If an error occurs during this process, the return and reason codes from the error are recorded and the DPR attempts to continue and complete <AUTOEXEC> processing. The *returnCode* indicates the maximum return code from the <AUTOEXEC> process, and the *reasonCode* indicates the reason code associated with the return code.

*User response:* Review the DBC message log for additional messages to determine the cause of the errors. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

**BMCDBC0131I**  **DPR process= processID PROCID(processIDNumber) ASID= nnn(xxx) STOKEN= 'stoken' is status**

*Explanation:* This informational message indicates the current status of a process instance. The DPR component generates this message after a STARTPROCESS, STOPPROCESS, or DISPLAY command is issued. The message displays the following values:

- The *processID* value represents the process ID in the format: *productCode.fmid.piid(procname)*. The piid is an optional node.
- The *processIDNumber* value represents the unique process identifier in the range 0 to 9999.
- The *nnn(xxx)* value represents the decimal and hexadecimal ASID of this process.
- The *stoken* value represents a unique 16-byte STOKEN for the process address space.
The status value indicates whether the process is active, terminated, or stopping.

User response: No response is required.

BMCDBC0132W  **DPR STARTPROCESS ignored as Process= processID PROCID(processIDNumber) is already active, rc= returnCode**

Explanation: This warning message indicates that a process, uniquely identified by the processID and PROCID, has already been started. The message displays the following values:

- The processID value represents the process ID in the format: productCode.fmid.piid(procname). The piid is an optional node.
- The processIDNumber value represents the unique process identifier in the range 0 to 9999.

User response: Change the PROCID value on the STARTPROCESS command to identify a unique instance of a process and retry the request.

BMCDBC0133E  **DPR SEND failed as Process= processID is not active, rc= returnCode rsn= reasonCode**

Explanation: This error indicates the process, identified by processID, is not active. The processID value identifies the unique process instance that was the intended target of this SEND command. This processID follows the following format:

code.fmid.piid(procName.processIDNumber)'

- The code value represents the 3-byte BMC product code.
- The fmid value represents the 7-byte SMP/E FMID of the product.
- The piid value represents the optional 16-byte product instance ID.
- The procName value is the 8-byte name of the started task procedure.
- The processIDNumber is the unique process identifier in the range 0 to 9999

User response: Issue a STARTPROCESS command specifying the appropriate procedure name and PROCID value as identified in the message and retry the request.

BMCDBC0134E  **DPR read response failed, Process= processID rc= returnCode USS error= reasonCode**

Explanation: This error indicates an internal error occurred when the DPR component performed a read response operation from the associated USS message queue. The processID value identifies the unique process instance that
was associated with this read request. See message BMCDBC0133E for details about the format of the `processID` value. The USS error code identifies the actual USS error code associated with this failure.

User response:  Retry the request. If the problem persists, gather all diagnostic information and contact BMC Customer Support.

**BMCDBC0135E  DPR `<elementName>` parsing failed, error= `errorInfo` rc= `returnCode` rsn= `reasonCode`**

Explanation:  The DPR component of the DBC subsystem detected an error condition while parsing the identified XML `elementName`. The cause of the error is shown in the `errorInfo` component of the message.

User response:  Review the following table to determine possible errors and the appropriate responses:

<table>
<thead>
<tr>
<th>Element name</th>
<th>Error info</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| AUTOEXEC     | value must be YES | NO                           | The value supplied for the AUTOEXEC XML element is invalid. The value must be YES or NO.  
  User response: Correct the AUTOEXEC value and retry the request. |
| ENCLAVE      | `<CONNECTION>` element get error         | The XML parser returned an error during a GetNodeValue request for the `<CONNECTION>` element.  
  User response: Check the DBCPRINT output for additional diagnostic messages. Remove the optional `<CONNECTION>` element from the enclave definition or correct its value and retry the request. |
| ENCLAVE      | `<CONNECTION>` element value not found   | The `<ENCLAVE>` XML definition contains an optional `<CONNECTION>` element but no value has been supplied.  
  User response: Remove the optional `<CONNECTION>` element from the enclave definition or add an appropriate value and retry the request. |
| ENCLAVE      | `<CONNECTION>` element value error       | The `<ENCLAVE>` XML definition contains an optional `<CONNECTION>` element but the value supplied is invalid.  
  User response: Remove the optional `<CONNECTION>` element from the enclave definition or correct the value and retry the request. |
| ENCLAVE      | `<CORRELATION>` element get error        | The XML parser returned an error during a GetNodeValue request for the `<CORRELATION>` element.  
  User response: Check the DBCPRINT output for additional diagnostic messages. Remove the optional `<CORRELATION>` element from the enclave definition or correct its value and retry the request. |
<table>
<thead>
<tr>
<th>Element name</th>
<th>Error info</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| ENCLAVE      | <CORRELATION> element value not found | The <ENCLAVE> XML definition contains an optional <CORRELATION> element but no value has been supplied.  
*User response:* Remove the optional <CORRELATION> element from the enclave definition or add an appropriate value and retry the request. |
| ENCLAVE      | <CORRELATION> element value error | The <ENCLAVE> XML definition contains an optional <CORRELATION> element but the value supplied is invalid.  
*User response:* Remove the optional <CORRELATION> element from the enclave definition or correct the value and retry the request. |
| ENCLAVE      | <PERFORM> element get error | The XML parser returned an error during a GetNodeValue request for the <PERFORM> element.  
*User response:* Check the DBCPRINT output for additional diagnostic messages. Remove the optional <PERFORM> element from the enclave definition or correct its value and retry the request. |
| ENCLAVE      | <PERFORM> element value not found | The <ENCLAVE> XML definition contains an optional <PERFORM> element but no value has been supplied.  
*User response:* Remove the optional <PERFORM> element from the enclave definition or add an appropriate value and retry the request. |
| ENCLAVE      | <PERFORM> element value error | The <ENCLAVE> XML definition contains an optional <PERFORM> element but the value supplied is invalid. The performance group number value must in the range 1 to 999.  
*User response:* Remove the optional <PERFORM> element from the enclave definition or correct the value and retry the request. |
| ENCLAVE      | <PRIORITY> element get error | The XML parser returned an error during a GetNodeValue request for the <PRIORITY> element.  
*User response:* Check the DBCPRINT output for additional diagnostic messages. Remove the optional <PRIORITY> element from the enclave definition or correct its value and retry the request. |
| ENCLAVE      | <PRIORITY> element value not found | The <ENCLAVE> XML definition contains an optional <PRIORITY> element but no value has been supplied.  
*User response:* Remove the optional <PRIORITY> element from the enclave definition or add an appropriate value and retry the request. |
<table>
<thead>
<tr>
<th>Element name</th>
<th>Error info</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| ENCLAVE      | <PRIORITY> element value error | The `<ENCLAVE>` XML definition contains an optional `<PRIORITY>` element but the integer value supplied is invalid. Note that a value of 0x80000000 indicates that no value was supplied.  
*User response:* Remove the optional `<PRIORITY>` element from the enclave definition or correct the value and retry the request. |
| ENCLAVE      | <SUBCOLN> element get error | The XML parser returned an error during a GetNodeValue request for the `<SUBCOLN>` element.  
*User response:* Check the DBCPRINT output for additional diagnostic messages. Remove the optional `<SUBCOLN>` element from the enclave definition or correct its value and retry the request. |
| ENCLAVE      | <SUBCOLN> element value not found | The `<ENCLAVE>` XML definition contains an optional `<SUBCOLN>` element but no value has been supplied.  
*User response:* Remove the optional `<SUBCOLN>` element from the enclave definition or add an appropriate value and retry the request. |
| ENCLAVE      | <SUBCOLN> element value error | The `<ENCLAVE>` XML definition contains an optional `<SUBCOLN>` element but the value supplied is invalid.  
*User response:* Remove the optional `<SUBCOLN>` element from the enclave definition or correct the value and retry the request. |
| ENCLAVE      | <TRXCLASS> element get error | The XML parser returned an error during a GetNodeValue request for the `<TRXCLASS>` element.  
*User response:* Check the DBCPRINT output for additional diagnostic messages. Remove the optional `<TRXCLASS>` element from the enclave definition or correct its value and retry the request. |
| ENCLAVE      | <TRXCLASS> element value not found | The `<ENCLAVE>` XML definition contains an optional `<TRXCLASS>` element but no value has been supplied.  
*User response:* Remove the optional `<TRXCLASS>` element from the enclave definition or add an appropriate value and retry the request. |
| ENCLAVE      | <TRXCLASS> element value error | The `<ENCLAVE>` XML definition contains an optional `<TRXCLASS>` element but the value supplied is invalid.  
*User response:* Remove the optional `<TRXCLASS>` element from the enclave definition or correct the value and retry the request. |
<table>
<thead>
<tr>
<th>Element name</th>
<th>Error info</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| ENCLAVE      | <TRXNAME> element get error | The XML parser returned an error during a GetNodeValue request for the <TRXNAME> element.  
*User response:* Check the DBCPRINT output for additional diagnostic messages. Remove the optional <TRXNAME> element from the enclave definition or correct its value and retry the request. |
| ENCLAVE      | <TRXNAME> element value not found | The <ENCLAVE> XML definition contains an optional <TRXNAME> element but no value has been supplied.  
*User response:* Remove the optional <TRXNAME> element from the enclave definition or add an appropriate value and retry the request. |
| ENCLAVE      | <TRXNAME> element value error | The <ENCLAVE> XML definition contains an optional <TRXNAME> element but the value supplied is invalid.  
*User response:* Remove the optional <TRXNAME> element from the enclave definition or correct the value and retry the request. |
| FUNCTION     | ENCLAVE_='name' not defined in PDXD | The <ENCLAVE> name was not defined in the product definition XML document.  
*User response:* Correct the <ENCLAVE> name or add an <ENCLAVE> definition and retry the request. |
| FUNCTION     | ENCLAVE_='name' has invalid length | The <ENCLAVE> name has an invalid length.  
*User response:* Ensure that the length of the <ENCLAVE> name does not exceed 8 bytes. Correct the <ENCLAVE> name and retry the request. |

**BMCDBC0136W**  
DPR <elementName> parsing warning= warningInfo rc= returnCode rsn= reasonCode  

**Explanation:** The DPR component of the DBC subsystem detected a warning condition while parsing the identified XML elementName. The cause of the warning is shown in the warningInfo component of the message.  

**User response:** No action is required. Review the following table for more specific information on this warning:

<table>
<thead>
<tr>
<th>Element name</th>
<th>Warning Info</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENCLAVE</td>
<td>&lt;CONNECTION&gt; value not found</td>
<td>The optional &lt;CONNECTION&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
<tr>
<td>ENCLAVE</td>
<td>&lt;CORRELATION&gt; value not found</td>
<td>The optional &lt;CORRELATION&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
<tr>
<td>Element name</td>
<td>Warning Info</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>ENCLAVE</td>
<td>&lt;PERFORM&gt; value not found</td>
<td>The optional &lt;PERFORM&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
<tr>
<td>ENCLAVE</td>
<td>&lt;PRIORITY&gt; value not found</td>
<td>The optional &lt;PRIORITY&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
<tr>
<td>ENCLAVE</td>
<td>&lt;PROCESSNAME&gt; value not found</td>
<td>The optional &lt;PROCESSNAME&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
<tr>
<td>ENCLAVE</td>
<td>&lt;SUBCOLN&gt; value not found</td>
<td>The optional &lt;SUBCOLN&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
<tr>
<td>ENCLAVE</td>
<td>&lt;TRXCLASS&gt; value not found</td>
<td>The optional &lt;TRXCLASS&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
<tr>
<td>ENCLAVE</td>
<td>&lt;TRXNAME&gt; value not found</td>
<td>The optional &lt;TRXNAME&gt; element was found but no value was specified. The parameter is ignored and processing continues.</td>
</tr>
</tbody>
</table>

**BMCDBC0137E**  
**DBC create failed for object=** `objectName`  
**rc=** `returnCode`  
**rsn=** `reasonCode`  

*Explanation:* The DPR component of the DBC subsystem detected an error during the creation of the named object. The reason code indicates the cause of the error.  

*User response:* Check the DBCPRINT output of the DBC subsystem for more diagnostic messages:  

- If the problem is caused by an XML syntax error, correct the XML element in error and retry the request.  
- If the reason code indicates a storage constraint, gather all DBC output from the DBC subsystem and, if the problem persists, contact BMC Customer Support.  

**BMCDBC0138E**  
**DBC component component is not active**  

*Explanation:* A required DBC component is not active.  

*User response:* Gather all DBC output and contact BMC Customer Support.  

**BMCDBC0139E**  
**XCF XCFMEMB list address = 0**  

*Explanation:* The address of a required list was found to be 0.  

*User response:* This is an internal error that should not occur and can represent a catastrophic storage corruption. Gather all DBC output and contact BMC Customer Support.
**BMCDBC0140E**  
XCF \{Local | Remote\} XCF member of group *groupName* not found, \{MVS name = *mvsSystemName*\} \{SMF id = *smfID*\} \{SSID = *dbcSSID*\)  

*Explanation:* DBC could not find information pertaining to an XCF member of the DBC group *groupName*. The MVS system name, MVS SMF ID, or DBC SSID identifies the impacted DBC subsystem.  

*User response:* Ensure the following conditions exist:  

- The DBC subsystem is active on the specified system.  
- The DBCPARMS parameters contain the correct XCF group name.  
- The XCF component is started.  
- Issue an XCF display command (*D XCF,GRP,* *groupName*, ALL*) for the group to check the current members of the named XCF group.  

If the problem persists, gather all DBC output and contact BMC Customer Support.  

**BMCDBC0141E**  
XCF *action* failed, rc= *returnCode*, DBC rsn= *dbcReasonCode*, XCF rsn= *xcfReasonCode*  

*Explanation:* The DBC was unable to perform the specified XCF action. This message either indicates an XCF service error or an internal DBC error condition.  

*User response:* Review the following table to determine possible errors and the appropriate responses:  

<table>
<thead>
<tr>
<th>Action</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| join | The XCF component of the DBC subsystem was unable to join the XCF group. This error may be caused by an IXCJOIN service error or an internal DBC error condition.  
*User response:* Review the return and reason codes to determine the cause of the error.  
If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support. |
| leave | The XCF component of the DBC subsystem was unable to leave the XCF group. This error may be caused by an IXCDELETE service error or an internal DBC error condition.  
*User response:* Review the return and reason codes to determine the cause of the error.  
If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support. |
| send | The XCF component of the DBC subsystem was unable to leave the XCF group. This error may be caused by an IXCMSGO service error or an internal DBC error condition.  
*User response:* Review the return and reason codes to determine the cause of the error.  
If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support. |
### Action: Query Group

**Description:** The XCF component of the DBC subsystem was unable to query the XCF group for information about the XCF members in the group. This error may be caused by an IXQUERY service error or an internal DBC error condition.

**User response:** Review the return and reason codes to determine the cause of the error. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

---

**BMCDBC0142I**

XCF {local | remote} member memberName {joined | left } group
groupName on system systemName on dateTime

**Explanation:** This informational message indicates that a member has joined or left the DBC group. The message indicates whether the member is the local DBC subsystem or a remote DBC subsystem.

- The `memberName` identifies the XCF member name associated with the member.
- The `groupName` specifies the name of the DBC group. Note that the DBC group name is equivalent to the XCF group name.
- The `systemName` identifies the MVS system name associated with the MVS system on which the member is active.
- The `dateTime` identifies the date and time when the member joined or left the group.

**User response:** No action is required if this is an expected event. Otherwise, gather all DBC output from each DBC subsystem in the group and contact BMC Customer Support.

---

**BMCDBC0143E**

DBC failed to ensure DBC group has no other DBC subsystems active on the system, rc= returnCode rsn= reasonCode

**Explanation:** The DBC subsystem was unable to complete subsystem initialization because it encountered an error while attempting to verify that the DBC group contained no other DBC subsystems on the local MVS system.

**User response:** Gather all DBC output and contact BMC Customer Support.

---

**BMCDBC0144E**

DBC failed to connect to WLM services, rc= returnCode rsn= reasonCode

**Explanation:** The DPR component of the DBC subsystem detected an error during an attempt to connect to WLM services. The DBC subsystem will continue its initialization; however, features relating to enclave services will not be available.

**User response:** Check the DBCPRINT output of the DBC subsystem for more diagnostic messages. If the problem persists, contact BMC Customer Support.
**BMCDBC0145E**

**DPR enclave= enclaveName create failed for product= productName, rc= returnCode rsn= reasonCode**

*Explanation:* The DPR component of the DBC subsystem detected an error during an attempt to create a WLM enclave. The DBC subsystem will continue its initialization; however, features relating to enclave services will not be available.

*User response:* Check the DBCPRINT output of the DBC subsystem for more diagnostic messages. If the problem persists, contact BMC Customer Support.

---

**BMCDBC0146E**

**DPR Enclave= enclaveName schedule failed for SRB= srbID, rc= returnCode rsn= reasonCode**

*Explanation:* The DPR component of the DBC subsystem detected an error during an attempt to schedule an SRB into the named enclave. The `srbID` value identifies the SRB that was being scheduled.

The `srbID` has the following format:

```
'code.fmid.piid.moduleName'
```

- The `code` value represents the 3-byte BMC product code.
- The `fmid` value represents the 7-byte SMP/E FMID of the product.
- The `piid` value represents the optional 16-byte product instance ID.
- The `moduleName` value represents the SRB module name.

*User response:* Check the reason code value to identify the cause of the problem and if possible, retry the request. If the problem persists, contact BMC Customer Support.

---

**BMCDBC0147E**

**DPR Enclave= enclaveName {JOIN|LEAVE} failed for PGM= programID, rc= returnCode rsn= reasonCode**

*Explanation:* The DPR component of the DBC subsystem detected an error during an attempt to JOIN or LEAVE the named enclave. The `programID` value identifies the program object for which this request is being made. The `programID` has the following format:

```
'code.fmid.piid.moduleName'
```

- The `code` value represents the 3-byte BMC product code.
- The `fmid` value represents the 7-byte SMP/E FMID of the product.
- The `piid` value represents the optional 16-byte product instance ID.
The `moduleName` value represents the program object.

**User response:** Check the reason code value to identify the cause of the problem and, if possible, retry the request. If the problem persists, contact BMC Customer Support.

---

**BMCDBC0148E**

**DPR Enclave command error, `<CMD>` option='ENABLE' not found**

**Explanation:** This severe internal error occurs when the enable enclave request message is generated internally by the request handler component of the DPR and sent to the message queue of a higher level task for execution.

**User response:** Gather all diagnostic information messages from the DBC subsystem. Contact BMC Customer Support because this could represent an internal storage violation.

---

**BMCDBC0149W**

**DPR {Agent|Function}= objectID failed to {JOIN|LEAVE} enclave= enclaveName, rc= returnCode rsn= reasonCode**

**Explanation:** The DPR component of the DBC subsystem detected an error during an attempt by an agent or function object to join or leave the named enclave. The `objectID` value identifies the product object for which this request is being made. The `objectID` has the following format:

```
'code.fmid.piid.moduleName'
```

- The `code` value represents the 3-byte BMC product code.
- The `fmid` value represents the 7-byte SMP/E FMID of the product.
- The `piid` value represents the optional 16-byte product instance ID.
- The `moduleName` value represents the program object.

**User response:** Check the reason code value to identify the cause of the problem and, if possible, retry the request. If the problem persists, contact BMC Customer Support.

---

**BMCDBC0150E**

**DPR <STARTSRB> failed, error= errorText rc= returnCode rsn= reasonCode**

**Explanation:** The DPR component of the DBC subsystem detected an error during an attempt to schedule an SRB.

**User response:** The following table lists the error text and provides a description and appropriate user response:

<table>
<thead>
<tr>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>invalid SRB name length</td>
<td>The <code>&lt;SRB&gt;</code> name XML element has a length greater than 8 bytes.  &lt;br&gt;<strong>User response:</strong> Correct the <code>&lt;SRB&gt;</code> name XML element value and retry the request</td>
</tr>
<tr>
<td>Error text</td>
<td>Description and user response</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>SRB not found</td>
<td>The SRB identified by the <code>&lt;SRB&gt;</code> XML element could not be found in the specified product. &lt;br&gt;<strong>User response:</strong> Ensure the <code>&lt;PRODUCT&gt;</code>, <code>&lt;FMID&gt;</code>, and optional <code>&lt;PIID&gt;</code> values identify an initialized product and that the <code>&lt;SRB&gt;</code> name is valid. Initialize the product (if necessary), correct the XML, and retry the request.</td>
</tr>
<tr>
<td>ENCLAVE=enclave_name not found</td>
<td>The required enclave for this SRB definition could not be found. This error should not occur because the enclave definition is required and should have been validated during the INITPROD request. &lt;br&gt;<strong>User response:</strong> Gather all diagnostic information and contact BMC Customer Support.</td>
</tr>
<tr>
<td>ENCLAVE=enclave_name is disabled</td>
<td>The enclave associated with this SRB has been disabled. &lt;br&gt;<strong>User response:</strong> Enable the ENCLAVE object and retry the request.</td>
</tr>
</tbody>
</table>

**BMCDBC0152W** DPR STARTSRB ignored as SRB= srbInstance is already active, rc= returnCode  
*Explanation:* The DPR component of the DBC subsystem was attempting to schedule an SRB but an instance of that SRB was already active. The `srbInstance` identifies the specific SRB instance that is already active. This value has the following form:  
```
code.fmid.piid(moduleName.id)
```
- The `code` value represents the 3-byte BMC product code.  
- The `fmid` value represents the 7-byte SMP/E FMID of the product.  
- The `piid` value represents the optional 16-byte product instance ID.  
- The `moduleName` value represents the module name of the SRB.  
- The `id` value represents the SRB instance identifier in the range of 0 through 9999.  

*User response:* Modify the `<SRBID>` parameter of the `<STARTSRB>` XML command to reflect a unique instance of the SRB and retry the request.  

**BMCDBC0153I** DPR SRB= srbName SRBID(0-9999) is {scheduled | active | terminated}  
*Explanation:* This informational message displays the current status of a DPR-managed SRB object. The `srbName` identifies the SRB and has the following form:  
```
code.fmid.piid.moduleName`
```
- The `code` value represents the 3-byte BMC product code.  
- The `fmid` value represents the 7-byte SMP/E FMID of the product.
- The $piid$ value represents the optional 16-byte product instance ID.

- The $moduleName$ value represents the module name of the SRB.

The SRBID (0-9999) field in the message identifies the unique instance of the SRB that is either in a status of scheduled, active, or terminated.

User response: No action is required.

**BMCDBC0154E** DPR failed to route cmd= commandText to remote DBC subsystem, rc= returnCode rsn= reasonCode

Explanation: The DPR component of the DBC subsystem detected an error during an attempt to route the command identified by commandText to a remote DBC subsystem.

User response: The remote destination criteria are specified through the <TARGET> XML element within the scope of the <COMMAND> node. Ensure the <TARGET> values (that is, <DBCSSID>, <SMFID> and <MVSNAME>) are valid and retry the request.

**BMCDBC0155E** XCF Failed to refresh member data for group groupName, rc= returnCode rsn= reasonCode

Explanation: The XCF component of the DBC subsystem was not able to update the XCF member data that it maintains locally for the XCF group. The XCF component requires this member data in order to communicate with the other DBC subsystems in the group.

User response: Check for DBC diagnostic messages to determine whether they indicate the specific cause of the error. Gather all DBC output and contact BMC Customer Support.

**BMCDBC0156E** DBC Failed to send response to remote DBC subsystem, SSID= ssid, System= systemName, rc= returnCode rsn= reasonCode

Explanation: The DBC subsystem was unable to send a response message to the remote DBC subsystem. The DBC SSID and MVS system name associated with the remote DBC subsystem are specified.

User response: Check for DBC diagnostic messages to determine whether they indicate the specific cause of the error. Gather all DBC output and contact BMC Customer Support.

**BMCDBC0157E** CMD command failed. Error='errorText' rc= returnCode rsn= reasonCode

Explanation: The CMD component of the DBC subsystem detected an error condition while processing a DBC command.

User response: Review the following table to determine possible errors and the appropriate responses:
<table>
<thead>
<tr>
<th>Command</th>
<th>Error text</th>
<th>Description and user response</th>
</tr>
</thead>
</table>
| CMDDEF   | init <CMDDEF> node table                        | The CMD component detected invalid parameters in the CMDDEF XML command.  
*User response*: Check for DBC diagnostic error messages that identify the error, correct any incorrect syntax, and retry the CMDDEF command.                                                                                                                                                                                                                       |
| CMDDEF   | duplicate command definition                    | The CMDDEF command specifies a duplicate command definition. The <CMD> element in the CMDDEF command must specify a command string that is unique across all commands defined to the subsystem through the CMDDEF command.  
*User response*: Correct the <CMD> element in the CMDDEF command and retry the command.                                                                                                                                                                                                                                                                     |
| CMDDEF   | invalid <CMD> value                             | The <CMD> element in the CMDDEF command specifies an invalid value. The value should specify a command string. The length of the string cannot exceed 126 characters.  
*User response*: Correct the <CMD> element in the CMDDEF command and retry the command.                                                                                                                                                                                                                                                                         |
| CMDDEF   | invalid <DBCCMD> value                          | The <DBCCMD> element in the CMDDEF command specifies an invalid value. The value should specify a valid DBC command.  
*User response*: Correct the <DBCCMD> element in the CMDDEF command and retry the command.                                                                                                                                                                                                                                                                         |
| CMDDEF   | invalid <ACTION> value                          | The child element of the <ACTION> element in the CMDDEF command is invalid. The child element should specify either the <DBCCMD> or <DPRCMD> element.  
*User response*: Correct the child element of the <ACTION> element in the CMDDEF command and retry the command.                                                                                                                                                                                                                                                           |
| CMDDEL   | init <CMDDEL> node table                        | The CMD component detected invalid parameters in the CMDDEL XML command.  
*User response*: Check for DBC diagnostic error messages that identify the error, correct any incorrect syntax, and retry the CMDDEL command.                                                                                                                                                                                                                                               |
| CMDDEL   | command not defined                             | The CMDDEL command specifies a command definition that is not defined to the DBC subsystem. The <CMD> element in the CMDDEL command must specify the command string of an existing command definition in order to delete that command definition.  
*User response*: Correct the <CMD> element in the CMDDEL command and retry the command.                                                                                                                                                                                                                                                                       |
CMD object='ObjectName' not found

Explanation: The CMD component of the DBC subsystem was not able to find a given object.

User response: Review the following table to determine possible errors and the appropriate responses:

<table>
<thead>
<tr>
<th>Object</th>
<th>Description and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMAND</td>
<td>The CMD component was not able to locate a given command definition in order to delete it. The objectName value identifies the command string of the command definition. User response: Correct the CMDDEL command to identify an existing command definition and retry the command.</td>
</tr>
</tbody>
</table>

CMD Command: commandText

Explanation: This informational message displays an operator command that was issued to the DBC subsystem.

User response: No action is required.

CMD Action: actionText

Explanation: This informational message displays the action that was performed when the operator command, specified in message BMCDBC0159I, was issued to the DBC subsystem. The action associated with the operator command was defined when the operator command definition was created by using the CMDDEF command.

User response: No action is required.

CMD Operator command processing failed, rc= returnCode rsn= reasonCode

Explanation: The CMD component of the DBC subsystem failed to process an operator command.

User response: Review DBC diagnostic messages to determine whether they indicate the specific cause of the error. Gather all DBC output and contact BMC Customer Support.

CMD QEDIT request to action(errorInfo) failed, rc= returnCode

Explanation: The CMD component of the DBC subsystem was unable to modify the command input buffer chain due to an MVS QEDIT error. This message indicates an internal error condition that might prevent the DBC subsystem from being able to process MVS MODIFY commands.

User response: Gather all DBC output and contact BMC Customer Support.
**BMCDBC0163E**  
**CMD Failed to start moduleName task, rc= returnCode rsn= reasonCode**

*Explanation:* The CMD component of the DBC subsystem was unable to start the task identified by the given module name. The return and reason codes indicate the cause of the error.

*User response:* Gather all DBC output and contact BMC Customer Support.

**BMCDBC0164I**  
**EMS event eventName {defined | deleted | already defined}, rc=returnCode**

*Explanation:* This informational message identifies the status of the event identified by eventName. The status of the event can be as follows:

- The event was successfully defined.
- The event was deleted.
- A define request was received for an event with the same name (that is, the event was already defined).

*User response:* No action is required. If the event name is already defined and you want to define an event with that name, delete or modify the name of the existing event with that name and retry the request.

**BMCDBC0165E**  
**EMS action failed. Error='errorDescription', rc=returnCode rsn=reasonCode**

*Explanation:* The event request identified by action has failed. The errorDescription text contains a brief explanation of why the request failed.

*User response:* Review the following table for more detailed information on the user response associated with the specific action and error description.

<table>
<thead>
<tr>
<th>Action</th>
<th>Error Description</th>
<th>Explanation and user response</th>
</tr>
</thead>
</table>
| EVENTDEF | init <EVENTDEF> node table | The generic parser validation routine found a syntax error.  
*User response:* Ensure the <NAME> element is specified, check DBCPRINT log for more messages, correct the EVENTDEF syntax, and retry the request. |
| EVENTDEL | init <EVENTDEL> node table | The generic parser validation routine found a syntax error.  
*User response:* Ensure the <NAME> element is specified, check DBCPRINT log for more messages, correct the EVENTDEL syntax, and retry the request. |
| EVENTDEL | event='name' not found | The event name to be deleted was not found.  
*User response:* Correct the event name and retry the request. |
<table>
<thead>
<tr>
<th>Action</th>
<th>Error Description</th>
<th>Explanation and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVENTPUB</td>
<td>init <code>&lt;EVENTPUB&gt;</code> node table</td>
<td>The generic parser validation routine found a syntax error. <strong>User response:</strong> Ensure the <code>&lt;NAME&gt;</code> element is specified, check DBCPRINT log for more messages, correct the EVENTPUB syntax, and retry the request.</td>
</tr>
<tr>
<td>EVENTPUB</td>
<td><code>event='eventName'</code> not found</td>
<td>The event name to be published was not found. <strong>User response:</strong> Correct the event name and retry.</td>
</tr>
<tr>
<td>EVENTSUB</td>
<td>init <code>&lt;EVENTSUB&gt;</code> node table</td>
<td>The generic parser validation routine found a syntax error. <strong>User response:</strong> Ensure the <code>&lt;NAME&gt;</code> element is specified, check DBCPRINT log for more messages, correct the EVENTSUB syntax, and retry the request.</td>
</tr>
<tr>
<td>EVENTSUB</td>
<td>doc element not found</td>
<td>The parser could not locate the root element of the XML document. This issue indicates that the EVENTSUB request XML document is invalid. <strong>User response:</strong> Correct the document and retry the request.</td>
</tr>
<tr>
<td>EVENTSUB</td>
<td><code>&lt;EVENTSUB&gt;</code> node not found</td>
<td>This internal error that should not occur. <strong>User response:</strong> Retry the request. If the problem persists, gather diagnostic information and contact BMC Customer Support.</td>
</tr>
<tr>
<td>EVENTSUB</td>
<td>duplicate subscriber key</td>
<td>An event subscriber with the specified key was found. This occurrence indicates that a duplicate subscription request exists. <strong>User response:</strong> Review message BMCDBC0166E to determine the subscriber key, correct the subscriber key, and retry the request.</td>
</tr>
<tr>
<td>EVENTSUB</td>
<td>add SUBSCRIB keyed list</td>
<td>An internal error occurred while updating the list of event subscribers. The most likely cause of the error is an ’out of storage’ condition. <strong>User response:</strong> Check the DBCPRINT log for other error messages and retry the request. If the problem persists, gather diagnostic information and contact BMC Customer Support.</td>
</tr>
<tr>
<td>EVENTSUB</td>
<td><code>&lt;ACTION&gt;</code> serialize</td>
<td>The parser failed to serialize the <code>&lt;ACTION&gt;</code> command XML. <strong>User response:</strong> Correct the EVENTSUB XML syntax and retry the request.</td>
</tr>
<tr>
<td>Action</td>
<td>Error Description</td>
<td>Explanation and user response</td>
</tr>
<tr>
<td>----------</td>
<td>------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| EVENTSUB | unable to set `<ACTION>` XML      | The `<ACTION>` XML command associated with this subscriber could not be set. The most likely cause of the message is a severe internal error.  
*User response:* Retry the request. If the problem persists, gather diagnostic information and contact BMC Customer Support. |
| EVENTSUB | `<ONDELETE>` serialize             | The parser failed to serialize the `<ONDELETE>` command XML.  
*User response:* Correct the EVENTSUB XML syntax and retry the request. |
| EVENTSUB | unable to set `<ONDELETE>` XML     | The `<ONDELETE>` XML command associated with this subscriber could not be set. The most likely cause of the message is a severe internal error.  
*User response:* Retry the request. If the problem persists, gather diagnostic information and contact BMC Customer Support. |
| EVENTSUB | `<ACTION>` parser create error     | The XML parser constructor failed to return a parser object. The most likely cause of the message is a severe internal error.  
*User response:* Retry the request. If the problem persists, gather diagnostic information and contact BMC Customer Support. |
| EVENTSUB | `<ACTION>` parse error             | The `<ACTION>` command failed to parse correctly due to invalid XML syntax.  
*User response:* Correct the `<ACTION>` command XML and retry the request. |
| EVENTSUB | `<ACTION>` doc element not found    | The parser could not locate the root element of the serialized `<ACTION>` command. This failure indicates an invalid XML document.  
*User response:* Correct the EVENTSUB XML request document and retry the request. |
| EVENTSUB | `<ACTION>` command node missing    | The required `<COMMAND>` node of the `<ACTION>` command was not found.  
*User response:* Correct the EVENTSUB XML syntax and retry the request. |
| EVENTSUB | `<ACTION>` command serialize        | The parser failed to serialize the `<ACTION>` command XML.  
*User response:* Correct the EVENTSUB XML syntax and retry the request. |
<table>
<thead>
<tr>
<th>Action</th>
<th>Error Description</th>
<th>Explanation and user response</th>
</tr>
</thead>
</table>
| EVENTSUB    | <ONDELETE> parser create error | The XML parser constructor failed to return a parser object. The most likely cause of this message is a severe internal error.  
User response: Retry the request. If the problem persists, gather diagnostic information and contact BMC Customer Support. |
| EVENTSUB    | <ONDELETE> parse error      | The <ONDELETE> command failed to parse correctly. This failure indicates invalid XML syntax.  
User response: Correct the <ACTION> command XML and retry the request. |
| EVENTSUB    | <ONDELETE> doc element not found | The parser could not locate the root element of the serialized <ONDELETE> command. This failure indicates an invalid XML document.  
User response: Correct the EVENTSUB XML request document and retry the request. |
| EVENTSUB    | <ONDELETE> command node missing | The required <COMMAND> node of the <ONDELETE> command was not found.  
User response: Correct the EVENTSUB XML syntax and retry the request. |
| EVENTSUB    | <ONDELETE> command serialize | The parser failed to serialize the <ONDELETE> command XML.  
User response: Correct the EVENTSUB XML syntax and retry the request. |
| EVENTUNSUB  | init <EVENTUNSUB> node table | The generic parser validation routine found a syntax error.  
User response: Ensure the <NAME> element is specified, check DBCPRINT log for more messages, correct the EVENTUNSUB syntax, and retry the request. |
| EVENTUNSUB  | event=' name ' not found    | The event name specified to be deleted was not found.  
User response: Correct the event name and retry the request. |
| EVENTUNSUB  | get current node name       | The parser failed to get the required <NAME> node.  
User response: Verify the EVENTUNSUB XML syntax is valid and retry the request. If the problem persists, contact BMC Customer Support. |
| EVENTUNSUB  | node=' nodeName ' is invalid | The required <NAME> or <SUBID> nodes were not found.  
User response: Correct the EVENTUNSUB XML syntax and retry the request. |
<table>
<thead>
<tr>
<th>Action</th>
<th>Error Description</th>
<th>Explanation and user response</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVENTUNSUB</td>
<td>&lt;SUBID&gt; node not found</td>
<td>The required &lt;SUBID&gt; XML element was not found. User response: Correct the EVENTUNSUB XML syntax and retry the request.</td>
</tr>
<tr>
<td>EVENTUNSUB</td>
<td>&lt;SUBID&gt; node name invalid</td>
<td>The required &lt;SUBID&gt; XML element name is invalid. User response: Correct the EVENTUNSUB XML syntax and retry the request.</td>
</tr>
<tr>
<td>EVENTUNSUB</td>
<td>&lt;SUBID&gt; value not found</td>
<td>The &lt;SUBID&gt; node does not specify a required value. User response: Correct the EVENTUNSUB XML syntax and retry the request.</td>
</tr>
<tr>
<td>EVENTUNSUB</td>
<td>subscriber='subscriberId' not found</td>
<td>The specified subscriber was not found. This condition indicates that no subscription for this id was made or that the subscriber has already been deleted. User response: Correct the &lt;SUBID&gt; value and retry the request.</td>
</tr>
<tr>
<td>EVENTUNSUB</td>
<td>&lt;SUBID&gt; length is invalid</td>
<td>The specified subscriber ID is invalid. User response: Ensure the &lt;SUBID&gt; value does not exceed the maximum length and retry the request.</td>
</tr>
</tbody>
</table>

**BMCDBC0166E**  
**EMS error=’errorDescription’ event=’eventName’ key=’subscriberId’, rc=returnCode rsn=reasonCode**  
**Explanation:** The event request identified in message BMCDBC0165E has failed.  
- errorDescription indicates the specific error.  
- eventName indicates the name of the event for which the request was made.  
- eventKey indicates the subscriber associated with the request.  
**User response:** Review the error description and modify the event XML request as necessary. Then, retry the request.  

**BMCDBC0167I**  
**EMS event=’eventName’ has action subscriber=’subscriberId’**  
**Explanation:** This informational message indicates that an event (eventName) has registered or removed the specified subscriber. The action value specifies whether the subscriber was registered or removed.  
**User response:** No action is required.
BMCDBC0168E  CMD Failed to send DBC command to DBCMA131 queue, rc= returnCode
rsn= reasonCode

Explanation:  The CMD component of the DBC subsystem failed to send a DBC command to the DBC command processor queue. This exceptional condition reflects an internal error in the DBC.

User response:  Re-issue the DBC command to the DBC subsystem. If the problem persists, gather all DBC output and contact BMC Customer Support.

BMCDBC0169E  CMD Invalid command: commandText

Explanation:  The operator command that was issued to the DBC subsystem was not recognized by the subsystem. Ensure that the operator command is a valid command.

User response:  Correct and retry the command.

BMCDBC0170I  DPR DBCDB2CP connected to DB2, SSID= db2Ssid

Explanation:  DBC issues this informational message when the DBCDB2CP agent is started. The message indicates that the agent connected to a DB2 subsystem with the given DB2 SSID.

User response:  No action is required.

BMCDBC0171I  DPR DBCDB2CP disconnected from DB2, SSID= db2Ssid

Explanation:  DBC issues this informational message when the DBCDB2CP agent is stopped. The message indicates that the agent disconnected from a DB2 subsystem with the given DB2 SSID.

User response:  No action is required.

BMCDBC0172I  DPR DBCDB2CP terminated, rc= returnCode rsn= reasonCode

Explanation:  This informational message indicates that the DBCDB2CP agent terminated. If the return code is zero, the agent terminated without any errors. Otherwise, the agent terminated with errors.

User response:  If the return code is zero, no action is required. Otherwise, review the DBC message log to determine if any errors were reported prior to the agent terminating. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

BMCDBC0173E  DPR DBCDB2CP failed to errorText, SSID= db2Ssid rc= returnCode rsn= reasonCode

Explanation:  The DBCDB2CP agent encountered an error when calling an internal API to perform an action against a given DB2 subsystem. The db2Ssid value specifies the SSID of the DB2 subsystem. The returnCode and reasonCode values specify the return and reason codes returned from the API.

User response:  Review the DBC message log to determine the cause of the error. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.
**BMCDBC0174E**  
**DPR DBCDB2CP command queue read error, rc= returnCode rsn= reasonCode**  
*Explanation:* The DBCDB2CP agent failed to read a command message from its input queue. The DBCDB2CP agent reported the error and terminated. The return and reason codes indicate the cause of the error.  
*User response:* Review the DBC message log to determine the cause of the error. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

**BMCDBC0175E**  
**DPR DBCDB2CP failed to send response, rc= returnCode rsn= reasonCode**  
*Explanation:* The DBCDB2CP agent failed to return a response message after issuing a DB2 command to a DB2 subsystem. The response message indicates the result of issuing the DB2 command. If the DBCDB2CP agent cannot send the response, the DPR component of the DBC subsystem will report an error when it fails to receive a response from the DBCDB2CP agent. The DBCDB2CP agent remains active and available to receive additional commands.  
*User response:* Review the DBC message log to determine the cause of the error. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

**BMCDBC0177E**  
**DPR repository already in use by another DBC subsystem**  
*Explanation:* The DPR component of the DBC subsystem is not able to use the DPR repository identified in the DBC startup options because another DBC subsystem is already using it. A given DPR repository VSAM cluster can be defined and used by only one DBC subsystem.  
*User response:* If you do not plan to use the DPR repository, no action is required. Otherwise, correct the DPR repository name in the DBC startup options and restart the DBC subsystem.

**BMCDBC0178I**  
**DPR deleted requestType'product. fmid[, piid][, objectName][, objectId]', rc= returnCode**  
*Explanation:* This message confirms successful deletion of a persisted command request from the DPR repository data set, where the requestType in the message can be INITPRODBYPDM, INITPROD or START and the request record itself is identified by the following values:

- **product** - *(required)* This value represents the 3-byte BMC product code.
- **fmid** - *(required)* This value represents the 7-byte FMID (that is, the product release level).
- **piid** - *(optional)* This value represents the product instance identifier. This value has a maximum length of 16 bytes.
- **objectName** - *(optional)* This value represents the START request object name (that is, AGENT, PROCESS or SRB).
- **objectID** - *(optional)* This value represents the START request object id (that is, TASKID, PROCID or SRBID). The range can be from 0 through 9999.

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

**BMCDBC0179E**  
**DPR DELETE failed for requestType product. fmid[. piid][. objectName][. objectID], rc= returnCode rsn= reasonCode**  

**Explanation:** This message indicates the DELETE request failed, where the `requestType` in the message can be INITPRODBYPDM, INITPROD or START and the request record itself is identified by the following values:

- **product** - *(required)* This value represents the 3-byte BMC product code.

- **fmid** - *(required)* This value represents the 7-byte FMID (that is, the product release level).

- **piid** - *(optional)* This value represents the product instance identifier. This value has a maximum length of 16 bytes.

- **objectName** - *(optional)* This value represents the START request object name (that is, AGENT, PROCESS or SRB).

- **objectID** - *(optional)* This value represents the START request object id (that is, TASKID, PROCID or SRBID). The range can be from 0 through 9999.

**User response:** Check the DBC log for further diagnostic messages that may help identify the cause of the problem. Correct any invalid syntax and retry the request.

**BMCDBC0180W**  
**DPR DBCDB2CP unable to acquire DB2 authorization automatically**  

**Explanation:** This warning message indicates that the DBC DB2 command processor agent (DBCDB2CP) was not able to acquire DB2 authorization automatically. This condition is a result of an internal error. The agent will attempt to continue processing. The DB2 authorization ID associated with the agent, however, will be the user ID of the DBC subsystem. Therefore, the agent may not have a sufficient DB2 authority level to issue DB2 commands. For more information about automatic DB2 authorization, refer to the `<DB2AUTH>` element within the DBC security options XML.

**User response:** Stop and restart the DBCDB2CP agent for which this condition occurred. If the agent issues the message again, you may need to grant DB2 authorization to the DBC subsystem. If this is necessary, you will need to do this for each DB2 subsystem to which the DBC will issue DB2 commands. To report the problem, contact BMC Customer Support.
DBC failed to \{get \| free\} \textit{name} latch set, \textit{rc=} \textit{returnCode} \textit{rsn=} \textit{reasonCode}

\textbf{Explanation:} The DBC subsystem was unable to get or free the particular latch set. This message most likely indicates an internal error condition.

\textbf{User response:} Review the DBC message log to see if additional messages provide information to help diagnose the problem. If you cannot determine the cause of the error, gather all DBC output and contact BMC Customer Support.

\begin{verbatim}
BMCDBC0182I EMS event='\textit{eventName}' has added a delayed subscriber, \textit{rc=}4
\end{verbatim}

\textbf{Explanation:} The Event Management Service (EMS) of the DBC detected an event subscription request for an event that has not yet been defined. The subscription request has been delayed and will be automatically processed once an event definition request is received for the named event.

\textbf{User response:} No action is required.

\begin{verbatim}
BMCDBC0183E DBC cannot refresh security options because DBCSECUR DD was not specified at start-up
\end{verbatim}

\textbf{Explanation:} The REFRESH command was issued to the DBC subsystem to refresh the DBC security options. However, the DBCSECUR DD statement was not specified in the DBC subsystem startup JCL when the subsystem started. To refresh the DBC security options by using the REFRESH command, you must specify the DBCSECUR DD statement in the DBC subsystem startup JCL when the subsystem is started.

\textbf{User response:} If you do not need to use the REFRESH command to dynamically refresh the DBC security options, no action is required. Otherwise, to enable this use of the REFRESH command, add the DBCSECUR DD statement to the DBC subsystem startup JCL and restart the DBC subsystem.

\section*{Messages BMCDBC0200 through BMCDBC0299}

This group includes messages for the DBC component.

\begin{verbatim}
BMCDBC0200I DBCUTIL begin DBCUTIL processing
\end{verbatim}

\textbf{Explanation:} The DBCUTIL utility began processing.

\textbf{User response:} No action is required.

\begin{verbatim}
BMCDBC0201I DBCUTIL processing completed, \textit{rc=} returnCode
\end{verbatim}

\textbf{Explanation:} The DBCUTIL utility completed with the specified return code.

\textbf{User response:} If the return code is zero, processing completed successfully and no action is required. Otherwise, refer to the error messages issued before this message to determine the specific cause of the error.
DBCUTIL begin processing input XML data

Explanation: The DBCUTIL utility began processing the input XML data that is specified in the SYSIN DD statement in the DBCUTIL JCL.

User response: No action is required.

DBCUTIL read error on ddname DD, errorDescription

Explanation: The DBCUTIL utility encountered an error while trying to read from the ddname DD statement.

User response: Browse the data set allocated to the ddname DD statement to ensure that it is not physically damaged. If you cannot determine the cause of the error, gather all DBCUTIL output and the SYSLOG from the time of the error, and contact BMC Customer Support.

DBCUTIL requested DBC subsystem not found

Explanation: The DBCUTIL utility could not locate the DBC subsystem specified by the SSID or GROUP program options. The program options are defined in the input XML data that is specified in the SYSIN DD statement in the DBCUTIL JCL.

User response: Ensure that the SSID or GROUP program options specify an active DBC subsystem.

DBCUTIL connected to DBC subsystem, SSID= ssid, Group= group

Explanation: The DBCUTIL utility located the DBC subsystem that is specified by the SSID or GROUP program options and will use that subsystem for command processing. The message displays SSID and DBC group names of the DBC subsystem.

User response: No action is required.

DBCUTIL failed to load module moduleName, rc= returnCode, rsn= reasonCode

Explanation: An attempt to load module moduleName failed. The returnCode indicates the abend code that the MVS LOAD service returned. The reasonCode indicates the associated reason code.

User response: Ensure that the module exists in the library containing the DBC product. If you cannot determine the cause of the error, gather all DBCUTIL output and the SYSLOG from the time of the error, and contact BMC Customer Support.

DBCUTIL failed to delete module moduleName, rc= returnCode

Explanation: At attempt to delete module moduleName failed. The returnCode indicates the return code from the MVS DELETE service.

User response: If you cannot determine the cause of the error, gather all DBCUTIL output and the SYSLOG from the time of the error, and contact BMC Customer Support.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMCDBC0208E</td>
<td><strong>DBCUTIL program option not recognized, optionName</strong> &lt;br&gt;<strong>Explanation:</strong> The DBCUTIL utility did not recognize the program option <code>optionName</code>. The program options are defined in the input XML data that is specified through the SYSIN DD statement in the DBCUTIL JCL. &lt;br&gt;<strong>User response:</strong> Correct the specified program option to ensure that it indicates an option name that is supported by DBCUTIL, and resubmit the DBCUTIL job.</td>
</tr>
<tr>
<td>BMCDBC0209E</td>
<td><strong>DBCUTIL duplicate program option found, optionName</strong> &lt;br&gt;<strong>Explanation:</strong> The program option <code>optionName</code> was specified more than once. The program options are defined in the input XML data that is specified through the SYSIN DD statement in the DBCUTIL JCL. &lt;br&gt;<strong>User response:</strong> Correct the specified program option so that it is specified only once, and resubmit the DBCUTIL job.</td>
</tr>
<tr>
<td>BMCDBC0210E</td>
<td><strong>DBCUTIL optionName value must not exceed max characters in length</strong> &lt;br&gt;<strong>Explanation:</strong> The value specified for the program option <code>optionName</code> must not exceed the maximum number of characters allowed for that program option. The program options are defined in the input XML data that is specified through the SYSIN DD statement in the DBCUTIL JCL. &lt;br&gt;<strong>User response:</strong> Correct the value of the specified program option so that it does not exceed the maximum length, and resubmit the DBCUTIL job.</td>
</tr>
<tr>
<td>BMCDBC0211E</td>
<td><strong>DBCUTIL At least an SSID or a GROUP must be specified</strong> &lt;br&gt;<strong>Explanation:</strong> The DBCUTIL utility requires you to specify a value for either the SSID or GROUP program option. No value is specified for either option. The program options are defined in the input XML data that is specified through the SYSIN DD statement in the DBCUTIL JCL. &lt;br&gt;<strong>User response:</strong> Specify a value for the SSID or GROUP program option, and resubmit the DBCUTIL job.</td>
</tr>
<tr>
<td>BMCDBC0212I</td>
<td><strong>DBCUTIL initialization complete</strong> &lt;br&gt;<strong>Explanation:</strong> The DBCUTIL utility completed initialization and will begin processing commands. &lt;br&gt;<strong>User response:</strong> No action is required.</td>
</tr>
<tr>
<td>BMCDBC0213I</td>
<td><strong>DBCUTIL begin processing commands</strong> &lt;br&gt;<strong>Explanation:</strong> The DBCUTIL utility began processing commands. &lt;br&gt;<strong>User response:</strong> No action is required.</td>
</tr>
</tbody>
</table>
| BMCDBC0214E | **DBCUTIL invalid command element tag, tag** <br>**Explanation:** The DBCUTIL utility detected an invalid element within the `<COMMANDES>` element. The DBCUTIL utility expected to find the
<COMMAND> element tag. The XML data that is specified through the SYSIN DD in the DBCUTIL JCL contains the invalid element.

*User response:* Correct the input XML data to ensure that only <COMMAND> elements are specified as direct children of the <COMMANDS> element. After correcting the XML, resubmit the DBCUTIL job.

**BMCDBC0215I**  
**DBCUTIL sending command: root-level XML element**

*Explanation:* The DBCUTIL utility is sending the XML stream for the command with the specified root-level XML element to the target DBC subsystem for processing.

*User response:* No action is required.

**BMCDBC0216I**  
**DBCUTIL command sent successfully**

*Explanation:* The command specified in message BMCDBC0215I was sent successfully to the target DBC subsystem for processing.

*User response:* No action is required.

**BMCDBC0217I**  
**DBCUTIL response received: rc= returnCode, rsn= reasonCode**

*Explanation:* After the DBC subsystem processed the command specified in message BMCDBC0215I, the subsystem’s response was received successfully. The response included the specified return and reason codes.

*User response:* Review the return and reason codes to determine whether the command was processed successfully. If an error occurred and you cannot determine the cause, gather all DBCUTIL and DBC output and the SYSLOG from the time of the error, and contact BMC Customer Support.

**BMCDBC0218E**  
**DBC failed to initialize the DBC API, rc= returnCode, rsn= reasonCode**

*Explanation:* An attempt to initialize the API for the DPR component of the DBC subsystem failed. The API returned the specified return and reason code values. If the return and reason codes indicate that the requested DBC subsystem could not be found, message BMCDBC0204E is issued immediately after this message.

*User response:* Review the return and reason codes to determine the specific cause of the error. If you cannot determine the cause of the error, gather all DBC output and the SYSLOG from the time of the error, and contact BMC Customer Support.

**BMCDBC0219E**  
**DBC failed to terminate the DBC API, rc= returnCode, rsn= reasonCode**

*Explanation:* An attempt to terminate the API for the DPR component of the DBC subsystem failed. The API returned the specified return and reason code values.

*User response:* Review the return and reason codes to determine the specific cause of the error. If you cannot determine the cause of the error, gather all DBC output and the SYSLOG from the time of the error, and contact BMC Customer Support.
**BMCDBC0220E**  
**Exception Category:** BMCDBC  
**Explanation:** An attempt to send a DPR command to the DPR component of the DBC subsystem failed. The API returned the specified return and reason code values.  
**User response:** Review the return and reason codes to determine the specific cause of the error. If you cannot determine the cause of the error, gather all DBC output and the SYSLOG from the time of the error, and contact BMC Customer Support.

**BMCDBC0221E**  
**Exception Category:** BMCDBC  
**Explanation:** An attempt to read the response from the DPR component of the DBC subsystem failed. The API returned the specified return and reason code values.  
**User response:** Review the return and reason codes to determine the specific cause of the error. If you cannot determine the cause of the error, gather all DBC output and the SYSLOG from the time of the error, and contact BMC Customer Support.

**BMCDBC0222W**  
**Exception Category:** BMCDBC  
**Explanation:** The DPR component of the DBC subsystem rejected a <STARTAGENT> request because an unique instance of that agent task is already active.  
**User response:** Modify the TASKID parameter of the <STARTAGENT> XML command to reflect a unique instance of that agent task and retry the request.

**BMCDBC0223I**  
**Exception Category:** BMCDBC  
**Explanation:** This informational message indicates whether a product object has been either disabled or enabled. The values have the following meanings:  
- The **object** value identifies the type of object (agent, function, process, or SRB).  
- The **prod** value represents the 3-byte BMC product code.  
- The **fmid** value represents the 7-byte SMP/E FMID of the product.  
- The **piid** value represents the optional 16-byte product instance ID.  
- The **name** value represents the program object.  
**User response:** No action is required.

**BMCDBC0224**  
**Exception Category:** BMCDBC  
**Explanation:** The IEFSSI QUERY function indicates that a non-dynamic subsystem with the same subsystem ID has been found. The DBC cannot reuse the non-dynamic subsystem, so DBC initialization terminates. This situation
can occur even if the existing non-dynamic subsystem is inactive, because the subsystem entry will remain until the next IPL.

*User response:* Change the DBC subsystem ID so that it does not conflict with an existing non-dynamic subsystem.

## Codes for the DBC

This section provides information about codes generated by the DBC.

### Reason codes for DBC services

The reason codes returned by DBC services have a common format. The format identifies the specific DBC component that detected an error.

Table 2 on page 125 describes the layout of the 4-byte reason code field.

### Table 2: Layout of reason codes

<table>
<thead>
<tr>
<th>Offset</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>+0</td>
<td>1</td>
<td>DBC functional area</td>
</tr>
<tr>
<td>+1</td>
<td>1</td>
<td>DBC program identifier</td>
</tr>
<tr>
<td>+2</td>
<td>2</td>
<td>DBC error code</td>
</tr>
</tbody>
</table>

*Note*  
The functional areas, program identifiers, and 2-byte error codes are all maintained in dbcrsns.h.

### DBC component functional area and component identifiers

The DBC functional area and program identifiers (PIDs) are placed into the high-order 2 bytes of the DBC reason code. The combination identifies the specific program that raised the error condition.

Table 3 on page 125 identifies the current DBC functional areas and program identifiers.

### Table 3: Functional areas and program identifiers

<table>
<thead>
<tr>
<th>Functional area</th>
<th>PID</th>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 = Common Services</td>
<td>01</td>
<td>DBCASUBS.asm</td>
<td>common assembler services</td>
</tr>
<tr>
<td>Functional area</td>
<td>PID</td>
<td>Module</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----</td>
<td>----------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Service and Task</td>
<td>02</td>
<td>DBCKILL.asm</td>
<td>routine to kill a task</td>
</tr>
<tr>
<td></td>
<td>03</td>
<td>DBCDIRL.asm</td>
<td>directed load interface</td>
</tr>
<tr>
<td></td>
<td>04</td>
<td>ADHOC.c</td>
<td>common functions</td>
</tr>
<tr>
<td></td>
<td>05</td>
<td>DBCDYNA.asm</td>
<td>dynamic allocation services</td>
</tr>
<tr>
<td></td>
<td>06</td>
<td>SAFOPTS.c</td>
<td>SAF options class</td>
</tr>
<tr>
<td></td>
<td>07</td>
<td>CHKAUTH.c</td>
<td>common security authorization interface</td>
</tr>
<tr>
<td></td>
<td>08</td>
<td>MESSAGE.c</td>
<td>common messages class</td>
</tr>
<tr>
<td></td>
<td>09</td>
<td>SAFCLASS.c</td>
<td>SAF resources classes for the DBC component</td>
</tr>
<tr>
<td></td>
<td>0A</td>
<td>DBCCSCB.asm</td>
<td>function to modify the CSCB key</td>
</tr>
<tr>
<td></td>
<td>0B</td>
<td>DBCTFIND.asm</td>
<td>function to locate a specific DBC subsystem</td>
</tr>
<tr>
<td></td>
<td>0E</td>
<td>DBCENCLV.asm</td>
<td>DBC enclave</td>
</tr>
<tr>
<td></td>
<td>0F</td>
<td>DBCFDB2.asm</td>
<td>find DB2 service</td>
</tr>
<tr>
<td>Queue Services</td>
<td>01</td>
<td>DBCTXR.asm</td>
<td>common end-of-task exit routine</td>
</tr>
<tr>
<td></td>
<td>02</td>
<td>TASK.c</td>
<td>tasks class</td>
</tr>
<tr>
<td></td>
<td>03</td>
<td>SERVICE.c</td>
<td>service class</td>
</tr>
<tr>
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<td>04</td>
<td>DBCSVC00.c</td>
<td>service manager task</td>
</tr>
<tr>
<td>DPR component</td>
<td>01</td>
<td>XMQUEUE.c</td>
<td>service for cross-address-space queues</td>
</tr>
<tr>
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<td>02</td>
<td>QUEUE.c</td>
<td>service for local-address-space queues</td>
</tr>
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<td>03</td>
<td>DBCQ5VC.asm</td>
<td>service for local-address-space queues</td>
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<td>DBCMQSVC.asm</td>
<td>service for cross-address-space queues</td>
</tr>
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<td>05</td>
<td>DBCSTATS.c</td>
<td>DBC statistics service</td>
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<td></td>
<td>12</td>
<td>DBCLATCH.asm</td>
<td>DBC latch services</td>
</tr>
</tbody>
</table>

02 = Service and Task Class

03 = Queue Services

04 = DPR component

05 = BMC Common Components Messages Manual
<table>
<thead>
<tr>
<th>Functional area</th>
<th>PID</th>
<th>Module</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>09</td>
<td>enclave.c</td>
<td>enclave</td>
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<tr>
<td></td>
<td>0A</td>
<td>SRB.c</td>
<td>SRB</td>
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<td></td>
<td>0B</td>
<td>SRBI.c</td>
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<tr>
<td></td>
<td>0C</td>
<td>DBCPRSMB.asm</td>
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<td></td>
<td>0D</td>
<td>DBCDB2CP.c</td>
<td>DBCDB2CP agent</td>
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<tr>
<td>05 = External APIs</td>
<td>01</td>
<td>DBCIAPI.asm</td>
<td>DPR interface</td>
</tr>
<tr>
<td>06 = DBC Subsystem</td>
<td>01</td>
<td>DBCMAI31.c</td>
<td>DBC main</td>
</tr>
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<td></td>
<td>02</td>
<td>DYNAMN.c</td>
<td>dynamic module service class</td>
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<td>03</td>
<td>DYNMOD.c</td>
<td>dynamic modules class</td>
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<tr>
<td>07 = Repository</td>
<td>01</td>
<td>DBCVOPEN.asm</td>
<td>routine to open a VSAM data set</td>
</tr>
<tr>
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<td>02</td>
<td>DBCVCLOSE.asm</td>
<td>routine to close a VDAM data set</td>
</tr>
<tr>
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<td>03</td>
<td>DBCVSGET.asm</td>
<td>routine to perform a sequential GET</td>
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<td>DBCVSPUT.asm</td>
<td>routine to perform a sequential PUT</td>
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<td>DBCVKGET.asm</td>
<td>routine to perform a sequential GET</td>
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<td>06</td>
<td>DBCVKPUT.asm</td>
<td>routine to perform a sequential PUT</td>
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<td>07</td>
<td>DBCVKDEL.asm</td>
<td>routine to perform a direct delete</td>
</tr>
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<td></td>
<td>08</td>
<td>VSAMDS.asm</td>
<td>class to manage VSAM data sets routines</td>
</tr>
<tr>
<td></td>
<td>09</td>
<td>REPOS.c</td>
<td>class to provide KDSD methods</td>
</tr>
<tr>
<td></td>
<td>0A</td>
<td>DPRREPOS.c</td>
<td>class to provide DBC API interface</td>
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<tr>
<td>08 = XCF component</td>
<td>01</td>
<td>XFCOMP.c</td>
<td>XCF component</td>
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<tr>
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<td>DBCXCF00.c</td>
<td>XCF main task</td>
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<td>XCFGROUP.c</td>
<td>XCF group class</td>
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<td>04</td>
<td>XCFMEMB.c</td>
<td>XCF member class</td>
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<td>05</td>
<td>DBCXCFI.asm</td>
<td>XCF services interface</td>
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<td>06</td>
<td>DBCXCFM.asm</td>
<td>message exit for the DBC XCF component</td>
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<td>07</td>
<td>DBCXCFG.asm</td>
<td>group exit for the DBC XCF component</td>
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<tr>
<td>09 = Event Management Services</td>
<td>01</td>
<td>EMSCOMP.c</td>
<td>Event Management Service (EMS)</td>
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<td></td>
<td></td>
<td>component</td>
</tr>
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<td>02</td>
<td>DBCEMS00.c</td>
<td>EMS main service task</td>
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<td>03</td>
<td>EVENT.c</td>
<td>EVENT class</td>
</tr>
<tr>
<td>Functional area</td>
<td>PID</td>
<td>Module</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----</td>
<td>--------------</td>
<td>------------------------------</td>
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<tr>
<td></td>
<td>04</td>
<td>DATAVAR.c</td>
<td>data variable class</td>
</tr>
<tr>
<td></td>
<td>05</td>
<td>SUBSCRIB.c</td>
<td>subscriber class</td>
</tr>
<tr>
<td>0A = CMD component</td>
<td>01</td>
<td>CMDCOMP.c</td>
<td>CMD component</td>
</tr>
<tr>
<td></td>
<td>02</td>
<td>DBCCMD00</td>
<td>CMD main task</td>
</tr>
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<td></td>
<td>03</td>
<td>DBCCMD01</td>
<td>CMD subsystem command task</td>
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<td>04</td>
<td>DBCCMD02</td>
<td>CMD MODIFY command task</td>
</tr>
<tr>
<td></td>
<td>05</td>
<td>CMD.c</td>
<td>command definition class</td>
</tr>
</tbody>
</table>

**Note**

A program identifier is unique only within the scope of a functional area.

## DBC error codes

The low-order 2 bytes of the DBC reason code contain the error code itself. In some cases, the error code is unique. However, in most cases, the error code is common and can be raised by different programs within different functional areas of DBC.

To identify which program raised the error condition, you must refer to the high-order 2 bytes that identifies the functional area and specific program that caused the error.

Table 4 on page 128 lists the DBC error codes in decimal. The error codes are displayed in hexadecimal in messages as part of the reason code.

### Table 4: Error codes for DBC

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DBCT_NOT_FOUND</td>
<td>The DBCT was not found.</td>
</tr>
<tr>
<td>2</td>
<td>XMLD_NOT_FOUND</td>
<td>The XMLD was not found in the DBCT.</td>
</tr>
<tr>
<td>3</td>
<td>STG_OBTAIN_ERR</td>
<td>The operation to obtain storage failed.</td>
</tr>
<tr>
<td>4</td>
<td>STG_RELEASE_ERR</td>
<td>The operation to release storage failed.</td>
</tr>
<tr>
<td>5</td>
<td>BAD_FUNCTION_CODE</td>
<td>The function code is invalid.</td>
</tr>
<tr>
<td>6</td>
<td>QUEUE_CREATE_ERR</td>
<td>The creation of the queue failed.</td>
</tr>
<tr>
<td>7</td>
<td>BAD_REASON_ADDR</td>
<td>The reason code pointer is invalid.</td>
</tr>
<tr>
<td>8</td>
<td>BAD_TOKEN_ADDR</td>
<td>The token pointer is invalid.</td>
</tr>
<tr>
<td>9</td>
<td>INVALID_TOKEN</td>
<td>The token is invalid.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>10</td>
<td>BAD_MESSAGE_ADDR</td>
<td>The message address is invalid.</td>
</tr>
<tr>
<td>11</td>
<td>BAD_MESSAGE_LEN</td>
<td>The message length is invalid.</td>
</tr>
<tr>
<td>12</td>
<td>RESOURCE_INUSE</td>
<td>A serialized resource is in use.</td>
</tr>
<tr>
<td>13</td>
<td>BAD_TARGET_ADDR</td>
<td>The target address is invalid.</td>
</tr>
<tr>
<td>14</td>
<td>BAD_TARGET_LEN</td>
<td>The target length is invalid.</td>
</tr>
<tr>
<td>15</td>
<td>EMPTY_QUEUE</td>
<td>The queue is empty.</td>
</tr>
<tr>
<td>16</td>
<td>MSG_OVERFLOW</td>
<td>The buffer is too small for the read operation.</td>
</tr>
<tr>
<td>17</td>
<td>BAD_RETLEN_ADDR</td>
<td>The address of the returned length is invalid.</td>
</tr>
<tr>
<td>18</td>
<td>BAD_REMLEN_ADDR</td>
<td>The address of the remaining length is invalid.</td>
</tr>
<tr>
<td>19</td>
<td>BAD_MSGID_ADDR</td>
<td>The address of the queue message ID is invalid.</td>
</tr>
<tr>
<td>20</td>
<td>BAD_MSGTYPE</td>
<td>The message type is invalid.</td>
</tr>
<tr>
<td>21</td>
<td>MSG_NOTFOUND</td>
<td>The message type was not found.</td>
</tr>
<tr>
<td>22</td>
<td>DELETE_IN_PROGRESS</td>
<td>An object delete is in progress.</td>
</tr>
<tr>
<td>23</td>
<td>MESSAGE_INUSE</td>
<td>The requested message is in use.</td>
</tr>
<tr>
<td>24</td>
<td>BAD_PLIST_ADDR</td>
<td>The address of the parameter list is invalid.</td>
</tr>
<tr>
<td>25</td>
<td>BAD_EPNAME_ADDR</td>
<td>The address of the EP name is invalid.</td>
</tr>
<tr>
<td>26</td>
<td>BAD_EPNAME_LEN</td>
<td>The length of the EP name is invalid.</td>
</tr>
<tr>
<td>27</td>
<td>BAD_EP_ADDR</td>
<td>The address of the EP name is null.</td>
</tr>
<tr>
<td>28</td>
<td>BAD_QUEUE_ADDR</td>
<td>The queue address is null.</td>
</tr>
<tr>
<td>29</td>
<td>SVC_INACTIVE</td>
<td>The required service is not active.</td>
</tr>
<tr>
<td>30</td>
<td>BAD_SERVICE_ADDR</td>
<td>The service address is null.</td>
</tr>
<tr>
<td>31</td>
<td>NO_TASK_NAME</td>
<td>A syntax error occurred.</td>
</tr>
<tr>
<td>32</td>
<td>TASK_START_ERR</td>
<td>The task start command failed.</td>
</tr>
<tr>
<td>33</td>
<td>BAD_PARM_LEN</td>
<td>The parameter length is invalid.</td>
</tr>
<tr>
<td>34</td>
<td>INVALID_PARM</td>
<td>The parameter is invalid or null.</td>
</tr>
<tr>
<td>35</td>
<td>INVALID_COMMAND</td>
<td>The command is invalid.</td>
</tr>
<tr>
<td>36</td>
<td>BAD_TCB_ADDR</td>
<td>The TCB address is null.</td>
</tr>
<tr>
<td>37</td>
<td>ESTAEX_FAILED</td>
<td>The ESTAEX service failed.</td>
</tr>
<tr>
<td>38</td>
<td>SVC_STOPPING</td>
<td>The service is stopping.</td>
</tr>
<tr>
<td>39</td>
<td>BAD_RESP_ID_ADDR</td>
<td>The address of the response ID is invalid.</td>
</tr>
<tr>
<td>40</td>
<td>RESPONSE_ERROR</td>
<td>An unknown or error response occurred.</td>
</tr>
<tr>
<td>41</td>
<td>DUPLICATE_NODE</td>
<td>A duplicate XML node name occurred.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>---------------------</td>
<td>-------------------------------------------------------</td>
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<tr>
<td>42</td>
<td>VALUE_NOTFOUND</td>
<td>The required value was not found.</td>
</tr>
<tr>
<td>43</td>
<td>OPEN_ERROR</td>
<td>An error occurred while DBC was opening the data set.</td>
</tr>
<tr>
<td>44</td>
<td>LOAD_ERROR</td>
<td>An error occurred while DBC was loading a data set.</td>
</tr>
<tr>
<td>45</td>
<td>NO_MODNAME</td>
<td>A module name is missing or invalid.</td>
</tr>
<tr>
<td>46</td>
<td>NO_DDNAME</td>
<td>A DD name is missing or invalid.</td>
</tr>
<tr>
<td>47</td>
<td>NO_DCB</td>
<td>A DCB pointer is missing or invalid.</td>
</tr>
<tr>
<td>48</td>
<td>DCB_NOT_OPEN</td>
<td>The DCB is not open.</td>
</tr>
<tr>
<td>49</td>
<td>INVALID_KEYLEN</td>
<td>The key length is invalid or null.</td>
</tr>
<tr>
<td>50</td>
<td>INVALID_HANDLE</td>
<td>The service handle is invalid.</td>
</tr>
<tr>
<td>51</td>
<td>BAD_DSNAME_LEN</td>
<td>The length of the data set name is invalid.</td>
</tr>
<tr>
<td>52</td>
<td>DUPLICATE_VALUE</td>
<td>A duplicate value occurred.</td>
</tr>
<tr>
<td>53</td>
<td>INVALID_LENGTH</td>
<td>The length is invalid.</td>
</tr>
<tr>
<td>54</td>
<td>MISSING_NODE</td>
<td>A missing node or keyword occurred.</td>
</tr>
<tr>
<td>55</td>
<td>DD_OPEN_ERR</td>
<td>A DD OPEN error occurred.</td>
</tr>
<tr>
<td>56</td>
<td>DD_ALLOC_ERR</td>
<td>A DD allocation error occurred.</td>
</tr>
<tr>
<td>57</td>
<td>BLDL_ERROR</td>
<td>A BLDL error occurred.</td>
</tr>
<tr>
<td>58</td>
<td>DELETE_ERROR</td>
<td>A DELETE error occurred.</td>
</tr>
<tr>
<td>59</td>
<td>LOCK_HELD</td>
<td>A lock was held.</td>
</tr>
<tr>
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<td>INVALID_DATA_TYPE</td>
<td>The data type is invalid.</td>
</tr>
<tr>
<td>61</td>
<td>INVALID_VALUE</td>
<td>A node or keyword value is invalid.</td>
</tr>
<tr>
<td>62</td>
<td>BAD_USERID_LEN</td>
<td>The length of the user ID is invalid.</td>
</tr>
<tr>
<td>63</td>
<td>BAD_SAFREQS_LEN</td>
<td>The length of the SAF requestor value is invalid.</td>
</tr>
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<td>64</td>
<td>BAD_SAFRES_LEN</td>
<td>The length of the SAF resource name is invalid.</td>
</tr>
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<td>DYNALLOC_ERR</td>
<td>A dynamic allocation error occurred.</td>
</tr>
<tr>
<td>66</td>
<td>DD_CLOSE_ERR</td>
<td>A DD CLOSE error occurred.</td>
</tr>
<tr>
<td>67</td>
<td>DD_LOAD_ERR</td>
<td>A DD LOAD error occurred.</td>
</tr>
<tr>
<td>68</td>
<td>SAFOPTS_NOT_FOUND</td>
<td>The SAFOPTS value was not found in DBCT.</td>
</tr>
<tr>
<td>69</td>
<td>BUILDM_ERR</td>
<td>A SAS/C buildm() error occurred.</td>
</tr>
<tr>
<td>70</td>
<td>DD_CONCAT_ERR</td>
<td>A DD CONCATENATE error occurred.</td>
</tr>
<tr>
<td>71</td>
<td>BAD_GROUP_LEN</td>
<td>The length of the &lt;GROUP&gt; element is invalid.</td>
</tr>
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<td>72</td>
<td>NAMETOKEN_ERR</td>
<td>A name or token services error occurred.</td>
</tr>
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<td>73</td>
<td>IDENTIFY_ERR</td>
<td>The z/OS IDENTIFY operation failed.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
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<tr>
<td>74</td>
<td>GETEP_ERR</td>
<td>The get DYNMOD entry point operation failed.</td>
</tr>
<tr>
<td>75</td>
<td>DYNAMN_NOTFOUND</td>
<td>The DYNAMN object was not found.</td>
</tr>
<tr>
<td>76</td>
<td>DYNMOD_NOTFOUND</td>
<td>The DYNMOD object was not found.</td>
</tr>
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<td>77</td>
<td>SEND_RESPONSE_ERR</td>
<td>An error occurred while DBC was sending the response to the queue.</td>
</tr>
<tr>
<td>78</td>
<td>BAD_PRODCODE_LEN</td>
<td>The length of the product code is incorrect.</td>
</tr>
<tr>
<td>79</td>
<td>BAD_OBJGRP_LEN</td>
<td>The length of the object group is incorrect.</td>
</tr>
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<td>80</td>
<td>BAD_OBJNAME_LEN</td>
<td>The length of the object name is incorrect.</td>
</tr>
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<td>BAD_OBJTYPE_LEN</td>
<td>The length of the object type is incorrect.</td>
</tr>
<tr>
<td>82</td>
<td>BAD_RSP_BUF_LEN_ADDR</td>
<td>The address of the response buffer length is incorrect.</td>
</tr>
<tr>
<td>83</td>
<td>BAD_RSP_RC_ADDR</td>
<td>The address of the response return code is incorrect.</td>
</tr>
<tr>
<td>84</td>
<td>BAD_RSP_RSN_ADDR</td>
<td>The address of the response reason code is incorrect.</td>
</tr>
<tr>
<td>85</td>
<td>DPRSERVICE_NOT_FOUND</td>
<td>The DPR service object was not found.</td>
</tr>
<tr>
<td>86</td>
<td>BAD_CLASS_NAME</td>
<td>The resource class name is invalid.</td>
</tr>
<tr>
<td>87</td>
<td>BAD_COMPONENT_NAME</td>
<td>The component name is invalid.</td>
</tr>
<tr>
<td>88</td>
<td>BAD_COMPONENT_TYPE</td>
<td>The component type is invalid.</td>
</tr>
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<td>89</td>
<td>SAFCLASS_CREATE_ERR</td>
<td>A SAFCLASS object create error occurred.</td>
</tr>
<tr>
<td>90</td>
<td>BAD_FMID_LEN</td>
<td>The length of the FMID value is invalid.</td>
</tr>
<tr>
<td>91</td>
<td>BAD_PIID_LEN</td>
<td>The length of the PIID valid is invalid.</td>
</tr>
<tr>
<td>92</td>
<td>ADD_LISTKEY_ERR</td>
<td>The DPR component failed to add the object to the keyed list.</td>
</tr>
<tr>
<td>93</td>
<td>DUPLICATE_REC</td>
<td>The request found a duplicate record.</td>
</tr>
<tr>
<td>94</td>
<td>SEND_MSG_ERR</td>
<td>The DPR component failed to send the message to the queue.</td>
</tr>
<tr>
<td>95</td>
<td>REC_NOT_FOUND</td>
<td>The record was not found.</td>
</tr>
<tr>
<td>96</td>
<td>BAD_CSCBKEY</td>
<td>The CSCB key value is invalid.</td>
</tr>
<tr>
<td>97</td>
<td>BAD_CSCBKEY_LEN</td>
<td>The CSCB key length is invalid.</td>
</tr>
<tr>
<td>98</td>
<td>CSCB_NOTFND</td>
<td>The CSCB was not found.</td>
</tr>
<tr>
<td>99</td>
<td>CSCB_RETRY</td>
<td>The maximum limit for CSCB error retries was reached.</td>
</tr>
<tr>
<td>400</td>
<td>OPTION_NOT_FOUND</td>
<td>The option was not found in the DBCT.</td>
</tr>
<tr>
<td>401</td>
<td>REPOS_NOT_AVAILABLE</td>
<td>The repository is not available.</td>
</tr>
<tr>
<td>402</td>
<td>RESP_NOT_REQUIRED</td>
<td>A message object response was not required.</td>
</tr>
<tr>
<td>403</td>
<td>DEFLATE_ERROR</td>
<td>An error occurred during object serialization.</td>
</tr>
<tr>
<td>404</td>
<td>BAD_RSPID_ADDR</td>
<td>A bad response ID address detected.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>---------------------------</td>
<td>----------------------------------------------------------------</td>
</tr>
<tr>
<td>405</td>
<td>RESP_WAS_SENT</td>
<td>A message response was already sent.</td>
</tr>
<tr>
<td>406</td>
<td>BAD_DBCT_ADDR</td>
<td>The DBCT pointer is invalid.</td>
</tr>
<tr>
<td>407</td>
<td>DECONCAT_ERR</td>
<td>A deconcatenation error occurred.</td>
</tr>
<tr>
<td>408</td>
<td>DBCP_ENQ_ERROR</td>
<td>An error in API ENQ processing occurred.</td>
</tr>
<tr>
<td>409</td>
<td>BAD_ASPACE_ADDR</td>
<td>The ASPACE pointer is invalid.</td>
</tr>
<tr>
<td>410</td>
<td>BAD_SSID_ADDR</td>
<td>The SSID pointer is invalid.</td>
</tr>
<tr>
<td>411</td>
<td>DBCP_NOT_FOUND</td>
<td>The DBCP ENQ was not found.</td>
</tr>
<tr>
<td>412</td>
<td>ESTAE_RETRY</td>
<td>The recovery retry maximum was hit.</td>
</tr>
<tr>
<td>413</td>
<td>ASID_NOTFND</td>
<td>The address space was not found.</td>
</tr>
<tr>
<td>414</td>
<td>READ_RESPONSE_ERR</td>
<td>An error occurred in the read response queue.</td>
</tr>
<tr>
<td>415</td>
<td>DEALLOC_ERR</td>
<td>A DD deallocation error occurred.</td>
</tr>
<tr>
<td>416</td>
<td>BAD_FUNCTION_PARMS</td>
<td>The function-specific parameters are not valid.</td>
</tr>
<tr>
<td>417</td>
<td>BAD_ENCLAVE_LEN</td>
<td>The enclave length is invalid.</td>
</tr>
<tr>
<td>418</td>
<td>OBJECT_CREATE_ERR</td>
<td>An object create error occurred.</td>
</tr>
<tr>
<td>419</td>
<td>LATCH_CREATE_ERR</td>
<td>A latch set create error occurred.</td>
</tr>
<tr>
<td>420</td>
<td>LATCH_OBTAIN_ERR</td>
<td>A latch obtain error occurred.</td>
</tr>
<tr>
<td>421</td>
<td>DD_DELETE_ERR</td>
<td>A DD DELETE error occurred.</td>
</tr>
<tr>
<td>422</td>
<td>BAD_FNAME_ADDR</td>
<td>A function name is missing.</td>
</tr>
<tr>
<td>423</td>
<td>BAD_CORRNAME_LEN</td>
<td>The correlation name length is invalid.</td>
</tr>
<tr>
<td>424</td>
<td>BAD_PERFGRPNUM</td>
<td>The performance group number is invalid.</td>
</tr>
<tr>
<td>425</td>
<td>BAD_SRBD_ADDR</td>
<td>The SRB EP address is invalid.</td>
</tr>
<tr>
<td>427</td>
<td>DBCMAI31_QUEUE_NOT_FO UND</td>
<td>The DBCMAI31 queue was not found.</td>
</tr>
<tr>
<td>428</td>
<td>SCCATT_INIT_FAILED</td>
<td>An att API init error occurred.</td>
</tr>
<tr>
<td>429</td>
<td>SCCATT_TERM_FAILED</td>
<td>An att API termination error occurred.</td>
</tr>
<tr>
<td>430</td>
<td>SCCATT_CONN_FAILED</td>
<td>An att API connection error occurred.</td>
</tr>
<tr>
<td>431</td>
<td>SCCATT_DCON_FAILED</td>
<td>An att API disconnect error occurred.</td>
</tr>
<tr>
<td>432</td>
<td>SCCATT_CMD_FAILED</td>
<td>An att API DB2 command error occurred.</td>
</tr>
<tr>
<td>433</td>
<td>BAD_MQINFO_ADDR</td>
<td>The MQINFO address is missing.</td>
</tr>
<tr>
<td>439</td>
<td>LATCH_NOT_FOUND</td>
<td>The latch set was not found.</td>
</tr>
<tr>
<td>440</td>
<td>BAD_REQID_ADDR</td>
<td>No requestor ID address existed.</td>
</tr>
<tr>
<td>441</td>
<td>BAD_LTOKEN_ADDR</td>
<td>No latch token address existed.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>---------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>442</td>
<td>BAD_LNUM_ADDR</td>
<td>No latch number address existed.</td>
</tr>
<tr>
<td>443</td>
<td>BAD_LOPT_ADDR</td>
<td>No latch access option address existed.</td>
</tr>
<tr>
<td>444</td>
<td>IEANTRT_ERR</td>
<td>An IEANTRT service error occurred.</td>
</tr>
<tr>
<td>445</td>
<td>IEANTCR_ERR</td>
<td>An IEANTCR service error occurred.</td>
</tr>
<tr>
<td>446</td>
<td>ISGLCRT_ERR</td>
<td>An ISGLCRT service error occurred.</td>
</tr>
<tr>
<td>447</td>
<td>ISGLPRG_ERR</td>
<td>An ISGLPRG service error occurred.</td>
</tr>
<tr>
<td>448</td>
<td>ISGLOBT_ERR</td>
<td>An ISGLOBT service error occurred.</td>
</tr>
<tr>
<td>449</td>
<td>ISGLREL_ERR</td>
<td>An ISGLREL service error occurred.</td>
</tr>
<tr>
<td>450</td>
<td>VSMLIST_ERR</td>
<td>The virtual Storage Manager (VSM) statistics interface failed.</td>
</tr>
<tr>
<td>451</td>
<td>BAD_PRINT_ADDR PRINT</td>
<td>A class object pointer is null or invalid.</td>
</tr>
<tr>
<td>452</td>
<td>DD_CREATE_ERR</td>
<td>The creation of a DD class object failed.</td>
</tr>
<tr>
<td>453</td>
<td>BAD_OBJECT_ADDR</td>
<td>An invalid or null object address was found.</td>
</tr>
<tr>
<td>454</td>
<td>BAD_STRUCT_ADDR</td>
<td>An invalid or null struct pointer was found.</td>
</tr>
<tr>
<td>455</td>
<td>ESTAE_NOT_SET</td>
<td>An internal recovery failed to set ESTAE.</td>
</tr>
<tr>
<td>456</td>
<td>DIAGNOSEFAILED</td>
<td>An internal DIAGNOSE command failed.</td>
</tr>
</tbody>
</table>

**XMLD parser API reason codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>BAD_PARM</td>
<td>The input parameter is invalid.</td>
</tr>
<tr>
<td>101</td>
<td>PINST_EXISTS</td>
<td>The parser instance already exists.</td>
</tr>
<tr>
<td>102</td>
<td>PINST_NO_EXISTS</td>
<td>The parser instance does not exist.</td>
</tr>
<tr>
<td>103</td>
<td>PBLK_ALLOC_ERR</td>
<td>The allocate parser instance CB operation failed.</td>
</tr>
<tr>
<td>104</td>
<td>PINST_CREATE_ERR</td>
<td>The create parser instance operation failed.</td>
</tr>
<tr>
<td>105</td>
<td>PINST_FREE_ERR</td>
<td>The free parser instance operation failed.</td>
</tr>
<tr>
<td>106</td>
<td>PARSE_EXISTS</td>
<td>The parse tree already exists.</td>
</tr>
<tr>
<td>107</td>
<td>PARSE_NO_EXISTS</td>
<td>The parse tree does not exist.</td>
</tr>
<tr>
<td>108</td>
<td>PARSE_ERR</td>
<td>The parse request failed.</td>
</tr>
<tr>
<td>109</td>
<td>PARSE_FREE_ERR</td>
<td>The free parse tree operation failed.</td>
</tr>
<tr>
<td>110</td>
<td>GET_ROOT_ERR</td>
<td>The get root node operation failed.</td>
</tr>
<tr>
<td>111</td>
<td>SET_NODE_ERR</td>
<td>The set node value operation failed.</td>
</tr>
<tr>
<td>112</td>
<td>GET_ATTR_ERR</td>
<td>The get attribute operation failed.</td>
</tr>
<tr>
<td>113</td>
<td>SERIALIZE_ERR</td>
<td>The serialize parse tree operation failed.</td>
</tr>
<tr>
<td>114</td>
<td>SERIALIZE_FREE_ERR</td>
<td>The release serialized operation failed.</td>
</tr>
</tbody>
</table>

**Parser reason codes**
<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>GET_NODE_TYPE_ERR</td>
<td>The get node type operation failed.</td>
</tr>
<tr>
<td>116</td>
<td>AUTH_FAIL</td>
<td>The request was not authorized and failed.</td>
</tr>
<tr>
<td>117</td>
<td>AUTH_ERROR</td>
<td>An authorization error occurred.</td>
</tr>
<tr>
<td>118</td>
<td>PINST_HANDLE_ERR</td>
<td>The parser instance handle is invalid.</td>
</tr>
<tr>
<td>119</td>
<td>PARSE_HANDLE_ERR</td>
<td>The parser session handle is invalid.</td>
</tr>
<tr>
<td>120</td>
<td>NODE_NOTFND</td>
<td>The child node not was found.</td>
</tr>
<tr>
<td>121</td>
<td>CURR_NODE_ERR</td>
<td>The current node is in error.</td>
</tr>
<tr>
<td>122</td>
<td>CHILD_NODE_ERR</td>
<td>The child node is in error.</td>
</tr>
</tbody>
</table>

**Task and service object reason code**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>BAD_PGMNAME</td>
<td>The address of the program name is invalid.</td>
</tr>
<tr>
<td>131</td>
<td>BAD_PGMNLEN</td>
<td>The length of the program name is invalid.</td>
</tr>
<tr>
<td>132</td>
<td>NULL_TCB_ADDR</td>
<td>The TCB address is null.</td>
</tr>
<tr>
<td>133</td>
<td>TASK_IS_ACTIVE</td>
<td>The task is still active.</td>
</tr>
<tr>
<td>134</td>
<td>NULL_TASK_ADDR</td>
<td>The address of the TASK object is null.</td>
</tr>
<tr>
<td>135</td>
<td>ATTACH_ERR</td>
<td>A task ATTACH error occurred.</td>
</tr>
<tr>
<td>136</td>
<td>NO_ACTIVE_TASKS</td>
<td>No active tasks are available.</td>
</tr>
<tr>
<td>137</td>
<td>TASKS_IN_SHUTDOWN</td>
<td>Tasks are still shutting down.</td>
</tr>
<tr>
<td>138</td>
<td>INVALID_QTYPE</td>
<td>The queue type is invalid.</td>
</tr>
<tr>
<td>139</td>
<td>SVC_NOT_STOPPING</td>
<td>The service is not stopping.</td>
</tr>
<tr>
<td>140</td>
<td>TASK_ABEND</td>
<td>A task abend was detected.</td>
</tr>
<tr>
<td>141</td>
<td>TASK_IS_DETACHED</td>
<td>A task is detached.</td>
</tr>
<tr>
<td>142</td>
<td>TASK_IS_STOPPING</td>
<td>A task is stopping.</td>
</tr>
<tr>
<td>143</td>
<td>BAD_RESP_IDENTIFIER</td>
<td>The required response ID parameter is missing.</td>
</tr>
<tr>
<td>144</td>
<td>BAD_RESP_BUFFER_PTR</td>
<td>The required buffer address is missing.</td>
</tr>
<tr>
<td>145</td>
<td>BAD_RESP_LENGTH_PTR</td>
<td>The required buffer length is missing.</td>
</tr>
<tr>
<td>146</td>
<td>BAD_RESP_BUFFER_LEN</td>
<td>The response buffer length is zero or invalid.</td>
</tr>
<tr>
<td>147</td>
<td>READRESPONSE_TIMEOUT</td>
<td>The read response request timed out.</td>
</tr>
<tr>
<td>148</td>
<td>TASK_IS_TERMINATED</td>
<td>The task terminated.</td>
</tr>
<tr>
<td>149</td>
<td>TASK_NOT_TERMINATED</td>
<td>The task did not terminate.</td>
</tr>
</tbody>
</table>

**XMQUEUE and DBC USS MQ service reason codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>BAD_USS_REASON_ADDR</td>
<td>The address of the USS reason code is invalid.</td>
</tr>
<tr>
<td>151</td>
<td>BAD_MQID_ADDR</td>
<td>The address of the MQ ID is invalid.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>----------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>152</td>
<td>BAD_MQTYPE_ADDR</td>
<td>The address of the MQ type is invalid.</td>
</tr>
<tr>
<td>153</td>
<td>BAD_WAIT_ADDR</td>
<td>The address of the WAIT indicator is invalid.</td>
</tr>
<tr>
<td>154</td>
<td>BAD_RET_MSGTYPE_ADDR</td>
<td>The address of the returned message type is invalid.</td>
</tr>
<tr>
<td>155</td>
<td>BAD_RET_BYTE_CNT_ADDR</td>
<td>The address of the returned byte count is invalid.</td>
</tr>
<tr>
<td>156</td>
<td>USS_SERVICE_ERR</td>
<td>A USS service error occurred.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>USS_SERVICE_ERR indicates that the USS service returned an error. To diagnose,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>see the return code and the returned USS reason code in USS system services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>messages and codes manual.</td>
</tr>
<tr>
<td>157</td>
<td>TARGET_BUF_TOO_SMALL</td>
<td>(warning) The target message buffer is too small. You need a larger message</td>
</tr>
<tr>
<td></td>
<td></td>
<td>buffer.</td>
</tr>
<tr>
<td>1141</td>
<td>USS_ID_REMOVED</td>
<td>The USS identifier was removed.</td>
</tr>
</tbody>
</table>

**DPRCOMP component reason codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>163</td>
<td>FINDDB2_FAILED</td>
<td>The find DB2 request failed.</td>
</tr>
<tr>
<td>164</td>
<td>TARGET_FAILED</td>
<td>The syntax for the TARGET statement is invalid.</td>
</tr>
<tr>
<td>165</td>
<td>STOPSRB_FAILED</td>
<td>The STOP SRB request failed.</td>
</tr>
<tr>
<td>166</td>
<td>DPIQUEUE NOT_FOUND</td>
<td>The main queue of the DPI component was not found.</td>
</tr>
<tr>
<td>167</td>
<td>DPIQUEUEETKN_ERROR</td>
<td>A queue token error occurred.</td>
</tr>
<tr>
<td>168</td>
<td>ENCLAVE_DISABLED</td>
<td>The enclave is disabled.</td>
</tr>
<tr>
<td>169</td>
<td>SRBTERM_FAILED</td>
<td>The SRB terminate request failed.</td>
</tr>
<tr>
<td>170</td>
<td>DPRCOMP NOT FOUND</td>
<td>The DPR component was not found in DBCT.</td>
</tr>
<tr>
<td>171</td>
<td>INVALID REQUEST</td>
<td>The DPR request is invalid.</td>
</tr>
<tr>
<td>172</td>
<td>PDM_GET_XML_ERR</td>
<td>The PDM get request operation failed.</td>
</tr>
<tr>
<td>173</td>
<td>PDM_XML_DOC_ERR</td>
<td>The PDM XML document is invalid.</td>
</tr>
<tr>
<td>174</td>
<td>INIT_FAILED</td>
<td>The request to initialize a product failed.</td>
</tr>
<tr>
<td>175</td>
<td>EXECUTE_FAILED</td>
<td>The product execute operation failed.</td>
</tr>
<tr>
<td>176</td>
<td>STARTAGENT_FAILED</td>
<td>The request to start an agent failed.</td>
</tr>
<tr>
<td>177</td>
<td>STOPAGENT_FAILED</td>
<td>The request to stop an agent failed.</td>
</tr>
<tr>
<td>178</td>
<td>TASKSTOP_FAILED</td>
<td>The request to stop a task failed.</td>
</tr>
<tr>
<td>179</td>
<td>SEND_FAILED</td>
<td>The send request failed.</td>
</tr>
<tr>
<td>180</td>
<td>STARTPROCESS_FAILED</td>
<td>The request to start a process failed.</td>
</tr>
<tr>
<td>181</td>
<td>STOPPROCESS_FAILED</td>
<td>The request to stop a process failed.</td>
</tr>
<tr>
<td>182</td>
<td>DISPLAY_FAILED</td>
<td>The &lt;DISPLAY&gt; command for a product definition XML document failed.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>183</td>
<td>INITDIR_FAILED</td>
<td>The <code>&lt;INITPROD&gt;</code> command for a product failed.</td>
</tr>
<tr>
<td>184</td>
<td>INITPDM_FAILED</td>
<td>The <code>&lt;INITPRODBYPDM&gt;</code> command failed.</td>
</tr>
<tr>
<td>185</td>
<td>TRACE_FAILED</td>
<td>The request to control internal tracing failed.</td>
</tr>
<tr>
<td>186</td>
<td>OPEN_DREP_ERR</td>
<td>The DPR component encountered an error while opening the DPR repository.</td>
</tr>
<tr>
<td>187</td>
<td>CLOSE_DREP_ERR</td>
<td>The DPR component encountered an error while closing the DPR repository.</td>
</tr>
</tbody>
</table>
| 188  | INIT_DREP_ERR          | The DPR component encountered an error while initializing the DPR repository.
<p>| 189  | PUT_INITPROD_ERR       | The DPR component encountered an error while putting the INITPROD record in the DPR repository. |
| 190  | GET_INITPROD_ERR       | The DPR component encountered an error while getting an INITPROD record from the DPR repository. |
| 191  | DPRREPOS_CREATE_ERR    | A DPRREPOS object create error occurred.                                    |
| 192  | TERMPROD_FAILED        | The request to terminate a product failed.                                  |
| 193  | DISABLE_FAILED         | A request to <code>&lt;DISABLE&gt;</code> a DPR-initialized product object or a component of that product (that is, FUNCTION, AGENT, or PROCESS) failed. For more information, see accompanying message BMCDBC0099E. This message identifies the target component of the DISABLE request. |
| 194  | GETPROD_FAILED         | A request to locate an instance of an initialized PRODUCT failed. This reason code is issued within the context of error message BMCDBC0072E or BMCDBC0095E to indicate the specific parameter in error. |
| 195  | AUTOEXEC_FAILED        | An AUTOEXEC failure occurred.                                               |
| 196  | PRODUCT_NOT_FOUND      | The product object was not found.                                           |
| 197  | DPR_NOT_ACTIVE         | The DPR component is not active.                                            |
| 198  | ENCLAVE_FAILED         | The enclave request failed.                                                 |
| 199  | STARTSRB_FAILED        | The STARTSRB request failed.                                                |
| 204  | PUT_START_ERR          | The put START record operation failed.                                      |
| 205  | GET_START_ERR          | The get START record operation failed.                                      |
| 213  | TASKTERM_FAILED        | The internal TASKTERM messages failed.                                      |
| 214  | TERMPROD_IN_PROGRESS   | A TERMPROD request is already in progress.                                 |
| 215  | PRTOPEN_FAILED         | A print service PRTOPEN request failed.                                     |
| 216  | PRTSEND_FAILED         | A print service PRTSEND request failed.                                     |</p>
<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>217</td>
<td>PRTFLUSH_FAILED</td>
<td>A print service PRTFLUSH request failed.</td>
</tr>
<tr>
<td>218</td>
<td>PRTCLOSE_FAILED</td>
<td>A print service PRTCLOSE request failed.</td>
</tr>
<tr>
<td>219</td>
<td>SERVICE_FAILED</td>
<td>A SERVICE request failed.</td>
</tr>
<tr>
<td>220</td>
<td>SERVICE_IS_STARTED</td>
<td>The SERVICE is already started.</td>
</tr>
<tr>
<td>221</td>
<td>SERVICE_IS_STOPPED</td>
<td>The SERVICE is already stopped or stopping.</td>
</tr>
<tr>
<td>222</td>
<td>REGISTER_FAILED</td>
<td>The SERVICE object registration failed.</td>
</tr>
<tr>
<td>223</td>
<td>RIDMAN_NOT_FOUND</td>
<td>The RID manager object was not found in DPR component object.</td>
</tr>
<tr>
<td>224</td>
<td>RID_LOG_ERROR</td>
<td>An error occurred logging a response ID.</td>
</tr>
<tr>
<td>225</td>
<td>SENDRESP_FAILED</td>
<td>The send response request failed.</td>
</tr>
<tr>
<td>226</td>
<td>RID_NOT_FOUND</td>
<td>A requested response was not found in log.</td>
</tr>
<tr>
<td>227</td>
<td>RID_IN_ERROR</td>
<td>The response ID object was in error.</td>
</tr>
<tr>
<td>228</td>
<td>RID_LOCK HELD</td>
<td>The response ID log lock was held.</td>
</tr>
<tr>
<td>229</td>
<td>RID_NOT_EXPIRED</td>
<td>The response ID was not expired.</td>
</tr>
<tr>
<td>230</td>
<td>RID_EXPIRED</td>
<td>The response ID has expired.</td>
</tr>
<tr>
<td>231</td>
<td>INVALID_HANDLER_TYPE</td>
<td>The SERVICE handler type was invalid.</td>
</tr>
<tr>
<td>232</td>
<td>XMQCLEAN_FAILED</td>
<td>An internal request to clean the cross-memory queue failed.</td>
</tr>
<tr>
<td>233</td>
<td>BAD_SVCID_LEN</td>
<td>The length of the SERVICE ID is invalid.</td>
</tr>
<tr>
<td>234</td>
<td>BAD_NAMESPACE_LEN</td>
<td>The length of the SERVICE namespace is invalid.</td>
</tr>
<tr>
<td>235</td>
<td>GET_COMMAND_ERR</td>
<td>The get of a COMMAND record type failed.</td>
</tr>
<tr>
<td>236</td>
<td>RID_REMOVED</td>
<td>The response ID was removed from the log.</td>
</tr>
</tbody>
</table>

External DPR component API (DBCIAPI) reason codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>DBCIAPI_DBC_NOT_FOUND</td>
<td>DBC was not found.</td>
</tr>
<tr>
<td>201</td>
<td>DBCIAPI_BUF_TOO_SMALL</td>
<td>The READ buffer is too small. The buffer needs to be larger.</td>
</tr>
<tr>
<td>202</td>
<td>DBCIAPI_BAD_TIMEOUT</td>
<td>The time-out value is invalid.</td>
</tr>
<tr>
<td>203</td>
<td>DBCIAPI_TIMEOUT</td>
<td>The READ function timed out.</td>
</tr>
<tr>
<td>206</td>
<td>INITDB2CP_FAILED</td>
<td>The INITDB2CP command failed.</td>
</tr>
<tr>
<td>207</td>
<td>DELETE_FAILED</td>
<td>The DELETE request failed.</td>
</tr>
<tr>
<td>208</td>
<td>DBCCMD_FAILED</td>
<td>The DBCCMD request failed.</td>
</tr>
<tr>
<td>209</td>
<td>DB2INFO_FAILED</td>
<td>The DB2INFO request failed.</td>
</tr>
<tr>
<td>210</td>
<td>DB2CMD_FAILED</td>
<td>The DB2CMD request failed.</td>
</tr>
<tr>
<td>212</td>
<td>REFRESH_FAILED</td>
<td>The REFRESH request failed.</td>
</tr>
</tbody>
</table>

PRODUCT, AGENT, FUNCTION, and PROCESS reason codes
<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>BAD_SAFCLASS_LEN</td>
<td>The length of the SAF class valid is invalid.</td>
</tr>
<tr>
<td>251</td>
<td>BAD_VERSION_LEN</td>
<td>The length of the version value is invalid.</td>
</tr>
<tr>
<td>252</td>
<td>BAD_RELEASE_LEN</td>
<td>The length of the release value is invalid.</td>
</tr>
<tr>
<td>253</td>
<td>BAD_FUNCTION_LEN</td>
<td>The length of the function is invalid.</td>
</tr>
<tr>
<td>254</td>
<td>BAD_AGENT_LEN</td>
<td>The length of the agent value is invalid.</td>
</tr>
<tr>
<td>255</td>
<td>BAD_PROCESS_LEN</td>
<td>The length of the process value is invalid.</td>
</tr>
<tr>
<td>256</td>
<td>ENABLE_FAILED</td>
<td>The product enable operation failed.</td>
</tr>
<tr>
<td>257</td>
<td>INVALID_DSN</td>
<td>The data set name is invalid.</td>
</tr>
<tr>
<td>258</td>
<td>IS_ENABLED</td>
<td>The object is enabled.</td>
</tr>
<tr>
<td>259</td>
<td>IS_DISABLED</td>
<td>The object is disabled.</td>
</tr>
<tr>
<td>260</td>
<td>SVC_ERR</td>
<td>An SVC screening error occurred.</td>
</tr>
<tr>
<td>261</td>
<td>BAD_PDXD_LEN</td>
<td>The length of the product definition XML document is null.</td>
</tr>
<tr>
<td>262</td>
<td>PDXD_ALREADY_SAVED</td>
<td>The product definition XML file was already saved. The request to save the file is a duplicate.</td>
</tr>
<tr>
<td>263</td>
<td>AGENT_NOT_FOUND</td>
<td>The agent object was not found.</td>
</tr>
<tr>
<td>264</td>
<td>AGENT_NOT_ACTIVE</td>
<td>The agent task is not active.</td>
</tr>
<tr>
<td>265</td>
<td>AGENT_IS_ACTIVE</td>
<td>The agent task is already active.</td>
</tr>
<tr>
<td>266</td>
<td>PROCESS_NOT_FOUND</td>
<td>The process object was not found.</td>
</tr>
<tr>
<td>267</td>
<td>PROCESS_NOT_ACTIVE</td>
<td>The process is not active.</td>
</tr>
<tr>
<td>268</td>
<td>PROCESS_IS_ACTIVE</td>
<td>The process is already active.</td>
</tr>
<tr>
<td>269</td>
<td>PROCESS_TERMINATED</td>
<td>The process has terminated.</td>
</tr>
<tr>
<td>270</td>
<td>PROCESS_STATE_UNKNOWN</td>
<td>The process state is unknown.</td>
</tr>
<tr>
<td>271</td>
<td>FUNCTION_NOT_FOUND</td>
<td>The function object was not found.</td>
</tr>
<tr>
<td>275</td>
<td>BAD_SRB_LEN</td>
<td>The length of the SRB is invalid.</td>
</tr>
<tr>
<td>276</td>
<td>DUPLICATE_SRB</td>
<td>The SRB is a duplicate.</td>
</tr>
<tr>
<td>277</td>
<td>SRB_NOT_FOUND</td>
<td>The SRB object was not found.</td>
</tr>
<tr>
<td>278</td>
<td>ENCLAVE_NOT_FOUND</td>
<td>The ENCLAVE object was not found.</td>
</tr>
<tr>
<td>279</td>
<td>SRB_IS_ACTIVE</td>
<td>The SRB is already active.</td>
</tr>
<tr>
<td>280</td>
<td>SRB_NOT_ACTIVE</td>
<td>The SRB is not active.</td>
</tr>
<tr>
<td>281</td>
<td>INVALID_AGENT_TYPE</td>
<td>An unsupported or invalid agent type was detected.</td>
</tr>
<tr>
<td>282</td>
<td>INVALID_AGENT_AMODE</td>
<td>An unsupported or invalid agent AMODE was detected.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>283</td>
<td>BAD_USER_KEY</td>
<td>An unsupported or invalid PRODUCT key was specified.</td>
</tr>
</tbody>
</table>

**Repository reason codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>BAD_VSAM_RC_ADDR</td>
<td>The address of the VSAM return code is invalid.</td>
</tr>
<tr>
<td>301</td>
<td>BAD_VSAM_RSN_ADDR</td>
<td>The address of the VSAM reason code is invalid.</td>
</tr>
<tr>
<td>302</td>
<td>BAD_DBCV_ADDR</td>
<td>The address of the DBC VSAM block is invalid.</td>
</tr>
<tr>
<td>303</td>
<td>BAD_REC_ADDR</td>
<td>The address of the record is invalid.</td>
</tr>
<tr>
<td>304</td>
<td>BAD_RECLEN_ADDR</td>
<td>The address of the record length is invalid.</td>
</tr>
<tr>
<td>305</td>
<td>BAD_KEY_ADDR</td>
<td>The address of the record key is invalid.</td>
</tr>
<tr>
<td>306</td>
<td>GENCB_ACB_ERR</td>
<td>The generate ACB operation failed.</td>
</tr>
<tr>
<td>307</td>
<td>GENCB_RPL_ERR</td>
<td>The generate RPL operation failed.</td>
</tr>
<tr>
<td>308</td>
<td>MODCB_ACB_ERR</td>
<td>The modify ACB operation failed.</td>
</tr>
<tr>
<td>309</td>
<td>MODCB_RPL_ERR</td>
<td>The modify RPL operation failed.</td>
</tr>
<tr>
<td>310</td>
<td>SHOWCB_ACB_ERR</td>
<td>The extract ACB field operation failed.</td>
</tr>
<tr>
<td>311</td>
<td>SHOWCB_RPL_ERR</td>
<td>The extract RPL field operation failed.</td>
</tr>
<tr>
<td>312</td>
<td>VSAM_OPEN_ERR</td>
<td>The OPEN VSAM data set operation failed.</td>
</tr>
<tr>
<td>313</td>
<td>VSAM_CLOSE_ERR</td>
<td>The CLOSE VSAM data set operation failed.</td>
</tr>
<tr>
<td>314</td>
<td>VSAM_GET_ERR</td>
<td>The GET record operation failed.</td>
</tr>
<tr>
<td>315</td>
<td>VSAM_PUT_ERR</td>
<td>The PUT record operation failed.</td>
</tr>
<tr>
<td>316</td>
<td>VSAM_POINT_ERR</td>
<td>The POINT record operation failed.</td>
</tr>
<tr>
<td>317</td>
<td>VSAM_ERASE_ERR</td>
<td>The ERASE record operation failed.</td>
</tr>
<tr>
<td>318</td>
<td>ALLOC_DBCV_ERR</td>
<td>The allocate DBCV block operation failed.</td>
</tr>
<tr>
<td>319</td>
<td>ALLOC_RECBUF_ERR</td>
<td>The allocate record buffers operation failed.</td>
</tr>
<tr>
<td>320</td>
<td>BAD_REC_TYPE</td>
<td>An unsupported or invalid record type was detected.</td>
</tr>
</tbody>
</table>

**XCFCOMP component reason codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>XCFCOMP_NOT_FOUND</td>
<td>XCFCOMP was not found in the DBCT.</td>
</tr>
<tr>
<td>501</td>
<td>XCF_NOT_ACTIVE</td>
<td>XCFCOMP is not active.</td>
</tr>
<tr>
<td>502</td>
<td>XCF_SERVICE_CODE</td>
<td>The XCF service returned a warning or error.</td>
</tr>
<tr>
<td>503</td>
<td>XCF_ACTIVATION_FAILED</td>
<td>An activation failure error occurred.</td>
</tr>
<tr>
<td>504</td>
<td>XCF_NO_MEMBER_LIST</td>
<td>No member list is available.</td>
</tr>
<tr>
<td>505</td>
<td>XCF_MEMBER_NOT_FOUND</td>
<td>The member is not in the member list.</td>
</tr>
<tr>
<td>506</td>
<td>XCF_JOIN_FAILED</td>
<td>The IXCJOIN operation failed.</td>
</tr>
<tr>
<td>507</td>
<td>XCF_LEAVE_FAILED</td>
<td>The IXCDELETE operation failed.</td>
</tr>
<tr>
<td>Code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>508</td>
<td>BAD_XCF_GROUP_NAME</td>
<td>The XCF group name is invalid.</td>
</tr>
<tr>
<td>509</td>
<td>BAD_XCF_MEMBER_NAME</td>
<td>The XCF member name is invalid.</td>
</tr>
<tr>
<td>510</td>
<td>XCF_QUERY_GROUP_FAILED</td>
<td>The IXCQUERY operation for the group failed.</td>
</tr>
<tr>
<td>511</td>
<td>XCFGROUP_REFRESH_FAILED</td>
<td>The XCFGROUP refresh failed.</td>
</tr>
<tr>
<td>512</td>
<td>XCF_MULT_MEMBERS_FOUND</td>
<td>Multiple members were found.</td>
</tr>
<tr>
<td>513</td>
<td>XCF_SEND_FAILED</td>
<td>The IXCMSGO operation failed.</td>
</tr>
<tr>
<td>514</td>
<td>XCF_COMPID_ERROR</td>
<td>The XCF component ID is invalid.</td>
</tr>
</tbody>
</table>

**EMSCOMP component reason codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>EMSCOMP_NOT_FOUND</td>
<td>The EMSCOMP component anchor was not found in the DBCT.</td>
</tr>
<tr>
<td>601</td>
<td>EVENTDEF_FAILED</td>
<td>An EVENTDEF request failed.</td>
</tr>
<tr>
<td>602</td>
<td>EVENTDEL_FAILED</td>
<td>An EVENTDEL request failed.</td>
</tr>
<tr>
<td>603</td>
<td>EVENTPUB_FAILED</td>
<td>An EVENTPUB request failed.</td>
</tr>
<tr>
<td>604</td>
<td>EVENTSUB_FAILED</td>
<td>An EVENTSUB request failed.</td>
</tr>
<tr>
<td>605</td>
<td>EVENTUNSUB_FAILED</td>
<td>An EVENTUNSUB request failed.</td>
</tr>
<tr>
<td>606</td>
<td>EVENT_NOT_FOUND</td>
<td>The named event was not found.</td>
</tr>
<tr>
<td>607</td>
<td>EVENT_NO_SUBSCRIBERS</td>
<td>A publish event was discarded because no subscribers to the event were found.</td>
</tr>
<tr>
<td>608</td>
<td>SUBSCRIB_NOT_FOUND</td>
<td>The specific subscriber was not found.</td>
</tr>
<tr>
<td>609</td>
<td>SUBSCRIB_DELAYED</td>
<td>A subscription event was delayed as the event has not yet been defined.</td>
</tr>
</tbody>
</table>

**CMDCOMP component reason codes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>700</td>
<td>CMDCOMP_NOT_FOUND</td>
<td>The CMDCOMP component was not found in the DBCT.</td>
</tr>
<tr>
<td>701</td>
<td>CMD_ACTIVATION_FAILED</td>
<td>An activation failure occurred.</td>
</tr>
<tr>
<td>702</td>
<td>CMDDEF_FAILED</td>
<td>A CMDDEF request failed.</td>
</tr>
<tr>
<td>703</td>
<td>CMDDEL_FAILED</td>
<td>A CMDDEL request failed.</td>
</tr>
<tr>
<td>704</td>
<td>CMD_NOT_FOUND</td>
<td>The command was not found.</td>
</tr>
<tr>
<td>705</td>
<td>DPR_API_NOT_FOUND</td>
<td>The DPR API address is invalid.</td>
</tr>
<tr>
<td>706</td>
<td>DPR_API_FAILED</td>
<td>A DPR API error occurred.</td>
</tr>
<tr>
<td>707</td>
<td>CMDSRCLIST_NOT_FOUND</td>
<td>The command SRCLIST was not found.</td>
</tr>
</tbody>
</table>
**DBC abend codes**

The DBC subsystem issues a user ABEND only if recovery is not possible.

Table 5 on page 141 lists the complete set of DBC user abend codes.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>U1000</td>
<td>The task object was not found.</td>
</tr>
<tr>
<td>U1001</td>
<td>The DBCT object was not found.</td>
</tr>
<tr>
<td>U1002</td>
<td>A global print DD list error occurred.</td>
</tr>
<tr>
<td>U1003</td>
<td>The agent object was not found.</td>
</tr>
<tr>
<td>U1004</td>
<td>The agent ID length is invalid.</td>
</tr>
<tr>
<td>U1005</td>
<td>The DBCSTATS object was not found.</td>
</tr>
<tr>
<td>U1006</td>
<td>The global PRV set failed.</td>
</tr>
<tr>
<td>U1007</td>
<td>The global PRINT service was not found.</td>
</tr>
<tr>
<td>U1008</td>
<td>The ASID Include Filter Array (AIFA) hash table was not found.</td>
</tr>
<tr>
<td>U1009</td>
<td>The ASID Include Filter Array (AIFA) object was not found.</td>
</tr>
<tr>
<td>U1010</td>
<td>ASID Include Filter Entry (AIFE) was not found.</td>
</tr>
<tr>
<td>U1011</td>
<td>TCB Include Filter Array (TIFA) was not found.</td>
</tr>
<tr>
<td>U1012</td>
<td>Out of storage condition occurred.</td>
</tr>
<tr>
<td>U1013</td>
<td>DBCIAPI was not found.</td>
</tr>
<tr>
<td>U1014</td>
<td>The DPR component object was not found.</td>
</tr>
<tr>
<td>U1015</td>
<td>The DBC connect to self failed.</td>
</tr>
<tr>
<td>U1016</td>
<td>A severe internal error was detected.</td>
</tr>
</tbody>
</table>

**DBC command return and reason codes**

Return and reason codes from specific XML command streams are sent to the DBC either by the DBC API or through the DBC batch utility.

DBC reason codes are composed of two 2-byte components, where the high order 2-bytes (bits 0-15) indicate the internal DBC component that detected the error and the low order 2-bytes (bits 16-31) contain the error code.

Table 6 on page 142 describes the return codes.
Table 6: Return codes

<table>
<thead>
<tr>
<th>Return code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The reason code is not applicable and is therefore not returned to the caller.</td>
</tr>
<tr>
<td>4</td>
<td>The high-order 2-bytes (that is, the component code) of the reason code will always be zero.</td>
</tr>
<tr>
<td>8</td>
<td>The high-order 2-bytes (that is, the component code) of the reason code will always be set to indicate which routine detected the error.</td>
</tr>
</tbody>
</table>

Table 7 on page 142 describes the expected return and reason codes.

Table 7: DPR command return and reason codes

<table>
<thead>
<tr>
<th>Command</th>
<th>Return code</th>
<th>Reason code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMDDEF</td>
<td>0</td>
<td>n/a</td>
<td>The command was defined successfully.</td>
</tr>
<tr>
<td>CMDDEF</td>
<td>4</td>
<td>52(34)</td>
<td>This command is already defined to this DBC subsystem.</td>
</tr>
<tr>
<td>CMDDEF</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>CMDDEL</td>
<td>0</td>
<td>n/a</td>
<td>The command definition was deleted successfully.</td>
</tr>
<tr>
<td>CMDDEL</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>CMDDEL</td>
<td>8</td>
<td>704(2C0)</td>
<td>The command definition could not be deleted because the command is not defined.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>0</td>
<td>n/a</td>
<td>The product object was disabled successfully.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance was not found. The product has not been initialized through an INITPROD command.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>4</td>
<td>407(197)</td>
<td>An error occurred during the deconcatenation of the logical STEPLIB. The object was disabled.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>4</td>
<td>415(19F)</td>
<td>An error occurred while deallocating one or more logical STEPLIB data sets. The object was disabled.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class not found.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>8</td>
<td>193(C1)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>8</td>
<td>263(107)</td>
<td>An agent object was not found. The specified agent is not a component of this product instance.</td>
</tr>
<tr>
<td>DISABLE</td>
<td>8</td>
<td>266(10A)</td>
<td>The process object was not found. The specified process is not a component of this product instance.</td>
</tr>
<tr>
<td>Command</td>
<td>Return code</td>
<td>Reason code</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>DISABLE</td>
<td>8</td>
<td>271(10F)</td>
<td>The function object was not found. The specified function is not a component of this product instance.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>0</td>
<td>n/a</td>
<td>The product object was successfully enabled.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance not found. The product has not been initialized through an INITPROD command.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>4</td>
<td>258(102)</td>
<td>The object is already enabled.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>55(37)</td>
<td>The open of the pseudo STEPLIB concatenation DD failed.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>56(38)</td>
<td>The dynamic allocation of the pseudo STEPLIB failed.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>67(43)</td>
<td>The directed load of a consumer program associated with object definition failed.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>70(46)</td>
<td>The dynamic concatenation of the pseudo STEPLIB failed.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class was not found.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>256(100)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>263(107)</td>
<td>The agent object was not found. The specified agent is not a component of this product instance.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>266(10A)</td>
<td>The process object was not found. The specified process is not a component of this product instance.</td>
</tr>
<tr>
<td>ENABLE</td>
<td>8</td>
<td>271(10F)</td>
<td>The function object was not found. The specified function is not a component of this product instance.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>0</td>
<td>n/a</td>
<td>The function was executed successfully.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance not found. The product has not been initialized through an INITPROD command.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>3(3)</td>
<td>The storage allocation failed. The address space is short on storage.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>55(37)</td>
<td>The DPR component could not open a pseudo STEPLIB concatenation DD.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>69(45)</td>
<td>A SAS/C environment error occurred. The buildm failed.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>Command</td>
<td>Return code</td>
<td>Reason code</td>
<td>Description</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
<td>-------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class was not found.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>175(AF)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>260(104)</td>
<td>The SVC screening service failed to enable for this task.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>8</td>
<td>271(10F)</td>
<td>The function object not found. The specified function is not a component of this product instance.</td>
</tr>
<tr>
<td>EXECUTE</td>
<td>12</td>
<td>34(22)</td>
<td>A severe internal failure occurred because of an invalid or missing parameter on internal function call.</td>
</tr>
<tr>
<td>FINDDB2</td>
<td>4</td>
<td>42(2A)</td>
<td>An optional XML element was specified but a value was not supplied.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>0</td>
<td>not applicable</td>
<td>The product registration with the DPR component of the DBC was successful.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>4</td>
<td>52(34)</td>
<td>An instance of this product is already registered with this specific DBC subsystem.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>4</td>
<td>42(2A)</td>
<td>An optional XML element was specified but a value was not supplied.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>4</td>
<td>93(5D)</td>
<td>The persist option was requested; however, this INITPROD command is already stored in the DPR repository data set.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>4</td>
<td>195(C3)</td>
<td>The product was successfully registered; however, an &lt;AUTOEXEC&gt; request for an individual product component failed to execute.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>4</td>
<td>401(191)</td>
<td>The persist was requested but no repository data set was defined for this DBC subsystem.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>3(3)</td>
<td>The storage allocation failed. The address space is short on storage.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>60(3C)</td>
<td>An XML element value was supplied but is an invalid data type (for example, an invalid number or a value out of range).</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class was not found.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>183(B7)</td>
<td>An internal error occurred during INITPROD command parsing. This error is accompanied by diagnostic messages issued to the DBCPRINT DD of the DBC subsystem startup JCL.</td>
</tr>
<tr>
<td>Command</td>
<td>Return code</td>
<td>Reason code</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>-------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>186(BA)</td>
<td>The persist option was requested; however, the open operation for the repository data set failed.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>187(BB)</td>
<td>The persist option was requested; however, the close operation for the repository data set failed.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>272(110)</td>
<td>A duplicate &lt;FUNCTION&gt; was found within the product definition XML document.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>273(111)</td>
<td>A duplicate &lt;AGENT&gt; was found within the product definition XML document.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>8</td>
<td>274(112)</td>
<td>A duplicate &lt;ENCLAVE&gt; was found within the product definition XML document.</td>
</tr>
<tr>
<td>INITPROD</td>
<td>12</td>
<td>117(75)</td>
<td>A severe internal failure occurred during command authorization checking. Internal storage corruption occurred.</td>
</tr>
<tr>
<td>SEND</td>
<td>0</td>
<td>n/a</td>
<td>The message was sent successfully.</td>
</tr>
<tr>
<td>SEND</td>
<td>4</td>
<td>141(8D)</td>
<td>An agent task has terminated.</td>
</tr>
<tr>
<td>SEND</td>
<td>4</td>
<td>142(8E)</td>
<td>An agent task is stopping and unable to receive messages.</td>
</tr>
<tr>
<td>SEND</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance was not found. The product has not been initialized through an INITPROD command.</td>
</tr>
<tr>
<td>SEND</td>
<td>4</td>
<td>264(108)</td>
<td>The instance of the agent object (that is, the target of the SEND message) is not active.</td>
</tr>
<tr>
<td>SEND</td>
<td>8</td>
<td>94(5E)</td>
<td>The send message to a specific task queue failed. Note: This reason code is accompanied by message BMCDBC046E to indicate the specific cause of the error.</td>
</tr>
<tr>
<td>SEND</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>SEND</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class was not found.</td>
</tr>
<tr>
<td>SEND</td>
<td>8</td>
<td>179(B3)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
<tr>
<td>SEND</td>
<td>8</td>
<td>263(107)</td>
<td>An agent object was not found. The specified agent is not a component of the identified product instance.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>0</td>
<td>not applicable</td>
<td>The agent task was started successfully.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>4</td>
<td>38(26)</td>
<td>The service is stopping. The DPR main service is in the process of stopping; therefore, the start agent request cannot be processed.</td>
</tr>
<tr>
<td>Command</td>
<td>Return code</td>
<td>Reason code</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>-------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance was not found (that is, the product has not been initialized through an INITPROD command).</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>4</td>
<td>265(109)</td>
<td>The instance of this agent object is already active.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>3(3)</td>
<td>The storage allocation failed. The address space is short on storage.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>10(A)</td>
<td>The address of the message is zero.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>11(B)</td>
<td>The length of the message pointer is zero.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>20(14)</td>
<td>The address of the message type is zero.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>73(49)</td>
<td>The DPR component was unable to identify the entry point of the agent task.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure during command authorization checking. The SAF resource class was not found.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>176(B0)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>8</td>
<td>263(107)</td>
<td>The agent object was not found. The specified agent is not a component of this product instance.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>12</td>
<td>1(1)</td>
<td>A severe internal failure occurred. The DBCT anchor was not found.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>12</td>
<td>34(22)</td>
<td>A severe internal failure occurred. A parameter for an internal function call was invalid or missing.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>12</td>
<td>117(75)</td>
<td>A severe internal failure occurred during command authorization checking. Internal storage was corrupted.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>111</td>
<td>156(9C)</td>
<td>See EACCESS6.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>112</td>
<td>156(9C)</td>
<td>See EAGAIN6.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>118</td>
<td>156(9C)</td>
<td>See EFAULT6.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>120</td>
<td>156(9C)</td>
<td>See EINVAL6.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>121</td>
<td>156(9C)</td>
<td>See EINVAL6.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>132</td>
<td>156(9C)</td>
<td>See ENOMEM6.</td>
</tr>
<tr>
<td>STARTAGENT</td>
<td>1141</td>
<td>156(9C)</td>
<td>See EIDRM6.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>0</td>
<td>n/a</td>
<td>The process (address space) instance was started successfully</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance not found. The product has not been initialized through an INITPROD command.</td>
</tr>
<tr>
<td>Command</td>
<td>Return code</td>
<td>Reason code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>-------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>4</td>
<td>268(10C)</td>
<td>The instance of this process object is already active.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>4</td>
<td>269(10D)</td>
<td>The process has terminated.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>8</td>
<td>3(3)</td>
<td>The storage allocation failed. The address space is short on storage.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class was not found.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>8</td>
<td>180(B4)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>8</td>
<td>266(10A)</td>
<td>The process object was not found. The specified process is not a component of this product instance.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>8</td>
<td>270(10E)</td>
<td>The process state is unknown because an internal error occurred when locating available address space.</td>
</tr>
<tr>
<td>STARTPROCESS</td>
<td>12</td>
<td>34(22)</td>
<td>A severe internal failure occurred because of invalid or missing parameter on an internal function call.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>0</td>
<td>not applicable</td>
<td>The agent task was stopped successfully.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>4</td>
<td>38(26)</td>
<td>The service is stopping. The DPR main service is in the process of stopping, so the agent start request cannot be processed.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance was not found. The product has not been initialized through an INITPROD command.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>4</td>
<td>264(108)</td>
<td>This instance of agent object is not active.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>8</td>
<td>3(3)</td>
<td>The storage allocation failed. The address space is short on storage.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class was not found.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>8</td>
<td>177(B1)</td>
<td>A command parsing error occurred because either the XML is badly formed or a parameter is invalid or missing.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>8</td>
<td>263(107)</td>
<td>The agent object was not found. The specified agent is not a component of the identified product instance.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>12</td>
<td>1(1)</td>
<td>A severe internal failure occurred. The DBCT anchor was not found.</td>
</tr>
<tr>
<td>Command</td>
<td>Return code</td>
<td>Reason code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>-------------</td>
<td>----------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>12</td>
<td>34(22)</td>
<td>A severe internal failure occurred. A parameter for an internal function call was invalid or missing.</td>
</tr>
<tr>
<td>STOPAGENT</td>
<td>12</td>
<td>117(75)</td>
<td>A severe internal failure occurred during command authorization checking. Internal storage was corrupted.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>0</td>
<td>n/a</td>
<td>The process (address space) instance was stopped successfully.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance not found. The product was not initialized through an INITPROD command.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>4</td>
<td>267(10B)</td>
<td>This instance of process object is not active.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>8</td>
<td>181(B5)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>8</td>
<td>266(10A)</td>
<td>The process object was not found. The specified process is not a component of this product instance.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>111</td>
<td>156(9C)</td>
<td>See EACCES.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>112</td>
<td>156(9C)</td>
<td>See EAGAIN6.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>118</td>
<td>156(9C)</td>
<td>See EFAULT6.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>120</td>
<td>156(9C)</td>
<td>See EINTR6.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>121</td>
<td>156(9C)</td>
<td>See EINVAL6.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>132</td>
<td>156(9C)</td>
<td>See ENOMEM6.</td>
</tr>
<tr>
<td>STOPPROCESS</td>
<td>1141</td>
<td>156(9C)</td>
<td>See EIDRM6.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>0</td>
<td>n/a</td>
<td>The product deregistration with the DPR component of the DBC was successful.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>4</td>
<td>195(C3)</td>
<td>The AUTOEXEC at termination returned an error; however, the product was disabled.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>4</td>
<td>196(C4)</td>
<td>The product instance not found. The product has not been initialized through an INITPROD command.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>8</td>
<td>116(74)</td>
<td>The user is not authorized for this command.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>8</td>
<td>117(75)</td>
<td>An internal failure occurred during command authorization checking. The SAF resource class not found.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>8</td>
<td>187(BB)</td>
<td>The repository failed to close upon completion of persist request.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>8</td>
<td>186(BA)</td>
<td>The repository could not be opened. The request could not be persisted.</td>
</tr>
<tr>
<td>TERMPROD</td>
<td>8</td>
<td>192(C0)</td>
<td>A command parsing error occurred due to badly formed XML or an invalid or missing parameter.</td>
</tr>
</tbody>
</table>
**USS message queue 'SEND' return codes**

DBC issues return code values associated with the USS message queue SEND request.

For more information, see the BPX1QSN routine in the *USS Programming: Assembler Callable Services Reference*.

Table 8 on page 149 lists the possible reason codes.

### Table 8: USS message queue SEND return codes

<table>
<thead>
<tr>
<th>Return code</th>
<th>Explanation</th>
<th>Associated reason code</th>
</tr>
</thead>
<tbody>
<tr>
<td>EACCES</td>
<td>Permission to operate was denied to the calling task: JRIpcDenied.</td>
<td>If the message queue was built with Ipc_SndTypePID, and the MSG_TYPE was other than the invoker's process ID, the following reason code accompanies the return code: JRTyTypeNotPID</td>
</tr>
<tr>
<td>EAGAIN</td>
<td>The message cannot be sent, and Message_Flag is set to Ipc_NOWAIT.</td>
<td>JRMsqQueueFullMessages, JRMsqQueueFullByte</td>
</tr>
<tr>
<td>EIDRM</td>
<td>The Message_Queue_ID was removed from the system while the caller was waiting.</td>
<td>JRIpcRemoved</td>
</tr>
<tr>
<td>EINTR</td>
<td>The function was interrupted by a signal, and the message was not sent.</td>
<td>JRIpcSignaled</td>
</tr>
<tr>
<td>EINVAL</td>
<td>One of the following conditions occurred:</td>
<td>JRIpcBadID, JRMsqBadSize, JRMsqBadType.</td>
</tr>
<tr>
<td></td>
<td>■ The value of Message_Queue_ID is not a valid message queue identifier.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>■ The value of MSG_TYPE is less than 1.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>■ The value of Message_Size is less than zero or greater than the system-imposed limit.</td>
<td></td>
</tr>
<tr>
<td>EFAULT</td>
<td>The Message_address parameter specified an address that caused the service to program check.</td>
<td>JRBadAddress</td>
</tr>
<tr>
<td>Return code</td>
<td>Explanation</td>
<td>Associated reason code</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>ENOMEM</td>
<td>Not enough system storage exits were available to send the message. The message was not sent.</td>
<td>JrSmNoStorage</td>
</tr>
</tbody>
</table>
Messages BMCNGL59000 through BMCNGL59999

This chapter contains messages for the Next Generation Logger component.

Messages BMCNGL59000 through BMCNGL59099

This group includes messages for the Next Generation Logger product.

BMCNGL59001I  CONNECTION MADE TO DBC SSID(dbcSsid) GROUP(dbcGroup) versionRelease

Explanation: This informational message indicates a successful connection to DBC and shows the DBC SSID, GROUP name, and version and release of the DBC.

User response: No action is required.

BMCNGL59002I  agentId (ngllId): TERMINATED CONNECTION TO DBC

Explanation: This informational message indicates that agent agentId terminated due to a termination request. The NGL product instance identification (PIID), ngllId, is displayed.

User response: No action is required.

BMCNGL59003W  module: REQUEST serviceRequest FAILED WITH RC(returnCode) RSN(reasonCode)

Explanation: A service request failed. The module issuing the service request has failed with returnCode and reasonCode. The codes are described in “NGL reason codes and return codes” on page 197.

User response: If the problem persists, gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59005E**  
*module*: TERMINATING DUE TO ERRORS  
*Explanation*: An NGL service *module* is terminating due to errors.  
*User response*: Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59006E**  
*DBC API MODULE FAILED TO LOAD RC*(returnCode)*  
*Explanation*: Load of the DBC API module DBCIAPI failed with *returnCode*. The codes are described in “NGL reason codes and return codes” on page 197.  
*User response*: Verify that the INITPROD XML for the NGL product specifies the DBC distribution load library in the <LOADLIB> element. If the DBC library is missing, add the library to the <LOADLIB> element and reload the INITPROD for NGL. If the problem persist, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59009I**  
*agentName*: MESSAGE RECEIVED - *startParameters*  
*Explanation*: This informational message displays the agent name and start parameters that are passed to the agent.  
*User response*: No action is required.

**BMCNGL59010E**  
*agentName*: INVALID PARAMETER COUNT RECEIVED (*receivedCount*), EXPECTING (*expectedCount*)  
*Explanation*: An agent, *agentName*, attempted to start, but received an invalid number of parameters from DBC. The number of parameters that were received and the expected number of parameters are displayed. The agent is terminated.  
*User response*: Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59011E**  
*agentName*: ARGUMENT ARRAY PARAMETER MISSING OR INVALID  
*Explanation*: The agent, *agentName*, is starting, but a required parameter array was not passed by DBC to the agent. The agent is terminated.  
*User response*: Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59012E**  
*agentName*: QUEUE INTERFACE ARGUMENT MISSING OR INVALID  
*Explanation*: An agent, *agentName*, is starting, but a required parameter array was not passed by DBC to the agent. The agent is terminated.  
*User response*: Gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59013E**  
*agentName*: QUEUE SERVICE ADDR ARGUMENT MISSING OR INVALID  

*Explanation*: An agent, *agentName*, is starting, but a required parameter array was not passed by DBC to the agent. The agent is terminated.  

*User response*: Gather all NGL output and contact BMC Software Customer Support.  

**BMCNGL59014E**  
*agentName*: NGLID NOT PASSED ON CLIENT AGENT START COMMAND  

*Explanation*: An agent, *agentName*, is starting, but the required parameter NGLID was not passed by DBC to the agent. The agent is terminated.  

*User response*: Verify that the STARTAGENT XML document that was sent to DBC to start the agent specified the NGLID keyword parameter. If the parameter is missing or invalid, update the STARTAGENT document and resubmit the STARTAGENT document. If the problem persists, gather all NGL output and contact BMC Software Customer Support.  

**BMCNGL59015E**  
*agentName*: NGL ANCHOR BLOCK NOT FOUND FOR NGLID nglid  

*Explanation*: An NGL agent is starting, but a required NGL control cannot be located. The agent, *agentName*, and the NGL product instance identification (PIID), *nglid*, are displayed in the message.  

*User response*: Gather all NGL output and contact BMC Software Customer Support.  

**BMCNGL59016E**  
*agentName*: NGL ANCHOR BLOCK ADDRESS INVALID FOR NGLID nglid  

*Explanation*: An NGL agent is being started, but an NGL control block is invalid and the agent cannot start. The agent, *agentName*, is terminated. The NGL product instance identification (PIID) is displayed in *nglid*.  

*User response*: Gather all NGL output and contact BMC Software Customer Support.  

**BMCNGL59018W**  
*msgSource*: errorMessage  

*Explanation*: An error message from the NGL server was received by the NGL client and is being echoed to the client job log. The TCB address or module name issuing the message is displayed in *msgSource*. *errorMessage* should display an NGL message.  

*User response*: Review the message displayed and take the appropriate action. If the cause of the error cannot be determined, gather all NGL output and contact BMC Software Customer Support.
BMCNGL59019E  NGLID VALUE  nglPiid  IS INVALID, MUST BE FOUR CHARACTERS OR FEWER

Explanation: The NGL product instance identification (PIID) value specified in the STARTAGENT <PARMS> NGLID exceeds the four character maximum. The NGL agent is terminated.

User response: Correct the NGLID value in the <PARMS> element and resubmit the STARTAGENT command to restart the NGL agent. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59020I  nglProduct nglId BEING STARTED AT VERSION - versionRelease

Explanation: This informational message displays the NGL product, NGL product instance identification (PIID), and the NGL version and release that is being started.

User response: No action is required.

BMCNGL59021W  ADD NAME TOKEN FOR NGLB FAILED RC(returnCode)

Explanation: A name token was being added for an NGL control block, but the addition failed with the return code returnCode. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59022W  ADD NAME TOKEN FOR nameTokenName FAILED RC(returnCode)

Explanation: An addition for name token nameTokenName failed with the return code returnCode. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59030S  MODULE moduleName WAS NOT LOCATED IN ANY LINKLIST DATA SET

Explanation: NGL attempted to load a required module into the CSA, but the module, moduleName, was not found.

User response: Verify that the NGL distribution library is included in the <LOADLID> element for the NGL INITPROD XML. If the library is not included, add the library to the <LOADLIB> element and reload the INITPROD XML document. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59032S  LOAD OF moduleName INTO THE PRIVATE AREA FAILED, R15(returnCode)

Explanation: An NGL module was being loaded, but the module, moduleName, is not marked reentrant.

User response: Gather all NGL output and contact BMC Software Customer Support.
### BMCNGL59034S  
**INSUFFICIENT COMMON STORAGE WAS AVAILABLE TO LOAD**  
*moduleName*

**Explanation:**  An attempt to load an NGL module, *moduleName*, into the IBM z/OS common area failed because NGL was unable to acquire enough virtual storage for the module.

**User response:** Gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59038S  
**MODULE *moduleName* IS NOT *attr*.

**Explanation:** An attempt to load a module, *moduleName*, failed because one of the load module attributes, *attr*, is not valid for an NGL module.

**User response:** Gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59040E  
**LOAD OF *moduleName* INTO THE PRIVATE AREA FAILED, R15(returnCode)**

**Explanation:** An attempt to load an NGL module, *moduleName*, failed with return code *returnCode*. The codes are described in “NGL reason codes and return codes” on page 197.

**User response:** Verify that the NGL distribution library is specified in the `<LOADLIB>` element for the NGL INITPROD XML. If the library is not specified, add the library to the `<LOADLIB>` element and reload the INITPROD XML document. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59041W  
**RTCS SUBSYSTEM IS NOT ACTIVE. REGISTRY NOT AVAILABLE**

**Explanation:** NGL requires the RTCS registry to start an NGL LOGSET and to maintain log file information, but the RTCS subsystem is not available.

**User response:** Verify the RTCS subsystem is active. If not, start the RTCS subsystem and then restart NGL. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59042E  
**RTCS REGISTRY OPEN FAILED. REGISTRY NOT AVAILABLE**

**Explanation:** NGL attempted to connect to the RTCS registry, but the connection failed.

**User response:** Gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59044W  
**ADD TERMINATION ECB FAILED RC(*returnCode*) RSN(*reasonCode*)**

**Explanation:** NGL attempted to add an ECB that controls NGL termination to an internal table, but the addition failed with *returnCode* and *reasonCode*. NGL continues with execution. The codes are described in “NGL reason codes and return codes” on page 197.
If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59045S**  serviceName SERVICE REQUEST FAILED RC(returnCode) RSN(reasonCode)

*Explanation:* An NGL internal service request for serviceName failed with returnCode and reasonCode. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59046S**  ABEND abendCode OCCURRED DURING CROSS-MEMORY ENVIRONMENT INITIALIZATION

*Explanation:* An abend, abendCode, occurred during NGL program call initialization. Program call initialization stops.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59047I**  PC ROUTINES INSTALLED SUCCESSFULLY

*Explanation:* This informational message indicates that NGL program call (PC) routines have been installed successfully.

*User response:* No action is required.

**BMCNGL59048I**  NO PC ROUTINES TO INSTALL

*Explanation:* This informational message indicates that NGL did not install any program call (PC) routines.

*User response:* No action is required.

# Messages BMCNGL59100 through BMCNGL59199

This group includes messages for the Next Generation Logger product.

**BMCNGL59116I**  NGL SUBTASK TERMINATING. TCB: tcbAddress

*Explanation:* This informational message displays a normal termination for an NGL subtask that was dispatched. The TCB address is displayed.

*User response:* No action is required.
BMCNGL59117W  NGL SUBTASK subtaskName PREMATURLY TERMINATED.  
RC(returnCode) RSN(reasonCode)

Explanation:  NGL attached a subtask to perform work, but the subtask ended prematurely, possibly due to an abend. The codes are described in “NGL reason codes and return codes” on page 197.

User response:  Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59118I  NGL SUBTASK subtaskName STARTED ON TCB: tcbAddress

Explanation:  This informational message indicates that an NGL subtask has been dispatched on a TCB with the address tcbAddress.

User response:  No action is required.

BMCNGL59131E  TASK ATTACH FOR moduleName FAILED. CMPC(completionCode)

Explanation:  An ATTACH of an NGL service module failed due to the abend listed in completionCode.

User response:  Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59132I  NGL ATTACHED TASK moduleName STARTED ON TCB(tcbAddress)

Explanation:  This informational message displays the module name and TCB address of a service task that NGL successfully attached to perform work.

User response:  No action is required.

BMCNGL59133W  SUBTASK HAS REQUESTED TERMINATION - TCB(tcbAddress)  
CMPC(completionCode)

Explanation:  An NGL service task is terminating. The task TCB address and completion code is listed.

User response:  If the task completion code indicates an abend, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59136I  MONITOR TASK REQUESTING DETACH OF TCB(tcbAddress)

Explanation:  This informational message is displayed when an NGL service task is complete and the service task TCB is detached.

User response:  No action is required.

BMCNGL59138W  DBC dbcRequest REQUEST FAILED WITH RC(returnCode)  
RSN(reasonCode) RSPRC(dbcReturnCode) RSRSN(dbcReasonCode)

Explanation:  A DBC request, dbcRequest, from NGL has failed with DBC return code dbcReturnCode and DBC reason code dbcReasonCode. The NGL return code and reason code are also listed. The codes are described in “NGL reason codes and return codes” on page 197.

User response:  Gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59139I**  
arcType ARCHIVE COMPLETE FOR LOGSET(logsetName)  
DSN(datasetName)  

*Explanation:* This informational message is displayed when an archive of a log file is complete. The LOGSET name and the log file name are displayed. arcType will display ONDEMAND if the archive was requested or null if the archive resulted from a log file switch.

*User response:* No action is required.

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**BMCNGL59140I**  
TRACE traceNumber traceStatus  

*Explanation:* This informational message is displayed in response to a TRACE ON or TRACE OFF command issued to NGL. The trace number requested and its status after the command are displayed.

*User response:* No action is required.

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**BMCNGL59141I**  
TRACE PRINT CALLED. RC(returnCode)  

*Explanation:* This informational message results from the NGL command TRACE PRINT. The trace has been sent to the BMCMSGLG data set. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* No action is required.

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**BMCNGL59142W**  
ALLOCATE REQUEST FOR datasetId COMPLETED RC(returnCode)  
RSN(reasonCode)  

*Explanation:* Dynamic allocation for a data set has failed. The DDNAME, return code, and reason code are displayed. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

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**BMCNGL59143W**  
LOGSET CONNECTION FOR logsetName IS NOT ACTIVE  

*Explanation:* A STOP CLIENT request has been received by NGL, but the LOGSET, logsetName, is not active.

*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.

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**BMCNGL59144E**  
LGDE ADDRESS INVALID OR NOT SUPPLIED FOR ARCHIVE COMPLETE REQUEST  

*Explanation:* A required control block address from the archive complete notification process is invalid or does not point to a valid NGL control block.

*User response:* Gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59145I**  
**SYSTEM DUMP SCHEDULED - dumpLevelOption**  
*Explanation:* This informational message is displayed as a result of the NGL DUMP command being issued. The dump level option selected with the command is displayed. The dump has been scheduled.  
*User response:* No action is required.

**BMCNGL59147W**  
**SUBCOMMAND commandName NOT RECOGNIZED**  
*Explanation:* A command issued to NGL contains an incorrect format or an invalid option. The option or operand in error is displayed.  
*User response:* Review and correct the command. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59148W**  
**INVALID VALUE value FOR command COMMAND**  
*Explanation:* An invalid value was specified in an NGL command. The invalid value is displayed.  
*User response:* Review and correct the command. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59149W**  
**COMMAND commandName NOT RECOGNIZED**  
*Explanation:* An invalid NGL command name was entered.  
*User response:* Review and correct the command. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59150W**  
**cmdId OF subCmd FAILED WITH RC(returnCode)**  
*Explanation:* An NGL command request cmdId with subcommand subCmd failed with return code returnCode. The codes are described in “NGL reason codes and return codes” on page 197.  
*User response:* Other messages should precede this message and provide more detail about the error. If the problem cannot be determined, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59151I**  
**cmdId OF subCmd WAS SUCCESSFUL**  
*Explanation:* This informational message displays the successful completion of an NGL request cmdId with subcommand subCmd.  
*User response:* No action is required.

**BMCNGL59152E**  
**LOGSET OR NAME ELEMENT NOT FOUND IN LOGSET DEFINE**  
*Explanation:* A LOGSET definition XML was sent to NGL, but the definition did not contain a <LOGSET> element or the <LOGSET> element did not contain a name attribute. The LOGSET definition fails.  
*User response:* Review the source XML document for the LOGSET and verify the format of the <LOGSET> element, and that it contains a valid name attribute. Correct the XML document if necessary, and resubmit the DEFINE
command to NGL. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59153E LOGSET logsetName NOT FOUND IN REGISTRY**

*Explanation:* A request to REDEFINE or DELETE a LOGSET entry failed. The requested LOGSET name was not found in the NGL registry.

*User response:* Verify that the LOGSET name entered on the request is correct. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59154E START LOGSET logsetName PARAMETERS ARE INCOMPLETE**

*Explanation:* A request from an NGL client to start a LOGSET failed because incomplete parameters were supplied by the client.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59155E START CLIENT AGENT SEND COMMAND FAILED RC(returnCode) RC(reasonCode)**

*Explanation:* NGL attempted to start a DBC agent, but the start command failed with return code returnCode and reason code reasonCode. The agent is not started and some NGL functionality will be lost depending on the agent being started. NGL will use the DBC agent process to start an end of task monitor and NGL archive process. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59157I --- ACTIVE AGENT TASK DISPLAY ---**

*Explanation:* This informational message displays header information about an NGL active task display.

*User response:* No action is required.

**BMCNGL59158I TASKID TYPE CLNT-ASID CLNT-JOB SRVCID LOGSET**

*Explanation:* This informational message displays header information about an NGL active task display.

*User response:* No action is required.

**BMCNGL59159I taskid type clientAsid clientJob serviceld logsetName**

*Explanation:* This informational message displays information about active NGL client connections. The task identification, the client ASID, the client jobname, the NGL service identification, and the LOGSET name are displayed.

*User response:* No action is required.
LOGSET logsetName NOW INACTIVE

Explanation: A request to stop a LOGSET was successful. The LOGSET is now inactive.

User response: No action is required.

LOGSET logsetName NOT ACTIVE

Explanation: A request to NGL to deactivate a LOGSET failed because the LOGSET is not active.

User response: Ensure that the request specifies a validly named, active LOGSET. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

REGISTRY SERVICES ARE NOT AVAILABLE FOR REQUEST

Explanation: A request to start a LOGSET failed because the NGL registry is not active.

User response: Gather all NGL output and contact BMC Software Customer Support.

type MEMBER USED -name

Explanation: This informational message is displayed when a LOGSET or STRUCTURE is defined or activated. The request type and LOGSET or STRUCTURE name is displayed.

User response: No action is required.

LOGSET ACTIVATION FAILED

Explanation: A request to DEFINE a LOGSET failed because of an error parsing the LOGSET XML document. The LOGSET is not saved to the NGL registry.

User response: Review the messages that are returned with the DEFINE and determine the error in the document. Correct the error and resubmit the DEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

LOGSET WAS BUILT FROM logsetDefinitionName

Explanation: This informational message displays the successful completion of a DEFINE LOGSET command. The LOGSET name defined is logsetDefinitionName.

User response: No action is required.

elementName IS NOT NUMERIC. ELEMENT DEFAULTS TO ZERO

Explanation: During the definition of a LOGSET or STRUCTURE, a numeric value was specified for a nonnumeric element. The element value will default to zero.

User response: Correct the element and resubmit the command. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59167E** *elementName* IS MISSING AND IS A REQUIRED ENTRY

*Explanation:* A required element name, *elementName*, is missing from the LOGSET or STRUCTURE definition or redefinition. The command fails.

*User response:* Add the missing element and resubmit the command. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59169E** *elementName* MUST BE YES OR NO. VALUE IGNORED

*Explanation:* An element, *elementName*, in a LOGSET definition must be a YES or NO value. The value is ignored.

*User response:* Verify that the element value is YES, NO, Y, or N; correct any error in the element value; and resubmit the request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59170E** NEITHER LIST NOR BUFFER PASSED ON ACTIVATE CALL

*Explanation:* An internal error occurred during the activation of a LOGSET or STRUCTURE and the activation failed.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59171W** LOGSET *logsetName* IS CURRENTLY ACTIVE. REQUEST IGNORED

*Explanation:* A request to start an already active LOGSET is ignored.

*User response:* If the requested LOGSET is not active, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59172E** PARAMETER CHANGE(S) NOT ALLOWED IN REDEFINE OF LOGSET *logsetName*

*Explanation:* Elements in the REDEFINE LOGSET XML document cannot be redefined as requested. The elements in error are listed in message BMCNGL59173W.

*User response:* Review the message output and correct the parameters in error. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59173W** PARAMETER *elementName* CANNOT BE CHANGED ON LOGSET REDEFINE

*Explanation:* The element, *elementName*, on the REDEFINE LOGSET XML document cannot be redefined as requested.

*User response:* Correct the REDEFINE XML document and resubmit the REDEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
BMCNGL59174E  RETENTION SUFFIX MUST BE D, H, OR M

Explanation: RETENTION was specified in the LOGSET XML definition, but the RETENTION element is in error. If a suffix is used on the RETENTION value, the suffix must be D, H, or M.

User response: Correct the RETENTION element and resubmit the DEFINE or REDEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59175W  LOGSET DEFINITION FOR logsetName CURRENTLY EXISTS. USE REDEFINE OR DELETE AND RE-ADD LOGSET

Explanation: A DEFINE LOGSET request was submitted, but the LOGSET with name logsetName currently exists in the NGL registry.

User response: Either issue a REDEFINE request to change an existing LOGSET, or the delete and DEFINE a new LOGSET. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59176W  LOGSET dsminSpec DSMIN SPECIFIED IS LESS THAN DEFAULT OF 2. NOW SET TO 2.

Explanation: A DEFINE LOGSET request was being processed, but the DSMIN element value, dsminSpec, was less than 2 (the minimum). The default value is used for DSMIN.

User response: If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59177W  CHUNKSIZE GREATER THAN SPACE REQUESTED. SPACE REQUESTED CHANGED TO 16X CHUNKSIZE. SPACE SET TO @M.

Explanation: A DEFINE LOGSET request is being processed and the CHUNKSIZE element value specified is greater than the SPACE element value. The CHUNKSIZE value is changed to sixteen times the value of SPACE. The DEFINE continues.

User response: If the value chosen by NGL is not acceptable, delete the LOGSET, correct the element value, and resubmit the define. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59178W  DSMIN GREATER DSMAX. DSMAX SET TO DSMIN:(dsminValue)

Explanation: A DEFINE or REDEFINE LOGSET request is being processed and the DSMIN value is greater than the value specified for DSMAX. The DSMAX value is reset to the value of DSMIN, dsminValue.

User response: If the value chosen by NGL is not acceptable, delete the LOGSET, correct the element value, and resubmit the define. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59179E**  
**elementName SPECIFICATION OF ZERO IS INVALID**

*Explanation:* A DEFINE or REDEFINE LOGSET request is being processed and an element specification of zero was found for an element that requires a value greater than zero. The element name is displayed as `elementName`.

*User response:* Correct the element value in error and resubmit the define request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59180W**  
**NO RETENTION SPECIFIED. DSMIN AND DSMAX SET TO DSMIN: (dsminValue)**

*Explanation:* A DEFINE or REDEFINE request was being processed. There was no RETENTION element found in the XML document, but the DSMIN value was less than the DSMAX value. If a RETENTION element is not supplied when DSMIN does not equal DSMAX, DSMIN and DSMAX are set to the DSMIN value `dsminValue`.

*User response:* If the value chosen by NGL is not acceptable, delete the LOGSET, correct the element value, and resubmit the request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59181W**  
**SMS CONSTRUCT SERVICE CALL FAILED RC(returnCode) RSN(reasonCode)**

*Explanation:* A DEFINE or REDEFINE request is being processed and SMS class elements were supplied. A SMS service was called to verify the SMS class name, but the call failed with the return code `returnCode` and reason code `reasonCode`. The DEFINE or REDEFINE request fails. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59182W**  
**SMS CLASS (class) WAS NOT FOUND. CLASS SPECIFICATION IGNORED**

*Explanation:* A DEFINE or REDEFINE request is being processed and SMS class elements were supplied. A SMS service was called to verify the SMS class name, but the SMS class name class was not found. The SMS element is ignored and the DEFINE or REDEFINE process continues.

*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59183E**  
**SYMBOL SUBSTITUTION FAILED RC(returnCode) FOR DSPREFIX**

*Explanation:* A DEFINE or REDEFINE request is being processed and the DSNPREIX or ARCPREFIX contains a z/OS system symbol. NGL called a z/OS routine to translate the symbol, but the z/OS routine returned a nonzero return code, `returnCode`. The DEFINE or REDEFINE request fails.

*User response:* Verify that the z/OS symbol name is correct and resubmit the DEFINE or REDEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59184W**  
*<elementName> SPECIFICATION IS ZERO. DEFAULT OF defaultValue TAKEN*

*Explanation:* A DEFINE or REDEFINE request of a LOGSET is being processed and an element value is zero. Zero is not a valid value and a default value of defaultValue was used for the element value.

*User response:* If the value chosen by NGL is not acceptable, delete the LOGSET, correct the element value, and resubmit the define. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59185E**  
*prefixName LENGTH lengthValue IS INVALID. PREFIX MUST BE 35 CHARS OR LESS AFTER ANY SUBSTITUTION*

*Explanation:* The DSNPREFIX or ARCPREFIX element value is greater than the maximum 35 characters. If the prefix includes a z/OS system symbol, the length is displayed after any substitution is made. The prefix in error is displayed in prefixName and the prefix length after any substitution is lengthValue. The request fails.

*User response:* Reduce the prefix name length so that the name length after any substitution meets the element maximum length. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59186W**  
*REGISTRY ENTRY NOT FOUND FOR logsetName|structureName*

*Explanation:* A required registry entry was not found for a REDEFINE LOGSET request or the activation of a LOGSET or STRUCTURE. The request fails.

*User response:* Verify that the correct name was specified on the REDEFINE request, or that the LOGSET or STRUCTURE has been successfully defined. If the LOGSET or STRUCTURE has not been defined, submit a DEFINE request for the missing definition. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59190E**  
*ALESERV TO REQUESTOR ADDRESS SPACE FAILED RC(returnCode)*

*Explanation:* An NGL client product has requested a disconnect from the NGL server. The NGL server issued an ALESERV disconnect to the client address space and the service failed. The return code for the service is returnCode. The client disconnect continues. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59191I**  
*LOGSET(logsetName) MODE(LOG) STOPPED*

*Explanation:* This informational message is displayed when a client product has disconnected from the NGL server. The LOGSET name, logsetName, being used by the client is displayed.

*User response:* No action is required.
BMCNGL59192I  NGL OPERATIONAL STATISTICS  
*Explanation:* This informational message displays header information about NGL operational statistics.  
*User response:* No action is required.  

BMCNGL59193I  CATEGORY COUNT ERRORS  
*Explanation:* This informational message displays header information about NGL operational statistics.  
*User response:* No action is required.  

BMCNGL59194I  *category count errors*  
*Explanation:* This informational message displays operational statistics for NGL. The category, category count, and number of errors for the category are displayed.  
*User response:* No action is required.  

BMCNGL59195I  LOGSET(*logsetName*) NOT FOUND. STOP REQUEST IGNORED  
*Explanation:* This informational message is displayed when a STOP LOGSET command is requested for an inactive LOGSET, *logsetName*.  
*User response:* No action is required.  

BMCNGL59196W  LOGSET(*logsetName*) NOT FOUND OR NOT IN ACTIVE STATE  
*Explanation:* An ARCHIVE LOGSET command was requested for an on-demand archive for LOGSET *logsetName*, but the LOGSET is not active or has never been started.  
*User response:* Verify that the requested LOGSET name is valid and that the LOGSET has been started and is active. If the problem persists, gather all NGL output and contact BMC Software Customer Support.  

BMCNGL59197I  ON-DEMAND ARCHIVE SCHEDULED FOR LOGSET(*logsetName*)  
*Explanation:* An ARCHIVE LOGSET command for LOGSET *logsetName* was successful.  
*User response:* No action is required.  

BMCNGL59198W  ARCHIVE SERVICE REQUEST FAILED WITH RC(*returnCode*) RSN(*reasonCode*)  
*Explanation:* An ARCHIVE LOGSET command for LOGSET was requested, but the request failed with the return code *returnCode* and reason code *reasonCode*. The on-demand archive function was not completed. The codes are described in “NGL reason codes and return codes” on page 197.  
*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.
LOGSET(logsetName) NOT ELIGIBLE FOR ARCHIVE

Explanation: An ARCHIVE LOGSET command for LOGSET logsetName was unsuccessful. The LOGSET is not eligible because an ARCHIVE section is not defined for this LOGSET.

User response: Verify that the ARCHIVE LOGSET command specifies the correct LOGSET name. If the LOGSET name is correct, define an ARCHIVE group for the LOGSET, restart the LOGSET, and retry the ARCHIVE LOGSET command.

Messages BMCNGL59200 through BMCNGL59299

This group includes messages for the Next Generation Logger product.

CONNECTION TO DBC dbcSsid VR versionRelease) FOR TCB tcbAddr COMPLETE

Explanation: This informational message is displayed when a client product connects to the DBC server. The DBC system ID, DBC version and release, and the connecting TCB address are displayed.

User response: No action is required.

CONNECTION TO DBC dbcSsid) TERMINATED

Explanation: This informational message is displayed when the NGL client disconnects from the DBC server.

User response: No action is required.

CAB LOCK IS NOT AVAILABLE - ALCB NOT FREED

Explanation: A required lock to a serial function in the client was not available. The NGL client continues.

User response: If the problem persists, gather all NGL output and contact BMC Software Customer Support.

STIMERM CANCELLED

Explanation: This informational message indicates that a timer element expired during client retry processing.

User response: No action is required.

CONNECTION TO DBC dbcSsid) FAILED. APIRC returnCode) APIRSN(reasonCode)

Explanation: The NGL client manager attempted to connect to the DBC server dbcSsid, but the connection failed. The DBC API return code, returnCode, and
DBC API reason code, `reasonCode`, are displayed. The NGL client connect manager will attempt to reconnect to the DBC server if the client product specified the retry option.

**User response:** The DBC API return code and reason code can be found in the DBC subsystem documentation. Verify that the target DBC server is active. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59209E  LOAD FOR `moduleName` FAILED. RC(`returnCode`)

**Explanation:** Load for module `moduleName` failed with the return code `returnCode` while the NGL client manager was initializing. The connection to the NGL client fails. The codes are described in “NGL reason codes and return codes” on page 197.

**User response:** Verify that the step library concatenation includes the DBC and NGL distribution library. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59210I  RETRYING CONNECTION TO DBCID(`dbcSsid`)

**Explanation:** The initial connection attempt to the DBC server `dbcSsid` failed and the NGL client connection manager is attempting to retry the connection.

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

### BMCNGL59211W  `tcbAddr`. DBC REQUEST `dbcRequest` FAILED WITH RC(`returnCode`) RSN(`reasonCode`) RSPRC(`rspRc`) RSPR SN(`rspReason`)

**Explanation:** A DBC API request was issued by the NGL client manager, but the DBC API request, `dbcRequest`, failed with DBC API return code `returnCode` and DBC API reason code `reasonCode`. The resulting return code and reason code from the DBC server are in `rspRc` and `rspReason`. The TCB address, `tcbAddr`, is the TCB issuing the request.

**User response:** The DBC API and DBC server return codes and reason codes can be found in the DBC subsystem documentation. Verify that the target DBC server is active. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

### BMCNGL59212W  `srvcReq` REQUEST `srvcParm` FAILED WITH RC(`returnCode`) RSN(`reasonCode`)

**Explanation:** A service request, `srvcReq`, failed for an NGL client service. The return code and reason code for the failure are listed with additional information about the service `srvcParm`. The codes are described in “NGL reason codes and return codes” on page 197.

**User response:** Gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59213E** STORAGE REQUEST FAILED WITH RC(*returnCode*)

*Explanation:* The NGL client manager was attempting to obtain required storage for a request, but the obtain request failed with the return code *returnCode*. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Increase the region parameter for the client product and retry the client. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59214E** ATTACH OF RECONNECT TASK *taskName* FAILED WITH COMP(*cmpCode*)

*Explanation:* The NGL client manager was attempting to retry a failed connection to the DBC server. The retry task, *taskName*, was dispatched, but ended with a nonzero completion code *cmpCode*.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59215E** CONNECTION REQUEST FAILED WITH RC(*returnCode*) RSN(*reasonCode*)

*Explanation:* The NGL client connect manager attempted to retry a connection to the DBC server, but the retry attempt failed with the return code *returnCode* and reason code *reasonCode*. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Verify that the target DBC subsystem and target NGL subsystem are active. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59216W** SRB SERVICE FAILED RC(*returnCode*) COMP(*cmpCode*) SRC(*sysrc*) SRSN(*sysrsn*)

*Explanation:* NGL attempted to schedule a SRB into the DBC server address space, but the SRB failed. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59226W** TRACE TABLE FAILED TO INITIALIZE RC(*returnCode*)

*Explanation:* Allocation of an internal trace table failed with *returnCode*. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* NGL continues initialization. Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59230W** STRUCTURE *structureName* NOW INACTIVE

*Explanation:* This informational message is displayed when a STRUCTURE has been made inactive due to an NGL request.

*User response:* No action is required.
BMCNGL59232W  STRUCTURE ACTIVATION FAILED

Explanation: A DEFINE or activate of a STRUCTURE has failed.

User response: Other NGL messages should precede this message and will provide the reason the DEFINE or activate failed. Review those messages for problem determination. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59233I  STRUCTURE WAS BUILT FROM structName

Explanation: This informational message indicates that the DEFINE STRUCTURE request or activate was successful.

User response: No action is required.

BMCNGL59234E  VALUE LENGTH OF lengthValue IS INVALID FOR ELEMENT elementName.
VALUE= value

Explanation: A DEFINE STRUCTURE request is being processed and the length of the element value for elementName is invalid. The invalid length is displayed as value.

User response: Refer to the NGL subsystem documentation and determine the correct value length of the element in error. Correct the error and retry the DEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59235E  NO ELEMENTS FOUND FOR elemName AND ARE REQUIRED

Explanation: A DEFINE STRUCTURE request was being processed and no elements were found for the elemName group. If elemName is a group element, there must be child elements defined for this group.

User response: Review the output from the DEFINE STRUCTURE request and determine whether the XML document has the required entries. If not, correct the STRUCTURE XML document and resubmit the DEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59236E  REDDEFINE OF KEY(keyName) WITH NEW LENGTH(length) AND OFFSET(offset) IS NOT ALLOWED

Explanation: A DEFINE STRUCTURE request was being processed and a KEY field, keyName, was reused, but the length and offset for the key were not the same as the previous use of keyName.

User response: Review the output from the DEFINE STRUCTURE request and determine whether the KEY has been used previously. If so, correct the STRUCTURE XML document and resubmit the DEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
BMCNGL59237E  DATATYPE VALUE (datatypeValue) IS INVALID. MUST BE CHAR OR NUM

Explanation: A DEFINE STRUCTURE request was being processed and the data type for a KEY definition is not valid. The value of DATATYPE must be CHAR or NUM.

User response: User response Review the output from the DEFINE STRUCTURE request and determine whether the DATATYPE has been properly defined. If not, correct the STRUCTURE XML document and resubmit the DEFINE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59238W  STRUCTURE structureName IS CURRENTLY ACTIVE. REQUEST IGNORED

Explanation: A request to deactivate a STRUCTURE failed. The STRUCTURE is currently active for an active LOGSET and cannot be deactivated.

User response: If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59239E  INVALID ELEMENT elementName FOUND. ELEMENT IS IGNORED.

Explanation: A DEFINE STRUCTURE request was being processed and found an invalid element in the XML document. The element name is displayed and the element is ignored.

User response: Review the output from the DEFINE STRUCTURE and determine if the element has been misspelled or is invalid. If so, correct the STRUCTURE XML document and resubmit the DEFINE. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59240E  STRUCTURE DEFINITION FOR structureName NOT FOUND. ACTIVATE FAILED

Explanation: A request to activate a structure failed. The structure structureName was not found in the NGL registry.

User response: Verify that the structure has been defined to NGL and if not, define the structure to NGL. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59241E  <KEYDEF> NAME IS MISSING

Explanation: A DEFINE STRUCTURE request was being processed and contained a <KEYDEF> element, but the KEYDEF name was missing from the element.

User response: In the XML document for the structure being defined, specify a KEYDEF name on the <KEYDEF> element for the structure and resubmit the DEFINE STRUCTURE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
<KEYDEF> NAME defName IS A DUPLICATE. KEYDEF IGNORED

Explanation: A DEFINE STRUCTURE request is being processed and includes a <KEYDEF> element, but the KEYDEF with name defName has already been defined. The KEYDEF is ignored.

User response: In the XML document for the structure being defined, remove the duplicate <KEYDEF> element and resubmit the DEFINE STRUCTURE request. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

<KEYDEF> NAME defName HAS NOT BEEN PREVIOUSLY DEFINED

Explanation: A DEFINE STRUCTURE is being processed and includes a <KEYDEF> element in a RECORDTYPE definition, but the KEYDEF defName has not been previously defined. The DEFINE request fails.

User response: In the XML document for the structure being defined, verify that the <KEYDEF> element has been defined and that the KEYDEF in error is specified correctly. Correct the problem and resubmit the DEFINE. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

REGISTRY SERVICES ARE NOT AVAILABLE

Explanation: The NGL server attempted to initialize the NGL registry interface, but the connection to the registry failed. NGL registry services are not available.

User response: This message should be preceded by other messages that display the failure reason. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

REGISTRY SERVICES ARE NOW INITIALIZED

Explanation: This informational message indicates that the NGL registry service has successfully initialized.

User response: No action is required.

REGISTRY SERVICE CALL < svcName> FAILED. RC(returnCode) RSN(reasonCode)

Explanation: The NGL server has made a call to NGL registry services, but the call failed. The service being requested, svcName, the return code, returnCode, and reason code, reasonCode, for the failing service are displayed. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

REGISTRY SERVICE CALL < svcName> HISTORIC RC(returnCode) RSN(reasonCode)

Explanation: The NGL server has made a call to NGL registry services, but the call failed. The service being request, svcName, the return code from RTCS
registry services, returnCode, and the RTCS registry service reason code, reasonCode, for the failing service are displayed. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59265W**  
**REGISTRY KEY: keyName**

*Explanation:* The NGL server has made a call to NGL registry services, but the call failed. The key name used on the call, keyName, is displayed.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59266I**  
**REGISTRY IS IN registryMode MODE AS A shareOption REGISTRY**

*Explanation:* This informational message displays the RTCS registry mode after the NGL server connects to the registry.

*User response:* No action is required.

**BMCNGL59267I**  
**REGISTRY USED: registryName**

*Explanation:* This informational message displays the registry data set name that is in use by NGL.

*User response:* No action is required.

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**Messages BMCNGL59300 through BMCNGL59399**

This group includes messages for the Next Generation Logger product.

**BMCNGL59300I**  
**RECALL BEING STARTED FOR: datasetName VOL: volume**

*Explanation:* This informational message is displayed when a required log file is migrated and needs to be recalled. The log file data set name, datasetName, and the current catalog volume, volume, are displayed.

*User response:* No action is required.

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**Messages BMCNGL59500 through BMCNGL59599**

This group includes messages for the Next Generation Logger product.
BMCNGL59500I  logsetName: NGL CORE STARTING
Explanation: This informational message is displayed when NGL activates a LOGSET. The LOGSET being activated is logsetName.
User response: No action is required.

BMCNGL59501I  logsetName: NGL CORE ANCHOR ALLOCATE ADDR(address)
Explanation: This informational message indicates that an NGL control block has been allocated for the LOGSET logsetName at storage address address.
User response: No action is required.

BMCNGL59502I  logsetName: NGL CORE ANCHOR REUSED ADDR(address)
Explanation: This informational message is displayed when NGL activates a LOGSET and finds a control block for the LOGSET from a previous execution of NGL. The LOGSET name logsetName and the storage address address of the control block are displayed.
User response: No action is required.

BMCNGL59503I  logsetName: CTKN(token) NGL CORE ANCHOR DELETED ADDR(address)
Explanation: This informational message is displayed when NGL deactivates the LOGSET logsetName and the LOGSET control block is freed at storage address address.
User response: No action is required.

BMCNGL59504I  logsetName: NGL CORE BB AREA ALLOCATED
Explanation: This informational message indicates that below the bar storage has been allocated for the LOGSET logsetName.
User response: No action is required.

BMCNGL59506E  logsetName: LOGSET IS OWNED BY ANOTHER NGL. START LOGSET FAILED
Explanation: NGL attempted to activate a LOGSET, but the LOGSET logsetName is already active on another NGL in the sysplex.
User response: Ensure that the LOGSET has not been started on another NGL instance. The z/OS command D GRS,RES=(BMCNGL,*) will display active LOGSETs, where the RNAME in the display is LOGSET. logsetName. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59507I  logsetName: CTKN(token) NGL CORE TASK(taskName) READY
Explanation: This informational message is displayed during LOGSET initialization. NGL has started a subtask taskName for the LOGSET logsetName.
User response: No action is required.
**BMCNGL59508I** | **logsetName: NGL CORE READY - CTKN(token)**  
*Explanation:* This informational message is displayed when the initialization of LOGSET `logsetName` is complete. The NGL token associated with the LOGSET is `token`.  
*User response:* No action is required.

**BMCNGL59509I** | **logsetName: NGL CORE START FAILED. RC(returnCode) RSN(reasonCode) CTKN(token)**  
*Explanation:* An error occurred during the start of LOGSET `logsetName`. The return code and reason code causing the failure are listed in `returnCode` and `reasonCode`. The codes are described in “NGL reason codes and return codes” on page 197. Token is the NGL token associated with this LOGSET.  
*User response:* Additional messages about this LOGSET should precede this message and indicate why the LOGSET failed to start. If the problem cannot be determined and corrected, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59510E** | **logsetName: CREATE LATCHSET FAILED FOR NAME(latchName) RC(returnCode) RSN(reasonCode)**  
*Explanation:* During the start of LOGSET `logsetName`, a z/OS latch creation failed with return code `returnCode` and reason code `reasonCode`. The codes are described in “NGL reason codes and return codes” on page 197.  
*User response:* The LOGSET initialization fails. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59523I** | **logsetName: LOGFILE DIRECTORY ALLOCATED ADDR(address) LENGTH(length)**  
*Explanation:* This informational message is displayed during LOGSET initialization for `logsetName`. Storage was allocated at `address` and length `length` to maintain control information about the LOGSET.  
*User response:* No action is required.

**BMCNGL59524I** | **logsetName: MMGR CBS ALLOCATED FOR LGDE(lgdeAddr) ADDR(address) LENGTH(length)**  
*Explanation:* This informational message is displayed during LOGSET initialization. Required storage was allocated for LOGSET `logsetName` at address `address` and length `length`.  
*User response:* No action is required.

**BMCNGL59530E** | **MM CONNECTION FAILED RC(returnCode) FOR LOGSET(logsetName) DD(datasetId) DSN(datasetName)**  
*Explanation:* NGL attempted to connect a log file to Media Manager, but the connection failed. The failing return code, LOGSET name, DDname, and data
set name are displayed in the message. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59531W**

CONNECT FDBK(fdback) MODID(modId) RETCD(rtnc) RSN(reasonCode)

*Explanation:* NGL attempted to connect a log file to Media Manager and the connection failed. The feedback and reason code about the failed connection are displayed.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59532E**

MM MACRO CALL type FAILED RC(mmRc) FOR LOGSET(logsetName) DD(datasetId) DSN(datasetName)

*Explanation:* A Media Manager call failed trying access a log file for LOGSET logsetName. The DDname and data set name are displayed, along with the macro call type and return code.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59533E**

MM SERVICE srvcReq FAILED RSN(reasonCode) FOR LOGSET(logsetName) DD(datasetId) DSN(datasetName)

*Explanation:* A Media Manager call failed while attempting to access a log file for LOGSET logsetName. The DDname and data set name are displayed, along with the macro call type and return code.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59534E**

MM DISCONNECT FAILED RC(returnCode) FOR LOGSET(logsetName) DD(datasetId) DSN(datasetName)

*Explanation:* NGL attempted to disconnect a log file from Media Manager, but the disconnect failed with the return code returnCode. The LOGSET name, DD name, and data set name are displayed. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59541E**

service FAILED RC(returnCode) FOR LOGSET(logsetName) DSN(datasetName)

*Explanation:* An internal NGL service request, service, failed with the return code returnCode for the LOGSET and data set name displayed. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59542I**  
**rtype RECALL COMPLETE FOR datasetName. RECALLED TO VOLUME volume**  
*Explanation:* This informational message indicates that a log file has been successfully recalled. The storage manager subsystem, HSM or DMS, is displayed in *rtype*. The log file being recalled, *logsetName*, and the volume to which the log file was recalled are displayed.  
*User response:* No action is required.

**BMCNGL59543W**  
**rtype RECALL FAILED FOR datasetName. RSN(reasonCode) - reasonText**  
*Explanation:* The recall of log file datasetName failed. The storage manager subsystem, HSM or DMS, is displayed in *rtype*. The storage manager subsystem *reasonCode* and *reasonText* indicate the cause of the problem.  
*User response:* The *reasonCode* might help determine the HSM failure. For additional information, refer to the DFHSM message ARC11nnI, where nn is the *reasonCode* displayed in the BMCNGL59844E message. For example, if the *reasonCode* is 12, message ARC1112I might aid in determining the problem. If the problem persists, gather all NGL output and contact BMC Customer Support.

**BMCNGL59544I**  
**FORMAT ISSUED FOR LOGSET(logsetName) DSN(datasetName)**  
*Explanation:* This informational message indicates that formatting of a log file data set, datasetName, is in progress for LOGSET logsetName.  
*User response:* No action is required.

**BMCNGL59545I**  
**ALLOCATE DATASET ISSUED FOR LOGSET(logsetName) DSN(datasetName)**  
*Explanation:* This informational message indicates that NGL has allocated and prepared a log file for operation. The LOGSET name and data set name are displayed.  
*User response:* No action is required.

**BMCNGL59547W**  
**func: NO CANDIDATE LOG FILES EXIST FOR logsetName. LOG SWITCH UNSUCCESSFUL**  
*Explanation:* A required log switch was in progress for LOGSET logsetName, but no candidate volumes exist. The log switch fails, but logging continues.  
*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59548I**  
**ACTIVE LOGFILE FOR LOGSET(logsetName) IS NOW DSN(datasetName)**  
*Explanation:* This informational message displays the active recording log file, datasetName, for LOGSET logsetName.  
*User response:* No action is required.
BMCNGL59550E  INVALID CONTROL PAGE HEADER FOR LOGSET(logsetName)
DSN(datasetName)

Explanation: The control page on datasetName is not valid. NGL is attempting to initialize the log file for use, but the control page is invalid or the log file was improperly or never formatted by NGL.

User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59551E  funct CONTROL PAGE FAILED FOR LOGSET(logsetName)
DSN(datasetName) RC(returnCode) RSN(reasonCode)

Explanation: NGL was attempting to read or write the control page of a log file, but the operation failed with the return code returnCode and reason code reasonCode. The LOGSET name and data set name are displayed. Funct displays the requested function, READ or WRITE. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59552E  PAGE request FOR CONTROL PAGE FAILED FOR LOGSET(logsetName)
DSN(datasetName) RC(returnCode) RSN(reasonCode)

Explanation: A page fix or unfix request failed with the return code returnCode and reason code reasonCode for LOGSET logsetName and data set name datasetName. Request contains the type request that was issued. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59560I  logsetName: NGL CORE TERMINATING CTKN(token)

Explanation: This informational message indicates that the LOGSET logsetName is being deactivated.

User response: No action is required.

BMCNGL59561I  logsetName: NGL CORE WAITING FOR OUTSTANDING WORK TO COMPLETE

Explanation: This informational message is displayed during a LOGSET deactivation. NGL is waiting for an attached subtask to complete termination. NGL will wait for five minutes for the subtask to end and then NGL terminates.

User response: No action is required.

BMCNGL59565I  logsetName: CTKN(token) NGL CORE TASK(taskName) TERMINATED

Explanation: This informational message indicates the termination of an NGL subtask, taskName, which was started for LOGSET logsetName.

User response: No action is required.
**BMCNL59567I**  
**logsetName**: MMGR CBS RELEASED FOR LGDE(lgdeAddr)  
**ADDR(storAddr) LENGTH(storLen)**  
*Explanation*: This informational message is displayed during termination of LOGSET logsetName. An NGL control block that was used for Media Manager I/O is being released for the NGL control block LGDE at address lgdeAddr. The storAddr is the address being released for length storLen.  
*User response*: No action is required.

**BMCNL59568I**  
**logsetName**: LOGFILE DIRECTORY RELEASED ADDR(storAddr) LENGTH(storLen)  
*Explanation*: This informational message is displayed during termination of LOGSET logsetName. An NGL control block that was used to maintain log file information is being released. The storAddr is the address being released for length storLen.  
*User response*: No action is required.

**BMCNL59569I**  
**logsetName**: NGL CORE BB AREA FREED  
*Explanation*: This informational message indicates the termination of LOGSET logsetName. NGL control block storage is being released.  
*User response*: No action is required.

**BMCNL59571I**  
**logsetName**: NGL CORE SHUTDOWN CTKN(token)  
*Explanation*: This informational message indicates the termination of LOGSET logsetName. Termination of the LOGSET is complete.  
*User response*: No action is required.

**BMCNL59572I**  
**logsetName**: NGL CORE STARTING - ALREADY ACTIVE CTKN(token)  
*Explanation*: This informational message is displayed when a request to start LOGSET logsetName determines that the LOGSET is already active.  
*User response*: No action is required.

**BMCNL59573W**  
**logsetName**: NGL CORE START - START IN FLIGHT CTKN(token)  
*Explanation*: This message is displayed when a request to start LOGSET logsetName is issued, but the LOGSET is already being started.  
*User response*: This message might indicate that a previous attempt to start the LOGSET failed. Review the NGL job log to see if there are errors associated with a previous start request for this LOGSET. Correct any errors if possible and restart the LOGSET. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
BMCNGL59574W  **logsetName**: NGL CORE START - TERM IN FLIGHT CTKN(*token*)

*Explanation*: A request to start LOGSET *logsetName* resulted in the LOGSET being in the process of termination.

*User response*: This message might indicate that a previous attempt to start or stop the LOGSET failed. Review the NGL job log to see if there are errors associated with a previous start or stop attempt for this LOGSET. Correct any errors if possible and restart the LOGSET. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59575W  **logsetName**: NGL CORE TERM - LOGSET NEVER STARTED CTKN(*token*)

*Explanation*: An attempt to stop a LOGSET *logsetName* was unsuccessful because the LOGSET was never started.

*User response*: If the STOP LOGSET command is being used to terminate the LOGSET, verify that the LOGSET has previously been active. If the LOGSET has never been started or is in an inactive state, the stop request can be ignored. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59576W  **logsetName**: NGL CORE TERM - LOGSET START IN FLIGHT CTKN(*token*)

*Explanation*: An attempt to stop LOGSET *logsetName* was unsuccessful because the LOGSET was in the process of being activated.

*User response*: If the LOGSET is being activated, let the activation process complete and then stop the LOGSET. If the LOGSET is not being activated, review the NGL job log to see if a previous start attempt of the LOGSET failed. If a previous start attempt failed, try to correct the problem and restart the LOGSET, and then stop the LOGSET. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59577W  **logsetName**: NGL CORE TERM - LOGSET TERM IN FLIGHT CTKN(*token*)

*Explanation*: An attempt to stop LOGSET *logsetName* was unsuccessful because the LOGSET was in the process of being terminated.

*User response*: If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59578I  **logsetName**: NGL CORE TERM - LOGSET ALREADY TERMINATED CTKN(*token*)

*Explanation*: This informational message indicates that a stop request for LOGSET *logsetName* was unsuccessful because the LOGSET was already successfully terminated.

*User response*: No action is required.
BMCNGL59580I  *logsetName: ACTIVE LOGSET NMTOK(nametok) FOUND*

*Explanation:* This informational message is displayed during LOGSET logsetName activation. The name token for this LOGSET was found from a previous activation of logsetName.

*User response:* No action is required.

BMCNGL59581I  *logsetName: ACTIVE LOGSET NMTOK(nametok) NOT FOUND*

*Explanation:* This informational message is displayed during LOGSET activation for logsetName. A name token nametok for the LOGSET was not found.

*User response:* No action is required.

BMCNGL59583I  *logsetName: ACTIVE LOGSET NMTOK(nametok) RET ERROR RC(returnCode)*

*Explanation:* LOGSET logsetName is being activated, but a name token retrieval for nametok failed with the return code returnCode. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* No action is required.

BMCNGL59584I  *logsetName: ACTIVE LOGSET NMTOK(nametok) CREATED*

*Explanation:* A name token nametok was successfully added for LOGSET logsetName during LOGSET activation.

*User response:* No action is required.

BMCNGL59585E  *logsetName: ACTIVE LOGSET NMTOK(nametok) CRT ERROR RC(returnCode)*

*Explanation:* A name token creation failed for name nametok with the return code returnCode during LOGSET activation. The LOGSET activation fails for logsetName. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59586I  *logsetName: ACTIVE LOGSET NMTOK(nametok) DELETED*

*Explanation:* The LOGSET logsetName is being terminated and name token nametok has been deleted.

*User response:* No action is required.

BMCNGL59587I  *logsetName: ACTIVE LOGSET NMTOK(nametok) DEL ERROR RC(returnCode)*

*Explanation:* The LOGSET logsetName is being terminated and the deletion of name token nametok failed with the return code returnCode. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* No action is required.
**BMCNGL59588E**  
**logsetName**: PAUSE FUNCTION funct FAILED RC(returnCode) FOR TASK(taskName)  
*Explanation:* A PAUSE function, funct, was requested, but failed with the return code returnCode. The requesting task is taskName. The codes are described in “NGL reason codes and return codes” on page 197.  
*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.  

**BMCNGL59590I**  
**NGL CORE TERMINATION - TERMINATING ALL LOGSETS**  
*Explanation:* This informational message is displayed when NGL is terminating and all active LOGSETs are to be terminated.  
*User response:* No action is required.  

**BMCNGL59591I**  
**logsetName**: NGL CORE TERM - TASK(S) HUNG  
*Explanation:* This informational message is displayed during a LOGSET termination and NGL finds that some of the subtasks attached to the LOGSET are not terminating in a timely manner.  
*User response:* No action is required.  

**BMCNGL59595E**  
**logsetName**: NGL CORE START - TASK(taskName) FAILED  
*Explanation:* The ATTACH of a required task taskName failed for LOGSET logsetName. The LOGSET activation fails.  
*User response:* Gather all NGL output and contact BMC Software Customer Support.  

**BMCNGL59597E**  
**logsetName**: LOGSET ENQUE FAILED RC(returnCode) RSN(reasonCode)  
*Explanation:* LOGSET logsetName is being started, but a LOGSET by the same name is active on this or another z/OS system. The start request for the LOGSET on this NGL fails. The codes are described in “NGL reason codes and return codes” on page 197.  
*User response:* Determine whether the LOGSET is active elsewhere. If so, the LOGSET cannot be started on this NGL instance. Ensure that the client product is specifying the correct NGLID in which to start the LOGSET. If the problem persists, gather all NGL output and contact BMC Software Customer Support.  

**Messages BMCNGL59600 through BMCNGL59699**  
This group includes messages for the Next Generation Logger product.
BMCNGL59650E  LOGSET(logsetName), UNABLE TO OBTAIN MMRE STORAGE,  
RC(returnCode)  
Explanation:  LOGSET logsetName was starting and needed storage for I/O  
work areas, but the storage request failed. The start of the LOGSET fails. The  
codes are described in “NGL reason codes and return codes” on page 197.  
User response:  Try increasing the size of the NGL server address space. If the  
problem persists, gather all NGL output and contact BMC Software Customer  
Support. 

BMCNGL59651E  LOGSET(logsetName), UNABLE TO RELEASE MMRE STORAGE,  
RC(returnCode)  
Explanation:  LOGSET logsetName was terminating and freeing storage for the I/  
O work areas. The storage release failed with return code returnCode.  
Termination of the LOGSET continues. The codes are described in “NGL  
reason codes and return codes” on page 197.  
User response:  If the problem persists, gather all NGL output and contact BMC  
Software Customer Support. 

BMCNGL59652E  LOGSET(logsetName), UNABLE TO OBTAIN SHARED STORAGE,  
RC(returnCode) RSN(reasonCode)  
Explanation:  LOGSET logsetName was being started and needed to acquire  
shared memory, but the obtain request failed with return code returnCode and  
reason code reasonCode. The LOGSET fails to start. The codes are described in  
“NGL reason codes and return codes” on page 197.  
User response:  If the problem persists, gather all NGL output and contact BMC  
Software Customer Support. 

BMCNGL59653E  LOGSET(logsetName), UNABLE TO OBTAIN WRITE BUFFERS,  
RC(returnCode) RSN(reasonCode)  
Explanation:  LOGSET logsetName was being started and needed to acquire  
memory, but the obtain request failed with return code returnCode and reason  
code reasonCode. The LOGSET fails to start. The codes are described in “NGL  
reason codes and return codes” on page 197.  
User response:  If the problem persists, gather all NGL output and contact BMC  
Software Customer Support. 

BMCNGL59654W  LOGSET(logsetName), UNABLE TO RELEASE STORAGE, RC(returnCode)  
RSN(reasonCode)  
Explanation:  LOGSET logsetName was being terminated and a storage release  
failed with return code returnCode and reason code reasonCode. The LOGSET  
termination continues.  
User response:  If the problem persists, gather all NGL output and contact BMC  
Software Customer Support.
BMCNGL59655E  LOGSET(logsetName), UNABLE TO ACCESS SHARED STORAGE, 
      RC(returnCode) RSN(reasonCode) 
      Explanation:  LOGSET logsetName was being started and needed to acquire 
                    shared memory, but the obtain request failed with return code returnCode 
                    and reason code reasonCode. The LOGSET fails to start. The codes are described in 
                    “NGL reason codes and return codes” on page 197. 
      User response:  If the problem persists, gather all NGL output and contact BMC 
                      Software Customer Support. 

BMCNGL59656E  LOGSET(logsetName), UNABLE TO FREE SHARED STORAGE, 
      RC(returnCode) RSN(reasonCode) 
      Explanation:  LOGSET logsetName was being terminated and a storage release 
                    failed with return code returnCode and reason code reasonCode. The LOGSET 
                    termination continues. The codes are described in “NGL reason codes and 
                    return codes” on page 197. 
      User response:  If the problem persists, gather all NGL output and contact BMC 
                      Software Customer Support. 

BMCNGL59657I  LOGSET(logsetName), DSN(datasetName), RESTART CHUNK 
      RBN(rbnAddr) 
      Explanation:  LOGSET logsetName is being activated. The data set datasetName 
                    will be used to continue logging requests at chunk address rbnAddr. 
      User response:  No action is required. 

BMCNGL59658I  LOGSET(logsetName), STAT: LOG: RECORDS(loggedRecs), 
      CHUNKS FILLED (chunks) 
      Explanation:  This informational message displays statistical information about 
                    the LOGSET logsetName. LoggedRecs is the number of records logged to the 
                    LOGSET and chunks is the number of chunks filled. The numbers are 
                    maintained while the LOGSET is active; the numbers are reset when the 
                    LOGSET is activated. 
      User response:  No action is required. 

BMCNGL59659I  LOGSET(logsetName), STAT: LOG: BUFFS FULL(buffFull), 
      CHUNK TOO SMALL(chunk) 
      Explanation:  This informational message displays statistical information about 
                    the LOGSET logsetName. buffFull is the number of full buffer condition reason 
                    codes returned to the client product. Chunk is the number of times the chunk 
                    was too small to hold the requested record to be logged. The numbers are 
                    maintained while the LOGSET is active; the numbers are reset when the 
                    LOGSET is activated. 
      User response:  No action is required.
**LOGSET(logsetName), STAT: LOG: INVALID RECORD(invRecs), INVALID INDEX(invIndex)**

*Explanation:* This informational message displays statistical information about the LOGSET `logsetName`. `invRecs` is the number of times that the record to be logged contained an invalid length for the data record. `invIndex` is the number of times that the requested record to be logged contained an invalid length in that index structure. The numbers are maintained while the LOGSET is active; the numbers are reset when the LOGSET is activated.

*User response:* No action is required.

---

**LOGSET(logsetName), STAT: LOG: ABENDS(abends)**

*Explanation:* This informational message displays statistical information about the LOGSET `logsetName`. `abends` is the number of times a recoverable abend occurred while a record was being logged. The numbers are maintained while the LOGSET is active; the numbers are reset when the LOGSET is activated.

*User response:* No action is required.

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**LOGSET(logsetName), STAT: READ: REQUESTS(reads), RECORDS(recs), CHUNKS(chunks)**

*Explanation:* This informational message displays statistical information about the LOGSET `logsetName`. `reads` is the number retrieval request from a client product. `recs` is the number of records returned for the retrieval request. `chunks` is the number of chunks read to satisfy the retrieval request. The numbers are maintained while the LOGSET is active; the numbers are reset when the LOGSET is activated.

*User response:* No action is required.

---

**LOGSET(logsetName), STAT: READ: BUFFER REUSE(buffReuse), IO BUFF UNAVAIL(buffUnaval)**

*Explanation:* This informational message displays statistical information about the LOGSET `logsetName`. `BuffReuse` is the number of times a retrieval request found the request record in a chunk read buffer. `BuffUnaval` is the number of times a buffer was unavailable for a retrieval request. The numbers are maintained while the LOGSET is active; the numbers are reset when the LOGSET is activated.

*User response:* No action is required.

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**LOGSET(logsetName), STAT: READ: ERRORS(readErrs), ABENDS(abends), CANCELED(cancels)**

*Explanation:* This informational message displays statistical information about the LOGSET `logsetName`. `readErrs` is the number of times a retrieval request encountered an I/O error when trying to read a chunk. `abends` is the number of times a retrieval request abended during processing. The numbers are...
maintained while the LOGSET is active; the numbers are reset when the LOGSET is activated.

User response: No action is required.

**BMCNGL59665I**  
**LOGSET(logsetName), STAT: WRITE: FULL(chnkFull), DEFERRED(chnkDefer), ERROR(wrtErr)**

*Explanation:* This informational message displays statistical information about the LOGSET logsetName. chnkFull is the number of full chunks that have been written to the LOGSET. ChnkDefer is the number of partial chunks that have been written to the LOGSET due to the DEFERWRITE parameter or due to the LOGSET being closed. Wrterr is the number of times a write error occurred while writing a chunk. The numbers are maintained while the LOGSET is active; the numbers are reset when the LOGSET is activated.

User response: No action is required.

**BMCNGL59666E**  
**LOGSET(logsetName), DSN(datasetName), INITIAL CHUNK READ ERROR, RBN(rbn), RC(returnCode), RSN(reasonCode)**

*Explanation:* LOGSET logsetName was being activated and a read of a chunk to establish the LOGSET starting point failed for data set datasetName. The relative address to be read is rbn and the return code returnCode and reason code reasonCode for the failing request is displayed. The LOGSET activation is terminated. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59690I**  
**LOGSET: logsetName STATUS: logsetStatus**

*Explanation:* This informational message displays the status logsetStatus for a the LOGSET logsetName.

User response: No action is required.

**BMCNGL59691I**  
**CLIENT clientStat FOR JOB(jobid) ASID(asid) LOGSET(logsetName)**

*Explanation:* This informational message is displayed when a client connects to or disconnects from the NGL server. clientStat displays the status as CONNECT, DISCONNECT, or EOT DISCONNECT. The client job identification jobid, client ASID asid, and the LOGSET name logsetName are displayed.

User response: No action is required.

**BMCNGL59692I**  
**LOGSET(logsetName), STAT: WRTBUFF: BUFFS(wrtBuff), FULL(buffFull), PARTIAL(partBuff)**

*Explanation:* This informational message displays statistical information about the LOGSET logsetName. wrtBuff is the number of write buffers available for I/O. buffFull is the number of times buffer write for a full buffer was performed. partBuff is the number of partial buffers whose contents are to be written.
numbers are maintained while the LOGSET is active and reset when LOGSET is activated.

User response: No action is required.

**BMCNGL59693I NO ACTIVE LOGSETS FOUND**

Explanation: This informational message is displayed if a LOGSET is not active and a request to display LOGSET status is requested.

User response: No action is required.

**BMCNGL59694W LOGSET logsetName IS NOT ACTIVE**

Explanation: Status information about LOGSET logsetName cannot be displayed because the LOGSET is not active.

User response: Try the display request after the LOGSET is activated. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59695I LOGSET STATUS DNAME**

Explanation: This informational message is a header line for a LOGSET display request.

User response: No action is required.

**BMCNGL59696I START TIME END TIME**

Explanation: This informational message is a header line for a LOGSET status command.

User response: No action is required.

**BMCNGL59697I logsetName status datasetName**

Explanation: This informational message is displayed in response to a LOGSET LIST command. The LOGSET name, status, and the log file data set name are displayed.

User response: No action is required.

**BMCNGL59698I startTime endTime**

Explanation: This informational message is displayed in response to a LOGSET LIST command. The log file starting and ending date and times are displayed in UTC format.

User response: No action is required.
Messages BMCNGL59800 through BMCNGL59899

This group includes messages for the Next Generation Logger product.

**BMCNGL59801I** CONNECTION MADE TO DBC SSID\((dbcSsid)\) GROUP\((dbcGroup)\) versionRelease

*Explanation:* This informational message is displayed when the archive program connects to the DBC server \(dbcSsid\). The DBC GROUP, version and release information are displayed.

*User response:* No action is required.

**BMCNGL59803W** logsetName: REQUEST reqName FAILED WITH RC\((returnCode)\) RSN\((reasonCode)\)

*Explanation:* This message is issued during archive processing when a request \(reqName\) fails during archive initialization. The archive process is terminated. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59804I** NGL ARCHIVE PROCESSING TERMINATING NORMALLY

*Explanation:* This informational message indicates that the archive process terminated normally.

*User response:* No action is required.

**BMCNGL59805E** NGL ARCHIVE PROCESSING TERMINATING DUE TO ERRORS.
RC\((returnCode)\) RSN\((reasonCode)\)

*Explanation:* The archive program has ended with errors. The error \(returnCode\) and \(reasonCode\) are displayed. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59806E** request modid MODULE FAILED TO LOAD RC\((returnCode)\)

*Explanation:* A module \(modid\) was required for archive processing, but the module failed to load. The requesting function \(request\) and the return code \(returnCode\) are listed. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* Verify that the DBC and NGL distribution load libraries are available to the archive process. Add the necessary library and retry the archive process. If the problem persists, gather all NGL output and contact BMC Software Customer Support.
BMCNGL59807E  UNABLE TO EXTRACT ASPARMS RC(returnCode) RSN(reasonCode)

Explanation: The archive program was unable to extract the necessary start parameters passed from the DBC server. The archive process terminates. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59808E  ARCHIVE PROCESS NOT RUNNING AUTHORIZED

Explanation: This message is displayed if the archive process is not running in an authorized environment.

User response: Verify that the step libraries for the NGLARCH procedure are authorized. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59809I  ARCHIVE WRITING TO DSN(datasetName)

Explanation: This informational message displays the output archive data set, datasetName.

User response: No action is required.

BMCNGL59810I  CHUNKS AVAIL(maxChnk) CHUNKS USED(chnkUsed) CHUNK SIZE(chnkSz)

Explanation: This informational message displays statistical information about the log file being processed by the archive program. The number of chunks maxChnk available on the log file, the number of chunks used chnkUsed, and the chunk size chnkSz in bytes are displayed.

User response: No action is required.

BMCNGL59811I  RECORDS WRITTEN TO ARCHIVE: recs BYTES: bytes

Explanation: This informational message is displayed at the end of archive processing for a log file and displays the number of records and bytes written to the archive data set.

User response: No action is required.

BMCNGL59812I  CHUNK IDX_SEGS INDXLen DATALen

Explanation: This informational message displays statistics for the log file at the completion of the archive process. This message is a header line for the chunk statistics display.

User response: No action is required.

BMCNGL59813I  chunkNumber indxSegs indxLen dataLen

Explanation: This informational message displays statistics for the log file at the completion of the archive process. This message displays the number of index records found indxSegs, the total length of the index segment for this
chunk `indxLen`, and the total data record length for this chunk `dataLen`. The chunk number is `chunkNumber`.

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

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**BMCNGL59814E**  
**modid: parm NOT PASSED ON ARCHIVE START COMMAND**

**Explanation:** A required parameter `parm` was not passed to the archive module `modid`. The archive process terminates.

**User response:** Gather all NGL output and contact BMC Software Customer Support.

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**BMCNGL59819E**  
**funct FAILED RC(returnCode) FOR ARCHIVE DSN(datasetName)**

**Explanation:** A function `funct` failed during the archive process for data set `datasetName`. The routine ended with the return code `returnCode`. The codes are described in “NGL reason codes and return codes” on page 197.

**User response:** Gather all NGL output and contact BMC Software Customer Support.

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**BMCNGL59820W**  
**ARCHIVE DSN(datasetName) IS ALREADY CATALOGED. DSN RESET TO (newName)**

**Explanation:** The archive data set name `datasetName` is already cataloged and the archive program has created a new name for this archive. The archive process continues.

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

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**BMCNGL59830I**  
**CONNECTION TO DBC(dbcSsid) VR(versionRelease) TOKN(token) COMPLETE**

**Explanation:** This informational message indicates that the archive program connection to the DBC server `dbcSsid` was successful. The DBC server version and release level are displayed along with the token returned by DBC.

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

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**BMCNGL59831I**  
**CONNECTION TO DBC(dbcSsid) TERMINATED**

**Explanation:** This informational message indicates that the archive process has terminated the connection to the DBC server `dbcSsid`.

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

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**BMCNGL59832E**  
**CONNECTION TO DBC(dbcSsid) FAILED. APIRC(returnCode) APIRSN(reasonCode)**

**Explanation:** The archive program attempted to connect to the DBC server `dbcSsid`, but the connection failed with a DBC response return code `returnCode` and reason code `reasonCode`. The archive process terminates. The codes are described in “NGL reason codes and return codes” on page 197. This error can
occur if an archive is scheduled, and the DBC is stopped immediately afterward.

*User response:* Verify that the DBC `dbcSsid` is still active. If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59833W**  
**DBC REQUEST `dbcReq` FAILED WITH RC(`returnCode`) RSN(`reasonCode`) RSPRC(`dcbRc`) RSPRSN(`dbcRsn`)**

*Explanation:* The archive program attempted to send a message to the DBC server or read a message from the DBC server. The request is `dbcReq`. The request failed with DBC server response return code `dcbRc` and reason code `dbcRsn`. The archive process continues. The codes are described in “NGL reason codes and return codes” on page 197.

*User response:* If the problem persists, gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59834I**  
**USER EXIT HAS BEEN DISABLED BY REQUEST FROM `request CALL`**

*Explanation:* The archive program called the archive user exit and the user exit requested to be disabled. The type of user call is `request` and should be either RECORD or FILE.

*User response:* No action is required.

**BMCNGL59835E**  
**USER EXIT HAS BEEN DISABLED DUE TO ABEND**

*Explanation:* An abend occurred in the archive process while a user exit was in control. The user exit is bypassed for any additional archive records. The archive process continues.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59836E**  
**REGISTRY INSTANCE IS NOT VALID. REGISTRY SERVICES NOT AVAILABLE FOR ARCHIVE PROCESSING**

*Explanation:* The archive program determined that the required registry information was not available from the parent NGL server. The archive terminates.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**BMCNGL59837I**  
**`arcCount` ARCHIVE ENTRIES FOUND FOR LOGSET: `logsetName`**

*Explanation:* This informational message indicates that `arcCount` archive entries were found for LOGSET `logsetName` during the archive purge process.

*User response:* No action is required.
**BMCNGL59838I**  **ARCHIVE ENTRY**  

**datasetName disp**

*Explanation:* This informational message displays an archive data set entry and the resulting disposition from the purge process. The data set name `datasetName` and resulting disposition `disp` are displayed.

*User response:* No action is required.

**BMCNGL59839I**  **ARCHIVE DATE:**  **arcDate SOURCE DSN:**  **datasetName**

*Explanation:* This informational message displays an archive in the NGL archive registry. The date of the archive `arcDate` in UTC format and the source log file `datasetName` are displayed.

*User response:* No action is required.

**BMCNGL59840I**  **PURGE CRITERIA**

*Explanation:* This informational message displays the purge criteria found for the LOGSET.

*User response:* No action is required.

**BMCNGL59841I**  **PURGE IF GREATER THAN nbrArCs ARCHIVES**

*Explanation:* This informational message displays the purge criteria specified in the DELETEBYMAX archive specification. If more than `nbrArCs` archive data sets are found by the purge processing, the oldest archives will be deleted until `nbrArCs` archive data sets remain.

*User response:* No action is required.

**BMCNGL59842I**  **PURGE IF GREATER THAN mbSpace MB TOTAL ARCHIVE USAGE**

*Explanation:* This informational message displays the purge criteria specified in the DELETEBYSIZE archive specification. The oldest archive data sets will be deleted if the total space used by all archives exceeds the maximum `mbSpace` amount.

*User response:* No action is required.

**BMCNGL59843I**  **PURGE IF GREATER THAN purgeDays DAYS OLD. TARGET DATE IS tarDate**

*Explanation:* This informational message displays the purge criteria from the DELETEBYDAYs archive specification and the target purge date `tarDate` based on the `purgeDays` specification. Any archive created prior to this date will be deleted.

*User response:* No action is required.
BMCNGL59844E  HSM DELETE FAILED FOR datasetName. RSN(reasonCode) - errorMessage

Explanation: During purge processing for archive data sets, datasetName was to be deleted and an HSM DELETE was issued for the data set, but failed with reason code reasonCode and HSM message errorMessage.

User response: The reasonCode might help determine the HSM failure. For additional information, refer to the DFHSM message ARC11nnI, where nn is the reasonCode displayed in the BMCNGL59844E message. For example, if the reasonCode is 12, message ARC1112I might aid in determining the problem. If the problem persists, gather all NGL output and contact BMC Customer Support.

BMCNGL59845I  ARCHIVE DATASET IS MIGRATED. HSM DELETE ISSUED FOR datasetName

Explanation: This informational message is displayed during the purge processing of archive data sets. Data set datasetName was to be purged and is currently migrated. An HSM DELETE is issued for the data set.

User response: No action is required.

BMCNGL59846E  DELETE OF ARCHIVE DATASET FAILED FOR datasetName RC(returnCode)

Explanation: During the purge processing of archive data sets, the deletion of archive datasetName failed. The return code from the failed request is displayed in the message. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59847I  ARCHIVE BEGINNING FOR LOGFILE datasetName

Explanation: This informational message indicates that an archive process is starting for the source log file named datasetName.

User response: No action is required.

BMCNGL59848I  LOGFILE DATE RANGE IS FROM(fromDate) TO (toDate)

Explanation: This informational message displays the starting fromDate and ending toDate for the source log file during an archive request. The dates displayed are in UTC format.

User response: No action is required.

BMCNGL59849E  FAILURE READING CHUNK(chnkNbr) RC(returnCode) RC(reasonCode)

Explanation: An I/O error occurred reading chunk chnkNbr from the log file during an archive. The return code and reason code for the error are displayed in the message. The codes are described in “NGL reason codes and return codes” on page 197.

User response: Gather all NGL output and contact BMC Software Customer Support.
**BMCNGL59850I**  
**CISIZE**(ciSize) KB/LDS(kbLds) CI/LDS(cilds) CI/CHUNK(ciChnk)**

*Explanation:* This informational message displays the CI size used for the log file, the kilobytes per log file kbLds, the number of CIs per log file cilds, and the number of CIs per chunk.

*User response:* No action is required.

---

**BMCNGL59851I**  
**CONTROL PAGE LEN**(cpLen) CIS(nbrCis) CHUNK DIR LEN(dirLen)**

*Explanation:* This informational message displays the log file control page length cpLen, the number of CIs required for the control page nbrCis, and the chunk directory length dirLen.

*User response:* No action is required.

---

**BMCNGL59852I**  
**CHUNK CI OFFSET**(ciOffset) CIS(nbrCis) RBA(chkRba) LEN(chkLen)**

*Explanation:* This informational message displays the offset to the first chunk ciOffset, the number of CIs per chunk nbrCis, the RBA of the first chunk chkRba, and the chunk length chkLen.

*User response:* No action is required.

---

**BMCNGL59853E**  
**INVALID INDEX POINTER. DISPL**(indxDisp) CURR CHUNK(currCi)**

*Explanation:* During processing of a log file archive operation, an invalid index header was found. The current displacement in the chunk CI currCi and the index displacement indxDisp are displayed in the message.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

---

**BMCNGL59854E**  
**INVALID DATA POINTER. I_DISPL**(chkDisp) D_DISPL**(dataDisp) CURR CHUNK CI(currCi)**

*Explanation:* During processing of a log file archive operation, an invalid data header was found. The index pointed to a data record that did not contain a valid data header. The current displacement in the chunk chkDisp, the index data displacement dataDisp, and the current chunk CI currCi are displayed in the message.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

---

**BMCNGL59855E**  
**MAXIMUM ERRORS OF errorMaximum REACHED. ARCHIVE ENDED WITH ERRORS**

*Explanation:* The archive for this data set is ending because errors occurred while processing the source log file. The archive is terminated.

*User response:* Gather all NGL output and contact BMC Software Customer Support.
ARCHIVE DCB ABEND EXIT TAKEN ABCODE(*abendCode*). ARCHIVE HALTED

*Explanation:* An abend occurred while writing to the output archive data set and a DBC abend exit was invoked. The abend code is displayed in *abendCode*.

*User response:* Gather all NGL archive output and contact BMC Software Customer Support.

---

### Messages BMCNGL59900 through BMCNGL59999

This group includes messages for the Next Generation Logger product.

**BMCNGL59900I**  
*jobName jobid loadAddr entryAddr modId release ptfLvl modDate*  
*Explanation:* This informational message displays module information during the NGL initialization. The report is written to the BMCMSGLG report DD.  
*User response:* No action is required.

**BMCNGL59901I**  
*jobName jobid STORAGE ADDRESS LISTING FOR NGLID: nglPiid*  
*Explanation:* This informational message displays NGL start parameters and addresses during NGL initialization. The report is written to the BMCMSGLG report DD.  
*User response:* No action is required.

**BMCNGL59902I**  
*jobName jobid category info*  
*Explanation:* This informational message displays NGL start parameters and addresses during NGL initialization. The report is written to the BMCMSGLG report DD.  
*User response:* No action is required.

**BMCNGL59903I**  
*jobName jobid category info*  
*Explanation:* This informational message displays NGL start parameters and addresses during NGL initialization. The report is written to the BMCMSGLG report DD.  
*User response:* No action is required.

**BMCNGL59905W**  
*DYNAMIC ALLOCATION FOR BMCMSGLG FAILED. RC(*returnCode*) RC(*reasonCode*)*  
*Explanation:* A dynamic allocation request to BMCMSGLG to print NGL startup information failed with the *returnCode* and *reasonCode*. The report is not
produced. The codes are described in “NGL reason codes and return codes” on page 197.

User response: If the problem persists, gather all NGL output and contact BMC Software Customer Support.

BMCNGL59910E  ABEND abendCode OCCURRED IN lmod.csect OFFSET(offset) LEVEL(level)
Explanation: An abend abendCode occurred in load module lmod CSECT csect at offset offset and module level level.
User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59911E  PSW AT ERROR pswLoc ILC ilc INTC ic TEA tea
Explanation: An abend occurred in an NGL module. This message displays the failing PSW pswLoc, instruction length code ilc, interrupt code ic, and translation exception address tea (if an addressing exception occurred).
User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59912E  DATA AT PSW-6 pswAddr - data
Explanation: An abend occurred in an NGL module. The PSW address and data at the PSW are displayed.
User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59913E  AR/GPR v arreg/reg-high_reg-low arreg/reg-high_reg-low
Explanation: An abend occurred in an NGL module. The general purpose registers, their AR value if any, and the register contents are displayed.
User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59915E  NGLRSTAE - DUMP NOT TAKEN RC(returnCode) RC(reasonCode)
Explanation: An abend occurred in an NGL module. A dump request was issued but failed with the return code returnCode and reason code reasonCode. The codes are described in “NGL reason codes and return codes” on page 197.
User response: Gather all NGL output and contact BMC Software Customer Support.

BMCNGL59916E  RETRY REGISTERS
Explanation: An abend occurred in an NGL module. The retry registers for the abend recovery are displayed.
User response: Gather all NGL output and contact BMC Software Customer Support.
MESSAGE DEFINITION MISSING - *messageId*

*Explanation:* A message was to be displayed, but the required message prototype is missing.

*User response:* Gather all NGL output and contact BMC Software Customer Support.

**NGL reason codes and return codes**

This topics contains the reason codes and return codes that appear in many NGL messages.

The following table describes the return codes that appear in many NGL messages.

<table>
<thead>
<tr>
<th>Return code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>The function was successful.</td>
</tr>
<tr>
<td>4</td>
<td>A warning condition has occurred, but processing continues.</td>
</tr>
<tr>
<td>8</td>
<td>An error has occurred.</td>
</tr>
<tr>
<td>12</td>
<td>A severe error has occurred.</td>
</tr>
<tr>
<td>29</td>
<td>A catastrophic error has occurred.</td>
</tr>
</tbody>
</table>

The following table describes the reason codes that appear in many NGL messages.

<table>
<thead>
<tr>
<th>Reason code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global reason codes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>NGL_Parameter_error</td>
<td>The parameter list is incomplete or was not passed to the routine.</td>
</tr>
<tr>
<td>8</td>
<td>NGL_Registry_Not_Active</td>
<td>The NGL registry is not active.</td>
</tr>
<tr>
<td>10</td>
<td>NGL_DBCAPI_Error</td>
<td>An error occurred while issuing a command to the DBC API.</td>
</tr>
<tr>
<td>11</td>
<td>NGL_DBC_LQSRVC_Error</td>
<td>An error occurred while reading or writing data to the DBC local queue.</td>
</tr>
<tr>
<td>12</td>
<td>NGL_Not_Active</td>
<td>NGL is not active.</td>
</tr>
<tr>
<td>13</td>
<td>NGL_Storage_Obtain_Error</td>
<td>A storage obtain error occurred.</td>
</tr>
<tr>
<td>14</td>
<td>NGL_Storage_Free_Error</td>
<td>A storage free error occurred.</td>
</tr>
<tr>
<td>15</td>
<td>NGL_Name_Token_Ret_Error</td>
<td>A name token retrieval error occurred.</td>
</tr>
<tr>
<td>16</td>
<td>NGL_Name_Token_Cre_Error</td>
<td>A name token create error occurred.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>17</td>
<td>NGL_Name_Token_Del_Error</td>
<td>A name token delete error occurred.</td>
</tr>
<tr>
<td>40</td>
<td>NGL_Latch_Obtain</td>
<td>A latch obtain error occurred.</td>
</tr>
<tr>
<td>41</td>
<td>NGL_Latch_Release</td>
<td>A latch release error occurred.</td>
</tr>
<tr>
<td>42</td>
<td>NGL_PET_Pause</td>
<td>A Pause Element Token pause error occurred.</td>
</tr>
<tr>
<td>43</td>
<td>NGL_PET_Release</td>
<td>A Pause Element Token release error occurred.</td>
</tr>
<tr>
<td>255</td>
<td>NGL_Abend_Occurred</td>
<td>An abend occurred during execution.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>NGL Agent Component</strong></td>
</tr>
<tr>
<td>20</td>
<td>CMDP_Start_Logset_Parm_Error</td>
<td>Invalid parameters were found on the START LOGSET command.</td>
</tr>
<tr>
<td>21</td>
<td>CMDP_Start_Logset_Parm_Value</td>
<td>Invalid parameter value was entered on the START LOGSET command.</td>
</tr>
<tr>
<td>23</td>
<td>CMDP_Start_Logset_Activate_Err</td>
<td>LOGSET activation failed.</td>
</tr>
<tr>
<td>24</td>
<td>CMDP_Start_Logset_CCB_AllocErr</td>
<td>An NGL control block allocation failed on a LOGSET start.</td>
</tr>
<tr>
<td>25</td>
<td>CMDP_Start_Logset_ALESERVEError</td>
<td>An ALESERV request to the client address space failed.</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>NGL Client Component</strong></td>
</tr>
<tr>
<td>104</td>
<td>CAGT_Parameter_error</td>
<td>The parameter list from the client product is missing a required parameter.</td>
</tr>
<tr>
<td>105</td>
<td>CAGT_Function_error</td>
<td>The function requested in the client product parameter list is invalid.</td>
</tr>
<tr>
<td>106</td>
<td>CAGT_Token_error</td>
<td>The token supplied in the client product parameter list is invalid.</td>
</tr>
<tr>
<td>107</td>
<td>CAGT_DBCAPI_Load_Error</td>
<td>The DBC API module failed to load properly</td>
</tr>
<tr>
<td>108</td>
<td>CAGT_DBCAPI_Init_failed</td>
<td>The DBC API initialization call failed.</td>
</tr>
<tr>
<td>109</td>
<td>CAGT_NGLCore_load_failed</td>
<td>An error occurred while loading the NGL core module NGL9KCMC.</td>
</tr>
<tr>
<td>110</td>
<td>CAGT_DBCAPI_Send_failed</td>
<td>An error occurred while sending a request to the DBC API.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>------------</td>
<td>-------------</td>
</tr>
<tr>
<td>111</td>
<td>CAGT_Attach_connect_monitor</td>
<td>The attach of the connection monitor retry task failed.</td>
</tr>
<tr>
<td>112</td>
<td>CAGT_Retry_not_allowed</td>
<td>The DBC connection is inactive, but retry is not allowed.</td>
</tr>
<tr>
<td>113</td>
<td>CAGT_Retry_In_Progress</td>
<td>The NGL client manager is in retry and the client request cannot be processed.</td>
</tr>
<tr>
<td>114</td>
<td>CAGT_Retry_At_Max</td>
<td>The maximum number of retries has been tried.</td>
</tr>
<tr>
<td>115</td>
<td>CAGT_Logset-Token_error</td>
<td>The NGL client token from the client call is invalid.</td>
</tr>
<tr>
<td>116</td>
<td>CAGT_Product_Not_Active</td>
<td>The NGL server is not active.</td>
</tr>
<tr>
<td>117</td>
<td>CAGT_Logset_Not_Active</td>
<td>The requested LOGSET is not active.</td>
</tr>
<tr>
<td>118</td>
<td>CAGT_DBCAPI_BLDL_Error</td>
<td>BLDL failure while loading the DBC API module.</td>
</tr>
<tr>
<td>119</td>
<td>CAGT_Storage_Obtain_Error</td>
<td>A storage obtain error occurred during an attempt to obtain private area storage.</td>
</tr>
<tr>
<td>120</td>
<td>CAGT_ALCB_Lock_Error</td>
<td>A lock could not be obtained for the ALCB chain.</td>
</tr>
<tr>
<td>121</td>
<td>CAGT_Core_Init_Error</td>
<td>The NGL core module did not initialize properly.</td>
</tr>
<tr>
<td>122</td>
<td>CAGT_Connection_Inactive</td>
<td>The connection to the DBC server is not active.</td>
</tr>
<tr>
<td>123</td>
<td>CAGT_Core_Not_Active</td>
<td>The NGL core is not active in the NGL server address space.</td>
</tr>
<tr>
<td>124</td>
<td>AGT_NGL_Service_NotActive</td>
<td>The NGL service agent did not activate.</td>
</tr>
<tr>
<td>126</td>
<td>CAGT_Retrieval_Failed</td>
<td>A retrieve or continue request failed.</td>
</tr>
</tbody>
</table>

**NGL Services Component**

<table>
<thead>
<tr>
<th>Reason code</th>
<th>Identifier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>203</td>
<td>ACTL_Logset_Not_Active</td>
<td>The requested LOGSET is not active.</td>
</tr>
<tr>
<td>204</td>
<td>ACTL_Logset_Currently_Active</td>
<td>The requested LOGSET is currently active.</td>
</tr>
<tr>
<td>205</td>
<td>ACTL_No_XML_Buffer</td>
<td>A buffer to parse the XML document could not be obtained.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>206</td>
<td>ACTL_XML_Parser_Failed</td>
<td>The parser for the XML failed.</td>
</tr>
<tr>
<td>207</td>
<td>ACTL_XML_Validate_Error</td>
<td>The LOGSET XML failed validation.</td>
</tr>
<tr>
<td>208</td>
<td>ACTL_Getstor_Failed</td>
<td>Work area storage could not be obtained.</td>
</tr>
<tr>
<td>209</td>
<td>ACTL_Registry_Error</td>
<td>Error occurred in reading or writing the registry.</td>
</tr>
<tr>
<td>210</td>
<td>ACTL_LOGSET_Already_Defined</td>
<td>The LOGSET being defined is already defined.</td>
</tr>
<tr>
<td>214</td>
<td>ACTS_STRUCTURE_Currently_Active</td>
<td>The structure requested for deletion is active.</td>
</tr>
<tr>
<td>215</td>
<td>ACTS_No_XML_Buffer</td>
<td>A buffer to parse the XML document cannot be obtained.</td>
</tr>
<tr>
<td>216</td>
<td>ACTS_XML_Parser_Failed</td>
<td>The parser for the XML failed.</td>
</tr>
<tr>
<td>217</td>
<td>ACTS_XML_Validate_Error</td>
<td>The structure XML failed validation.</td>
</tr>
<tr>
<td>218</td>
<td>ACTS_Getstor_Failed</td>
<td>Work area storage could not be obtained.</td>
</tr>
<tr>
<td>219</td>
<td>ACTS_Registry_Error</td>
<td>Error occurred in reading or writing the registry.</td>
</tr>
<tr>
<td>224</td>
<td>QSRB_Parameter_Error</td>
<td>The parameter list for the local queue service routine is missing required parameters.</td>
</tr>
<tr>
<td>225</td>
<td>QSRB_Storage_Error</td>
<td>Storage obtain error occurred in the local queue service routine.</td>
</tr>
<tr>
<td>231</td>
<td>WAITL_List_Full</td>
<td>The NGL ECB list full.</td>
</tr>
<tr>
<td>232</td>
<td>WAITL_Task_Terminated</td>
<td>An NGL attached task failed.</td>
</tr>
<tr>
<td>233</td>
<td>WAITL_SRB_Mode_Caller</td>
<td>The NGL attach routine was called by a SRB mode caller.</td>
</tr>
<tr>
<td>234</td>
<td>WAITL_Parameter_Error</td>
<td>The parameter list for the NGL attach routine is missing required parameters.</td>
</tr>
<tr>
<td>240</td>
<td>WORKQ_Add_WQE_Lock_Error</td>
<td>An error occurred while a work queue element was being added.</td>
</tr>
<tr>
<td>241</td>
<td>WORKQ_Delete_WQE_Lock_Error</td>
<td>An error occurred while a work queue element was being deleted.</td>
</tr>
<tr>
<td>242</td>
<td>WORKQ_Release_Error</td>
<td>An error occurred while a pause element was being released for a work queue element.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>------------</td>
<td>-------------</td>
</tr>
<tr>
<td>NGL Core Component</td>
<td></td>
<td></td>
</tr>
<tr>
<td>600</td>
<td>MMGR_Parm_Error_NoTERMECB</td>
<td>No terminate ECB was provided for an MM request.</td>
</tr>
<tr>
<td>601</td>
<td>MMGR_Parm_Error_NoMMIB</td>
<td>No MMIB was provided for an MM request.</td>
</tr>
<tr>
<td>602</td>
<td>MMGR_Parm_Error_NoMMRE</td>
<td>No MMRE was provided for an MM request.</td>
</tr>
<tr>
<td>603</td>
<td>MMGR_Parm_Error_NoDDname</td>
<td>No ddname was provided for an MM connect request.</td>
</tr>
<tr>
<td>604</td>
<td>MMGR_Storage_Obtain_Error</td>
<td>Work area storage could not be obtained.</td>
</tr>
<tr>
<td>605</td>
<td>MMGR_PGFIX_Error</td>
<td>A page fix service failed.</td>
</tr>
<tr>
<td>606</td>
<td>MMGR_Format_Error</td>
<td>The formatting of a log file failed.</td>
</tr>
<tr>
<td>607</td>
<td>MMGR_Connect_Error</td>
<td>The connect request to a log file failed.</td>
</tr>
<tr>
<td>608</td>
<td>MMGR_PGFREE_Error</td>
<td>A page free error occurred while fixed pages were being freed.</td>
</tr>
<tr>
<td>610</td>
<td>MMGR_IOError</td>
<td>An I/O error occurred during the reading or writing of a log file.</td>
</tr>
<tr>
<td>640</td>
<td>LDSM_Allocate_Failed</td>
<td>A dynamic allocation of the LOGSET log file failed.</td>
</tr>
<tr>
<td>641</td>
<td>LDSM_Registry_Error</td>
<td>A read or update to NGL registry failed.</td>
</tr>
<tr>
<td>642</td>
<td>LDSM_Open_Failed</td>
<td>A connection to the LOGSET log file failed.</td>
</tr>
<tr>
<td>643</td>
<td>LDSM_Dynalloc_Failed</td>
<td>A dynamic allocation function failed.</td>
</tr>
<tr>
<td>644</td>
<td>LDSM_Connect_Failed</td>
<td>A connection to the LOGSET log file failed.</td>
</tr>
<tr>
<td>645</td>
<td>LDSM_Format_Failed</td>
<td>The formatting of a LOGSET log file failed.</td>
</tr>
<tr>
<td>646</td>
<td>LDSM_Catalog_Error</td>
<td>An error occurred while information was being retrieved from the z/OS catalog.</td>
</tr>
<tr>
<td>647</td>
<td>LDSM_GETDSAB_Error</td>
<td>A get request of a DSCB failed.</td>
</tr>
<tr>
<td>648</td>
<td>LDSM_UCBLOOK_Error</td>
<td>A UCBLOOK function failed.</td>
</tr>
<tr>
<td>649</td>
<td>LDSM_ReadCP_Error</td>
<td>An error occurred during the reading of the control page from a log file.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>650</td>
<td>LDSM_No_Candidate</td>
<td>No LGDE candidate is available for log switch.</td>
</tr>
<tr>
<td>651</td>
<td>LDSM_Invalid_Status</td>
<td>An invalid LGDE status occurred on archive completion.</td>
</tr>
<tr>
<td>652</td>
<td>LDSM_Disconnect_Failed</td>
<td>A disconnect request to a log file failed.</td>
</tr>
<tr>
<td>653</td>
<td>LDSM_No_Logset_Active</td>
<td>There are no active LOGSETs.</td>
</tr>
<tr>
<td>654</td>
<td>LDSM_Logset_Not_Active</td>
<td>The requested LOGSET is not active.</td>
</tr>
<tr>
<td>655</td>
<td>LDSM_Service_Request_Failed</td>
<td>A service request for the LOGSET failed.</td>
</tr>
<tr>
<td>656</td>
<td>LDSM_Not_Archive_Logset</td>
<td>The requested LOGSET is does not have archive options specified in the LOGSET definition.</td>
</tr>
<tr>
<td>660</td>
<td>KI00_Invalid_Control_Page</td>
<td>The NGL control page on the log file is invalid or the log file was improperly formatted.</td>
</tr>
<tr>
<td>661</td>
<td>KI00_ReadCP_Failed</td>
<td>A read of a log file control page failed.</td>
</tr>
<tr>
<td>662</td>
<td>KI00_WriteCP_Failed</td>
<td>A write of a log file control page failed.</td>
</tr>
<tr>
<td>663</td>
<td>KI00_LSDB_Not_Found</td>
<td>A LOGSET descriptor block for the LOGSET was not found.</td>
</tr>
<tr>
<td>664</td>
<td>KI00_LSSB_Not_Found</td>
<td>A block descriptor for the structure was not found.</td>
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<tr>
<td>665</td>
<td>KI00_Pagefix_Failed</td>
<td>A PGFIX request failed.</td>
</tr>
<tr>
<td>666</td>
<td>KI00_PageUnfix_Failed</td>
<td>A PGUNFIX request failed.</td>
</tr>
<tr>
<td>699</td>
<td>KCMC_Invalid_Function</td>
<td>An internal function failed due to an invalid function request from caller.</td>
</tr>
<tr>
<td>700</td>
<td>KC00_Storage_Obtain_Error</td>
<td>An error occurred during a storage obtain request.</td>
</tr>
<tr>
<td>701</td>
<td>KC00_Initial_Read_Error</td>
<td>A read request to a LOGSET log file failed during LOGSET start.</td>
</tr>
<tr>
<td>720</td>
<td>KCMI_Logset_Start_Failure</td>
<td>The start of a LOGSET failed.</td>
</tr>
<tr>
<td>721</td>
<td>KCMI_LGSPC_NSTARTED</td>
<td>The LOGSET has never been started.</td>
</tr>
<tr>
<td>722</td>
<td>KCMI_LGSPC_ASTARTED</td>
<td>The LOGSET is already started.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>------------</td>
<td>-------------</td>
</tr>
<tr>
<td>723</td>
<td>KCMLGSPC_STARTING</td>
<td>The LOGSET is in a STARTING status.</td>
</tr>
<tr>
<td>724</td>
<td>KCMLGSPC_TERMINATING</td>
<td>The LOGSET is in a TERMINATING status.</td>
</tr>
<tr>
<td>725</td>
<td>KCMLGSPC_TERMINATED</td>
<td>The LOGSET is in a TERMINATED status.</td>
</tr>
<tr>
<td>726</td>
<td>KCMSKPSERVERADRSPC</td>
<td>The requested function is not allowed in the NGL server address space.</td>
</tr>
<tr>
<td>727</td>
<td>KCMLREADYOWNED</td>
<td>The LOGSET is currently owned by another NGL on the sysplex.</td>
</tr>
<tr>
<td>728</td>
<td>KCMICA_NMTOK_CRT</td>
<td>A name token create error occurred for the CA at the system level.</td>
</tr>
<tr>
<td>729</td>
<td>KCMIJL_NMTOK_CRT</td>
<td>A name token create error occurred for the CA at the job step level.</td>
</tr>
<tr>
<td>730</td>
<td>KCMIJL_NMTOK_RET</td>
<td>A name token retrieval error occurred for the CA at the job step level.</td>
</tr>
<tr>
<td>731</td>
<td>KCMLATCH_OBTAIN</td>
<td>An OBTAIN LATCH failed.</td>
</tr>
<tr>
<td>732</td>
<td>KCMLATCH_RELEASE</td>
<td>A LATCH RELEASE request failed.</td>
</tr>
<tr>
<td>733</td>
<td>KCMTASK_START</td>
<td>A task is starting.</td>
</tr>
<tr>
<td>734</td>
<td>KCMTASK_HUNG</td>
<td>A task is hung.</td>
</tr>
<tr>
<td>735</td>
<td>KCMJOBSTEP_STORAGE</td>
<td>An obtain request failed for job step storage.</td>
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<tr>
<td>736</td>
<td>KCMLENQDEQ_ERROR</td>
<td>An enqueue or dequeue failed.</td>
</tr>
<tr>
<td>740</td>
<td>KCMT_Wrong_Mode</td>
<td>The wrong mode was specified for function request.</td>
</tr>
<tr>
<td>741</td>
<td>KCMT_Core_Anchor_Not_Found</td>
<td>The CA address was not found.</td>
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<tr>
<td>742</td>
<td>KCMT_Logset_Not_Started</td>
<td>The requested LOGSET is inactive.</td>
</tr>
<tr>
<td>743</td>
<td>KCMT_Logset_Start_Active</td>
<td>The LOGSET is in a start active status.</td>
</tr>
<tr>
<td>744</td>
<td>KCMT_Logset_Terminating</td>
<td>The LOGSET is in a terminating status.</td>
</tr>
<tr>
<td>745</td>
<td>KCMT_Logset_Terminated</td>
<td>The LOGSET is already terminated.</td>
</tr>
<tr>
<td>746</td>
<td>KCMT_Task_Hung_At_Term</td>
<td>NGL core tasks are still active at NGL LOGSET termination.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
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<tr>
<td>760</td>
<td>KCML_Record_Length_Invalid</td>
<td>The source record length is invalid on a LOG request.</td>
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<tr>
<td>761</td>
<td>KCML_Index_Length_Invalid</td>
<td>The index length is invalid on a LOG request.</td>
</tr>
<tr>
<td>762</td>
<td>KCML_Logset_Buffers_Full</td>
<td>The LOGSET buffers are full.</td>
</tr>
<tr>
<td>763</td>
<td>KCML_Logset_Not_Available</td>
<td>The LOGSET is not available or inactive.</td>
</tr>
<tr>
<td>764</td>
<td>KCML_Chunk_Too_Small</td>
<td>The chunk size is too small to hold the requested record.</td>
</tr>
<tr>
<td>765</td>
<td>KCML_No_Structure</td>
<td>There is no structure definition for LOGSET and KEYBUFF is zeros.</td>
</tr>
<tr>
<td>766</td>
<td>KCML_Rectype_Not_Found</td>
<td>A record type was not found in the structure definition.</td>
</tr>
<tr>
<td>770</td>
<td>KIRW_WriteChunk_Failed</td>
<td>The write request of a chunk failed.</td>
</tr>
<tr>
<td>771</td>
<td>KIRW_PageFix_Failed</td>
<td>A pagefix request failed.</td>
</tr>
<tr>
<td>772</td>
<td>KIRW_PageUnfix_Failed</td>
<td>A page unfix failed.</td>
</tr>
<tr>
<td>773</td>
<td>KIRW_Latch_Obtain</td>
<td>Error occurred while a latch was being acquired.</td>
</tr>
<tr>
<td>774</td>
<td>KIRW_Latch_Release</td>
<td>Error occurred while a latch was being freed.</td>
</tr>
<tr>
<td>775</td>
<td>KIRW_No_Buffers_Avail</td>
<td>No buffers are available to write a chunk.</td>
</tr>
<tr>
<td>780</td>
<td>KIRD_ReadChunk_Failed</td>
<td>The read request of a chunk failed.</td>
</tr>
<tr>
<td>781</td>
<td>KIRD_PageFix_Failed</td>
<td>A page fix error occurred.</td>
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<tr>
<td>782</td>
<td>KIRD_PageUnfix_Failed</td>
<td>A page free error occurred.</td>
</tr>
<tr>
<td>790</td>
<td>KCMR_No_Retrieve_Token</td>
<td>The NGL token required to retrieve data is not supplied.</td>
</tr>
<tr>
<td>791</td>
<td>KCMR_Invalid_Retrieve_Token</td>
<td>The NGL token required to retrieve data is not valid.</td>
</tr>
<tr>
<td>792</td>
<td>KCMR_No_Keybuff_Parm</td>
<td>The KEYBUFF parameter is omitted or is zeros.</td>
</tr>
<tr>
<td>793</td>
<td>KCMR_No_Keybuff_Address</td>
<td>The KEYBUFF parameter points to a zero buffer address.</td>
</tr>
<tr>
<td>794</td>
<td>KCMR_Invalid_Key_Length</td>
<td>The key length supplied for a read request is invalid.</td>
</tr>
<tr>
<td>795</td>
<td>KCMR_No_Recbuff_Parm</td>
<td>The RECBUFF parameter is omitted or is zeros.</td>
</tr>
<tr>
<td>Reason code</td>
<td>Identifier</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>796</td>
<td>KCMR_No_Recbuff_Address</td>
<td>The RECBUFF parameter points to a zero buffer address.</td>
</tr>
<tr>
<td>797</td>
<td>KCMR_Invalid_Rec_Length</td>
<td>The record length specified is invalid or greater than the maximum value.</td>
</tr>
<tr>
<td>798</td>
<td>KCMR_No_Rectype_Parm</td>
<td>No record type parameter was specified on the retrieve call.</td>
</tr>
<tr>
<td>799</td>
<td>KCMR_Invalid_Type_Length</td>
<td>The record type length is invalid for a read request.</td>
</tr>
<tr>
<td>800</td>
<td>KCMR_Recbuff_Full</td>
<td>The caller record buffer is full and more data is available to return.</td>
</tr>
<tr>
<td>801</td>
<td>KCMR_No_Bufflen_Parm</td>
<td>The BUFFLEN parameter is omitted or is zeros.</td>
</tr>
<tr>
<td>802</td>
<td>KCMR_No_Data_Matches</td>
<td>No data records match the retrieval request key information.</td>
</tr>
<tr>
<td>803</td>
<td>KCMR_Recbuff_Too_Small</td>
<td>The buffer specified for a retrieval is too small to hold the requested data.</td>
</tr>
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Messages OSZ0000 through OSZ9999

This topic includes messages for the Runtime Component System product.

Messages OSZ0000 through OSZ0099

This group includes messages for the Runtime Component System product.

**OSZ0000I**

*Explanation:* This message was returned to a Runtime Component System (RTCS) component or client product by an MVS or External Security Manager (ESM) interface. This message was not generated by an RTCS component or an RTCS-based client products. Processing continues normally.

*User response:* See the IBM or OEM vendor documentation for the original, captured message ID.

**OSZ0001I**

RTCS Subsystem initialization in progress

*Explanation:* The Runtime Component System (RTCS) subsystem address space has started initialization of the RTCS kernel on this MVS image. RTCS subsystem kernel initialization proceeds normally.

*User response:* No action is required.

**OSZ0002E**

RTCS requires OS/390 2.10, z/OS 1.1, or later

*Explanation:* The Runtime Component System (RTCS) has detected that it has been started on an MVS system whose BCP level is earlier than OS/390 Version 2 Release 10. The RTCS subsystem requires the functions in OS/390 2.10 (or any release of z/OS) to properly establish itself in an MVS system, and for its client products to function. RTCS initialization terminates. Kernel initialization cannot successfully proceed on an MVS system version that is earlier than OS/390 2.10. Products that depend on RTCS will not be able to run.

*User response:* Run RTCS and RTCS-dependent products on an MVS system whose BCP is at the OS/390 2.10 level (or any release of z/OS). Do not attempt
to run RTCS or any RTCS-dependent product on a system which is at an earlier MVS BCP version or release level.

**OSZ0003E RTCS Subsystem initialization must be run as the initial job step in a started task**

*Explanation:* The Runtime Component System (RTCS) has determined that it has not been started as the first program to be executed in an MVS started task (STC) step. The RTCS subsystem initialization program, OSZMOSYS, requires that it be executed in an MVS started task (STC) as the initial job step program in order to properly establish itself in the MVS system. OSZMOSYS must be invoked with a JCL EXEC statement that is part of a started task JCL procedure that is executed as a consequence of an MVS START command, such as // RTCS EXEC PGM=OSZMOSYS. RTCS initialization terminates. Kernel initialization cannot proceed in the current address space environment. Products that depend on RTCS will not be able to run.

*User response:* Ensure that you are attempting to initialize the RTCS subsystem as an MVS started task (STC), and that the JCL procedure that you are using to start RTCS contains only one step (one EXEC statement that invokes OSZMOSYS).

**OSZ0004E RTCS slot in customer anchor table occupied**

*Explanation:* Runtime Component System (RTCS) initialization determined that the MVS system in which it was started has a corrupted or unavailable field in the MVS customer anchor table that IBM assigned to BMC for use by RTCS. The RTCS subsystem uses the field in the MVS customer anchor table pointed to by the ECVT to store the address of a control block resident in common storage and provide its own global vector table to properly establish itself in the MVS system. For RTCS to use the slot assigned to BMC in the customer anchor table, it must not be in use by a non-RTCS product and it must not be corrupted. RTCS initialization terminates. Kernel initialization cannot proceed until the BMC slot in the MVS customer anchor table is available (zero). Products that depend on RTCS will not be able to run.

*User response:* Ensure that no other instance of RTCS has been started in this system. Only one RTCS subsystem or started task can be executing on any MVS system. If there is no other instance of RTCS or you get this message the first time you attempt to start RTCS, take a system dump and make it available to BMC Customer Support. They will assist you in determining what other software has incorrectly overlaid the designated customer anchor table slot.

**OSZ0005I RTCS Subsystem PC services now available**

*Explanation:* Runtime Component System (RTCS) kernel initialization has successfully initialized its program call (PC) services for RTCS-dependent products. Products that depend on RTCS can now be started.

*User response:* No action is required. You can use this message to trigger automation actions that depend on the availability of the RTCS subsystem.
PARM= field contains unrecognized parameters

Explanation: The Runtime Component System (RTCS) initialization has detected that an invalid PARM field is specified on either the started task JCL procedure EXEC statement or the START command. RTCS subsystem kernel initialization proceeds. The invalid PARM string is ignored.

User response: Examine the PARM fields for errors, and correct those errors. Restart RTCS.

Initialization terminated, //is not APF-authorized

Explanation: The Runtime Component System (RTCS) Initiator started task routine, OSZSIRIS, or the RTCS subsystem started task routine, OSZMOSYS, was not invoked in key zero, or the started task job step is not APF-authorized. This message can also occur under the following circumstances:

- OSZMOSYS was properly invoked in key zero, but the RTCS subsystem Program Library PDSE (TOSZRTCS) has become non-APF-authorized.
- RTCS Product Program Library PDSE (TOSZLINK, or a copy) is not in the APF list or has become non-APF-authorized.

Both OSZMOSYS and OSZSIRIS must be invoked in key zero. Valid MVS Program Properties Table (PPT) entries in SYS1.PARMLIB(SCHEDxx) for both OSZSIRIS and OSZMOSYS are required for MVS to assign the correct address space properties RTCS requires. Under certain circumstances, RTCS can also use job step APF authorization to properly establish itself in the MVS system. In order for the RTCS started tasks to be marked APF-authorized by MVS, each program library included in the STEPLIB DD statement concatenation in the started task JCL must be APF-authorized.

If the ddname indicated is STEPLIB, RTCS Initiator address space or RTCS subsystem control address space kernel initialization terminates. RTCS initiation and subsystem kernel initialization cannot proceed without the proper MVS PPT entry in effect (or without APF authorization). If the ddname indicated is TASKLIB, RTCS Generalized Server address spaces will not be able to execute successfully, without APF authorization. RTCS subsystem initiation and subsystem kernel initialization will not proceed without all proper program library APF authorization. In either case, products that depend on RTCS will not run.

User response: Ensure that the required PPT entries for RTCS are in effect on this MVS image. The proper PPT entries must be included in some SCHEDxx member of either a logical PARMLIB data set or SYS1.PARMLIB, and the SCHEDxx member name suffix, xx, must have been specified in the SCH operand of an appropriate IEASYSnn member of PARMLIB. If the SCHEDxx member that contains the required entries for RTCS is already in place in SYS1.PARMLIB or a logical PARMLIB data set and its suffix (xx) is referenced with an SCH specification in an IEASYSnn member, you can either perform an IPL of the MVS image or reset the SCH specification by using the SET SCH=xx
operator command. This command causes the indicated SCHEDxx member suffixes to become effective temporarily (until either the next SET command is issued or the system is re-IPLed). The following example of a SET SCH=xx operator command would cause MVS to rebuild the PPT by using SYS1.PARMLIB or logical PARMLIB members SCHED00 and SCHEDRT:

```
SET SCH=(00,RT)
```

To which MVS responds with the following message:

```
IEE252I MEMBER  SCHED00 FOUND IN SYS1.PARMLIB
IEE252I MEMBER  SCHEDRT FOUND IN SYS1.PARMLIB
IEE536I SCH     VALUE RT NOW IN EFFECT
```

Ensure that all data sets in the //STEPLIB DD concatenation of the started task JCL are APF-authorized. Also ensure that all data sets in the //TASKLIB DD concatenation of the started task JCL are APF-authorized. To APF-authorize a data set, it must have an entry in one of the PROGnn members of SYS1.PARMLIB; for example, an entry for a non-SMS-managed PDSE might look like this:

```
APF ADD
DSNAME(SYS1.SYSA.OSZRTCS)
VOLUME(SYSPVA)
```

If the data set is actually a PDSE library on an SMS-managed volume, the entry for it might look like this:

```
APF ADD
DSNAME(SYS2.RTCS.OSZRTCS)
SMS
```

To APF-authorize a data set without having to re-IPL an MVS image, use the SETPROG operator command. The following example would APF-authorize the data set for a non-SMS-managed PDSE:

```
SETPROG APF,ADD,DSNAME=SYS1.SYSA.OSZRTCS,VOLUME=SYSPVA
```

To which MVS responds with the following message:

```
CSV410I DATA SET SYS1.SYSA.OSZRTCS ON VOLUME SYSPVA
ADDED TO APF LIST
```

If you allocated the RTCS subsystem PDSE program library (TOSZRTCS) on an SMS-managed volume, you would use the following SETPROG command:

```
SETPROG APF,ADD,LIBRARY=SYS2.RTCS.OSZRTCS,SMS
```

To which MVS responds with the following message:

```
CSV410I SMS-MANAGED DATA SET SYS2.RTCS.OSZRTCS ADDED TO APF LIST
```
OSZ0009I  RTCS Subsystem Kernel termination initiated

Explanation: The Runtime Component System (RTCS) subsystem kernel has started the process of terminating on this MVS system and is proceeding normally.

User response: No action is required.

OSZ0010I  RTCS Subsystem Kernel termination completed

Explanation: The Runtime Component System (RTCS) subsystem kernel termination has completed and RTCS services are no longer available on this MVS system. Products that depend on RTCS will not be able to run.

User response: No action is required.

OSZ0011I  RTCS Subsystem EOT RESMGR entered

Explanation: The MVS Resource Manager (RESMGR) end-of-task (EOT) exit established by the Runtime Component System (RTCS) kernel has been entered due to an abend in an RTCS started task (STC) address space. RTCS subsystem kernel services are terminated and no longer available in the system. Products that depend on RTCS will not be able to run.

User response: If the problem cannot be identified and resolved based on previous messages, contact BMC Customer Support.

OSZ0012I  RTCS Subsystem EOM RESMGR entered

Explanation: The MVS Resource Manager (RESMGR) end-of-memory (EOM) exit established by the Runtime Component System (RTCS) kernel has been entered due to termination (end-of-memory) of the RTCS started task (STC) address space. RTCS subsystem kernel services are terminated and no longer available in the system. Products that depend on RTCS will not be able to run.

User response: If the problem cannot be identified and resolved based on previous messages, contact BMC Customer Support.

OSZ0014I  RTCS ARR recovery entered for diagnosis

Explanation: An abend has occurred in a Runtime Component System (RTCS) kernel or an RTCS-dependent product function. The MVS Recovery/Termination Manager has given control to an RTCS ARR routine. The RTCS subsystem ARR routine will attempt to diagnose the circumstances and location of the abend and report this information to the console and the product.

User response: Review subsequent RTCS Recovery Manager messages for pertinent information. If the abend causes problems with an RTCS-dependent product, report the messages to BMC Customer Support.

OSZ0015I  RTCS Subsystem RESMGR ended

Explanation: The MVS Resource Manager (RESMGR) exit was terminated. The Runtime Component System (RTCS) kernel set this exit to intercept abends during its initialization process. A previous message (either OSZ0011I or
OSZ0012I) will have been issued to indicate the circumstances under which the
RTCS RESMGR exit was entered. RTCS subsystem kernel services are
terminated and are no longer available in the system. Products that depend on
RTCS will not be able to run.

User response:  If the problem cannot be identified and resolved based on
previous messages, contact BMC Customer Support.

OSZ0016E  Invalid recovery parameter - terminating

Explanation:  During Runtime Component System (RTCS) subsystem
initialization, an abend occurred, and the ESTAEX recovery routine in
OSZMOSYS was given control by MVS. However, the SDWAPARM passed to
the ESTAEX recovery routine does not properly point to the OSYS work area.
RTCS initialization terminates. Products that depend on RTCS will not be able
to run.

User response:  Contact BMC Customer Support.

OSZ0017E  Dynamic LPA add failed for OSZLPALB - Kernel cannot start

Explanation:  During Runtime Component System (RTCS) subsystem address
space kernel initialization, RTCS was unable to dynamically add module
OSZLPALB to the MVS Link Pack Area (LPA). RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response:  Contact BMC Customer Support.

OSZ0018E  DSPSERV CREATE failed - Kernel cannot start

Explanation:  During Runtime Component System (RTCS) subsystem kernel
initialization, a DSPSERV CREATE macro instruction failed. RTCS initialization
terminates. Products that depend on RTCS will not be able to run.

User response:  Contact BMC Customer Support.

OSZ0019E  ALESERV ADD failed - Kernel cannot start

Explanation:  During Runtime Component System (RTCS) subsystem kernel
initialization, an ALESERV ADD macro instruction failed. RTCS initialization
terminates. Products that depend on RTCS will not be able to run.

User response:  Contact BMC Customer Support.

OSZ0020E  Cellarray constructor failed - Kernel cannot start

Explanation:  During Runtime Component System (RTCS) subsystem kernel
initialization, an internal function to construct a storage cell array failed. RTCS
initialization terminates. Products that depend on RTCS will not be able to run.

User response:  Contact BMC Customer Support.

OSZ0021E  Object system init failed - Kernel cannot start

Explanation:  During Runtime Component System (RTCS) subsystem kernel
initialization, an internal function to initialize the RTCS object subsystem failed.
RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

**OSZ0022I**  
**RTCS memory registry is now available**

*Explanation:* The RTCS memory registry has been activated and is now available to process requests for storage or retrieval of image-specific product or user configuration information. RTCS kernel initialization continues.

User response: No action is required.

**OSZ0023E**  
**VSMT GET_CELL failed - Kernel cannot start**

*Explanation:* During Runtime Component System (RTCS) subsystem kernel initialization, an internal function to get a storage cell for VSMT failed. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

**OSZ0024E**  
**Object instance GET_CELL failed - Kernel cannot start**

*Explanation:* During Runtime Component System (RTCS) subsystem kernel initialization, an internal function to get a storage cell for an object instance failed. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

**OSZ0025E**  
**PGM Manager vector table build failed - Kernel cannot start**

*Explanation:* During Runtime Component System (RTCS) subsystem kernel initialization, an internal function to build an RTCS Program Manager vector table failed. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

**OSZ0026E**  
**Object create failed for curr task - Kernel cannot start**

*Explanation:* During Runtime Component System (RTCS) subsystem kernel initialization, an internal function to create a task object instance for the current task failed. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

**OSZ0027E**  
**Object create failed foraddr space - Kernel cannot start**

*Explanation:* During Runtime Component System (RTCS) subsystem kernel initialization, an internal function to create an address space object instance for the current address space failed. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.
List Manager add failed for object - Kernel cannot start

Explanation: During Runtime Component System (RTCS) subsystem kernel initialization, an internal function to add an element for an object instance failed. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

Object management services now available

Explanation: The Runtime Component System (RTCS) subsystem kernel Object Manager has successfully completed initialization of the object management services on this MVS system.

User response: No action is required. This message can be used to trigger automation actions that depend on the availability of the RTCS subsystem.

RTCS Subsystem () is now available ASID=OSZA=OSZX=ASVT=

Explanation: The Runtime Component System (RTCS) subsystem kernel and all of its core components have completed initialization on this z/OS system.

User response: No action is required. This message can be used to trigger automation actions that depend on the availability of the RTCS subsystem address space.

Command was processed

Explanation: The previously entered RTCS subsystem command has been processed. RTCS command processing awaits entry of the next command.

User response: Review the response to the previously entered command.

Dynamic LPA add failed for OSZLPALB ALIASes - Kernel cannot start

Explanation: During Runtime Component System (RTCS) subsystem address space kernel initialization, RTCS was unable to dynamically add ALIAS names that are contained in module OSZLPALB to the MVS Link Pack Area (LPA). RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

RTCS Subsystem ABENDED- RSN=X" - diagnostic SVC dump scheduled

Explanation: An abend has occurred during normal Runtime Component System (RTCS) Subsystem initialization, and the ESTAEX recovery routine in OSZMOSYS has been given control by MVS. The abend code and accompanying reason code are reported in the message. A system dump will be scheduled. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.
OSZ0035I  RTCS ARR recovery elected to retry

Explanation: An abend in a Runtime Component System (RTCS) kernel or RTCS-dependent product function has caused the MVS Recovery/Termination Manager to give control to an RTCS subsystem ARR routine. The ARR routine has attempted to diagnose the circumstances and the location of the abend and has reported this information to the console and to the product. RTCS or the product function has specified that an abend retry routine be given control. If the retry is successful, additional messages will indicate the actual recovery actions that took place. If the retry is not successful, subsequent messages could indicate additional problems that occurred because of this abend.

User response: Review subsequent RTCS Recovery Manager messages for pertinent information. If the abend causes problems with an RTCS-dependent product, contact BMC Customer Support.

OSZ0036I  RTCS ARR recovery did not elect to retry

Explanation: An abend in a Runtime Component System (RTCS) kernel or RTCS-dependent product function has caused the MVS Runtime/Termination Manager to give control to an RTCS subsystem ARR routine. The ARR routine has attempted to diagnose the circumstances and the location of the abend and has reported this information to the console and to the product. RTCS or the product function has not specified an abend retry routine that is to be given control, or the RTCS ARR routine is unable to schedule an abend retry routine. The abend is elevated to a higher level function, which usually causes additional failures and messages.

User response: Review subsequent RTCS Recovery Manager messages for pertinent information. If the abend causes problems with an RTCS-dependent product, contact BMC Customer Support.

OSZ0037E  Initialization terminated - RTCS is already active on this system

Explanation: Only one copy of the Runtime Component System (RTCS) can be active on an MVS image at any time. This message is issued by the RTCS subsystem started task (STC) if it discovers that a control resource is already held by another address space on the same MVS image, which implies that RTCS has already been started or is already active.

The attempt to initialize the RTCS subsystem control address space in this started task is ignored, and OSZMOSYS terminates immediately.

User response: If the RTCS subsystem control address space started task is already active and the START command has been issued in error, no response is required. If you suspect a problem with the RTCS subsystem control address space, determine the current status of the RTCS subsystem started task by issuing the following command from an operator console (or any other suitable interface): F rtcs,STATUS, where rtcs is the original MVS subsystem ID (SSID) or the CSCB name specified when the RTCS subsystem address space STC was
started with a START progname.cscbname MVS operator command. If RTCS responds to the status command, no further diagnosis is required. If RTCS does not respond, contact BMC Customer Support.

**OSZ0038I**  
**RTCS shutdown request accepted**

*Explanation:* A request to shutdown the RTCS subsystem was received and has been accepted. The RTCS subsystem address space attempts to terminate.

*User response:* If the RTCS subsystem address space does not terminate, other messages will be issued. Correct any indicated problems and reenter the RTCS shutdown request.

**OSZ0039I**  
**Console command interface available for NNNNNNNN CScB=xxxxxxxxx**

*Explanation:* The RTCS operator console command interface that is executing in the indicated address space is ready to receive MODIFY (F) and STOP (P) operator commands by using the indicated CSCB name.

*User response:* Enter the appropriate MODIFY or STOP command by using the MVS F cscb,command syntax.

**OSZ0040E**  
**Function requires authorization but library is not APF-authorized**

*Explanation:* The application attempted to call a function whose environmental requirements imply that the function's executable code must be obtained from an APF-authorized library. The Runtime Component System (RTCS) determined that the copy in storage was not obtained from an authorized library, so the function cannot be executed.

RTCS allows client applications to run in privileged conditions (in a system PSW key, in supervisor state, and APF-authorized), provided that the client application is packaged in an APF-authorized library. If the library is not APF-authorized, RTCS rejects the call and issues this message. The application receives a return code of 8 or higher and a primary or secondary reason code of X'000A'.

*User response:* Determine which application is encountering the error and whether its library should have been authorized. Inspect RTCS reports to identify the load module and function in error. You might have to scan the load libraries allocated to the application's address space to determine the library that loaded the module. If the library is expected to be authorized, ensure that it has not been inadvertently concatenated with a non-authorized library. If the library is not expected to be authorized and the error occurs in production code, report the error to the software vendor. If the error occurs in development code, evaluate the function that encountered the error and correct it. In particular, you must ensure that the application is reentrant.
OSZ0041E  RTCS Initiator VER xxxx PTF xxxx initialization

Explanation: The Runtime Component System (RTCS) Initiator address space has started to initialize the RTCS subsystem on this MVS image. RTCS Initiator initialization proceeds normally.

User response: No action is required.

OSZ0042E  Initialization terminated, OSZSIRIS not entered in key zero nor in APF-authorized library

Explanation: The Runtime Component System (RTCS) Initiator started task routine, OSZSIRIS, was not invoked in key zero (as recommended) nor from an APF-authorized library (as required). For OSZSIRIS to be invoked properly, an appropriate MVS Program Properties Table (PPT) entry must exist in a SCHEDxx member in a logical PARMLIB data set on the MVS image where RTCS is started. Although a PPT entry for OSZSIRIS is recommended, a specific PPT entry for OSZMOSYS is required. This required entry ensures that MVS assigns the correct address space properties to the RTCS subsystem address space.

RTCS Initiator address space initialization terminates. Any products that depend on RTCS will not be able to run.

User response: Ensure that the required PPT entries for RTCS are in effect on this MVS image, or that the RTCS Program Library is APF-authorized. Include the PPT entries in some SCHEDxx member of either a logical PARMLIB data set or SYS1.PARMLIB. Specify the SCHEDxx member name suffix, xx, on the SCH operand of an appropriate IEASYSnn member of PARMLIB. If required, re-IPL the MVS image. The SCHEDxx member will be read from the logical PARMLIB data set and the PPT will be rebuilt in storage. To avoid having to re-IPL, you can use the SET SCH=xx operator command. This command causes the indicated SCHEDxx member suffixes to become effective temporarily (until either the next SET command is issued or the system is re-IPLed). The following example of a SET SCH=xx operator command would cause MVS to rebuild the PPT by using SYS1.PARMLIB or logical PARMLIB members SCHED00 and SCHEDRT:

```
SET SCH=(00,RT)
```

To which MVS responds with the following message:

```
IEE252I MEMBER SCHED00 FOUND IN SYS1.PARMLIB
IEE252I MEMBER SCHEDRT FOUND IN SYS1.PARMLIB
IEE536I SCH VALUE RT NOW IN EFFECT
```

Ensure that all data sets in the //STEPLIB DD concatenation of the started task JCL are APF-authorized. To APF-authorize a data set, it must have an entry in
one of the PROGnn members of SYS1.PARMLIB; for example, an entry for a non-SMS-managed PDSE might look like this:

```
APF ADD
DSNAME(SYS1.SYSA.OSZRTCS)
VOLUME(SYSPVA)
```

If the data set is actually a PDSE library on an SMS-managed volume, the entry for it might look like this:

```
APF ADD
DSNAME(SYS2.RTCS.OSZRTCS)
SMS
```

To APF-authorize a data set without having to re-IPL the MVS image, use the SETPROG operator command. The following example would APF-authorize the data set for a non-SMS-managed PDSE:

```
SETPROG APF,ADD,DSNAME=SYS1.SYSA.OSZRTCS,VOLUME=SYSPVA
```

To which MVS responds with the following message:

```
CSV410I DATA SET SYS1.SYSA.OSZRTCS ON VOLUME SYSPVA ADDED TO APF LIST
```

If you allocated the RTCS subsystem PDSE program library (TOSZRTCS) on an SMS-managed volume, you would use the following SETPROG command:

```
SETPROG APF,ADD,LIBRARY=SYS2.RTCS.OSZRTCS,SMS
```

To which MVS responds with the following message:

```
CSV410I SMS-MANAGED DATA SET SYS2.RTCS.OSZRTCS ADDED TO APF LIST
```

**OSZ0043E**

**The required PPT (SCHEDxx) entries for RTCS are not in effect**

*Explanation:* This message is issued after OSZ0042 (from OSZSIRIS) or after OSZ0061 (from OSZMOSYS and OSZMRTCS), to indicate that the required MVS Program Properties Table (PPT) entries in SYS1.PARMLIB(SCHEDxx) are not in effect on the MVS image on which RTCS is being started. RTCS Initiator address space or RTCS subsystem control address space kernel initialization terminates. Any products that depend on RTCS will not be able to run.

*User response:* Ensure that the required PPT entries for RTCS are in effect on this MVS image. Include the PPT entries in some SCHEDxx member of either a logical PARMLIB data set or SYS1.PARMLIB. Specify the SCHEDxx member name suffix, xx, on the SCH operand of an appropriate IEASYSnn member of PARMLIB. If required, re-IPL the MVS image. The SCHEDxx member will be read from PARMLIB and the PPT will be rebuilt in storage. To avoid having to re-IPL, you can use the SET SCH=xx operator command. This command causes the indicated SCHEDxx member suffixes to become effective temporarily (until either the next SET command is issued or the system is re-IPLed). The following example of a SET SCH=xx operator command would cause MVS to
rebuild the PPT by using SYS1.PARMLIB or logical PARMLIB members SCHED00 and SCHEDRT:

```
SET SCH=(00,RT)
```

To which MVS responds with the following message:

```
IEE252I MEMBER SCHED00 FOUND IN SYS1.PARMLIB
IEE252I MEMBER SCHEDRT FOUND IN SYS1.PARMLIB
IEE536I SCH VALUE RT NOW IN EFFECT
```

Ensure that all data sets in the //STEPLIB DD concatenation of the started task JCL are APF-authorized. To APF-authorize a data set, it must have an entry in one of the PROGnn members of SYS1.PARMLIB; for example, an entry for a non-SMS-managed PDSE might look like this:

```
APF ADD
DSNAME(SYS1.SYSA.OSZRTCS)
VOLUME(SYSPVA)
```

If the data set is actually a PDSE library on an SMS-managed volume, the entry for it might look like this:

```
APF ADD
DSNAME(SYS2.RTCS.OSZRTCS)
SMS
```

To APF-authorize a data set without having to re-IPL the MVS image, use the SETPROG operator command. The following example would APF-authorize the data set for a non-SMS-managed PDSE:

```
SETPROG APF,ADD,DSNAME=SYS1.SYSA.OSZRTCS,VOLUME=SYSPVA
```

To which MVS responds with the following message:

```
CSV410I DATA SET SYS1.SYSA.OSZRTCS ON VOLUME SYSPVA ADDED TO APF LIST
```

If you allocated the RTCS subsystem PDSE program library (TOSZRTCS) on an SMS-managed volume, you would use the following SETPROG command:

```
SETPROG APF,ADD,LIBRARY=SYS2.RTCS.OSZRTCS,SMS
```

To which MVS responds with the following message:

```
CSV410I SMS-MANAGED DATA SET SYS2.RTCS.OSZRTCS ADDED TO APF LIST
```

**OSZ0044E**

**DLL import failed for:**

**Explanation:** A DLL import dependency could not be resolved for the Runtime Component System (RTCS). The name of the DLL (RTCS package) and function that were required are provided in the message. The RTCS Program Manager
terminates the loading and activation of the RTCS package that initiated the DLL resolution and reports an error to the requestor.

User response: This error is probably caused by a programming error that caused an inconsistency between the DLL and the caller. Ensure that the function name is the same for the importer and the DLL, and that the function indicated in the message is not exported from the DLL.

OSZ0045E  RTCS memory registry activation failed
Explanation: The RTCS memory registry could not be activated, and the RTCS subsystem initialization cannot proceed. The RTCS kernel initialization terminates.
User response: Contact BMC Customer Support.

OSZ0046E  Invalid parameter in START command or EXEC PARM= field
Explanation: The Runtime Component System (RTCS) Initiator started task has detected that an invalid, unsupported, or inconsistent parameter was specified either in the PARM field of the EXEC JCL statement of the OSZINIT started task PROC, or in the fourth positional parameter of the START command (for example, START OSZINIT,,,(COLD=Y)). The RTCS Initiator terminates. The RTCS subsystem address space is not started.
User response: Check for and correct any errors in the PARM field or START command. Restart the RTCS Initiator started task.

OSZ0047E  DEBUG request is invalid or XDC not LOADed
Explanation: The Runtime Component System (RTCS) Initiator started task (PGM=OSZSIRIS) failed to establish a DEBUG mode environment either because it was unable to LOAD the XDC load module into global storage, or because a DEBUG mode RTCS kernel was not installed. A DEBUG mode RTCS kernel cannot be installed at a customer site because the components that would make it work are not shipped to customers. Any attempt to establish a DEBUG mode environment will be rejected.

The RTCS Initiator terminates and he RTCS subsystem address space is not started.

User response: If this message is issued at a customer site, remove the DEBUG=Y specification from the RTCS Initiator started task PROC EXEC statement PARM field, the RTCS Initiator START command parameter field (the fourth operand), the RTCS logical Parmlib member, or the //PARMLIB DD statement data set or member.

OSZ0048E  The RTCS Initiator (OSZSIRIS) must be run as the initial job step in a started task.
Explanation: The Runtime Component System (RTCS) Initiator initialization program, OSZSIRIS, was not started as the first program to be executed in an MVS started task (STC) step. The OSZSIRIS program must be executed in an
STC as the initial job step program to have its properties properly established by the Program Properties Table (PPT) entry that is configured in SYS1.PARMLIB(SCHEDnn) for this MVS system image. OSZSIRIS must be invoked with a JCL EXEC statement that is part of a started task JCL procedure that is executed by an MVS START command, such as //RTCS EXEC PGM=OSZSIRIS.

RTCS Initiator initialization terminates. The RTCS subsystem address space will not be automatically started. Products that depend on RTCS will not be able to run.

User response: Ensure that you are attempting to initialize the RTCS subsystem as an MVS started task (STC) and that the JCL procedure that you are using to start RTCS contains only one step (that is, one EXEC statement that invokes OSZMOSYS).

OSZ0049W Dynamic LPA add failed for- continuing
Explanation: During Runtime Component System (RTCS) subsystem kernel initialization, a dynamic LPA add request for the indicated module (which could be OSZLIBC, OSZLIBM, or OSZGCC2) failed. This error is nonfatal. RTCS initialization continues. Products that depend on the RTCS C Library might not be able to execute.
User response: Contact BMC Customer Support.

OSZ0050I RTCS Allocator VER xxxx PTF xxxx initialization
Explanation: The Runtime Component System (RTCS) Allocator routine has started the initialization of the RTCS subsystem address space.

RTCS subsystem production library dynamic allocation and kernel initialization routine processing proceeds normally.

User response: No action is required.

OSZ0051E Invalid recovery parameter - terminating
Explanation: During Runtime Component System (RTCS) Initiator processing, an abend occurred, and the ESTAEX recovery routine in OSZSIRIS has been given control by MVS. The SDWAPARM that was passed to the ESTAEX recovery routine does not properly point to the IRIS work area. The RTCS Initiator terminates.
User response: Contact BMC Customer Support.

OSZ0052E Dynamic LPA add for OSZMOSYS failed
Explanation: During Runtime Component System (RTCS) Initiator address space processing, a dynamic LPA add request for the RTCS Allocator routine, OSZMOSYS, failed. RTCS Initiator processing terminates. The RTCS subsystem...
address space is not started. Products that depend on RTCS will not be able to execute.

**User response:** Contact BMC Customer Support.

**OSZ0054E**

**RTCS Initiator ABENDED- RSN=X'' - diagnostic SVC dump scheduled**

**Explanation:** An abend has occurred during Runtime Component System (RTCS) Initiator processing, and the ESTAEX recovery routine in OSZSIRIS has been given control by MVS. The abend code and accompanying reason code are reported in the message. A system dump will be scheduled. RTCS Initiator processing terminates.

**User response:** Contact BMC Customer Support.

**OSZ0055I**

**RTCS Initiator has started the RTCS Subsystem address space**

**Explanation:** The Runtime Component System (RTCS) Initiator, OSZSIRIS, has completed all processing and has issued a START command internally to the RTCS subsystem control address space by using the master subsystem.

**User response:** No action is required. This message should not be used to trigger automation actions that depend on the RTCS subsystem control address space started task. After the RTCS subsystem control address space initializes, it will issue messages (for example, message OSZ00005) that can be used for automation purposes.

**OSZ0056E**

**DSNAME for DDNAME=REGISTRY could not be determined**

**Explanation:** Because of an unspecified error, the DSNAME of the data set allocated to ddname REGISTRY cannot be determined by the Runtime Component System (RTCS) Initiator (OSZSIRIS). RTCS Initiator address space processing terminates. Products that depend on RTCS will not be able to run.

**User response:** Contact BMC Customer Support.

**OSZ0057E**

**DSNAME for DDNAME=could not be determined**

**Explanation:** Because of an unspecified error, the DSNAME of the data set allocated to the indicated ddname, such as STEPLIB or TASKLIB, cannot be determined by the Runtime Component System (RTCS) Initiator (OSZSIRIS). RTCS Initiator address space processing terminates. Products that depend on RTCS will not be able to run.

**User response:** Contact BMC Customer Support.

**OSZ0058E**

**DDNAME=REGISTRY not allocated (missing DD statement)**

**Explanation:** The Runtime Component System (RTCS) Initiator (OSZSIRIS) is unable to locate a DD statement for ddname REGISTRY; therefore, the DSNAME of the RTCS system registry VSAM linear data set cannot be determined. RTCS Initiator address space processing terminates. Products that depend on RTCS will not be able to run.

**User response:** Ensure that the started task (STC) PROC JCL for the RTCS Initiator (OSZSIRIS) address space (PROC OSZINIT) has a DD statement for
ddname REGISTRY, which specifies the VSAM linear data set designated to support the RTCS system registry. If the PROC for the RTCS Initiator has a REGISTRY DD statement, contact BMC Customer Support.

**OSZ0059E**  
**DDNAME=not allocated (missing DD statement)**  
*Explanation:* The Runtime Component System (RTCS) Initiator (OSZSIRIS) is unable to locate a DD statement for the indicated ddname (usually STEPLIB or TASKLIB). As a result, the DSNAME of the RTCS subsystem Program Library PDSE (SMP/E target library TOSZRTCS), or the RTCS Product Program Library PDSE (SMP/E target library TOSZLINK), cannot be determined. RTCS Initiator address space processing terminates. Products that depend on RTCS will not be able to run.

*User response:* Ensure that the started task (STC) PROC JCL for the RTCS Initiator (OSZSIRIS) address space (PROC OSZINIT) has a DD statement for ddname STEPLIB and a DD statement for ddname TASKLIB. If the PROC for the RTCS Initiator has both STEPLIB and TASKLIB DD statements, contact BMC Customer Support.

**OSZ0060I**  
**RTCS Initiator has terminated**  
*Explanation:* The Runtime Component System (RTCS) Initiator, OSZSIRIS, has completed termination processing. The RTCS Initiator address space has terminated.

*User response:* No action is required.

**OSZ0061E**  
**Initialization terminated - MVS PPT did not assign key zero**  
*Explanation:* The Runtime Component System (RTCS) subsystem started task Allocator routine, OSZMOSYS, or the RTCS subsystem started task kernel initialization routine, OSZMRTCS, was not invoked in key zero as required. For OSZSIRIS to be invoked properly, an appropriate MVS Program Properties Table (PPT) entry must exist in a SCHEDxx member in a logical PARMLIB data set on the MVS image where RTCS is started. Although a PPT entry for OSZSIRIS is recommended, a specific PPT entry for OSZMOSYS is required. This required entry ensures that MVS assigns the correct address space properties to the RTCS subsystem address space.

Message OSZ0043E is issued immediately following this message and RTCS subsystem address space initialization or RTCS Allocator processing terminates. Any products that depend on RTCS will not be able to run.

*User response:* Ensure that the required PPT entries for RTCS are in effect on this MVS image. Include the PPT entries in some SCHEDxx member of either a logical PARMLIB data set or SYS1.PARMLIB. Specify the SCHEDxx member name suffix, xx, on the SCH operand of an appropriate IEASYSnn member of PARMLIB. If required, re-IPL the MVS image. The SCHEDxx member will be read from PARMLIB and the PPT will be rebuilt in storage. To avoid having to re-IPL, you can use the SET SCH=xx operator command. This command causes the indicated SCHEDxx member suffixes to become effective temporarily (until
either the next SET command is issued or the system is re-IPLed). The following example of a SET SCH=xx operator command would cause MVS to rebuild the PPT by using SYS1.PARMLIB or logical PARMLIB members SCHED00 and SCHEDRT:

```
SET SCH=(00,RT)
```

To which MVS responds with the following message:

```
IEE252I MEMBER  SCHED00 FOUND IN SYS1.PARMLIB
IEE252I MEMBER  SCHEDRT FOUND IN SYS1.PARMLIB
IEE536I SCH     VALUE RT NOW IN EFFECT
```

Ensure that all data sets in the //STEPLIB DD concatenation of the started task JCL are APF-authorized. To APF-authorize a data set, it must have an entry in one of the PROGnn members of SYS1.PARMLIB; for example, an entry for a non-SMS-managed PDSE might look like this:

```
APF ADD
DSNAME(SYS1.SYSA.OSZRTCS)
VOLUME(SYSPVA)
```

If the data set is actually a PDSE library on an SMS-managed volume, the entry for it might look like this:

```
APF ADD
DSNAME(SYS2.RTCS.OSZRTCS)
SMS
```

To APF-authorize a data set without having to re-IPL the MVS image, use the SETPROG operator command. The following example would APF-authorize the data set for a non-SMS-managed PDSE:

```
SETPROG APF,ADD,DSNAME=SYS1.SYSA.OSZRTCS,VOLUME=SYSPVA
```

To which MVS responds with the following message:

```
CSV410I DATA SET SYS1.SYSA.OSZRTCS ON VOLUME SYSPVA ADDED TO APF LIST
```

If you allocated the RTCS subsystem PDSE program library (TOSZRTCS) on an SMS-managed volume, you would use the following SETPROG command:

```
SETPROG APF,ADD,LIBRARY=SYS2.RTCS.OSZRTCS,SMS
```

To which MVS responds with the following message:

```
CSV410I SMS-MANAGED DATA SET SYS2.RTCS.OSZRTCS ADDED TO APF LIST
```

**OSZ0062E**

**DYNALLOC ERROR**

**Explanation:** In an attempt to dynamically allocate a data set, the Runtime Component System (RTCS) has encountered an error in the MVS DYNALLOC service.
If this message is issued during RTCS Initiator or RTCS Allocator processing, the RTCS subsystem is not started. Products that depend on RTCS will not be able to run. If this message is issued during the execution of an RTCS utility program, such as the Registry Import Utility or the Product Authorization Table Library Update Utility, the utility program might terminate. If this message is issued during the processing of an operator command, processing of the operator command might be terminated.

User response: The reason for a failure in dynamic allocation is usually a problem with the data set, the volume on which it resides, or the catalog in which it is cataloged. Determine the cause of the problem from the DYNALLOC return code and error status information provided. After the problem is corrected, perform one of the following actions:

- restart the RTCS initiator
- resubmit the job to execute the RTCS utility
- reissue the operator command

If the cause of the problem cannot be determined, contact BMC Customer Support.

OSZ0063I  **SECTRACE() is now in effect**  
**Explanation:** In response to an F RTCS,SECTRACE,option operator command, RTCS has changed the value of the global Security Manager trace option. The new value is indicated in the message. Processing continues with the new global SECTRACE setting.

User response: No action is required. The SECTRACE setting remains in effect until another F RTCS,SECTRACE,option command is entered or the MVS system is re-IPLed and RTCS is restarted. If RTCS is restarted, the value that is specified in the Global Security Parameters registry structure takes effect.

OSZ0064E  **DDNAME=REGISTRY not allocated (missing DD statement)**  
**Explanation:** The Runtime Component System (RTCS) Allocator (OSZMOSYS) is unable to locate a DD statement for ddname REGISTRY.

RTCS Allocator processing continues. The RTCS system registry will not be available. As a consequence, some RTCS subsystem facilities will not be fully functional, and most products that depend on RTCS will not be able to run.

User response: This message indicates a problem with the production environment, such as OSZMOSYS was started with a STEPLIB DD statement pointing to the RTCS subsystem library or OSZSIRIS was not started prior to OSZMOSYS. If a problem with the environment cannot be found, contact BMC Customer Support.
**OSZ0065E**  
**DDNAME=not allocated (missing DD statement)**  

*Explanation:* A Runtime Component System (RTCS) function or utility program is unable to locate a DD statement for the specified ddname.

If this message is issued during RTCS Allocator processing, the RTCS subsystem is not started. Products that depend on RTCS will not be able to run. If this message is issued during the execution of an RTCS utility program, such as the Registry Import Utility or the Product Authorization Table Library Update Utility, the utility program might terminate. If this message is issued during the processing of an operator command, processing of the operator command might be terminated.

*User response:* This message indicates a problem with the production environment, such as OSZMOSYS was started with a STEPLIB DD statement pointing to the RTCS subsystem library or OSZSIRIS was not started prior to OSZMOSYS. If a problem with the environment cannot be found, contact BMC Customer Support.

If the problem occurred during execution of an RTCS utility program, correct the ddname specified in the utility control statement or add the missing DD statement to the JCL, and resubmit the job to execute the RTCS utility. If the problem occurred during the processing of an operator command, contact BMC Customer Support. If the cause of the problem cannot be determined, contact BMC Customer Support.

**OSZ0066E**  
**Dynamic allocation error - unable to allocate DDNAME=**  

*Explanation:* A Runtime Component System (RTCS) function or utility program was unable to dynamically allocate the required data set to the specified ddname. If this message is issued during RTCS subsystem initialization, RTCS Allocator processing terminates and RTCS subsystem initialization does not take place. Products that depend on RTCS will not be able to run.

If this message is issued during the execution of an RTCS utility program, such as the Registry Import Utility or the Product Authorization Table Library Update Utility, the utility program might terminate. If this message is issued during the processing of an operator command, processing of the operator command might be terminated.

*User response:* The reason for a failure in dynamic allocation is usually a problem with the data set, the volume on which it resides, or the catalog in which it is cataloged. Determine the cause of the problem from the DYNALLOC return code and error status information provided. After the problem is corrected, perform one of the following actions:

- restart the RTCS initiator
- resubmit the job to execute the RTCS utility
- reissue the operator command

If the cause of the problem cannot be determined, contact BMC Customer Support.

**OSZ0067E**  
**Dynamic allocation error - unable to allocate DDNAME=TASKLIB**

*Explanation*: The Runtime Component System (RTCS) Allocator was unable to dynamically allocate the RTCS subsystem Program Library PDSE data set that was previously allocated to the STEPLIB DD statement in the RTCS Initiator address space. RTCS Allocator processing terminates, and RTCS subsystem initialization does not take place. Products that depend on RTCS will not be able to run.

*User response*: The reason for a failure in dynamic allocation is usually a problem with the data set, the volume on which it resides, or the catalog in which it is cataloged. Determine the cause of the problem from the DYNALLOC return code and error status information provided in message OSZ0062E. Correct the problem and restart the RTCS Initiator. If the cause of the problem cannot be determined, contact BMC Customer Support.

**OSZ0068E**  
**Unable to OPEN RTCS Subsystem Program Library**

*Explanation*: The Runtime Component System (RTCS) Allocator was unable to open the RTCS subsystem program library PDSE that is allocated to the TASKLIB DD statement in the RTCS subsystem address space. RTCS Allocator processing terminates, and RTCS subsystem initialization does not take place. Products that depend on RTCS will not be able to run.

*User response*: Check for the following possible causes of a failure to open:

- the data set is not a PDSE program library
- an incorrect DSNAME was provided
- the External Security Manager (ESM) denied READ access to the program library

Correct the problem and restart the RTCS Initiator. If the cause of the problem cannot be determined, contact BMC Customer Support.

**OSZ0069I**  
**//DD DISP=,DSN=**

*Explanation*: The indicated data set has been dynamically allocated with the indicated disposition to the indicated ddname. Runtime Component System (RTCS) Allocator processing continues.

*User response*: No action is required.

**OSZ0070I**  
**RTCS Subsystem data sets were preallocated**

*Explanation*: The Runtime Component System (RTCS) Allocator has determined that the required RTCS subsystem data sets were preallocated in
the JCL of the started task (STC) PROC that was used to start the RTCS subsystem address space. RTCS Allocator processing terminates and invokes RTCS subsystem address space kernel initialization.

**User response:** Because the RTCS Allocator's purpose is to dynamically allocate the required data sets to the RTCS subsystem address space, this message should not occur in a production environment. However, if it is necessary to explicitly allocate the required data sets in the RTCS subsystem started task PROC JCL, this message confirms that the allocation was completed properly.

**OSZ0071I**  
RTCS Subsystem dynamic allocation complete

*Explanation:* The Runtime Component System (RTCS) Allocator has completed the dynamic allocation of the required RTCS subsystem address space data sets. RTCS Allocator processing terminates and invokes RTCS subsystem address space kernel initialization.

*User response:* No action is required.

**OSZ0072I**  
RTCS Allocator Job Step task terminating

*Explanation:* The Runtime Component System (RTCS) subsystem kernel has terminated on this MVS system and the RTCS Allocator has completed processing. The RTCS Allocator will terminate the job step task, which was created when the RTCS subsystem address space was started.

*User response:* No action is required.

**OSZ0073E**  
Initialization terminated - RTCS must START under the Master Subsystem (SUB=MSTR)

*Explanation:* The RTCS subsystem control address space started task must be started under the MVS master (MSTR) subsystem. This action is necessary because RTCS is a long-running system task that never terminates. RTCS subsystem initialization has detected that the started task in which it is executing was not started under the MVS master subsystem. The attempt to initialize the RTCS subsystem control address space in this started task is ignored, and OSZMOSYS terminates immediately. Products that depend on RTCS will not be able to run.

*User response:* If the RTCS subsystem control address space started task was not started under the master subsystem because SUB=MSTR was inadvertently omitted from the START command, reissue the START command with the addition of SUB=MSTR. If a valid START proc.ssid,SUB=MSTR command was entered, contact BMC Customer Support.

**OSZ0075E**  
Invalid recovery parameter - terminating

*Explanation:* During Runtime Component System (RTCS) Allocator processing, an abend has occurred, and the ESTAEX recovery routine in OSZMOSYS has been given control by MVS. However, the SDWAPARM that was passed to the ESTAEX recovery routine does not properly point to the MOSY work area. The RTCS Allocator terminates.

*User response:* Contact BMC Customer Support.
**OSZ0076E**  
**RTCS Allocator ABENDed- RSN=X'"" - diagnostic SVC dump scheduled**  
*Explanation:* An abend has occurred during Runtime Component System (RTCS) Allocator processing, and the ESTAEX recovery routine in OSZMOSYS has been given control by MVS. The abend code and the accompanying reason code are reported in the message. A system dump will be scheduled. RTCS Allocator processing terminates.  
*User response:* Contact BMC Customer Support.  

**OSZ0077E**  
**Unable to OPEN RTCS Product Program Library**  
*Explanation:* The Runtime Component System (RTCS) subsystem address space Allocator (OSZMOSYS) was unable to open a DCB for the RTCS Product Program Library. RTCS subsystem initialization does not continue. Products that depend on RTCS will not be able to run.  
*User response:* A failure in an OPEN command for a program library PDSE is usually due to a problem with the data set or the volume on which it resides. Determine the cause of the problem from any MVS OPEN or DFSMS messages that might have been issued. After the problem has been corrected, restart the RTCS Initiator.  

**OSZ0078E**  
**RTCS system registry activation failed**  
*Explanation:* The Runtime Component System (RTCS) system registry initialization failed during RTCS subsystem address space initialization, and the registry component is not available. The RTCS kernel cannot continue initialization until this problem is resolved.  
*User response:* Resolve the problem indicated by prior messages, and then restart the RTCS kernel.  

**OSZ0079I**  
**RTCS system registry is now available**  
*Explanation:* The Runtime Component System (RTCS) system registry has been activated and is now available to process requests for storage or retrieval of image-specific product or user configuration information. RTCS kernel initialization continues.  
*User response:* No action is required.  

**OSZ0080E**  
**Overlay protection could not be established for the RTCS Kernel**  
*Explanation:* The Runtime Component System (RTCS) kernel is loaded into common storage with a protection key of zero, which ensures that it cannot be overlaid by any program that is not executing in PSW key zero. RTCS attempts to use the page protection service to write-protect the kernel to prevent all overlays. RTCS was unable to determine the range of virtual pages occupied by the RTCS kernel module, so the kernel module cannot be protected from overlays by key zero programs.
Initialization continues, but the kernel is not protected from overlays by programs executing in PSW key zero.

User response: No action is required.

**OSZ0081E**  
**Program object OSZKERNL missing - RTCS cannot start**

*Explanation:* The Runtime Component System (RTCS) kernel program object, OSZKERNL, could not be loaded from the RTCS subsystem program library (defined by the STEPLIB DD statement in the RTCS Initiator started task PROC JCL) or from the data set that is allocated to the TASKLIB DD statement in the RTCS subsystem started task PROC JCL.

RTCS subsystem address space kernel initialization terminates. Products that depend on RTCS will not be able to run.

User response: Ensure that RTCS has been installed correctly and that the correct SMP/E target or production library (TOSZRTCS) is specified in the STEPLIB DD statement in the RTCS Initiator address space started task PROC.

**OSZ0082E**  
**Program object OSZKERNL entry point invalid**

*Explanation:* The Runtime Component System (RTCS) subsystem kernel program object contains sections that must have been bound in the correct order to operate correctly; however, the program object that was loaded did not have the correct entry point and cannot be used. The kernel address space terminates. Products that depend on RTCS will not be able to run.

User response: Ensure that RTCS has been installed correctly and that the correct SMP/E target or production library (TOSZRTCS) is specified in the STEPLIB DD statement. If you installed RTCS using SMP/E, you can also check to ensure that the RTCS kernel program object (OSZKERNL) was bound correctly with the JCLIN supplied by BMC as part of the SMP/E FUNCTION SYSMOD (for example, ZOSZ111); the JCLIN must include the ORDER OSZKERNL binder directive before any other binder directives.

**OSZ0083E**  
**Variable services initialization failed - Kernel cannot start**

*Explanation:* During Runtime Component System (RTCS) subsystem kernel initialization, variable (directory) services failed to initialize correctly. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

**OSZ0084E**  
**Invalid CIB or START command parameters**

*Explanation:* An operator command buffer (CIB) passed to the Runtime Component System (RTCS) Initiator or to the RTCS subsystem address space contains an invalid or unexpected CIBVERB code, the START command contains parameters that are not recognized by the RTCS Initiator (PGM=OSZSIRIS), or RTCS subsystem initialization (PGM=OSZMOSYS has been invoked in an address space by means other than an MVS operator START command.
RTCS Initiator or RTCS subsystem address space initialization terminates. Products that depend on RTCS will not be able to run.

**User response:** If you cannot determine the cause of the problem, contact BMC Customer Support.

### OSZ0085E

**<message text>**

**Explanation:** This message ID (which can be information, warning, or error) is used by various Runtime Component System (RTCS) components when the message generation infrastructure is not available or has itself failed, or when it is not possible to assign a correct message ID to the message. This mechanism is used to ensure that the message and as much text as is available is issued, and will not be lost because of an error condition. This message ID is also used for messages that normally appear only during special circumstances, such as diagnostic traps and debugging traces. These messages are usually not issued at customer sites unless a customer is performing diagnostic actions at the request of BMC Customer Support.

Processing continues. The message might indicate that other actions have already occurred or are going to take place.

**User response:** If the reason this message is being issued is not known, contact BMC Customer Support. Usually this message will be issued under diagnostic and debugging scenarios, and the entire SYSLOG message stream will be forwarded to BMC Customer Support, including the text of this message.

### OSZ0086I

**<message text>**

**Explanation:** Each PARMLIB input statement is listed on the console under this message ID, if any of the following conditions are true:

- **LIST=Y** is specified on the Runtime Component System (RTCS) Initiator START command
- **LIST=Y** is specified in the RTCS Initiator started task PROC (OSZINIT) EXEC statement PARM= field
- **LIST** option is specified in the RTCS Initiator logical PARMLIB input

Processing continues normally.

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

### OSZ0087E

**Invalid parameter in PARMLIB member line**

**Explanation:** The Runtime Component System (RTCS) Initiator (usually, PROC OSZINIT) logical PARMLIB member input contains an invalid parameter. The subsequent OSZ0085E message will display the line in error and highlight the invalid parameter. Processing of the PARMLIB member continues, and additional errors (if any) will be displayed. After PARMLIB member processing
is completed, RTCS Initiator address space processing terminates. Products that
depend on RTCS will not be able to run.

User response: Correct the errors in the PARMLIB member and start the RTCS
Initiator (OSZSIRIS) address space again. If you cannot determine the cause of
the error, contact BMC Customer Support.

OSZ0088I Processing PARMLIB member

Explanation: The Runtime Component System (RTCS) Initiator is obtaining
RTCS initialization parameters from the indicated logical PARMLIB data set
member. The default member name is OSZINIT. This name can be changed by
specifying the INIT parameter (the fourth positional parameter) on the RTCS
Initiator START command (for example, START OSZINIT,,
(INIT=RTCSPARM)), or in the RTCS Initiator started task PROC JCL EXEC
statement PARM field. Processing continues normally.

User response: No action is required.

OSZ0089I Logical PARMLIB member processed successfully

Explanation: The Runtime Component System (RTCS) Initiator successfully
processed all of the RTCS initialization parameters from the logical PARMLIB
data set member name that was previously indicated in message OSZ0088I.
Processing continues normally.

User response: No action is required.

OSZ0090E Error in Logical PARMLIB member - RTCS initialization failed

Explanation: The Runtime Component System (RTCS) Initiator (usually, PROC
OSZINIT) logical PARMLIB member was not found, or it contains at least one
invalid parameter. RTCS Initiator address space processing terminates.
Products that depend on RTCS will not be able to run.

User response: This message should have been preceded by one or more
OSZ0092E, OSZ0087E, or OSZ0085E messages that describe the problem in
greater detail. If you are unable to determine the cause of the problem from
these messages, contact BMC Customer Support.

OSZ0091E Error in IEFPRMLB service - RC=RSN=

Explanation: The Runtime Component System (RTCS) Initiator (usually, PROC
OSZINIT) logical PARMLIB member processing routine received an
unexpected return code or reason code from the MVS logical PARMLIB
Support routine, IEFPRMLB. RTCS Initiator address space processing
terminates. Products that depend on RTCS will not be able to run.

User response: Correct the error indicated by the IEFPRMLB service routine,
and START the RTCS Initiator (OSZSIRIS) address space again. If you cannot
determine the cause of the error, contact BMC Customer Support.
OSZ0092E  Member not found in Logical PARMLIB data set

Explanation:  The Runtime Component System (RTCS) Initiator attempted to read RTCS initialization parameters from the logical PARMLIB data set member name indicated. However, the member was not found in the data set allocated to ddname PARMLIB or the MVS logical PARMLIB data set or concatenation. The default member name is OSZINIT. This name can be changed by specifying the INIT parameter (the fourth positional parameter) on the RTCS Initiator START command (for example, START OSZINIT,,, (INIT=RTCSPARM)), or in the RTCS Initiator started task PROC JCL EXEC statement PARM field.

RTCS Initiator address space processing terminates. Products that depend on RTCS will not be able to run.

User response:  Specify a different member name.

OSZ0093E  Unable to allocate DSN=

Explanation:  Because of an error, probably in Dynamic Allocation, the indicated DSNAME could not be allocated successfully by the Runtime Component System (RTCS).

Depending upon which data set could not be allocated, RTCS Initiator address space processing or RTCS subsystem address space initialization might terminate. If so, products that depend on RTCS will not be able to run. If this message was issued by an RTCS utility program, or in response to an RTCS operator command, processing might or might not continue normally, depending upon circumstances.

User response:  This problem can be caused by a data set being allocated to some other job or TSO user. If you cannot resolve the problem, contact BMC Customer Support.

OSZ0094E  Initialization failed,= not specified in Logical PARMLIB

Explanation:  RTCS initialization cannot proceed because the required parameter was not specified in the logical PARMLIB member. Depending upon which parameter is indicated, RTCS Initiator address space processing or RTCS subsystem address space initialization terminates. Products that depend on RTCS will not be able to run.

User response:  Specify the indicated parameter in the RTCS Initiator logical PARMLIB member. If you cannot resolve the problem, contact BMC Customer Support.

OSZ0095E  Unable to allocate

Explanation:  RTCS initialization cannot proceed because RTCS was unable to allocate a required library. Depending upon which library is indicated, RTCS
Initiator address space processing or RTCS subsystem address space initialization terminates. Products that depend on RTCS will not be able to run.

User response: Correct the DSNAME of the indicated library in the RTCS Initiator logical PARMLIB member, or correct the problem that prevented RTCS from dynamically allocating the library. If you cannot resolve the problem, contact BMC Customer Support.

OSZ0096I  
\[ \text{parameter} = \text{value} \]

Explanation: This message documents the RTCS Initialization parameters that are currently in effect and indicates whether they were explicitly specified or the default value. Processing continues normally.

User response: Examine the listed parameters for their expected values.

OSZ0097I  
RTCS START command:

Explanation: The RTCS Initiator is operating in Installation Verification Procedure (IVP) mode. The MVS operator START command that would have been issued to start the RTCS subsystem address space if IVP mode had not been requested is indicated in the message. No errors were found in the logical PARMLIB member. The RTCS Initiator has performed a small number of validity checks on the MVS system and the data sets that would have been used if the RTCS subsystem had been started. IVP mode is mainly used to verify RTCS Initiator initialization parameters and a small subset of the MVS image configuration and environment.

RTCS Initiator processing terminates without starting the RTCS subsystem.

User response: No action is required.

OSZ0098I  
RTCS Subsystem COLD start requested by RTCS Initiator

Explanation: The RTCS Initiator (PROC OSZINIT) has requested that the Runtime Component System (RTCS) subsystem be cold started. A COLD start is requested either by the command S OSZINIT,,,(COLD=Y), or by COLD=Y being specified in the OSZINIT started task PROCEXEC statement PARM= field.

The RTCS subsystem kernel will not recover any previously established System LX, and will allocate a new one.

User response: If a COLD start was not explicitly requested on the RTCS Initiator START command, contact BMC Customer Support.

OSZ0099E  
<message text>

Explanation: This message ID (which can be information, warning, or error) is used by various Runtime Component System (RTCS) components when the message generation infrastructure is not available or has itself failed, or when it is not possible to assign a correct message ID to the message. This mechanism is
used to ensure that the message and as much text as is available is issued, and will not be lost because of an error condition. This message ID is also used for messages that normally appear only during special circumstances, such as diagnostic traps and debugging traces. These messages are usually not issued at customer sites unless a customer is performing diagnostic actions at the request of BMC Customer Support.

Processing continues. The message might indicate that other actions have already occurred or are going to take place.

User response: If the reason this message is being issued is not known, contact BMC Customer Support. Usually this message will be issued under diagnostic and debugging scenarios, and the entire SYSLOG message stream will be forwarded to BMC Customer Support, including the text of this message.

### Messages OSZ0100 through OSZ0199

This group includes messages for the Runtime Component System product.

#### OSZ0100E

**ERROR REPORT FOR TCB=xxxxxx FMID=xxxxxx RMID=xxxxxx PROD=xxxxxx LMOD=xxxxxxx MEMBER=xxxxxxx FUNCTION=xxxxxxx RC=X" RSN=X" R1=X" EXIT_OFFSET=X"**

**Explanation:** This message indicates that a function in the Runtime Component System (RTCS) or an RTCS product returned to its caller with a return code greater than 4, which is an abnormal return code.

User response: If the reason for the return code is not understood or not documented by another message, contact BMC Customer Support.

#### OSZ0102I

**RTCS EOM RESMGR ENTRY for JOB= ASID=**

**Explanation:** The Runtime Component System (RTCS) MVS end-of-memory (EOM) Resource Manager (RESMGR) exit has been entered for the indicated job name and ASID. The address space has terminated with outstanding RTCS resources potentially still allocated, causing MVS to enter an EOM RESMGR exit.

RTCS attempts to release all resources that are held by the terminating address space and to destroy all global objects that are owned by the terminating address space.

User response: No action is required.

#### OSZ0103I

**RTCS EOM RESMGR EXIT for JOB=ASID=**

**Explanation:** The Runtime Component System (RTCS) MVS end-of-memory (EOM) Resource Manager (RESMGR) exit previously entered for the indicated
job name and ASID has now terminated. The EOM RESMGR exit has finished execution.

RTCS has attempted to release all resources that were held by the terminating address space and to destroy all global objects that were owned by the terminating address space. If any problems were encountered in this process, messages might be issued after message OSZ0102I indicating the problems that occurred.

User response:  No action is required.

OSZ0104I Generalized server starting inASID=CSCB=
Explanation:  The Runtime Component System (RTCS) Generalized Server is beginning execution in the address space with the indicated job name, address space identifier (ASID), and Command Scheduling Control Block (CSCB) name. The generalized server invokes the requested RTCS or client product package.
User response:  No action is required.

OSZ0105I Generalized server terminating xxxxxxxx in yyyyyyy ASID=#### CSCB=####
Explanation:  The Runtime Component System (RTCS) Generalized Server is terminating execution in the address space with the indicated job name, address space identifier (ASID), and Command Scheduling Control Block (CSCB) name. The Generalized Server terminates execution. RTCS operator and product operator commands can no longer be entered.
User response:  No action is required.

OSZ0106E The RTCS Subsystem cannot stop while address spaces that are using RTCS services are still active. The following address spaces are currently using RTCS services: xxxxxxxx,xxxxxxx,xxxxxxx Wait for the above address spaces to finish execution, STOP them or follow the required procedure to initiate their own shutdown, DRAIN the INITiator, or CANCEL the JOB, Started Task, or TSO user. If maintenance has been applied to the production library copy of the RTCS Program Library (TOSZRTCS) used by RTCS, use the "REFRESH,KERNEL" command to activate the changes non-disruptively.
Explanation:  An operator STOP command was entered that was directed to the RTCS subsystem address space. This command is ignored because shutting down the RTCS kernel would disrupt the operation of RTCS client product and other MVS system address spaces, or cause severe errors. The STOP command is not processed at this time. The RTCS subsystem continues execution.
User response:  Wait for the address spaces that are using RTCS to terminate, or terminate them manually, and reissue the command. If you have applied maintenance to RTCS and you want to activate that maintenance, use the F RTCS,REFRESH,KERNEL command.
OSZ0107I  REFRESH command processed successfully

Explanation: The in-storage copy of the Runtime Component System (RTCS) kernel has been successfully refreshed. The RTCS subsystem address space continues execution.

User response: No action is required.

OSZ0108E  REFRESH command failed:

Explanation: The in-storage copy of the Runtime Component System (RTCS) kernel was not refreshed. The second line of the message indicates the reason the RTCS kernel was not refreshed. The RTCS server STC continues execution.

User response: No action is required.

OSZ0109I  DEBUG mode xxxxxxxx is xxx in xxxxxxxx

Explanation: Debug mode has been turned on or off in the specified address space. The current state is as indicated.

User response: No action is required.

OSZ0110E  Load failed for PGM=xxxxx ensure allocations are correct and rerun job

Explanation: A generalized server with the specified job name was unable to load the job step program for the application running in that server. The application is unable to start execution. The generalized server stops execution.

User response: Save and review all job log information for this server. Ensure that the application (product) is installed correctly and that the specified program name is present in the Runtime Component System (RTCS) product link library. If the product is correctly installed, contact BMC Customer Support. Otherwise, correct the installation and rerun the application.

OSZ0111E  Product license key not found for product code=,FMD=, NAME=, Contact BMC Software for product licensing support

Explanation: No license key (CPU authorization password) was found for the specified product. The product does not run.

User response: Save and review all Job Console Log messages from this server. Ensure that the licensed product has been installed correctly and that its license key has been added to the proper table in the product authorization table library that was designated by the BMCPSWD DD statement in the RTCS Initiator OSZINIT started task (STC) PROC JCL. If you believe that the product is correctly installed and you are unable to determine the source of the problem, contact BMC Customer Support. Otherwise, correct the installation or install the license key and rerun the application.
OSZ0112E  RC= RS= in part of license check for product code=, FMID=, NAME=  Contact BMC Software for product licensing support

*Explanation:* An error or an abend occurred while validating the license key (CPU authorization password) for the specified product. The product does not run.

*User response:* Save and review all Job Console Log messages from this server. Ensure that the licensed product has been installed correctly and that its license key (CPU authorization password) has been added to the proper table in the product authorization table library that was designated by the BMCPSWD DD statement in the RTCS Initiator OSZINIT started task (STC) PROC JCL. If you believe that the product is correctly installed and you are unable to determine the source of the problem, contact BMC Customer Support. Otherwise, correct the installation or install the license key and rerun the application.

OSZ0113E  Unable to allocate product authorization table library Product code=,FMID=,NAME=  Contact BMC Software for product licensing support

*Explanation:* Dynamic allocation for the product authorization table library failed. The DSNAME of the product authorization table library was designated in the BMCPSWD DD statement in the OSZINIT started task (STC) PROC JCL that was originally used to start the RTCS Initiator. The requested licensed product is not invoked.

*User response:* Save and review all Job Console Log messages from this server. Ensure that the licensed product has been installed correctly and that its license key (CPU authorization password) has been added to the proper table in the product authorization table library that was designated by the BMCPSWD DD statement in the RTCS Initiator OSZINIT started task (STC) PROC JCL. This problem usually results from a simple error, such as uncataloging the product authorization table library, or varying the volume on which it resides offline (thus becoming unavailable for dynamic allocation). If you are unable to determine the source of the problem, contact BMC Customer Support.

OSZ0114E  Internal error occurred in license check for product code=,FMID=,NAME=  Contact BMC Software for product licensing support

*Explanation:* An internal error occurred during processing of the license check for the specified product. The product continues initialization and might run normally, or other errors might subsequently occur.

*User response:* Save the JCL and all job log information for this server and any console messages, or SVC dumps that were taken. Contact BMC Customer Support.

OSZ0115W  license will expire in days for Product code=,FMID=,NAME=  Contact BMC Software for product licensing support

*Explanation:* The license for the specified product will expire soon. The product continues normally.

*User response:* Contact BMC Customer Support to obtain a new license key (CPU authorization password).
OSZ0116E  license has expired for product code= ,FMID= ,NAME= Contact BMC Software for product licensing support

Explanation: The license for the specified product has expired. The product does not run.

User response: Contact BMC Customer Support to obtain a new license key (CPU authorization password).

OSZ0117E  LOAD failed for BPXWDYN service interface

Explanation: The Runtime Component System (RTCS) subsystem address space Allocator (program OSZMOSYS) was unable to LOAD the MVS service routine BPXWDYN. RTCS subsystem initialization does not continue. Products that depend on RTCS will not be able to run.

User response: Determine the cause of the problem from any MVS contents supervision messages that might have been issued. After the problem has been corrected, restart the RTCS Initiator.

OSZ0118E  Invalid allocation present, terminating

Explanation: The Runtime Component System (RTCS) subsystem address space Allocator (program OSZMOSYS) has been started with a STEPLIB DD statement in the started task PROC JCL. The PROC JCL should not include any DD statements. RTCS subsystem initialization does not continue. Products that depend on RTCS will not be able to run.

User response: Remove the STEPLIB DD statement and restart the RTCS Initiator.

OSZ0119E  Invalid ASCMODE for function call atto EP ADDR=

Explanation: A Runtime Component System (RTCS) function call is being made in an ASC mode that is incompatible with the target function. Message OSZ0120E is issued immediately after this message. The function invocation fails with return code X'14' and reason code X'0E'.

User response: Contact BMC Customer Support.

OSZ0120E  Called from LMOD=MEMBER=- FN=

Explanation: A Runtime Component System (RTCS) function call is being made in an ASC mode that is incompatible with the target function. This message is issued immediately after message OSZ0119E. The function invocation fails with return code X'14' and reason code X'0E'.

User response: Contact BMC Customer Support.

OSZ0121E  Invalid ASCMODE for function exit atwith RC=RSN=

Explanation: A Runtime Component System (RTCS) function is exiting in an ASC mode that is inconsistent with its definition. Message OSZ0122E is issued immediately after this message. Normal processing continues in primary ASC mode.

User response: Contact BMC Customer Support.
OSZ0122E  Exit was from LMOD=MEMBER=- FN=-

Explanation: A Runtime Component System (RTCS) function is exiting in an ASC mode that is inconsistent with its definition. This message is issued immediately after message OSZ0121E. Normal processing continues in primary ASC mode.

User response: Contact BMC Customer Support.

OSZ0123E  MLWTO error during package analysis

Explanation: While an analysis of a newly-loaded package was being performed (for example, as part of the processing for the RTCS REFRESH command), a nonzero return code was returned by MVS for a multiline WTO. The remainder of the MLWTO message lines are dropped.

User response: This error is usually transient; however, if this error message occurs repeatedly, contact BMC Customer Support.

OSZ0124I  Generalized Server parameters=COMMAND=CONTEXT=

Explanation: The Runtime Component System (RTCS) Generalized Server has started execution for the indicated product or package, command table name or processor, and (RTCS) context. The Generalized Server will invoke the RTCS or client product package.

User response: No action is required.

OSZ0125E  REQUIRED SERVER PARAMETER xxxxxxx NOT SPECIFIED VALIDATE JCL SPECIFICATIONS AND RERUN JOB

Explanation: A generalized server address space was started without the specified (required) parameter. The generalized server terminates.

User response: Correct the JCL and rerun the job.

OSZ0126E  INVALID GENERAL SERVER EXECUTION ENVIRONMENT

Explanation: General server can only run as a job step program. The only valid environments are started tasks and batch jobs. The general server terminates.

User response: For batch applications, correct the JCL and rerun the job. For started tasks, correct the PROC and restart the application.

OSZ0127E  INTERNAL ERROR, CONTACT BMC SOFTWARE SUPPORT

Explanation: One or more internal errors occurred. The error might be an unexpected return code from a system service, or some other condition that prevented normal operation of the application program. The application program terminates. One or more additional error messages might be issued before or after OSZ0127.

User response: Save the messages from the job log and syslog from the application, and any other diagnostic information produced concurrently with the error. Additional diagnostics might include SVC dumps and LOGREC records. Forward all the information to BMC Customer Support, regardless of
whether it appears to have been produced by BMC or some other system component.

**OSZ0128E**  
**MODULE IS NOT FOR PGM=VALIDATE JCL SPECIFICATIONS AND RERUN JOB**

*Explanation:* A general server was unable to execute the specified program because the program's attributes did not meet the server's requirements. All programs executed within a general server environment must be bound with the RENT attribute. In addition, if the general server is running in a system PSW key (0-7) the application program must be bound with the AC(1) attribute. However, if the module is bound with the AC(1) attribute, the server cannot execute the program in an authorized condition unless the server itself is running in a system PSW key.

The application program terminates. One or more additional error messages might be issued before or after OSZ0128.

*User response:* Save the messages from the job log and syslog from the application, and any other diagnostic information produced concurrently with the error. Ensure that the general server has access to the correct load library and that the specified module is bound with the correct attributes. Rerun the job, or contact BMC Customer Support for further diagnostic assistance.

**OSZ0129I**  
**RTCS Subsystem termination - object destruction**

*Explanation:* The Runtime Component System (RTCS) subsystem kernel has either initiated or completed the kernel object destruction phase of termination. RTCS subsystem address space termination proceeds normally.

*User response:* No action is required. The purpose of these messages is to identify certain RTCS subsystem shutdown processing actions, so that any error or warning messages that are issued during that interval can be specifically related to shutdown object destruction and not to some other unrelated issue.

**OSZ0130I**  
**Package xxxxxxxxx REFRESH candidate maintenance level analysis**

*Explanation:* As part of Runtime Component System (RTCS) REFRESH command processing, the (relative) maintenance level of the indicated package (program object or load module) is being analyzed. Subsequent lines in this multiline message indicate in tabular form the differences between the maintenance levels of elements in the currently loaded package and the copy in the relevant library. If no package is currently loaded, the subsequent lines indicate the existence of any exceptional maintenance on the (new) package in the relevant library (such as ZAPs). Based on REFRESH command operands, a recommendation whether the package should be, or needs to be, refreshed is made.

*User response:* Observe the indicated maintenance status of the elements in the package, and the refresh recommendation made. If the actual maintenance status of the package in the program library requires a refresh, reissue the
REFRESH command with the indicated operand, which will force the package refresh.

**OSZ0131I**  
**Package xxxxxxxx initialized, exceptional maintenance present**  
Explanation: The indicated package has been initialized, but exceptional maintenance (such as a ZAP) exists for at least one element in the package. Subsequent lines provide detailed information about the exceptional maintenance on the package that has just been initialized.  
User response: No action is required.

**OSZ0132I**  
**Package xxxxxxxx exceptional maintenance level analysis**  
Explanation: An analysis of any exceptional maintenance (such as a ZAP) that might exist for any element within the indicated package has been requested. Subsequent lines provide detailed information about any exceptional maintenance that has been applied to any element in the package.  
User response: No action is required.

**OSZ0133I**  
**Package xxxxxxxx current maintenance level report**  
Explanation: An analysis of the current maintenance level of any updated elements within the indicated package has been requested. Subsequent lines provide detailed information about all maintenance that has been applied to any element in the package.  
User response: No action is required.

**OSZ0134I**  
**Package xxxxxxxx not in use**  
Explanation: The indicated package is not currently in use. The requested processing is bypassed.  
User response: Verify the package name in the command.

**OSZ0135I**  
**Package xxxxxxxx not LOADed**  
Explanation: The indicated package is not currently loaded into storage. Command processing or maintenance status indication is bypassed.  
User response: No action is required.

**OSZ0137E**  
**TQE INSTANCE WAS DESTROYED**  
Explanation: A Runtime Component System (RTCS) Timer Queue Element (TQE) instance has been destroyed. A TQE instance should never be (unexpectedly) destroyed. Processing continues, although this message indicates a severe problem either in the address space, or with RTCS.  
User response: Contact BMC Customer Support.

**OSZ0138W**  
**NotifyElements owned by ASID=### TCB=xxxxxxxx**  
Explanation: An excessive number of RTCS NotifyElements have been created for and are owned by single task. This message is issued when the number of
NotifyElements outstanding becomes any multiple of 32 (other than zero). Normal operation attempts to continue without interruption.

**User response:** This message should not be received in a production environment. If this message is received, contact BMC Customer Support.

### OSZ0140W

**REFRESH command results by module: for modules(OSZLIBC OSZLIBM OSZGCC2)**

**Explanation:** One or more of the DLPA-resident RTCS library DLL program objects was not successfully refreshed during the processing of an RTCS,REFRESH,LIBRARY command. The 2nd, 3rd, and 4th lines of the message indicate in order the respective status of the refresh attempt for each of the three RTCS library program objects listed in the 5th line of the message. RTCS processing continues without interruption.

**User response:** Examine the message text lines for errors that you can correct. If you are unable to correct the error, or the RTCS LIBRARY program object is unable to be refreshed, contact BMC Customer Support.

### OSZ0141E

**command not recognized - ignored**

**Explanation:** The RTCS subsystem command entered was not recognized and is ignored.

**User response:** Enter a valid RTCS subsystem command.

### OSZ0142E

**command failed**

**Explanation:** A previously entered RTCS subsystem command failed. The command is not processed and response messages might not be returned to the originator, depending upon the nature of the failure. RTCS command processing awaits entry of another RTCS subsystem command.

**User response:** Examine any previously issued messages for the cause of the failure. Correct the problem and reenter the command.

### OSZ0143I

**WHAT HOW by RTCS Registry STAT1 and STAT2 DSNAME= DSNAMES VOL=SER= VOLSER DDNAME= DDNAME SCOPE= SCOPE, SHARED RS_TCB= RSTCB ALET= ALET / STOKEN TRACE= TALET / TRBFR DS_TCB= DSTCB Shared Registry XCF GROUP Name= GROUP MEMBER Name= MEMBER**

**Explanation:** An RTCS registry instance backed by a VSAM Linear Data Set (VLDS) has been initialized. The message provides details about the characteristics of the registry instance and the backing VLDS.

Processing continues normally. The registry instance is made available for use by product callers in the current address space and, if the instance is Global, in other address spaces on the current MVS system image. If the registry has been exposed for sharing via XCF, other members of the Sysplex can now begin accessing the registry that is using XCF by allocating a remote registry instance.

**User response:** No action is required.
OSZ0144W  Unable to update Registry (ALET=) lock WAIT timed out

Explanation:  This task in this address space cannot obtain access to the update queue (lock) for the registry with the indicated ALET. The task has been waiting for approximately 30 seconds for access to the registry data space, but one or more tasks hold the update lock and have not yet finished update processing. The work unit in this address space continues to wait for the registry data space to become available for update access.

User response:  If you know the reason for the delay, no action is required. If this message is issued repeatedly and regularly (such as every 30 seconds) by the same address space, review messages from other work units or address spaces to determine why the registry is unavailable.

OSZ0145I  VSAM Linear Data Set allocated to DDNAME= VOL=SER= ,DSNAME=

Explanation:  An RTCS registry instance is in the process of attempting to become the owner of the local read/write registry VSAM Linear Data Set (VLDS), which will be used to back the registry data space. The VLDS might just have been dynamically allocated to this address space exclusively (DISP=OLD) by the RTCS registry component on behalf of the product, dynamically allocated by the product beforehand, or allocated by a DD statement in the JCL for the started task or job step.

This message indicates the DD name to which the VSAM Linear Data Set (VLDS) is allocated and its data set name and volume serial. The RTCS registry will open the VSAM Linear Data Set and use MVS Data In Virtual (DIV) facilities to back the data in an MVS data space.

User response:  No action is required.

OSZ0146E  Registry ALET= DIV services DIV SAVE operation(OSZDVMAP SAVE) error: RC= RSN= R1=

Explanation:  The RTCS registry has performed a DIV SAVE operation on the data space backed by a VSAM Linear Data Set (VLDS), and an error was encountered. The registry DIV services subtask terminates abnormally and will be restarted automatically.

User response:  If this situation occurs frequently, contact BMC Customer Support.

OSZ0147I  ALET=DIV ServicesTCB=Batch Update Window:, Limit:Current Value:Count:

Explanation:  A VLDS-backed registry instance has either initially attached or reattached an MVS subtask to manage DIV Services for the associated MVS data space, or a registry status command has been entered (for which this message is the response), or some singular event (such as an error) in the life of the DIV Services subtask has occurred (which this message is documenting). Processing continues normally.

User response:  No action is required.
OSZ0148E  Registry DIV Services task POSTed with unexpected data: RC= RSN= R1= STATUS= CODE=

Explanation: The registry DIV Services subtask "wait for work" NotifyElement was posted, but the OSZWAIT return code and reason code, or the OSZNOTIFY CHECK_STATUS STATUS was not recognized, or the POST code received was not an expected value. The actual values of all of these items are indicated in the second line of the message.

The registry DIV Services subtask abends, and will be restarted. Upon restart, an automatic DIV SAVE operation will be performed to complete any pending registry data space updates.

User response: If you receive this message frequently, contact BMC Customer Support.

OSZ0149I  ALET=DIV SAVE CPU=ELAP=

Explanation: The registry has performed a DIV SAVE operation on the data space that is backed by a VSAM Linear Data Set (VLDS). The DIV SAVE operation was completed successfully, and the CPU and elapsed (clock) time required is indicated in the message. This message is issued when certain diagnostic trace actions have been requested, either by the product or the site, or when either the CPU or the elapsed (clock) time required for the DIV SAVE operation is determined (heuristically) to have been excessive. Processing continues normally.

User response: If this message is issued frequently, and diagnostic tracing for registry functions have not been requested, the product might be performing excessive data space updates, or the performance and responsiveness of the DASD volume on which the VSAM Linear Data Set resides might be impaired or being affected by other data sets and activity on the path, control unit, or volume. If you are unable to determine the source of the performance impairment, contact BMC Customer Support.

OSZ0150  IXCLEAVE ended with RC=, RS=while removing from group

Explanation: The IXCLEAVE macro ended with the indicated return and reason codes. Usually, IXCLEAVE is expected to end with return code 0. However, previous errors might have already removed the member or terminated the group. Processing continues normally.

User response: No action is required. This message is issued for diagnostic purposes.

OSZ0151  Xcomm Create completed for group

Explanation: This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.

User response: No action is required.
OSZ0152  XCCOM Destroy completed
Explanation:  This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.
User response:  No action is required.

OSZ0153  IXCQUERY ended with RC=, RS=for group
Explanation:  The IXCQUERY macro ended with the indicated return and reason codes. The only expected return and reasons codes are (0, 0) and (8, 4). The request fails. Additional action might be taken by the requester of this service.
User response:  Contact BMC Customer Support.

OSZ0154  XCcom QueryMembers completed
Explanation:  This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.
User response:  No action is required.

OSZ0155E  IXCJOIN ended with RC=, RS=while adding to group
Explanation:  The IXCJOIN macro ended with the indicated return and reason codes. The XcfCommunications Join request fails. The caller of this service might take additional action.
User response:  See the MVS Sysplex Services Reference for a list of return and reason codes for IXCJOIN. Failures with a return code equal to X'08' should be reported to BMC Customer Support. Failures with a return code of X'0C' are environmental errors that your installation might be able to correct. Failures with a return code of X'10' should be reported to IBM.

OSZ0156  Xccom Join completed
Explanation:  This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.
User response:  No action is required.

OSZ0157E  IXCSETUS ended with RC=, RS=while changing in group
Explanation:  The IXCSETUS macro ended with the indicated return and reason codes. The XcfCommunications UserStatus request fails. The caller of this service might take additional action.
User response:  See the MVS Sysplex Services Reference for a list of return and reason codes for IXCSETUS. Failures with a return code equal to X'08' should be reported to BMC Customer Support. Failures with a return code of X'0C' are environmental errors that your installation might be able to correct. Failures with a return code of X'10' should be reported to IBM.
OSZ0158  Xccom Userstatus completed
Explanation:  This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.
User response:  No action is required.

OSZ0159  Xccom SendMessage completed
Explanation:  This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.
User response:  No action is required.

OSZ0160E  IXCMSGO ended with RC=, RS=while sending to in group
Explanation:  The IXCMSGO macro ended with the indicated return and reason codes. The XcfCommunications SendMessage request fails. The caller of this service might take additional action.
User response:  See the MVS Sysplex Services Reference for a list of return and reason codes for IXCMSGO. Failures with a return code equal to X'08' should be reported to BMC Customer Support. Failures with a return code of X'0C' are environmental errors that your installation might be able to correct. Failures with a return code of X'10' should be reported to IBM.

OSZ0161E  IXCMSGO ended with RC=, RS=while sending response to in group
Explanation:  The IXCMSGO macro ended with the indicated return and reason codes. The XcfCommunications SendMessage request fails. The caller of this service might take additional action.
User response:  See the MVS Sysplex Services Reference for a list of return and reason codes for IXCMSGO. Failures with a return code equal to X'08' should be reported to BMC Customer Support. Failures with a return code of X'0C' are environmental errors that your installation might be able to correct. Failures with a return code of X'10' should be reported to IBM.

OSZ0162  Xccom SendResponse completed
Explanation:  This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.
User response:  No action is required.

OSZ0163E  IXCMSGO ended with RC=, RS=while broadcasting to group
Explanation:  The IXCMSGO macro ended with the indicated return and reason codes. The XcfCommunications Broadcast request fails. The caller of this service might take additional action.
User response:  See the MVS Sysplex Services Reference for a list of return and reason codes for IXCMSGO. Failures with a return code equal to X'08' should be reported to BMC Customer Support. Failures with a return code of X'0C' are environmental errors that your installation might be able to correct. Failures with a return code of X'10' should be reported to IBM.
OSZ0164  Xccom Broadcast completed

*Explanation:* This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.

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

OSZ0165E  IXCMSGI ended with RC=, RS=while receiving from in group

*Explanation:* The IXCMSGI macro ended with the indicated return and reason codes. The XcfCommunications receive request fails. Depending on the cause of the failure, the sender might timeout or wait forever for a response.

**User response:** See the *MVS Sysplex Services Reference* for a list of return and reason codes for IXCMSGI. Failures with a return code equal to X'08' should be reported to BMC Customer Support. Failures with a return code of X'0C' are environmental errors that your installation might be able to correct. Failures with a return code of X'10' should be reported to IBM.

OSZ0166  Xccom Message exit completed

*Explanation:* This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.

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

OSZ0167  message xxxxxxxxx arrived from yyyyyyyyyy, expecting zzzzzzzz

*Explanation:* A message of the type indicated (Inbound or Broadcast) has arrived from the indicated XCF group member. The sequence number received is indicated in the message. The sequence number of the message received is indicated as well as the expected message sequence number. Processing continues. A missing message might cause problems, or it might have been handled on the sending side.

**User response:** If a message is missing, look for other messages from this member or the indicated sending partner member.

OSZ0168E  OSZDVMAP xxxxxxxxx DDNAME=yyyyyyyy unexpected zzzzzzzz

*Explanation:* The RTCS DIVMap (OSZDVMAP) object, which manages access to a VSAM Linear Data Set (VLDS) through paging I/O using the MVS Data-In-Virtual facility, has encountered an error when invoking an MVS service. The second line of the message indicates the contents of R15, R0, and R1 upon return from the MVS macro or service identified in the first line of the message.

Processing continues. Some errors and exceptional conditions will be handled automatically by the RTCS OSZDVMAP object, but most will simply be reflected to the OSZDVMAP method’s caller.

**User response:** If this message occurs often or the cause is unknown, contact BMC Customer Support. For specific information about return and reason codes from the MVS macros and services identified in the message, refer to the *Messages OSZ0100 through OSZ0199* in the *BMC Common Components Messages Manual*. 
MVS documentation in the appropriate IBM publication, such as z/OS MVS Authorized Assembler Services Reference.

**OSZ0169E**

**IXCMSGI ended with RC=XX, RS=YY while receiving response from MMMM in group GGGGGGG**

*Explanation:* The IXCMSGI macro ended with the indicated return and reason codes. The XcfCommunications receive request fails. Depending on the cause of the failure, the sender might timeout or wait forever for a response.

*User response:* See the MVS Sysplex Services Reference for a list or return and reason codes for IXCMSGI. Failures with a return code equal to X'08' should be reported to BMC Customer Support. Failures with a return code of X'0C' are environmental errors that your installation might be able to correct. Failures with a return code of X'10' should be reported to IBM.

**OSZ0170**

**Xccom Notify exit completed**

*Explanation:* This diagnostic message is produced when component tracing has been requested by the product or user. Processing continues normally.

*User response:* No action is required.

**OSZ0171E**

**OSZDVMAP Data-In-Virtual system I/O error DDNAME=**

*Explanation:* The MVS Data-In-Virtual (DIV) facility, used by the the RTCS DIVMap (OSZDVMAP) object to manage access to a VSAM Linear Data Set (VLDS) through paging I/O, has encountered a system I/O error that might or might not be recoverable. If the function or service that encountered an error is documented by IBM to be recoverable, the function or service will be retried an appropriate number of times. Unrecoverable errors will be reflected to the caller of the OSZDVMAP object method.

*User response:* If this message occurs often or the cause is unknown, contact BMC Customer Support. For specific information about return and reason codes from the MVS macros and services identified in the message, refer to the MVS documentation in the appropriate IBM publication, such as z/OS MVS Authorized Assembler Services Reference.

**OSZ0172E**

**Invalid START command, RTCS Subsystem can be started only by the RTCS Initiator internally**

*Explanation:* The Runtime Component System (RTCS) subsystem started task (PGM=OSZMOSYS, usually in PROC OSZRTCS) was not started via an MVS operator START command issued internally by the RTCS Initiator (usually, PROC OSZINIT).

RTCS subsystem address space initialization and RTCS Allocator processing terminates. RTCS Allocator processing and RTCS subsystem initialization cannot proceed without the RTCS Initiator having first read the RTCS Initialization parameters from the logical PARMLIB data set, and then placed
them into common (ECSA) storage where they will be located by the RTCS Allocator. Any products that depend on RTCS will not be able to run.

User response: Do not attempt to issue an MVS START command to start the RTCS subsystem. Instead, start the RTCS Initiator first.

**OSZ0173E**

**Module not bound with SETCODE AC()**

**Explanation:** A program object in an RTCS program library does not have the required or expected APF authorization code (AC). If the program object is required for RTCS subsystem or RTCS-based product execution, RTCS Initiator address space initialization terminates. Products that depend on RTCS will not be able to run.

This error usually indicates that some failure has occurred in the SMP/E-based installation process for RTCS itself, or an RTCS-based product (depending on which specific program object is indicated by the message), or that the library that contains the program object has been corrupted subsequently by some other failure, for example by incorrectly applied maintenance.

User response: If you have just installed RTCS, or an RTCS-based product, or have just installed maintenance to these libraries, check the installation job stream SMP/E and binder output listings for any errors. If you have not performed any maintenance on the involved product library, check the library for data corruption, perhaps by comparing it to a recent backup. Use a utility, such as the ISPF PDLibrary Utility (Option 3.1), to examine the directory of the PDSE. Confirm that the Authorization Code (AC) is the exact value required by RTCS or the RTCS-based product, and that the AMODE (AM) is 31 (all RTCS and RTCS-based program objects must be AMODE 31). If you are unable to resolve the issue, contact BMC Customer Support.

**OSZ0174E**

**Module LOAD failed R15=R0=**

**Explanation:** The RTCS Initiator attempted to LOAD the indicated program object into storage and to examine it for validity. The MVS LOAD failed with the indicated return and reason codes, which MVS returns in R15 and R0, respectively. If the program object is required for RTCS subsystem or RTCS-based product execution, RTCS Initiator address space initialization terminates. Products that depend on RTCS will not be able to run.

This error usually indicates that some failure has occurred in the SMP/E-based installation process for RTCS itself, or an RTCS-based product (depending on which specific program object is indicated by the message), or that the library that contains the program object has been corrupted subsequently by some other failure, for example by incorrectly applied maintenance.

User response: If you have just installed RTCS, or an RTCS-based product, or have just installed maintenance to these libraries, check the installation job stream SMP/E and binder output listings for any errors. If you have not performed any maintenance on the involved product library, check the library...
for data corruption, perhaps by comparing it to a recent backup. Use a utility, such as the ISPF PDLibrary Utility (Option 3.1), to examine the directory of the PDSE. Confirm that the AMODE (AM) is 31 (all RTCS and RTCS-based program objects must be AMODE 31). If you are unable to resolve the issue, contact BMC Customer Support.

**OSZ0175E**

**Required not found in //data set,DSNAME=**

**Explanation:** While attempting to validate the contents of the indicated library, the RTCS Initiator address space was unable to locate a required program object, load module, or member. RTCS Initiator address space processing and RTCS initialization terminates. Products that depend on RTCS will not be able to run.

This error usually indicates that some failure has occurred in the SMP/E-based installation process for RTCS itself, or an RTCS-based product (depending on which specific program object is indicated by the message), or that the library that contains the program object has been corrupted subsequently by some other failure, for example by incorrectly applied maintenance.

**User response:** If you have just installed RTCS, or an RTCS-based product, or have just installed maintenance to these libraries, check the installation job stream SMP/E and binder output listings for any errors. If you have not performed any maintenance on the involved product library, check the library for data corruption, perhaps by comparing it to a recent backup. Use a utility, such as the ISPF PDLibrary Utility (Option 3.1), to examine the directory of the PDSE. Confirm the presence or the absence of the indicated program object or member that is required by RTCS or an RTCS-based product. If you are unable to resolve the issue, contact BMC Customer Support.

**OSZ0176W**

**Expected not found in //data set,DSNAME=**

**Explanation:** While attempting to validate the contents of the indicated library, the RTCS Initiator address space was unable to locate an expected program object, load module, or member. RTCS Initiator address space processing and RTCS initialization continues. Products that depend on RTCS might not be able to run if the missing element is required for their proper functioning.

This error usually indicates that some failure has occurred in the SMP/E-based installation process for RTCS itself, or an RTCS-based product (depending on which specific program object is indicated by the message), or that the library that contains the program object has been corrupted subsequently by some other failure, for example by incorrectly applied maintenance.

**User response:** If you have just installed RTCS, or an RTCS-based product, or have just installed maintenance to these libraries, check the installation job stream SMP/E and binder output listings for any errors. If you have not performed any maintenance on the involved product library, check the library for data corruption, perhaps by comparing it to a recent backup. Use a utility, such as the ISPF PDLibrary Utility (Option 3.1), to examine the directory of the PDSE. Confirm the presence or the absence of the indicated program object or member that is required by RTCS or an RTCS-based product. If you are unable to resolve the issue, contact BMC Customer Support.
the PDSE. Confirm the presence or the absence of the indicated program object or member that is required by RTCS or an RTCS-based product. If you are unable to resolve the issue, contact BMC Customer Support.

OSZ0177E  RTCS initialization failed because of error(s) noted previously

Explanation: RTCS initialization cannot proceed because of critical errors that were noted in messages issued earlier. RTCS Initiator address space processing terminates. Products that depend on RTCS will not be able to run.

User response: Correct the problems that resulted in the previous error messages. If you are unable to resolve the issue, contact BMC Customer Support.

OSZ0178E  Module Invalid RTCS

Explanation: The RTCS Initiator has examined the indicated RTCS or RTCS-based product package (that is, program object or load module), which has been brought into storage by using the MVS LOAD command, and determined that it is invalid or incompatible with the current level of RTCS that being initialized. If the program object is required for RTCS subsystem or RTCS-based product execution, RTCS Initiator address space initialization terminates. Products that depend on RTCS will not be able to run.

This error usually indicates that some failure has occurred in the SMP/E-based installation process for RTCS itself, or an RTCS-based product (depending on which specific program object is indicated by the message), or that the library that contains the program object has been corrupted subsequently by some other failure, for example by incorrectly applied maintenance.

User response: If you have just installed RTCS, or an RTCS-based product, or have just installed maintenance to these libraries, check the installation job stream SMP/E and binder output listings for any errors. If you have not performed any maintenance on the involved product library, check the library for data corruption, perhaps by comparing it to a recent backup. Use a utility, such as the ISPF PDFLibrary Utility (Option 3.1), to examine the directory of the PDSE. Confirm that the AMODE (AM) is 31 (all RTCS and RTCS-based program objects must be AMODE 31). If you are unable to resolve the issue, contact BMC Customer Support.

OSZ0179E  CDRACCESS xxx MEMVTYPE yyy RELEASE zzz unexpected:RC=RSN=R1=

Explanation: The registry CDRACCESS method, called by the Sysplex Registry Object internally, attempted to release the storage for an output parameter, which was returned by the indicated registry object method by using the RTCS internal MEMVTYPE RELEASE function, but an unexpected return or reason code was received. The value of the return and reason codes are indicated in
the second line of the message. While the storage might not have been released, normal registry and Shared Sysplex Registry operation attempts to continue.

User response: If this message occurs frequently, contact BMC Customer Support.

OSZ0180I  Console command interface for CSCB=terminated by SHUTDOWN ECB POST

Explanation: A request to terminate the RTCS subsystem or an RTCS-based product’s STOP/MODIFY console command interface subtask that uses the indicated CSCB name within the address space identified by job name has been detected by a SHUTDOWN ECB POST code. This situation could occur if the address space (product) shutdown request were internally generated, rather than being externally requested (for example, as a result of an operator STOP command being entered).

The RTCS console command interface attempts to terminate normally as part of address space (or product) shutdown.

User response: No action is required.

OSZ0181I  Console command interface for RTCS Subsystem terminated

Explanation: The MVS operator STOP/MODIFY console command interface subtask for the RTCS subsystem has terminated. This termination could be in response to an RTCS subsystem SHUTDOWN or STOP request, a console command interface restart request, or an abnormal or otherwise unexpected termination. The RTCS subsystem console command interface has terminated. If a restart was requested, the command interface will be reestablished. If an RTCS subsystem SHUTDOWN or STOP request was issued, RTCS subsystem termination will be initiated.

User response: No action is required.

OSZ0182  Sending message XXXXXXXX to MMMMMMMMM

Explanation: Message number XXXXXXXX is about to be sent to MMMMMMMMM. Processing continues.

User response: This diagnostic message requires no action.

OSZ0183  Broadcasting message XXXXXXXX to MMMMMMMMM

Explanation: Message number XXXXXXXX is about to be broadcast to MMMMMMMMM. Processing continues.

User response: This diagnostic message requires no action.
OSZ0184I Registry destroy called JOB= JOBNAME PASN / SASN / HASN TCB= TCB called by some other task TIME earlier, so errors may occur DSNAME= DSN NAME STATUSC VOL=SER= VOLSER DDNAME= DDNAME SCOPE , SHRSTAT , REGSTAT Shared Registry XCF GROUP Name= GROUP MEMBER Name= MEMBER

Explanation: An RTCS registry instance attempted to initiate the orderly shutdown of its access to the indicated registry, but found that shutdown is already in progress. The message provides details about the characteristics of the registry instance, the backing VSAM Linear Data Set (VLDS) (if any), and the sharing status of the registry. Note that not all lines of this message will be issued in every instance. Depending on the events that have occurred, as well as the registry status, one or more lines might be omitted.

If the registry instance is already destroyed by the time this message is issued, subsequent destruction processing might fail with various error messages. If the other task that is trying to destroy the registry instance becomes nondispatchable for some reason, the registry instance destruction proceeds in the current task. In that case, the other task will issue error messages.

User response: If this message occurs frequently and its cause cannot be determined, contact BMC Customer Support.

OSZ0185I DDN=DISP=DSN=

Explanation: The indicated DSName, allocated to the indicated ddname, has been dynamically unallocated with the indicated disposition. Runtime Component System (RTCS) or product processing continues.

User response: No action is required.

OSZ0186E Invalid, specify:

Explanation: The value specified for the indicated option or parameter name is invalid or not supported in the current environment. If this message is issued during RTCS initialization, RTCS initialization will terminate. If this message is issued in response to an RTCS command, the command processing will terminate and the command will not be processed.

User response: Respecify the option or parameter by using a value from the list of supported, valid values given in the message. There might be other valid values that are not listed in the message text because of limited space (the message is intentionally short).

OSZ0187I Console command interface for CSCB=will terminate and be restarted

Explanation: A request to restart the RTCS subsystem or an RTCS-based product’s STOP/MODIFY console command interface subtask, which has been using the indicated CSCB name within the address space identified by job name, has been received. This request is usually in response to a RESTART,CONSOLE command. The RTCS console command interface will
terminate. The RTCS subsystem or the Generalized Server will then restart the
console command interface subtask.

*User response:* No action is required.

**OSZ0188E**

**Product Console Command Handler Exit for**

*Explanation:* The product (application) executing in the indicated address
space has defined a Console Command Handler Exit routine to be used to
process console operator commands supported by the product, or the existing
Product Console Command Handler Exit has been deleted. Normal processing
continues.

*User response:* No action is required.

**OSZ0189E**

**Product Console Command Handler Exit**

*Explanation:* In response to an operator console command that was not
recognized as an RTCS command, RTCS attempted to call the product's
Console Command Handler Exit routine. That call failed for the indicated
reason. Command processing terminates.

*User response:* Examine SYSLOG for error messages prior to this message. If
the cause of the failure cannot be determined, contact BMC Customer Support.

**OSZ0190I**

**POSZRTCS = POSZRTCS**

*Explanation:* This message is issued in response to a REFRESH,KERNEL
command by the RTCS subsystem to exhibit the DSNAME of the Production
RTCS Program Library (POSZRTCS) that will be dynamically allocated and
from which the new RTCS kernel will potentially be loaded. The indicated
DSNAME will be dynamically allocated as the Production RTCS Program
Library.

*User response:* Observe the DSName of the Production RTCS Program Library.

**OSZ0191I**

**ALET=######## TCB=########**

*Explanation:* A registry instance has initially attached an MVS Registry
Services or DIV Services subtask to manage the associated MVS data space or
the backing VSAM Linear Data Set (LDS), if one exists. This message can also
mean some singular event (such as an error) in the life of the REG Services or
DIV Services subtask has occurred. Processing or termination continues
normally.

*User response:* No action is required.

**OSZ0192I**

**Registry status updated DDNAME=ALET=DSNAME=VOL=SER=Registry
Owner=Curre**

*Explanation:* A registry instance has had its status initialized or changed, either
by the application product, operator command, or another sharing system in
the Sysplex. The message indicates the current status of the RTCS-managed
registry instance. Processing or termination continues normally.

*User response:* No action is required.
**OSZ0193E**  
**PACKAGE command**

*Explanation:* RTCS detected an error in the PACKAGE command operands that were specified. The PACKAGE command is not processed.

*User response:* Correct the PACKAGE command operands that are in error and reissue the command.

**OSZ0194E**  
**Specified VSAM Linear Data Set is already initialized**

*Explanation:* As a result of a REINIT request, either by an RTCS-dependent product or an operator command, RTCS acquired the VSAM Linear Data Set (VLDS) that was specified to back the data in the registry. RTCS was preparing to map the VLDS into the MVS data space for the registry, but discovered that the VLDS had already been initialized as an RTCS registry. The existing data in the specified VLDS is used.

*User response:* If the RTCS subsystem address space or an RTCS-dependent product should use a registry VLDS that is, in fact, empty, the registry VLDS must be unallocated, and then reallocated in JCL or redefined by using IDCAMS, or the DSNAME of one that has already been newly allocated and is empty and not formatted specified via an RTCS REGISTRY ALTER command, and then the registry reallocated, reinialized, or acquired.

**OSZ0195I**  
**Registry CHANGE request for DDNAME=ALET=**

*Explanation:* A status change is pending, as a consequence of an operator command on this member, or another member of the XCF group. This message documents the pending change.

If the registry change request requires action by this member, that action will be attempted. Some registry status change requests do not require action, in which case this message can be considered informational.

*User response:* No action is required.

**OSZ0196I**  
**Registry acquisition initiated by Group status change**

*Explanation:* The current XCF member has detected a change in the status of the XCF Group. No eligible member of the group currently owns the registry VSAM Linear Data Set (VLDS), and the registry has not been unallocated. This member is an eligible owner, and thus will attempt to acquire the registry VLDS and expose the registry to the other members of this XCF Group. This member attempts to acquire the VLDS and expose the registry.

*User response:* This message might be issued on multiple sharing XCF members. Only one will be able to successfully acquire the registry VLDS. There might be error-level messages issued after this message on those members that are not able to acquire the registry. This behavior is normal. At least one sharing XCF member should be able to acquire the registry VLDS, assuming that the member or system has released the MVS DSNAME enqueue on the VSAM Linear Data Set itself. If no remaining sharing XCF member is able to acquire the registry VLDS and expose it, issue the following command...
to initiate acquisition on that member: *F cscb,REGISTRY ACQUIRE*, where *cscb* is the CSCB name for the address space. For the RTCS subsystem, *cscb* is the MVS subsystem ID (SSID) that was previously selected for use by RTCS.

**OSZ0197E**

Unable to xxxxxxxx Registry VLDS

Explanation: The current XCF member attempted to change the status of the registry instance, but was unsuccessful. The attempt to change the status is abandoned on this XCF member. However, other sharing XCF members in the XCF group can make this change, and might have already done so.

User response: No action is required.

---

**Messages OSZ0200 through OSZ0299**

This group includes messages for the Runtime Component System product.

**OSZ0218I**

Environment

```
Environment DESC PSATOLD= PSATOLD RBTYPE = RBADDR MODE XM
ASID= IASN / PASN / SASN / HASN RTABTCB= RTABTCB TCBCMP=
TCBCMP AUTH= AUTH ITKN= TCBITKN PSAAOLD= PSAAOLD TCBTIME=
TCBTTIME TCBFSA= TCBFSA RTAASCB= RTAASCB JOB= JOB STEP=
STEP PROC= PROC TCBFBYT1= TCBFBYT1 TCBRBYT1= TCBRBYT1
TCBTSFLG= TCBTSFLG TCBFLGS= TCBFLGS SENV=00000000
DEB=00000000 JST=00000000 JLB=00000000 JSCB=00000000
GRES=00000000 NTC=00000000 OTC=00000000 LTC=00000000
SVCA=00000000
```

Explanation: This message is generally a debugging or diagnostic message that is issued by a product only as a result of an earlier abend or other detected failure. It documents the RTCS and MVS environment (state) of the executing task. Processing (whether normal or abnormal) continues.

User response: This message normally accompanies other warning or error messages. For the proper action to take, see the documentation for those messages. If you need further assistance, contact BMC Customer Support.

**OSZ0219E**

Invalid Object Instance Token *ATTR = WHAT WHY*

Explanation: An RTCS function or service routine has been invoked but an RTCS Object Instance Token specified by the caller, in either an explicit or implicit parameter list, is not valid. The Instance Token address might be invalid, or the Instance Token value itself might be invalid. RTCS attempts to determine which of these is the case, if possible, and provides an analysis of the reason for the failure and a probable cause, in the second line of the message. The function, service routine, or method invocation fails.

User response: Contact BMC Customer Support for help resolving this problem if it occurs in a production environment.
OSZ0220E  Error saving Registry TYPE VALUE NAME= NAME into WHAT IFRC= IFRC IFRS= IFRS OIRC= OIRC OIRS= OIRS

*Explanation:* The registry encountered an error storing Registry Instance tracking data into a tracking registry. Processing continues. Registry Instance tracking data might not be available (or complete) for this Registry Instance. As a consequence, the RTCS REGISTRY MVS Operator command might not display all information about (or even the existence of) this Registry Instance.

*User response:* Contact BMC Customer Support.

OSZ0221E  SET COMMAND COMPLETE

*Explanation:* The SET command has completed.

*User response:* No action is required.

OSZ0222E  SET COMMAND SYNTAX ERROR

*Explanation:* The SET command had an invalid syntax. The correct format is SET KEYWORD=value. The command is not processed.

*User response:* Reenter the command with correct syntax.

OSZ0223E  SET COMMAND SUBLIST DETECTED

*Explanation:* The SET command does not allow the specification of a list of values. The command is not processed.

*User response:* Reenter the command with correct syntax.

OSZ0224E  SET COMMAND VALUE TOO LONG

*Explanation:* The value provided was longer that acceptable. The command is not processed.

*User response:* Reenter the command with an acceptable value. See the SET command documentation for details.

OSZ0225E  SET COMMAND VALUE TOO SHORT

*Explanation:* The value provided was shorter that acceptable. The command is not processed.

*User response:* Reenter the command with an acceptable value. See the SET command documentation for details.

OSZ0226E  SET COMMAND CAN ONLY BE PROCESSED BY RTCS

*Explanation:* This SET command can only be processed by the RTCS address space itself. The command is not processed.

*User response:* Reissue the command, directing it to the RTCS address space.
OSZ0228E SET COMMAND INVALID BIT SETTING

Explanation: The value provided must be a valid bit flag representation. The only acceptable values are Y, N, 0 and 1. The command is not processed.
User response: Reissue the command with a valid bit representation.

OSZ0229E SET COMMAND INVALID HEXADECIMAL NUMBER

Explanation: The value provided must be a valid hexadecimal number. The command is not processed.
User response: Reissue the command with a valid hexadecimal number.

OSZ0230E SET COMMAND INVALID DECIMAL NUMBER

Explanation: The value provided must be a valid decimal number. The command is not processed.
User response: Reissue the command with a valid decimal number.

OSZ0231 REGISTRY COMMAND COMPLETE

Explanation: The REGISTRY command was processed without any errors.
User response: No action is required.

OSZ0232E REGISTRY STATUS

Explanation: This heading line is for a multiline response to a REGISTRY STATUS command. Processing continues.
User response: No action is required.

OSZ0233I [LOCAL],[REMOTE],[EXPOSED],[SHARED],[UNSHARED],[UNUSABLE],[VLDSBACK]

Explanation: The message will display values that indicate a certain status attribute. Possible values are:

- LOCAL - Read/Write Registry Data Space is owned by this member.
- REMOTE - This member does not own the registry, but is accessing it via XCF and SysplexRegistry.
- EXPOSED - Registry is exposed for sharing
- SHARED - Registry can be shared via XCF but its current status can be:
  - LOCAL (and not yet exposed)
  - LOCAL+EXPOSED: being shared
  - REMOTE: data space elsewhere neither: a former LOCAL not yet converted to REMOTE, or one that still has the VLDS allocated, but the
data space has been destroyed or is still being created, or one that has unallocated the VLDS.

- **UNSHARED** - Registry cannot be shared.

- **UNUSABLE** - Registry data is not accessible:
  - VLDS/DS is not yet allocated
  - VLDS has been unallocated
  - Ownership is being transferred
  - XCF communications to LOCAL Read/Write owner has failed.
  - No local owner yet exists or the former owner released or transferred the registry and no new local owner has yet appeared.

- **VLDSBACK** - Registry data is contained in a VSAM Linear Data Set (VLDS)

Processing continues.

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

**OSZ0234I**

**[OWNED],[AVAILABLE],[WAS OWNED],[UNALLOCATED],[RELEASED], [TRANSFERRED], [ACQUIRED],[INELIGIBLE]**

**Explanation:** The message will display values that indicate a certain status attribute. Possible values are:

- **OWNED** - This member either has the VLDS open or is the owner of the data space that backs this registry.

- **AVAILABLE** - The registry is available to be accessed.

- **WAS OWNED** - This member is either currently the owner of the registry or it was the owner in the past. Previous owners are eligible to reacquire ownership should the need arise.

- **UNALLOCATED** - This member has unallocated the VLDS by operator request. Other members do not automatically acquire the VLDS to take ownership in this situation.

- **RELEASED** - This member has unallocated the VLDS and any other member can acquire it in order to take ownership.

- **TRANSFERRED** - This member has unallocated the VLDS and requested that another specific member acquire it in order to take ownership. If the specific member fails to acquire the VLDS for some reason, any eligible member can attempt to do so.
- **ACQUIRED** - This member has allocated the VLDS after its previous owner released the VLDS.

- **INELIGIBLE** - This member is normally not eligible to acquire a VLDS that has been released. However, it might do so under some circumstances such as an operator command or if it believes that it is the last surviving member of the group.

Processing continues.

*User response:* No action is required.

**OSZ0235I**

**GLOBAL**

*Explanation:* The registry can either be allocated to one address space or be made available to all address spaces. Processing continues.

*User response:* No action is required.

**OSZ0236I**

**[SYSTEM], [MEMORY]**

*Explanation:* Certain attributes of this registry are displayed here. The possible values are: SYSTEM - The registry is the RTCS System registry. MEMORY - The registry is the RTCS Memory registry. Processing continues.

*User response:* No action is required.

**OSZ0237I**

**[ALLOCATED], [DIV MAPPED]**

*Explanation:* The message will display values that indicate certain local status attributes. Possible values are:

- **ALLOCATED** - The VLDS is allocated to this registry.

- **DIV MAPPED** - The backing VLDS has been mapped into storage.

Processing continues.

*User response:* No action is required.

**OSZ0238I**

**DIV-SAVE-MIN =, DIV-SAVE-MAXIMUM =**

*Explanation:* The registry might be a DIV MAPPED VLDS. If so, it is saved on a periodic basis based upon certain parameters. Saving too often can cause performance problems, and saving too infrequently can lead to loss of data. Processing continues.

*User response:* Reissue the command with a valid decimal number.

**OSZ0239I**

**DIV-SAVE-IDLE =, DIV-SAVE-LIMIT =**

*Explanation:* The registry might be a DIV MAPPED VLDS. If so, it is saved on a periodic basis based upon certain parameters. Saving too often can cause
performance problems, and saving too infrequently can lead to loss of data. Processing continues.

User response: Reissue the command with a valid decimal number.

OSZ0240I DSN= VOLSER=

Explanation: If there is a VLDS associated with this registry, its name is displayed. The volume serial number might also be displayed. Processing continues.

User response: No action is required.

OSZ0241I DDN=

Explanation: If there is a VLDS associated with this registry and it is allocated, the DDN associated with the VLDS is displayed. Processing continues.

User response: No action is required.

OSZ0242I XCF MBR= GROUP= OWNER=

Explanation: If the registry is exposed, XCF is used to make it available to all LPARs in the SYSPLEX. This message displays the XCF group name used to share this registry along with the XCF member name used by this address space. The XCF member name of the job that currently owns the registry is also displayed. Processing continues.

User response: No action is required.

OSZ0243I MEMBER SYSID JOB NAME

Explanation: This heading line is for message OSZ0244I, which displays information about each member of the XCF group. If the registry is not exposed, this line and the OSZ0244I lines will not be displayed. Processing continues.

User response: No action is required.

OSZ0244I MEMBER SYSID JOBNAME

Explanation: This detail line provides information about one member of the XCF group. This message is only displayed if the registry has been exposed. Processing continues.

User response: No action is required.

OSZ0245I END OF STATUS DISPLAY

Explanation: This marks the end of the registry status display. Processing of the registry status display is complete.

User response: No action is required.
OSZ0246E  SYNTAX ERROR

Explanation: The registry command was entered with incorrect syntax. Either the operation could not be determined or one of the keyword parameters was not recognized. The command is not processed.

User response: Reissue the command with correct syntax.

OSZ0247E  CANNOT LOCATE DEFAULT REGISTRY

Explanation: No parameters were specified to identify a specific registry. By default, the last (and probably only) registry connected to the address space will be used. However, it appears that this address space does not have any registries. The command is not processed.

User response: Reissue the command to an address space that has a registry.

OSZ0248E  CAN ONLY BE ISSUE TO RTCS ADDRESS SPACE

Explanation: This registry command can only be issued to the RTCS address space. The command is not processed.

User response: Reissue the command, directing it to the RTCS address space.

OSZ0249E  VALIDATION FAILED FOR REGISTRY

Explanation: The DDN or DSN entered could not be found in the current address space. The command is not processed.

User response: Reissue the command with a valid DDN or DSN or issue the command to the correct address space.

OSZ0250E  VALIDATION FAILED FOR REGISTRY

Explanation: This registry command requires an additional parameter. The command is not processed.

User response: Reissue the command with all the required parameters.

OSZ0251E  TOO MANY PARAMETERS

Explanation: Extraneous parameters were detected on the registry command. The command is not processed.

User response: Reissue the command without the extra parameters.

OSZ0252E  CANNOT LOCATE DSN

Explanation: The DSN specified could not be located in the catalog. The command is not processed.

User response: Reissue the command with a valid DSN.

OSZ0253E  INVALID NUMBER

Explanation: The value provided must be a valid number. The command is not processed.

User response: Reissue the command with a valid number.
OSZ0254E  INVALID MEMBER NAME
Explanation: The member name is not part of the XCF group that is associated with this register. The command is not processed.
User response: Reissue the command with a valid member name.

OSZ0255E  CAN ONLY BE ISSUED BY REGISTRY OWNER
Explanation: This register command can only be issued to the address space that currently owns the registry. The command is not processed.
User response: Reissue the command to the address space that owns the registry. This address space might be on another LPAR in the SYSPLEX.

OSZ0256E  REQUEST FAILED, RSN=
Explanation: The registry request failed with the indicated reason code being returned by the registry object. The command is not processed.
User response: Contact BMC Customer Support and provide this reason code.

OSZ0257I  APPROXIMATELY RS=BYTES AlLOCATED, RS=% FORMATTED
Explanation: This message shows the current approximate size of the registry and the amount that is formatted. The registry is formatted in large chunks, so the percent formatted represents a number that is slightly higher than the current usage. Processing continues.
User response: No action is required.

OSZ0259I  Connected address spaces
Explanation: This header line is for the display of address spaces currently connected to RTCS. The list of connected address spaces follow.
User response: No action is required.

OSZ0260I  End of display
Explanation: All the address spaces have been displayed or the WTO detail limit has been reached.
User response: No action is required.

OSZ0261I  Job Name Job Id ASID
Explanation: This message displays a header line for details that will follow.
User response: No action is required.

OSZ0262I  JOB ID ASID
Explanation: This address space is connected to RTCS.
User response: If RTCS is waiting for this address space to disconnect before it can terminate, some action might be required.
OSZ0263I  SHUTDOWN,LIST completed
Explanation: The SHUTDOWN,LIST command has completed listing all connected address spaces.
User response: No action is required.

OSZ0264E  Non-numeric delay
Explanation: The delay time is non-numeric. The SHUTDOWN command cannot be executed.
User response: Enter a correct SHUTDOWN command.

OSZ0265E  Delay too large
Explanation: The SHUTDOWN command specified a delay time greater than 5 minutes. The SHUTDOWN command cannot be executed.
User response: Reenter the SHUTDOWN command with a suitable delay time specified.

OSZ0266E  Delay is zero
Explanation: The SHUTDOWN command contained a delay time of zero. The SHUTDOWN command cannot be executed.
User response: Reenter the SHUTDOWN command with a suitable delay time specified.

OSZ0267E  Syntax error
Explanation: The parse routine detected a syntax error in the delay field. The SHUTDOWN command cannot be executed.
User response: Reenter the SHUTDOWN command with a suitable delay time specified.

OSZ0268E  Too many parameters
Explanation: Extraneous parameters detected. The SHUTDOWN command cannot be executed.
User response: Reenter the SHUTDOWN command without the extraneous parameters.

OSZ0270I  SYSEVENT MACRO successful, address space is STATUS
Explanation: The indicated SYSEVENT macro has completed successfully, after a request by an RTCS-dependent product or the RTCS Generalized Server to change the swappable status of the MVS address space. Processing continues normally.
User response: No action is required.
OSZ0271W  SYSEVENT MACRO failed, INFO

Explanation: The indicated SYSEVENT macro was not completed successfully. Processing continues. The RTCS-dependent product might or might not consider this as an error resulting in product termination.

User response: Contact BMC Customer Support.

OSZ0272E  OSZEXEC PSWKEY was not able to initiate PRODPKG LOADed from SOURCE DSNAME= SOURCE FAILURE CSVQUERY OUTATTR= ATTR OUTVALID= VALID SERVICE= SERVICE R15= R15 R0= R0 PRODUCT/ PACKAGE/PROGRAM= PPDESC

Explanation: The RTCS Generalized Server (EXEC PGM=OSZEXECn) was unable to successfully load or attach the initial package for a utility program or a designated product. Generalized Server execution fails.

User response: Correct the identified errors and submit the job or start the started task (STC) again.

OSZ0273E  LOAD for program with EP= EPNAME failed, Reason Code= ABENDRS ABEND Code= ABENDCC Library is APFN APF-authorized on VOL=SER= VOLSER from DDN= DDNAME DSNAME= DSNAME

Explanation: An attempt to load a load module or program object whose entry point name is indicated failed. RTCS averts the abend that a load would normally issue, and reports the abend completion code and abend reason code that was returned by the LOAD macro. An error return code with appropriate reason code is returned to the application. Further processing is likely to fail, but that is application dependent.

User response: If possible, determine the cause of the LOAD failure and correct the problem. Errors such as an entry point not found can be corrected by spelling the EP name correctly, or specifying the correct data set from which it is to be loaded. If the data set needs to be APF-authorized, add the DSNAME of the program or load module library to the APF list on the MVS image where it needs to be executed. If you are not able to determine the cause of the problem, contact BMC Customer Support.

OSZ0274I  Task termination in progress for TCBSTAT TCB= TCB PSATOLD= PSATOLD TCBDEB= TCBDEB

Explanation: The task whose TCB address is indicated is undergoing termination. This termination could be a normal task termination or an abnormal task termination (for example, an abend). Task termination proceeds in the usual manner depending on the type of termination that is occurring.

User response: If abnormal task termination is indicated and the cause cannot be determined, contact BMC Customer Support.

OSZ0275I  OSZDVMAP destroy called JOB= JOBNAME PASN / SASN / HASN TCB= TCB in TCBSTAT TCB

Explanation: An RTCS DIV MAP Manager instance is attempting to begin the orderly shutdown of access to its associated MVS Data Space.
The DIV MAP Manager instance destructor will attempt to continue its normal instance termination processing. If the DIV MAP to MVS data space relationship has already been severed by the time this message is issued (by MVS as part of normal or abnormal task termination), subsequent destruction processing might fail with various error messages.

User response: If this message occurs frequently and the cause cannot be determined, contact BMC Customer Support.

**OSZ0276I**

**OSZDSMGR destroy called JOB= JOBNAME PASN / SASN / HASN TCB= TCB called by some other task TIME earlier, so errors may occur**

Explanation: An RTCS Data Space Manager instance began the orderly shutdown of its access to and deletion of the associated MVS Data Space, and found that the process had already been initiated for this Data Space Manager instance (probably from some other task in the address space).

The Data Space instance destructor will attempt to continue its normal instance termination processing. If the Data Space instance has already been destroyed by the time this message is issued, subsequent destruction processing might fail with various error messages. If the other task that is attempting to destroy the Data Space instance becomes nondispatchable for some reason, the Data Space instance destruction proceeds in this task. The other task will issue error messages.

User response: If this message occurs frequently and the cause cannot be determined, contact BMC Customer Support.

**OSZ0277E**

**OSZDSMGR DSPSERV DELETE/Data Space DELETE request ABENDed Completion_Code= COMPCODE Reason_Code= REASONCD Return_Code= RETURNCD**

Explanation: During the destruction of a Data Space Manager object instance, the MVS DSPSERV DELETE service that was invoked to delete the MVS Data Space abended. This behavior can be expected to occur during certain abnormal termination events, such as after an address space has been canceled by the operator, or during product address space termination or shutdown after some abnormal event. It should not occur during normal operation or normal product address space termination. Normal associated object instance destruction proceeds.

User response: Contact BMC Customer Support.

**OSZ0288E**


Explanation: A program has attempted to call an OBJECT METHOD function for an RTCS kernel or Product Object. However, one or more errors were
detected during validation of the parameters provided by the calling program, which are specific for the CLASS and METHOD function the program expects to be invoked. The caller might have specified an invalid object instance token, or a valid, but incorrect object instance token, or an incorrect CLASS or METHOD name, or some other incompatible parameter.

The Object Method function invocation is rejected; the call fails with an error return code. Subsequent errors are likely to be caused by this failure.

User response: This message usually indicates a problem in RTCS or in an RTCS-dependent product. However, it can also occur after an abend or an abnormal termination in an RTCS-dependent product; in such a case, it does not indicate an error, but is simply a normal result of actions that RTCS takes to protect the MVS system. If you cannot determine the cause of this message, contact BMC Customer Support. Set a MSGID SLIP trap for this message ID (OSZ0288E), and request that a system dump be taken. For example, the following SLIP command could be entered as a subcommand of the TSO OPER command:

```
SLIP SET,EN,ID=RTCS,MSGID=OSZ0288E,J=jobname,MATCHLIM=1, JOBLIST=(jobname,OSZRTCS),SDATA=(RGN,CSA,TRT,GRSQ), ACTION=SVCD,DSPNAME=(CU.*, 'OSZRTCS', *),END
```

In this SLIP command example, `jobname` represents the (optional) job name of the address space where the OSZ0288E message is expected to be issued, and OSZRTCS is the RTCS subsystem address space job name. Other address spaces might need to be dumped if the message is being issued in batch application jobs or TSO user address spaces, or certain BMC product address spaces. This SLIP command is only an example. For assistance in creating a SLIP command, contact BMC Customer Support.

OSZ0289E

**VSAM Linear Data Set that is allocated to DDNAME= DDNAME VOL=SER= VOLSER,DSNAME= DSNAME was defined with insufficient primary SPACE (only PBALLOC 4K blocks) For this type of Registry, a minimum of BNEEDED 4K blocks are needed**

NOTE: A 3390 CYLinder contains 180 4K blocks in a LINEAR data set.

**Explanation:** Insufficient primary SPACE is contained in the indicated VSAM Linear Data Set (VLDS) for the type of registry that needs to be backed by this VSAM LINEAR data set CLUSTER. The RTCS subsystem system registry must be backed by a VLDS to which at least 16,384 4K blocks (64MB) of space has been allocated. Most other registry types require a minimum of 16MB of space, which is 4,096 4K blocks.

Registry initialization fails. If this registry is the RTCS subsystem system registry, RTCS subsystem initialization fails.

**User response:** Use IDCAMS or JCL to delete the VSAM LDS CLUSTER. Then use IDCAMS or JCL to define the LINEAR CLUSTER with sufficient primary space. A VLDS to be used to back the RTCS subsystem system registry must contain at least 64MB of space, which is 16,384 4K blocks, or a minimum of 92 CYLinders on a 3390 DASD device.
OSZ0290I  Required PPT definition for PGMNAME( PROGRAM ) was added

Explanation: The indicated RTCS program name was not defined in the MVS Program Properties Table (PPT) currently in effect for the MVS image on which the RTCS Initiator is executing.

RTCS has dynamically defined an entry for this program in the current PPT, because the RTCS initialization member (typically named OSZINInn) specified the PPT_ADD_REQUIRED_PROGRAMS option. If not specified, this option is the default.

User response: Required PPT PGMNAME() entries for RTCS programs should be defined in the PPT (logical PARMLIB members named SCHEDxx, specified via the SCH parameter in the IEASYSxx member used at IPL).

OSZ0291I  Incorrect PPT definition for PGMNAME( PROGRAM ) was repaired

Explanation: The definition for the indicated RTCS program name in the MVS Program Properties Table (PPT) that is currently in effect for this MVS image is not correct.

RTCS has dynamically updated the entry for this program in the current PPT to correct it, because the RTCS initialization member (typically named OSZINInn) specified the PPT_FIX_INVALID_PROGRAMS option. If not specified, this option is the default.

User response: Ensure that the PPT PGMNAME() entries are specified correctly.

OSZ0292I  FUNCTION R15/RC= RC R0/RSN= RSN TEXT

Explanation: This diagnostic message is produced when a service function that was invoked by RTCS returns a nonzero return code or reason code. This message follows a previous message that indicates the service or function that failed. Processing continues as described for the previous message.

User response: See the appropriate IBM or BMC documentation for an explanation of the return and reason codes.

OSZ0293W  Optional PPT definition for PGMNAME( PROGRAM ) not present

Explanation: The indicated RTCS program is not defined in the MVS Program Properties Table (PPT) currently in effect for the MVS image on which the RTCS Initiator is executing.

RTCS initialization continues normally. If PPT_ADD_ALL_RTCS_PROGRAMS is specified in the RTCS initialization member (typically named OSZINInn), optional RTCS PPT PGMNAME() entries will be defined in the current PPT dynamically.

User response: Ensure that even optional PPT PGMNAME() entries for RTCS programs are defined in the PPT, because future product requirements or RTCS PTFs could make them required PPT entries.
OSZ0294E  Required PPT definition for PGMNAME( PROGRAM ) is missing
RESOURCE destroyed

Explanation: The indicated RTCS program is not defined in the MVS Program Properties Table (PPT) currently in effect for the MVS image on which the RTCS Initiator is executing.

RTCS initialization continues normally. If PPT_ADD_REQUIRED_PROGRAMS is specified in the RTCS initialization member (typically named OSZINInn), required RTCS PPT PGMNAME() entries will be defined in the current PPT dynamically; if this option is not specified, and PPT_VERIFY_RTCS_PROGRAMS is specified, RTCS initialization will fail.

User response: Ensure that all required PPT PGMNAME() entries for RTCS programs are defined in the PPT.

OSZ0295E  Existing PPT definition for PGMNAME( PROGRAM ) is incorrect

Explanation: The definition for the indicated RTCS program in the MVS Program Properties Table (PPT) that is currently in effect for this MVS image is not correct.

RTCS initialization continues normally. If PPT_FIX_INVALID_PROGRAMS is specified in the RTCS initialization member (typically named OSZINInn), incorrectly defined RTCS PPT PGMNAME() entries will be corrected in the current PPT dynamically; if this option is not specified, and PPT_VERIFY_RTCS_PROGRAMS is specified, RTCS initialization will fail.

User response: Ensure that existing PPT PGMNAME() entries for RTCS programs are defined correctly in the PPT.

OSZ0296I  All optional and required RTCS program PPT definitions verified

Explanation: All RTCS programs that should be defined in the MVS Program Properties Table (PPT) are already correctly defined in the PPT currently in effect for the MVS image on which RTCS Initialization is executing. Processing continues normally.

User response: No action is required.

OSZ0297E  Internal error in ECSA PPT structure, errors may occur starting RTCS

Explanation: The MVS Program Properties Table (PPT) has failed validity checking implemented by the RTCS Initiator or subsystem. RTCS initialization attempts to continue without further PPT processing.

User response: Contact BMC Customer Support. To obtain diagnostic information for this problem, set a message ID SLIP trap for this message ID (OSZ0297E) to cause an address space and common storage area dump to be taken.
The PPT (SCHEDxx) entry for OSZSIRIS is incorrect or is not present in the current PPT members

Explanation: The RTCS Initiator (program name OSZSIRIS) has been invoked but did not receive control in the expected key (zero). This problem is typically caused when the current Program Properties Table (PPT), member SCHEDxx in the MVS Logical PARMLIB data set (for example, SYS1.PARMLIB), does not contain an entry for OSZSIRIS as expected. It can also occur if a SCHEDxx member cloned from the OSZSCHED member distributed with RTCS contains the proper PPT entries, but has not yet been activated. Although a PPT entry for OSZSIRIS is not required for RTCS to initialize, it eliminates the need to reenter the PPT entries each time a SET SCH=MVS operator command is issued.

Processing continues normally if OSZSIRIS received control in APF-authorized mode.

User response: To eliminate this message, ensure that a SCHEDxx member containing a PPT PGMNAME(OSZSIRIS) KEY(0) SYST entry for OSZSIRIS for this MVS image is in effect.

Downlevel package PACKAGE (FMID= FMID RMID= RMID RT_VRMC= VRMC CPAT= CPAT) in DLPA replaced

Explanation: The DLPA-resident package indicated is downlevel (for the current level of the RTCS kernel). The package will be reLOADed into DLPA.

User response: No action is required.

Messages OSZ0400 through OSZ0499

This group includes messages for the Runtime Component System product.

Object Manager Key KEY OSZTRACE table build failed - Kernel cannot start

Explanation: During Runtime Component System (RTCS) subsystem kernel initialization, an internal function to build an OSZTRACE table for the Object Manager failed. RTCS initialization terminates. Products that depend on RTCS will not be able to run.

User response: Contact BMC Customer Support.

ABEND processing ESM messages foras() SAFP=MSAD=

Explanation: The Runtime Component System (RTCS) Security Manager has invoked a RACROUTE macro instruction that can return messages. An abend occurred while messages were being extracted from the returned message area.

Message retrieval is terminated. Any messages that have been retrieved are returned to the caller. The SAF message return area is not freed. A dump is
produced to document the problem. The External Security Manager (ESM) function being invoked by the RACROUTE macro might not have been completed successfully. This failure might result from a message that is improperly formatted because of an abend in the ESM, SAF, or SAF installation exit. Depending on the function that was being performed and other validity checks that take place, the RTCS Security Manager process that was running might be terminated with an apparent false error. This error might result in resource access authorization being incorrectly denied, or rejection of a signon or inherit request. It might continue, as in the normal case, with the abend just being noted for subsequent investigation.

**User response:** This problem is caused by an error in the Security Manager code or an error in the ESM. This problem has occurred in certain ESMs that format the message area incorrectly. This formatting leads to unexpected abends because length fields are set incorrectly. Contact BMC Customer Support for assistance with this problem. If maintenance has been applied to your ESM immediately prior to the appearance of this problem, contact your ESM vendor for additional assistance.

**OSZ0403E**  
**ABEND performing RACROUTE trace for as() SAFP=**

**Explanation:** The Runtime Component System (RTCS) Security Manager has invoked a RACROUTE macro instruction that has completed execution and returned control to RTCS. An abend occurred during the generation of trace messages that indicate which RACROUTE macro was invoked, what the macro's parameters were, and what results were returned by SAF and the External Security Manager (ESM).

Trace message construction is terminated. Any messages that have already been constructed are issued and either displayed on the appropriate target or returned to the caller. A dump is produced to document the problem. The ESM function that was just invoked by the RACROUTE macro presumably has been completed successfully, although this abend could have been the result of an undetected problem. Normal processing will continue with this abend being noted for subsequent investigation.

**User response:** This problem could be an error in the Security Manager code or in the ESM. Contact BMC Customer Support for assistance in determining the source of this problem. If maintenance has been applied to your ESM immediately prior to the appearance of this problem, contact your ESM vendor for additional assistance.

**OSZ0408E**

**USER() GROUP(AUTHOPTS) NAME(PERFORM FAIL TESTING)CL() VOL(VVVVVV) INSUFFICIENT ACCESS AUTHORITY FROM(?) ACCESS ALLOWED(?)**

**Explanation:** This message is issued when a product requests that the RTCS Security Manager simulate a situation where the External Security Manager (ESM) has denied access to a resource. This facility is intended for development
and testing only. If this message is encountered in a production environment, an error exists in the RTCS client product, or in the RTCS Security Manager.

The logical or physical resource access authorization request is denied - just as if the External Security Manager (ESM) had been invoked to authorize access to the resource and it was not granted.

*User response:* Verify that access to the requested resource has been denied. The message might indicate the actual resource name to which access was requested. This message is intended for testing only. If this message is encountered in a production environment, contact BMC Customer Support.

**OSZ0419E**

**ESMTYPE(TSS) specified, but no RCVT, RCVTID NE RTSS, or TSS inactive**

*Explanation:* ESMTYPE(TSS) was specified in the Global Security Parameters of the Runtime Component System (RTCS) system registry. However, no TSS RCVT exists, or if it does, the RCVTID field is not RTSS, or TSS is marked in the TSS RCVT as inactive or deactivated.

RTCS Security Manager initialization for ESMTYPE(TSS) is not completed, and ESMTYPE(NONE) is forced. Products that depend on a fully-functioning RTCS Security Manager ESM interface will not be able to run.

*User response:* Correct the problem by specifying the correct ESMTYPE for the active External Security Manager (ESM) for this MVS image in the RTCS system registry by executing the RTCS Registry Import Utility to update the Global Security Properties. Specify ESMTYPE(AUTO) if the specific ESM is not known, and then issue the following operator command: F RTCS,REFRESH,SECURITY. This command causes RTCS to reread the Global Security Parameters in the system registry and reinitializes the RTCS Security Manager.

**OSZ0421I**

**User on= Group=**

*Explanation:* A Runtime Component System (RTCS) Security Manager SecurityIdentity object was successfully created. A new External Security Manager (ESM) security environment or an existing ESM security environment has been associated with the new RTCS SecurityIdentity object instance. Processing continues normally.

*User response:* This message can be used to confirm that the correct internal User ID and GROUP name was established for the specified external User ID and GROUP IDENT, and to determine or confirm the actual APPLication name that is being used by the product.

**OSZ0422I**

**User x on y signed off() Group()**

*Explanation:* This message indicates the successful destruction of an External Security Manager (ESM) security environment and its corresponding Runtime

User response: If problems occur, this message can be used to confirm that the correct internal User ID and GROUP name was established for the specified external User ID and, potentially, GROUP IDENT, and to determine or confirm the actual APPLication name that was being used by a product.

OSZ0423E

<message text>

Explanation: The Runtime Component System (RTCS) Security Manager has invoked a RACROUTE macro instruction that returned an unrecognized message in the returned message area. The message ID indicates the actual source of the message.

User response: If the ESM-returned message is not unusual, report this message to BMC Customer Support so that the message ID can be added to the recognized ESM message ID table in the RTCS Security Manager.

OSZ0428E

Security ESMTYPE(NONE) forced due to indicated problem

Explanation: Because of some problem that was detected and indicated by error messages previously issued, the Runtime Component System (RTCS) External Security Manager (ESM) interface will execute as if ESMTYPE(NONE) had been explicitly specified for RTCS. The RTCS Global Security Parameters option ESMTYPE(NONE) will be made effective. The RTCS Security Manager will not be able to perform most required processing until the problem is corrected.

User response: Correct the previously-indicated problem, and then reinitialize the RTCS Security Manager by entering the following operator command: F RTCS,REFRESH,SECURITY, where RTCS is the MVS subsystem name specified for use by RTCS. If the problem is due to an MVS image or OEM vendor program product configuration issue, you will need to IPL the MVS image first. If the problem is an RTCS Security Manager registry-resident data structure configuration issue, the RTCS Registry Import Utility program might be executed to update the security parameters, provided that you have at least ALTER (RACF), ALLOC (ACF2), or CREATE (TSS) level authority to the VSAM linear data set cluster allocated to back this MVS image's system registry. If the problem happened during RTCS product installation configuration, correct the problem and then rerun the appropriate RTCS Registry Import Utility job that failed or specified incorrect RTCS Global Security parameters. After running the RTCS Registry Import Utility, use the REFRESH,SECURITY command to reinitialize the RTCS Security Manager.

OSZ0429E

is not supported by this PTF level or release of RTCS

Explanation: The indicated External Security Manager (ESM), or ESM version, release, or PTF level is not supported by this version and release, or PTF level, of the Runtime Component System (RTCS). RTCS subsystem initialization
terminates. It is not possible to run RTCS or products that depend on RTCS on this MVS image.

User response: Contact BMC Customer Support to determine whether a PTF for your release or a later release of RTCS is now available that supports the indicated ESM or ESM function.

OSZ0430W  RACF VRMN() not recognized - version() assumed

Explanation: The Runtime Component System (RTCS) has determined that RACF is the actual External Security Manager (ESM) that is active on this MVS image. However, the version of RACF indicated in RCVTVRMN is not recognized by RTCS. RTCS attempts to guess at the actual level of RACF that is active on the MVS image based on the underlying version and release of OS/390 or z/OS and the indicated RACF level.

User response: Report this problem, along with the contents of message OSZ0447I, to BMC Customer Support. Confirm that the assumed level of RACF indicated in the message is either at or below the actual installed RACF level. If a higher level of RACF is being used, some functions might not be available. If available, consider migrating to a later release of RTCS that supports your installed level of RACF.

OSZ0431I  Security ESMTYPE() was explicitly specified

Explanation: This message documents a specific ESMTYPE specified in the Global Security Parameters registry structures. Normally, this value should be left at the default, ESMTYPE(AUTO). However, sites can customize this option if the Runtime Component System (RTCS) Security Manager is not able to automatically determine the actual External Security Manager (ESM) that is installed on this MVS image. The RTCS Security Manager Security Service object initialization proceeds normally.

User response: Confirm that the indicated ESMTYPE is the actual intended value that is customized in the RTCS Security Manager Global Security Parameters registry structure.

OSZ0432I  Security ESMTYPE() selected by ESMTYPE(AUTO)

Explanation: No specific ESMTYPE was specified in the Global Security Parameters registry structure because the ESMTYPE option was left at its default value, ESMTYPE(AUTO). The Runtime Component System (RTCS) Security Manager Security Service object initialization has determined that the ESM that is being used on this MVS image is the indicated value. The RTCS Security Manager Security Service object initialization proceeds normally.

User response: Confirm that the indicated ESMTYPE is appropriate. If not, you can customize this option in the Global Security Parameters registry structure if the RTCS Security Manager is unable to automatically determine the actual ESM that is installed on this MVS image.
OSZ0433W  Global Security Parameters registry entry

Explanation: The indicated set of Global Security Parameters (either BASE or CUST) in the Runtime Component System (RTCS) system registry cannot be used because of an error (indicated by the STATUS).

If the indicated set of parameters is BASE and the entry status is Missing, RTCS uses the standard set of default values. These values are established when the system registry is initialized for the first time by using the RTCS Registry Import Utility.

If the indicated set of parameters is CUST and the entry status is Missing, there is no CUST Global Security Parameters entry in the RTCS system registry. This situation is not an error because customization of the RTCS Security Manager Global Security Parameters is not required. When the RTCS Security Manager Global Security Parameters are customized, a CUST entry will be created to hold your image-specific customized security parameter values.

If the indicated set of parameters is BASE and the entry status is Invalid, RTCS uses the standard set of default values. The invalid registry entry will not be used. The entry will not be deleted from the registry so that diagnostic action can be taken.

User response: The first time the RTCS subsystem address space is started with a newly allocated, uninitialized RTCS system registry VSAM linear data set (LDS), this message is issued. In that case, the message can be ignored; it indicates that the BASE Global Security Parameters entry is missing because no entries of any type have been placed into the RTCS system registry yet. After the RTCS Registry Import Utility is executed during the remaining steps of MVS image configuration, RTCS establishes the BASE set of registry entries for use by the RTCS Security Manager. This message will no longer be issued when the RTCS subsystem address space is started and initialized.

If the Registry Import Utility has been run and the RTCS system registry has been initialized (to contain the BASE Global Security Parameters entry), the VSAM LDS could have been damaged. In this case, contact BMC Customer Support so that the nature of the registry damage can be determined.

An invalid BASE registry entry can be replaced by rerunning the RTCS MVS image configuration job that was used to initialize the RTCS system registry the first time after the VSAM LDS was allocated. If you used the Desktop Installation Assistant (DIA) to configure the MVS image, this is job number 90 in the DIA installation data set (OSZINST). This job executes the Registry Import Utility to import the XML-format registry import files for the RTCS product:

```
//IMPORT  EXEC PGM=OSZEXEC8,TIME=1,REGION=4M,
//         PARM='P=OSZRGIMP,C=BMCPROD'
//*  IMPORT XML-FORMAT RTCS SYSTEM REGISTRY IMPORT FILES
//SYSPRINT DD SYSOUT=*
//OSZRXML DD DISP=SHR,DSN=BMC.SMPE.TOSZRXML
```
The preceding IMPORT files redefine all the constant and unmodified RTCS system registry entries, including all the BASE sets provided by the RTCS Security Manager.

**OSZ0434E**  
**ACF2 CVT (ACCVT) does not exist or is invalid**

*Explanation:* ESMTYPE(ACF2) or ESMTYPE(AUTO) was specified in the Global Security Parameters of the Runtime Component System (RTCS) registry. The active External Security Manager (ESM) type in the MVS image appears to be CA-ACF2; however, the ACF2 CVT (the ACCVT control block) does not exist or is invalid. RTCS Security Service initialization fails. If this problem occurs during RTCS subsystem initialization, RTCS initialization terminates. Products that depend on RTCS will not be able to run.

*User response:* If ESMTYPE(ACF2) or ESMTYPE(AUTO) is specified in the Global Security Parameters in the RTCS registry, ensure that ACF2 is the ESM installed on the MVS image where RTCS is being started. Verify that ACF2 completes initialization successfully before the RTCS subsystem is started. The ESM must be fully functional before RTCS subsystem initialization. If ESMTYPE(AUTO) is specified and ACF2 is the ESM installed on the MVS image, check the previously mentioned items. If ESMTYPE(AUTO) is specified and ACF2 is not the ESM installed on the MVS image, contact BMC Customer Support.

**OSZ0435E**  
**ACF2 releases prior to xx are not supported**

*Explanation:* ESMTYPE(ACF2) was specified in the Global Security Parameters of the Runtime Component System (RTCS) registry, or ESMTYPE(AUTO) was specified and the External Security Manager (ESM) active in the MVS image appears to be CA-ACF2. The ACF2 CVT (the ACCVT control block) indicates that the release of ACF2 that is running on this MVS image is prior to the earliest release supported by RTCS, which is specified in the message text.

RTCS Security Service initialization fails. If this problem occurs during RTCS subsystem initialization, RTCS initialization terminates. Products that depend on RTCS will not be able to run.

*User response:* Ensure that ACF2 is the ESM installed on the MVS image where you are attempting to start RTCS. If ACF2 is not installed, contact BMC Customer Support. If ACF2 is installed on this MVS image and it is specified as a supported release, contact BMC Customer Support. If the installed release of
ACF2 is not supported, you will not be able to use RTCS and RTCS-based products on this MVS image.

**OSZ0436E**  
**ACF2 CVT (ACCVT) exists, but ACF2 is inactive**  
*Explanation:* ESMTYPE(ACF2) was specified in the Global Security Parameters of the Runtime Component System (RTCS) registry, or ESMTYPE(AUTO) was specified and the External Security Manager (ESM) active in the MVS image appears to be CA-ACF2. However, the ACF2 CVT (the ACCVT control block) indicates that the ACF2 that is running on this MVS image is inactive or not fully functional.

RTCS Security Service initialization fails. If this problem occurs during RTCS subsystem initialization, RTCS initialization terminates. Products that depend on RTCS will not be able to run.

*User response:* If ESMTYPE(ACF2) was specified in the Global Security Parameters in the RTCS registry, ensure that ACF2 is the ESM installed on the MVS image where RTCS is being started. Also ensure that ACF2 is started and completes its initialization successfully before the RTCS subsystem is started. The ESM must be fully functional before the RTCS subsystem initialization. If ESMTYPE(AUTO) was specified and ACF2 is not the ESM installed on the MVS image, contact BMC Customer Support.

**OSZ0443I**  
**security - SAFSUBSYS() APPLID()**  
*Explanation:* This message is one in a series of messages (OSZ0443I, OSZ0444I, OSZ0445I, OSZ0446I, and OSZ0447I) that documents the Runtime Component System (RTCS) Security Manager processing defaults that are in effect for RTCS and the system, globally (these default values serve as the default values used for these options for the RTCS-based products that do not specifically provide any processing defaults), or for the indicated RTCS-based product.

RTCS subsystem control address space Security Manager Security Service object initialization proceeds, or RTCS-based product object initialization proceeds, using the indicated security processing defaults.

*User response:* Confirm that the values indicated are what were expected, wanted, or customized.

**OSZ0444I**  
**UNDEFINEDUSERINHERIT() UNDEFINEDUSERSIGNON()**  
*Explanation:* This message is one in a series of messages (OSZ0443I, OSZ0444I, OSZ0445I, OSZ0446I, and OSZ0447I) that documents the Runtime Component System (RTCS) Security Manager processing defaults that are in effect for RTCS and the system, globally (these default values serve as the ultimate default values used for these options for RTCS-based products that do not specifically provide any processing defaults), or for the indicated RTCS-based product.

RTCS subsystem control address space Security Manager Security Service
object initialization proceeds or RTCS-based product object initialization proceeds, using the indicated security processing defaults.

User response: Confirm that the values indicated are what were expected, wanted, or customized.

**OSZ0445I**

**GROUPINHERIT() DEFAULTUSERID()**

*Explanation:* This message is one in a series of messages (OSZ0443I, OSZ0444I, OSZ0445I, OSZ0446I, and OSZ0447I) that documents the Runtime Component System (RTCS) Security Manager processing defaults that are in effect for RTCS and the system, globally (these default values serve as the default values used for these options for the RTCS-based products that do not provide any processing defaults), or for the indicated RTCS-based product.

RTCS subsystem control address space Security Manager Security Service object initialization proceeds or RTCS-based product object initialization proceeds, using the indicated security processing defaults.

User response: Confirm that the values indicated are what were expected, wanted, or customized.

**OSZ0446I**

**SECTRACE() TESTMODE()**

*Explanation:* This message is one in a series of messages (OSZ0443I, OSZ0444I, OSZ0445I, OSZ0446I, and OSZ0447I) that documents the Runtime Component System (RTCS) Security Manager processing defaults that are in effect for RTCS and the system, globally (these default values serve as the default values used for these options for the RTCS-based products that do not provide any processing defaults), or for the indicated RTCS-based product.

RTCS subsystem control address space Security Manager Security Service object initialization proceeds or RTCS-based product object initialization proceeds, using the indicated security processing defaults.

User response: Confirm that the values indicated are what were expected, wanted, or customized.

**OSZ0447I**

**ESM() RCVT ID() VRMN() FLGS()**

*Explanation:* This message is one in a series of messages (OSZ0443I, OSZ0444I, OSZ0445I, OSZ0446I, and OSZ0447I) that documents the Runtime Component System (RTCS) Security Manager processing defaults that are in effect for RTCS and the system, globally (these values serve as the default values used for these options for the RTCS-based products that do not provide any processing defaults), or for the indicated RTCS-based product.
RTCS subsystem control address space Security Manager Security Service object initialization proceeds, or RTCS-based product object initialization proceeds, using the indicated security processing defaults.

User response: Confirm that the values indicated are what were expected, wanted, or customized.

OSZ0479E  RACROUTE xxxx ABEND yyyy
Explanation: This message is issued in response to an abend during the processing of a SAF RACROUTE macro instruction. It indicates that a RACROUTE macro instruction was issued and, at some point prior to the successful completion of processing by the indicated External Security Manager (ESM), an abend was detected in the System Authorization Facility (SAF), in the ESM, or in an internal recovery block established by the RTCS Security Manager for the purpose of detecting such an event. This message includes the RTCS "recovery block" return code and reason code (indicates the abend completion code). Depending on the type of RACROUTE macro instruction that was issued, some combination of the following messages will be subsequently issued: OSZ0482I, OSZ0483I, OSZ0484E, OSZ0485I, OSZ0486I, OSZ0487I, OSZ0488I, OSZ0491I, OSZ0492I, OSZ0493I, OSZ0494I, and OSZ0495I.

Processing continues as would normally be the case for an External Security Manager request that failed for some other, conventional reason. For example, if the request that resulted in the abend was a resource access authorization (a RACROUTE REQUEST=AUTH or REQUEST=FASTAUTH) request, the request is denied and access to the resource is not allowed. If the request that resulted in the abend was an end user system entry validation (a signon request), the signon is failed and access to the system is not granted.

User response: Review this message and any related messages. In some cases, retrying the request by repeating the action that resulted in the ESM invocation will not result in the same abend, since SAF and ESM abends are sometimes transient events.

OSZ0480E  RACROUTE xxxx ERROR yyyy
Explanation: This message is issued in response to a request to trace Security Manager functions. It indicates that a RACROUTE macro instruction was issued and has been processed by the indicated External Security Manager (ESM), but the System Authorization Facility (SAF) return code together with the ESM return codes and reason codes either indicate an error or do not match what was expected by the RTCS Security Manager. This message includes the SAF return code, the ESM return code, and the ESM reason code. Depending on the type of RACROUTE macro instruction that was issued, some combination of the following messages will be subsequently issued: OSZ0482I, OSZ0483I, OSZ0484E, OSZ0485I, OSZ0486I, OSZ0487I, OSZ0488I, OSZ0491I, OSZ0492I, OSZ0493I, OSZ0494I, and OSZ0495I.
Processing continues normally, but the request is generally denied. For example, if the request that resulted in the error was a resource access authorization (a RACROUTE REQUEST=AUTH or REQUEST=FASTAUTH) request, the request is denied and access to the resource is not allowed. If the request that resulted in the error was an end user system entry validation (a sign on request), the sign on is failed and access to the system is not granted.

User response: Review this message and any related messages.

**OSZ0481I**

**RACROUTE xxxx TRACE yyy**

*Explanation:* This message is issued in response to a request to trace RTCS Security Manager ESM interface functions. It indicates that a RACROUTE macro instruction was issued and has been processed by the indicated External Security Manager (ESM). This message includes the System Authorization Facility (SAF) return code, the ESM return code, and the ESM reason code. Depending on the type of RACROUTE macro instruction that was issued, some combination of the following messages will be subsequently issued: OSZ0482I, OSZ0483I, OSZ0484E, OSZ0485I, OSZ0486I, OSZ0487I, OSZ0488I, OSZ0491I, OSZ0492I, OSZ0493I, OSZ0494I, and OSZ0495I. Processing continues normally.

User response: Review this message and any related messages.

**OSZ0482I**

*-SUBSYS= REQSTOR= MS= VR= FLGS=

*Explanation:* This message is issued immediately following one of the following three messages: OSZ0479E, OSZ0480E, and OSZ0481I. This message indicates the System Authorization Facility (SAF) SUBSYS (subsystem) and REQSTOR (control point) names that were passed to the External Security Manager (ESM) in the RACROUTE macro that was issued. The address of the message area returned by the ESM is indicated, along with an internal flag byte that indicates the actual or implied release of the RACROUTE macro parameter list expansion, and two flag bytes that are also used internally by SAF and the ESM. Processing continues normally, depending on which message preceded this message.

User response: Review the previous OSZ0479E, OSZ0480E or OSZ0481I message, this message, and any immediately following, related messages (such as OSZ0483I, OSZ0484E, OSZ0485I through OSZ0488I, and OSZ0491I through OSZ0495I).

**OSZ0483I**

**REQUEST= ACEE=**

*Explanation:* This message is issued following message OSZ0482I, and will be issued in all circumstances in which that message is issued. This message includes a more technical description of the RACROUTE macro instruction that was issued by the RTCS Security Manager, as well as the accessor environment element (ACEE) address if one is involved in the indicated RACROUTE REQUEST= type. If there is an ACEE, the internal (ESM) user ID will be exhibited. Lastly, the message specifies the original external user ID for which the request is being processed. Depending on the type of RACROUTE macro instruction that was issued, some combination of the following messages will
subsequently be issued: OSZ0484E, OSZ0485I, OSZ0486I, OSZ0487I, OSZ0488I, OSZ0491I, OSZ0492I, OSZ0493I, OSZ0494I, and OSZ0495I. Processing continues normally.

User response:  Review this message and any related messages.

**OSZ0484E**  
-SAFPREQT=X'" is not a recognized RACROUTE request type

*Explanation:* This message is issued after messages OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I and OSZ0483I, when the RACROUTE macro instruction type is either invalid or is not supported by the code that is producing this series of diagnostic RACROUTE trace messages. This message could indicate that the System Authorization Facility (SAF) parameter list (SAFP) has been incorrectly overlaid or that the RTCS Security Manager RACROUTE trace code needs to be updated to properly process the indicated RACROUTE REQUEST= type.

No more diagnostic trace messages for this RACROUTE macro are issued since the RTCS Security Manager is not able to determine the format of the SAF parameter list.

User response:  Contact BMC Customer Support.

**OSZ0485I**  
-APPL=CLASS=GLOBAL=FILTER=

*Explanation:* This message is issued after messages OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I and OSZ0483I, when the RACROUTE macro that was executed specified REQUEST=LIST. This message indicates the application ID for the instance of the requesting product, the resource CLASS name for which the resource list create or delete request was made, whether a global list was requested, and the entity name filter specified by the resource manager. Processing continues normally.

User response:  Review the previous OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I and OSZ0483I messages, and this message.

**OSZ0486I**  
-APPL=CLASS=ATTR=LOG=

*Explanation:* This message is issued after messages OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I and OSZ0483I, when the RACROUTE macro that was executed specified REQUEST=AUTH, or REQUEST=FASTAUTH with APPL= and/or LOG= specified. This message indicates the application ID for the instance of the requesting product, the resource CLASS name, the access INTENT, and the LOG options specified with the request. Processing continues normally.

User response:  Review the previous OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I and OSZ0483I messages, this message, any subsequent OSZ0487I message, and the subsequent OSZ0491I message (and its following messages, if any).
**OSZ0487I -VOLSER=**

*Explanation:* This message is issued after messages OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I, OSZ0483I, and OSZ0486I, when the RACROUTE macro that was executed specified REQUEST=AUTH, CLASS=DATASET, and a DASD volume serial (VOLSER) was provided by the requesting product. This message indicates the VOLSER on which the data set, or its catalog, resides. Processing continues normally.

*User response:* Review the previous OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I, OSZ0483I, and OSZ0486I messages, this message, and the subsequent OSZ0491I message (and its related messages, if any).

**OSZ0488I - CLASS=ATTR=**

*Explanation:* This message is issued after messages OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I and OSZ0483I, when the RACROUTE macro that was executed specified REQUEST=FASTAUTH without either the APPL or the LOG options specified. This message indicates the resource CLASS name and the access INTENT specified with the request that were passed to the External Security Manager (ESM). Processing continues normally.

*User response:* Review the previous OSZ0479E, OSZ0480E or OSZ0481I, and OSZ0482I and OSZ0483I messages, this message, and the subsequent OSZ0491I message (and its following messages, if any).

**OSZ0491I -ENTITY=**

*Explanation:* This message is issued after some combination of the following messages: OSZ0480I, OSZ0481E, OSZ0482I, OSZ0485I, OSZ0486I, and OSZ0487I. This message specifies the length and up to 50 characters of the resource ENTITY name passed to the External Security Manager (ESM) as part of a RACROUTE AUTH or FASTAUTH request. If the resource ENTITY name exceeds 50 characters, one or more subsequent messages with message IDs OSZ0492I, OSZ0493I, OSZ0494I, and OSZ0495I (as many as necessary to completely exhibit the resource ENTITY name) will also be issued.

*User response:* Examine the length of the resource ENTITY name in this message. If it exceeds 50 characters, look for the subsequent OSZ0492I message.

**OSZ0492I**

*Explanation:* This message is issued after OSZ0491I if the resource ENTITY name exceeds 50 characters. If the resource ENTITY name is longer than 110 characters, one or more subsequent messages with message IDs OSZ0493I, OSZ0494I, and OSZ0495I (as many as necessary to completely exhibit the resource ENTITY name) will also be issued.

*User response:* Examine the length of the resource ENTITY name in the prior OSZ0491I message. If it exceeds 110 characters, look for the subsequent OSZ0493I message.
OSZ0493I  

Explanation: This message is issued after OSZ0492I if the resource ENTITY name exceeds 110 characters. If the resource ENTITY name exceeds 170 characters, one or more subsequent messages with message IDs OSZ0494I and OSZ0495I (as many as necessary to completely exhibit the resource ENTITY name) will also be issued.

User response: Examine the length of the resource ENTITY name in the previous OSZ0491I message. If it exceeds 170 characters, look for the subsequent OSZ0494I message.

OSZ0494I  

Explanation: This message is issued after OSZ0493I if the resource ENTITY name exceeds 170 characters. If the resource ENTITY name exceeds 230 characters, a subsequent OSZ0495I message will also be issued.

User response: Examine the length of the resource ENTITY name in the previous OSZ0491I message. If it exceeds 230 characters, look for the subsequent OSZ0495I message.

OSZ0495I  

Explanation: This message is issued after OSZ0494I if the resource ENTITY name exceeds 230 characters.

User response: No action is required. The resource ENTITY name has been completely exhibited.

OSZ0499I  

ACEE

Explanation: This message indicates that a task-level or the address space-level security environment has been altered by asserting the internal ESM ACEE control block on the TCB or ASXB, respectively. This message is issued when certain security events are being traced; it is not normally issued unless security tracing has been activated. Execution proceeds. This message is merely an audit trail of certain Runtime Component System (RTCS) Security Manager actions to be gathered for diagnostic purposes.

User response: No action is required. If this message is issued in response to a request to trace certain RTCS Security Manager activity, be sure to include it (as well as any other diagnostic messages) in any documentation forwarded to BMC Customer Support.

Messages OSZ0500 through OSZ0599

This group includes messages for the Runtime Component System product.
**OSZ0500E Unexpected RACROUTE**

*Explanation:* This message indicates that an unexpected combination of SAF and ESM return and reason codes were encountered after the execution of a RACROUTE macro instruction. Depending on the SAF and ESM return codes, normal processing proceeds. This message indicates that an unusual condition has been encountered. If the SAF or ESM return codes are not expected, processing of the security request is terminated with an error. This error can result in signon, inherit, or resource access authorization failures.

*User response:* Contact BMC Customer Support. It indicates SAF, SAF installation exit, or External Security Manager (ESM) behavior outside of its documented interface, or a potential error in the Runtime Component System (RTCS) Security Manager code.

**OSZ0501E RACROUTE VERIFY CREATE RC=0 but no or invalid ACEE returned**

*Explanation:* Runtime Component System (RTCS) security executed a RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. The SAF router return code was zero, but an ACEE address of zero was returned or the returned ACEE was not valid. The security identity is not created, and the user signon or the security identity inherit fails.

This problem is usually caused either by an error in the ESM or by improper configuration of the SAF interface to the ESM. ACF2 sites should ensure that their SAFDEF GSO records have been correctly customized so that ACF2 can properly interact with the RTCS security manager.

*User response:* Ensure that the correct SAFSUBSYS parameter has been specified in the product or global Security Processing Defaults registry structures, and a matching GSO SAFDEF record has been defined and activated with a F ACF2,REFRESH(GSO) operator command. Contact BMC Customer Support.

**OSZ0502E RACROUTE VERIFY CREATE RC=4; SAF did not pass request to ESM**

*Explanation:* Runtime Component System (RTCS) security executed a RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. The SAF router return code was four (4), which indicates that the request was not passed to the External Security Manager (ESM). The security identity is not created, and the user signon or the security identity inherit fails.

*User response:* ACF2 sites should ensure that their SAFDEF GSO records have been correctly customized so that ACF2 can properly interact with the RTCS Security Manager. Ensure that the correct SAFSUBSYS parameter has been specified in the product or global Security Processing Defaults registry structures, and a matching GSO SAFDEF record has been defined and activated with a F ACF2,REFRESH(GSO) operator command.

**OSZ0503E not defined to External Security Manager**

*Explanation:* In the process of attempting to establish an External Security Manager (ESM) security environment and its associated Security Identity
object, the Runtime Component System (RTCS) security has determined that
the user-specified user ID is not defined or recognized by the ESM and no
default security user ID has been specified by the installation, or that default
security environment creation has not been allowed. Because an ESM security
environment cannot be established for the user, the signon operation is
terminated.

User response: Ensure that you supply a valid, ESM-defined user ID to utilize
the functions in the product that you are attempting to access.

OSZ0504E Unable to inherit (not defined on this system)

Explanation: The Runtime Component System (RTCS) has attempted to create
a new External Security Manager (ESM) security environment by inheriting an
existing Security Identity or ESM security environment that has been extracted
from another ESM security environment or Security Identity in the same or
another address space, potentially even from a different MVS image, and
thereby creating a new RTCS Security Identity object. During this process, the
RTCS Security Manager has determined that the user ID previously validated
on the extracting system is not defined or recognized by the installed, active
ESM on the current, inheriting system, and no default security user ID has been
specified by the installation, or default security environment creation has not
been allowed.

Because an ESM security environment cannot be established for the user, the
signon operation is terminated.

User response: Ensure that you are using a valid, ESM-defined user ID on the
originating, source system that is also defined or recognized on the target,
inheriting system to utilize the functions in the product that you are attempting
to access. If you are using the correct user ID on the source system, it is
necessary to define that user ID on the target, inheriting system, or customize
the ESM to transform your user ID to a recognized, supported user ID by using
ESM facilities or SAF installation exits.

OSZ0505E Unable to create default security environment for User ID using()

Explanation: In the process of attempting to establish an External Security
Manager (ESM) security environment and its associated Security Identity
object, the RTCS Security Manager has determined that the user-specified or
inherited user ID is not defined or recognized by the installed, active ESM.
RTCS Security has attempted to establish an ESM default security environment
or an ordinary security environment by using an ESM-defined or ESM-
recognized user ID that was specified in the Product or Global Security
Processing Defaults registry structures. However, this attempt has also failed
because that user ID is also undefined or unrecognized by the ESM or because
the establishment of such default security environments has been disallowed
by the ESM security administrator.
Because an ESM security environment cannot be established for the user, the signon or inherit operation is terminated.

User response: Ensure that you have specified the correct user ID. If you have, ensure that the default user ID has been correctly specified in the RTCS Security Global or Product Processing Defaults registry structures. Ensure that the default ID is properly defined to your ESM and that it has not been disabled, revoked, or set to require the specification of an accompanying clear-text password, and that it has not been restricted from being used to establish a security environment in the system, product, and source (for example, node, network, terminal, and so on) environment from which you are attempting to use it. If the use of the default user ID is not permitted intentionally in the environment in which RTCS Security and the RTCS-based product has been customized to indicate its use, you must supply a valid, ESM-defined user ID to make use of the functions in the product that you are attempting to access.

OSZ0506E  
**RACROUTE EXTRACT EXTRACT RC=0 but no returned data (R1 = 0)**

Explanations:  A SAF RACROUTE REQUEST=EXTRACT,TYPE=EXTRACT macro instruction was issued, and the return code in register R15 was zero (0). However, register R1 was also zero (0) upon return from the execution of the RACROUTE EXTRACT. If R15 indicates that the data was extracted successfully, the results of the executed RACROUTE EXTRACT macro are inconsistent, because no pointer to any extracted data was present in R1 upon return.

This recurring error is common in certain ESMs if the code that supports certain types of data or field extraction is inadvertently removed. RTCS includes code that determines when this problem occurs. This message is issued and the data extraction process is terminated. If the extraction is the result of an end user signon or a system entry validation, the signon fails and no user security environment is created. If the error occurs during the process of inheriting a security environment or establishing an RTCS Security Identity object for an existing ESM security environment, the failure is ignored. Error messages are issued that document this event.

User response: Contact BMC Customer Support, so that they can assist the ESM vendor in replacing the code that was inadvertently removed. This problem has also occurred at customer sites with in-house security systems that interface with the standard MVS SAF exits, or that intercept the RACF SVCs. Contact BMC Customer Support.

OSZ0507E  
**RACROUTE EXTRACT EXTRACT RC=0 but no returned password segment**

Explanations: A SAF RACROUTE REQUEST=EXTRACT,TYPE=EXTRACT macro instruction was issued. The return code in register R15 was zero (0), and register R1 pointed to a properly-formatted extracted data structure. However, the extracted data structure did not include a segment that contains the encrypted password for the user ID.
This recurring error is common in certain ESMs if the code that supports certain types of data or field extraction is inadvertently removed. RTCS includes code that determines when this problem occurs. This message is issued and the data extraction process is terminated. If the extraction is the result of an end user signon or a system entry validation, the signon fails and no user security environment is created. If the error occurs during the process of inheriting a security environment or establishing an RTCS Security Identity object for an existing ESM security environment, the failure is ignored. Error messages are issued that document this event.

User response: Contact BMC Customer Support, so that they can assist the ESM vendor in replacing the code that was inadvertently removed. This problem has also occurred at customer sites with in-house security systems that interface with the standard MVS SAF exits, or that intercept the RACF SVCs. Contact BMC Customer Support.

OSZ0508E  
RACROUTE EXTRACT EXTRACT RC=4; SAF did not pass request to ESM

Explanation: A SAF RACROUTE REQUEST=EXTRACT,TYPE=EXTRACT macro instruction was issued, and the return code in register R15 was four (4), indicating that the request was not passed to the External Security Manager (ESM) by the SAF. This error can occur in ACF2 systems that are not configured properly; however, the problem is rare in RACF systems.

A problem with the configuration of ACF2 is the cause of this problem. RTCS includes code that determines when this problem occurs. This message is issued and the data extraction process is terminated. If the extraction is the result of an end user signon or a system entry validation, the signon fails and no user security environment is created. If the extraction occurs during the process of inheriting a security environment in an address space, the failure is ignored. Error messages are issued that document this event; however, the information being extracted is not typically required.

User response: Contact BMC Customer Support for assistance in properly configuring your ESM (usually ACF2). This problem has also occurred at customer sites with in-house security systems that interface with the standard MVS SAF exits, or that intercept the RACF SVCs. Contact BMC Customer Support.

OSZ0509E  
Incorrect or unauthorized password for

Explanation: The Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction as part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request. An SAF return code of eight (8) and an ESM return code of X’08’ were received. This combination of return codes indicates that the password that was specified for the indicated user ID during an inherit or signon request is incorrect, invalid, or unauthorized.
The signon or inherit request fails, and no security environment is established.

**User response:** If you are attempting to sign on to an RTCS-based product, specify the current user ID and password. If an RTCS-based product was attempting to inherit the user ID from another address space or MVS image, the standard, UTOKEN-based inheritance process has failed, and the RTCS Security Manager attempted to use an alternate authentication mechanism to establish the ESM security environment. This alternate mechanism uses the previously extracted encrypted password (if one was available at the time) and requests that the ESM match the password with the value stored in the target system's ESM database. However, the encrypted password from the source system was not matched by the ESM to the value stored in the target system's database and caused the inherit request to fail.

For RACF, this failure indicates that the two passwords are not identical, which is usually caused by the target and origin MVS images using a different RACF database. The two passwords on the different databases must be set to the same, identical clear-text value to inherit a USERID value between systems that are using different RACF databases.

For ACF2, this failure indicates that the half-encrypted password was unavailable on the origin system (either because the ACF2 GSO PSWD record PSWDXTR option was not in effect, or because the ACF2 LIDREC did not have the PSWD-XTR option set), or that the passwords are not identical, which can be caused by the target and origin MVS images using a different LOGONID database. In the latter case, the two passwords on the different databases must be set to the same, identical clear-text value to inherit a LOGONID value between systems that are using different LOGONID databases.

For TSS, this failure indicates that the encrypted passwords were not identical. This difference can be caused by the target and origin TSS security files using a different master encryption key, or by the target and origin MVS images using a different TSS security file. In the latter case, the two ACID passwords set in the two security files must be set to the same, identical clear-text value to inherit an ACID value between systems that are using different TSS security files.

**OSZ0510E**

**Explanation:** As part of an attempt to establish an External Security Manager (ESM) security environment while processing a user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY, ENVIR=CREATE macro instruction without specifying a current password value because a password was not provided by the user. An SAF return code of eight (8) and an ESM return code of X'08' were received. This combination of return codes indicates that the specified user ID has an ESM password set that must be specified to sign on to this system.
The signon request fails, and no security environment is established.

User response: Specify the current password for the user ID in order to sign on.

OSZ0511E The password provided has expired; specify a new password

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'0C' were received. This combination of return codes indicates that the password that you specified is valid but has expired. To sign on, specify a valid new password. The signon attempt fails, and this message is returned.

User response: Respecify the old password, and then specify a valid new password.

OSZ0512E The new password provided is not valid

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'10' were received. This combination of return codes indicates that the new password that was provided to replace the current password is not valid. The ESM has rejected the new password for some reason, for example, it is too short, contains invalid characters, or violates some other ESM-specified local standard.

The signon request fails, and no security environment is established.

User response: If you are attempting to sign on to an RTCS-based product, specify a valid new password and the current password. If the ESM continues to reject the new password, sign on without changing your password, if the ESM allows it, or contact your local ESM security administrator to determine the reason for the continued rejection of the new password.

OSZ0513E is not defined to GROUP

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'14' were returned. This combination of return codes indicates that the user ID is not connected to the GROUP IDENT that was specified or extracted, and which RTCS is now attempting to inherit.
The signon or inherit request fails, and no security environment is established.

User response: If you are attempting to sign on to an RTCS-based product, specify a valid GROUP name (GROUP IDENT) to which your user ID has been connected. However, if an RTCS-based product was attempting to inherit this user ID from another address space or MVS image, either the current connect GROUP at the time that the security environment was extracted is not defined on this (the target) system or the user ID is not connected to it and has caused the inherit request to fail. Ensure that the GROUP name that you specify or default to on the origin system is defined on the target system and that your user ID has been connected to it. RTCS Security can be customized globally and for each individual product to ignore extracted GROUP IDENTs when inheriting user IDs on target systems. For example, specify the GROUPINHERIT(NEVER) option, which can be specified in either the Global Security Processing Defaults or in the Product Security Processing Defaults for any product. Values of GROUPINHERIT other than NEVER can also be used to cause RTCS to ignore an extracted GROUP IDENT only under certain specific circumstances, which might be more appropriate than NEVER for your particular network.

OSZ0514E  Sign on request rejected; failed by installation exit routine

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'18' were returned. This combination of return codes indicates that the RACROUTE REQUEST=VERIFY was failed by the installation exit routine taken by SAF for VERIFY requests.

The signon or inherit request fails, and no security environment is established.

User response: Report this message to your security administration staff or to the system programmer responsible for the ESM or SAF installation exit routines.

OSZ0515E  Sign on request rejected; has been revoked

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'1C' were returned. This combination of return codes indicates that the user ID has been revoked.

The signon or inherit request fails, and no security environment is established.

User response: Specify a different user ID or contact your local security administration personnel to determine why the user ID has been revoked.
OSZ0516E  Sign on request rejected; External Security Manager inactive

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'20' were returned. This combination of return codes indicates that the ESM is not active.

The signon or inherit request fails, and no security environment is established.

User response: Attempt to sign on again. If this problem continues, report it to your security administration personnel or system programmer. If they are unable to resolve this problem, contact BMC Customer Support.

OSZ0517E  Sign on request rejected; access to GROUP revoked

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'24' were returned. This combination of return codes indicates that the specified user ID's access to the indicated GROUP IDENT has been revoked.

The signon or inherit request fails, and no security environment is established.

User response: Specify a different GROUP IDENT or contact your local security administration personnel to determine why access to the indicated GROUP IDENT has been revoked.

OSZ0518E  Sign on request rejected; requires OIDCARD

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'28' were received. This combination of return codes indicates that the specified user ID requires an OIDCARD to be provided in order to sign on to the system.

The signon or inherit request fails, and no security environment is established.

User response: Select another user ID. RTCS Security does not support the entry of OIDCARD data as part of the end-user credentials.

OSZ0519E  Sign on request rejected; OIDCARD invalid for
SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'2C' were received. This combination of return codes indicates that the OIDCARD data that was provided is not valid or supported, and therefore not accepted for the indicated user ID.

The signon or inherit request fails, and no security environment is established.

User response: Contact BMC Customer Support. OIDCARD credentials are not supported by RTCS Security.

OSZ0520E  Not authorized to use terminal/POE

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'30', and an ESM reason code of X'00' were received. This combination of return and reason codes indicates that the user ID is not authorized to use the port of entry (POE) in the TERMINAL, JESINPUT, or CONSOLE class.

The signon or inherit request fails, and no security environment is established.

User response: Specify a different user ID, or contact your local security administration personnel to determine why the user ID does not have access to the indicated POE. Ensure that the user ID has access to the needed terminal or device. If possible, change the location from which you are attempting to sign on to the system, or change the location from which you signed on to the originating system.

OSZ0521E  Not authorized on this day or at this time

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'30', and an ESM reason code of X'04' were received. This combination of return and reason codes indicates that the user ID is not authorized to access the system on this day or at this time of day.

The signon or inherit request fails, and no security environment is established.

User response: Specify a different user ID, or contact your local security administration personnel to determine why the user ID does not have access to the system at this time. Ensure that the user ID has access to the system at the needed times or days of the week.
**OSZ0522E**  Not authorized to use terminal/POE on this day or at this time

*Explanation:* As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end-user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of 'X'30', and an ESM reason code of 'X'08' were received. This combination of return and reason codes indicates that the user ID is not authorized to use the port of entry (POE) in the TERMINAL, JESINPUT, or CONSOLE class on this day or at this time of day.

The signon or inherit request fails, and no security environment is established.

*User response:* Specify a different user ID, or contact your local security administration personnel to determine why the user ID does not have access to the indicated POE at this time. Ensure that the user ID has access to the needed terminal or device at the needed times or days of the week. If possible, change the location from which you are attempting to sign on to the system, or change the location from which you signed on to the originating system.

**OSZ0523E**  Rejected; has no APPL access

*Explanation:* The Runtime Component System (RTCS) Security Manager is attempting to create a new External Security Manager (ESM) security environment and its associated RTCS Security Identity object in an address space for an RTCS-based product for the indicated user ID, by inheriting an existing, extracted security environment (INHERIT) or creating a new one from end-user supplied credentials, such as a user ID and its associated password, and so on (SIGN ON). However, the creation of the ESM security environment failed because the user ID does not have authorization to access the RTCS-based product indicated in the message.

The INHERIT or SIGN ON fails, and this message is returned to the user or to the message target destination with any other ESM-generated error messages.

*User response:* Ensure that your user ID has at least READ access to the indicated APPLication name in resource CLASS 'APPL'. If this attempted access has been properly denied, you should attempt to determine why the function that you are attempting to perform is using the unauthorized application.

**OSZ0524E**  Sign on rejected; requires a SECLABEL

*Explanation:* The indicated user ID requires that a SECLABEL be specified. There is no default SECLABEL. If one is required, it must be specified during the signon process. The signon or inherit request fails, and no security environment is established.

*User response:* Specify a SECLABEL for this user ID, or select another user ID.
**OSZ0525E**  
**Sign on rejected; **UIDNAME **IUSERID** not authorized to SECLABEL **SECLABEL**

*Explanation:* The indicated SECLABEL is not authorized for use by the indicated user ID. There is no default SECLABEL. If one is required for the user ID, an authorized SECLABEL must be specified during the signon process. The signon or inherit request fails, and no security environment is established.

*User response:* Specify a SECLABEL authorized for use by this user ID, or select another user ID.

**OSZ0526E**  
**Sign on rejected; multilevel security dominance check failed**

*Explanation:* As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued a System Authorization Facility (SAF) RACROUTE REQUEST=VERIFY, ENVIR=CREATE macro instruction. A SAF return code of eight (8), an ESM return code of X'38', and an ESM reason code of X'0C' were returned. This combination of return and reason codes indicates that the multilevel security dominance check performed by the ESM as part of RACROUTE REQUEST=VERIFY, ENVIR=CREATE processing failed. This error usually indicates that another SECLABEL must be specified, or system entry must be effected on a different system, from a different terminal or port of entry (POE), or SECLABEL definitions are inconsistent or incorrect.

The signon or inherit request fails, and no security environment is established.

*User response:* Contact your installation security administrator to resolve this problem.

**OSZ0527E**  
**Neither the user nor submitter SECLABEL dominates (disjoint)**

*Explanation:* As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued a System Authorization Facility (SAF) RACROUTE REQUEST=VERIFY, ENVIR=CREATE macro instruction. A SAF return code of eight (8), an ESM return code of X'38', and an ESM reason code of X'10' were returned. This combination of return and reason codes indicates that the SECLABEL of a job does not dominate that of the submitter of the job and vice versa; the security labels are disjoint. This condition indicates that another SECLABEL must be specified. However, this condition (and message) should not be encountered with RTCS, since RTCS is not involved in performing system entry validation for jobs submitted to be initiated.

The signon or inherit request fails, and no security environment is established.

*User response:* Contact your installation security administrator to resolve this problem.
OSZ0528E  Sign on rejected; a default security token was used as input

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued a System Authorization Facility (SAF) RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. A SAF return code of eight (8), an ESM return code of X'44' were returned. This combination of return codes indicates that a default security UToken was provided to the SAF and the ESM.

The signon or inherit request fails, and no security environment is established.

User response: This problem could be the result of an RTCS client product providing a malformed or incomplete security environment for extraction, and subsequent inheritance; but, that situation should have been detected at the time of extraction. Another possibility is that the RTCS client product incorrectly supplied a SAF default UToken directly to the RTCS Security Manager. Contact BMC Customer Support.

OSZ0529E  Unprivileged user issued RACROUTE VERIFY in MLQUIET state

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued a System Authorization Facility (SAF) RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. A SAF return code of eight (8), an ESM return code of X'48' were returned. This combination of return codes indicates that an unprivileged user (for example, an unauthorized program) issued a RACROUTE VERIFY while RACF was in the MLQUIET state.

The signon or inherit request fails, and no security environment is established.

User response: This message should not occur because the RTCS Security Manager does not execute in a non-privileged state, and would not issue a RACROUTE REQUEST=VERIFY in an MLQUIET state. If this message occurs, contact BMC Customer Support.

OSZ0530E  Submit node is not allowed access to execute node

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'4C', and an ESM reason code of X'00' were returned. This combination of return codes indicates that the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.
The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0531E NODES checking failed; UACC(NONE) for User ID profile

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'4C', and an ESM reason code of X'04' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs. The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0532E NODES checking failed; UACC(NONE) for GROUP profile

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'4C', and an ESM reason code of X'08' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs. The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0533E NODES checking failed; UACC(NONE) for SECLABEL profile

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'4C', and an ESM reason code of X'0C' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.
The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0534E NODES checking failed; no local NJE submit node specified

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIRON=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'4C', and an ESM reason code of X'10' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.

The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0535E NODES checking failed; translated values reverification failed

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIRON=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'4C', and an ESM reason code of X'14' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.

The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0536E Sign on rejected; SURROGAT class inactive

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIRON=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'50', and an ESM reason code of X'04' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.
The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0537E  
**Sign on rejected; submitter not authorized by user SURROGAT profile**

*Explanation:* As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'50', and an ESM reason code of X'08' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.

The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0538E  
**Sign on rejected; submitter not authorized to the SECLABEL**

*Explanation:* As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8), an ESM return code of X'50', and an ESM reason code of X'0C' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.

The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

OSZ0539E  
**Sign on rejected; JESJOBS check failed**

*Explanation:* As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X'54' were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.
The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

**OSZ0540E**  
Sign on rejected; RJE or NJE operator FACILITY class profile not found

Explanation: As part of an attempt to establish an External Security Manager (ESM) security environment while processing an end user signon or an inherit request, the Runtime Component System (RTCS) Security Manager issued an SAF RACROUTE REQUEST=VERIFY,ENVIR=CREATE macro instruction. An SAF return code of eight (8) and an ESM return code of X’58’ were returned. This combination of return codes should not occur for the type of request made by the RTCS Security Manager, and should only be encountered by JES-managed batch jobs.

The signon or inherit request fails, and no security environment is established.

User response: Report this message to your External Security Manager system programmer or security administrator. If there is not a valid reason for it to occur, contact BMC Customer Support.

**OSZ0541E**  
RACROUTE EXTRACT RC=4; ESTAE could not be established

Explanation: Runtime Component System (RTCS) security executed a RACROUTE REQUEST=EXTRACT macro instruction. The External Security Manager (ESM) return code was four (4), which indicates that the ESM was unable to establish an ESTAE exit prior to attempting to process the EXTRACT request.

This ESM return code should not normally occur, because in the absence of an ESM problem, it usually indicates a severe shortage of virtual storage. If it does occur, this message is issued, and the data extraction process is terminated. What happens next depends on when the extraction was requested or under what circumstances it is happening. If it is taking place as a consequence of an end user signon or system entry validation, the signon fails, and no user security environment is created. If it is taking place during the process of inheriting a security environment, or establishing an RTCS SecurityIdentity object instance for an already-existing ESM security environment in an address space, the failure is usually ignored, except that error messages are issued documenting this event, because under these circumstances, the information being extracted is not absolutely required. If it is taking place as a result of some RTCS client product requesting information from the user profile of the ESM, LOGONID, or ACID, that request will be failed by the RTCS Security Manager; what happens next depends on the action taken by the RTCS client product.

User response: This problem is usually caused by insufficient virtual storage in the address space. Report this problem to your system programmer or
administrator responsible for the software product to which you are attempting
to sign on. Usually, a virtual storage shortage in a server address space will
result in many other problems. If this situation exists, this problem is not a
specific ESM or RTCS Security Manager problem. If you suspect that it is, or
this message is the only message like this that you are receiving from the
product server address space, contact BMC Customer Support.

**OSZ0542E**

**RACROUTE EXTRACT RC=8/0; specified User ID profile not found**

*Explanation:* Runtime Component System (RTCS) security executed a
RACROUTE REQUEST=EXTRACT macro instruction. The External Security
Manager (ESM) return code was eight (8), with reason code zero (0), which
indicates the the RACF profile, TSS SREC, or ACF2 LIDREC for the indicated
user ID, ACID, or LOGONID, respectively, could not be located by the ESM in
its database.

This ESM return code should not normally occur, because in the absence of an
ESM problem, it indicates that the user ID is not defined. However, the RTCS
Security Manager issues a SAF RACROUTE REQUEST=EXTRACT request
only for previously authenticated user IDs. But, if it does occur, this message is
issued, and the data extraction process is terminated. What happens next
depends on when the extraction was requested or under what circumstances it
is happening. If it is taking place as a consequence of an end user signon or
system entry validation, the signon fails, and no user security environment is
created. If it is taking place during the process of inheriting a security
environment, or establishing an RTCS SecurityIdentity object instance for an
already-existing ESM security environment in an address space, the failure is
usually ignored, except that error messages are issued documenting this event,
because under these circumstances, the information being extracted is not
absolutely required. If it is taking place as a result of some RTCS client product
requesting information from the user profile of the ESM, LOGONID, or ACID,
that request will be failed by the RTCS Security Manager; what happens next
depends on the action taken by the RTCS client product.

*User response:* Retry the signon or operation that resulted in this message. If it
reoccurs, report this problem to your security administrator, ESM system
programmer, system programmer, or administrator responsible for the
software product that you are using. If your user ID is valid and defined, or if
this message is the only message like this that you are receiving from the
product server address space, contact BMC Customer Support.

**OSZ0543E**

**RACROUTE EXTRACT RC=12; External Security Manager is inactive**

*Explanation:* Runtime Component System (RTCS) security executed a
RACROUTE REQUEST=EXTRACT macro instruction. The External Security
Manager (ESM) return code was twelve (12), which indicates that the ESM is
presently inactive.

This ESM return code should not normally occur, because in the absence of an
ESM problem, it indicates that the ESM is inactive or has not been started. But,
the RTCS Security Manager does not invoke a RACROUTE EXTRACT macro unless the ESM is active. If it does occur, this message is issued, and the data extraction process is terminated. What happens next depends on when the extraction was requested or under what circumstances it is happening. If it is taking place as a consequence of an end user signon or system entry validation, the signon fails, and no user security environment is created. If it is taking place during the process of inheriting a security environment, or establishing an RTCS SecurityIdentity object instance for an already existing ESM security environment in an address space, the failure is usually ignored, except that error messages are issued documenting this event, because under these circumstances, the information being extracted is not absolutely required. If it is taking place as a result of some RTCS client product requesting information from the user profile of the ESM, LOGONID, or ACID, that request will be failed by the RTCS Security Manager; what happens next depends on the action taken by the RTCS client product.

User response: Retry the signon or operation that resulted in this message. If it reoccurs, report this problem to your security administrator, ESM system programmer, system programmer, or administrator responsible for the software product that you are using. If your security system is apparently active and otherwise responsive, contact BMC Customer Support.

OSZ0544E RACROUTE EXTRACT RC=20/0; No ACEE exists

Explanation: Runtime Component System (RTCS) security executed a RACROUTE REQUEST=EXTRACT macro instruction. The External Security Manager (ESM) return code was 20, with reason code zero (0), which indicates that no ACEE exists to process the request.

This ESM return code should not normally occur, because in the absence of an ESM problem, it indicates that no ACEE exists in the parameter list passed by the RTCS Security Manager, in the TCB, or in the ASXB. This suggests a severe MVS problem. If it does occur, this message is issued, and the data extraction process is terminated. What happens next depends on when the extraction was requested or under what circumstances it is happening. If it is taking place as a consequence of an end user signon or system entry validation, the signon fails, and no user security environment is created. If it is taking place during the process of inheriting a security environment, or establishing an RTCS SecurityIdentity object instance for an already existing ESM security environment in an address space, the failure is usually ignored, except that error messages are issued documenting this event, because under these circumstances, the information being extracted is not absolutely required. If it is taking place as a result of some RTCS client product requesting information from the user profile of the ESM, LOGONID, or ACID, that request will be failed by the RTCS Security Manager; what happens next depends on the action taken by the RTCS client product.

User response: Report this problem to your system programmer or administrator responsible for the software product that you are using. If the security system appears to be functioning properly, or this message is the only
message like this that you are receiving from the product server address space, contact BMC Customer Support.

OSZ0545E  **RACROUTE EXTRACT RC=20/4; ACEERACF bit is off**

*Explanation:* Runtime Component System (RTCS) security executed a RACROUTE REQUEST=EXTRACT macro instruction. The External Security Manager (ESM) return code was 20, with reason code four (4), which indicates that the ACEE specified or selected (by the ESM) to process the request indicates that the user ID is not defined to the ESM.

This ESM return code should not normally occur, because in the absence of an ESM problem, it indicates that the user ID is not defined. However, The RTCS Security Manager issues a SAF RACROUTE REQUEST=EXTRACT request only for previously authenticated user IDs. If this situation does occur, this message is issued, and the data extraction process is terminated. What happens next depends on when the extraction was requested or under what circumstances it is happening. If it is taking place as a consequence of an end user signon or system entry validation, the signon fails, and no user security environment is created. If it is taking place during the process of inheriting a security environment, or establishing an RTCS SecurityIdentity object instance for an already existing ESM security environment in an address space, the failure is usually ignored, other than the fact that error messages are issued documenting this event, because under these circumstances, the information being extracted is not absolutely required. If it is taking place as a result of some RTCS client product requesting information from the user profile of the ESM, LOGONID, or ACID, that request will be failed by the RTCS Security Manager; what happens next depends on the action taken by the RTCS client product.

*User response:* Contact BMC Customer Support.

OSZ0547E  **Improper attempt to delete ASXBSENV for users**

*Explanation:* An RTCS-based product has attempted to delete the External Security Manager (ESM) security environment for the address space (indicated by the ACEE address in field ASXBSENV of the ASXB pointed to by the current ASCB) by using an incorrect interface. This problem is usually caused by a programming error that left an ACEE address in ASXBSENV incorrectly, or by the RTCS-based product calling the incorrect interface to delete a user's security identity.

The signoff request fails, unless it occurred as a result of a SecurityIdentity object instance destructor call. In that case, the ESM security environment is deleted only if there exists a saved, original address-space level ACEE address that is still valid and will replace the current ACEE address in ASXBSENV. If there is no ACEE address saved, the ACEE (the ESM security environment) will not be deleted, but the SecurityIdentity object will still be destroyed.

*User response:* Contact BMC Customer Support.
**OSZ0548E**  Improper attempt to delete ACEE = 0 for users

*Explanation:* An RTCS-based product has attempted to delete the External Security Manager (ESM) security environment for the address space (indicated by the ACEE address in field ASXBSENV of the ASXB pointed to by the current ASCB) by using an interface or a control block that specifies an ACEE address of zero. The signoff request fails, unless it occurred as a result of a SecurityIdentity object instance destructor call. In that case, the SecurityIdentity object will still be destroyed, but no ESM security environment (ACEE) will be deleted.

*User response:* Contact BMC Customer Support.

**OSZ0549E**  RACROUTE VERIFY DELETE RC=4; SAF did not pass request to ESM

*Explanation:* Runtime Component System (RTCS) security executed a RACROUTE REQUEST=VERIFY,ENVIR=DELETE macro instruction. The SAF router return code was four (4), which indicates that the request was not passed to the External Security Manager (ESM). The security identity is not deleted, and the user signoff or the security identity deletion fails.

*User response:* This problem is usually caused by the improper configuration of the SAF interface to the ESM by the security administrator. ACF2 sites should ensure that their SAFDEF GSO records have been correctly customized so that ACF2 can properly interface with the RTCS Security Manager. Ensure that the correct SAFSUBSYS parameter has been specified in the product or global Security Processing Defaults registry structures, and a matching GSO SAFDEF record has been defined and activated with a F ACF2,REFRESH(GSO) operator command.

**OSZ0550E**  RACROUTE EXTRACT EXTRACT RC=0 but returned password field length NE 8

*Explanation:* A SAF RACROUTE REQUEST=EXTRACT,TYPE=EXTRACT macro instruction was issued. The return code in register R15 was zero (0), and register R1 pointed to a properly formatted extracted data structure. The extracted data structure included a segment containing the encrypted password for the user ID; however, the length of the returned encrypted password was not exactly eight (8). By definition, the encrypted password is eight (8) bytes long. This recurring error is common in certain ESMs if the code that supports certain types of data or field extraction is inadvertently removed. RTCS includes code that determines when this problem occurs. This message is issued and the data extraction process is terminated. If the extraction is the result of an end user signon or a system entry validation, the signon fails and no user security environment is created. If the error occurs during the process of inheriting a security environment or establishing an RTCS Security Identity object for an existing ESM security environment, the failure is ignored. Error messages are issued that document this event.

*User response:* Contact BMC Customer Support so they can assist the ESM vendor in replacing the code that was inadvertently removed. This problem has also occurred at customer sites with in-house security systems that interface with the standard MVS SAF exits, or that intercept the RACF SVCs.
OSZ0551E  RACROUTE EXTRACT EXTRACT RC=0 but returned password is blank or null

Explanation: A SAF RACROUTE REQUEST=EXTRACT,TYPE=EXTRACT macro instruction was issued. The return code in register R15 was zero (0), and register R1 pointed to a properly formatted extracted data structure. Furthermore, the extracted data structure included a segment containing the encrypted password for the user ID, and the length of the returned encrypted password was correct: eight (8). However, the value returned in the extracted data structure for the encrypted password is all blanks or nulls, neither of which is valid for an encrypted password.

This recurring error is common in certain ESMs if the code that supports certain types of data or field extraction is inadvertently removed. RTCS includes code that determines when this problem occurs. This message is issued and the data extraction process is terminated. If the extraction is the result of an end user signon or a system entry validation, the signon fails and no user security environment is created. If the error occurs during the process of inheriting a security environment or establishing an RTCS Security Identity object for an existing ESM security environment, the failure is ignored. Error messages are issued that document this event.

User response: Contact BMC Customer Support so they can assist the ESM vendor in replacing the code that was inadvertently removed. This problem has also occurred at customer sites with in-house security systems that interface with the standard MVS SAF exits, or that intercept the RACF SVCs.

OSZ0569E  RACROUTE AUTH RC=4; SAF did not pass request to ESM

Explanation: Runtime Component System (RTCS) security executed a RACROUTE REQUEST=AUTH macro instruction. The SAF router return code was four (4), which indicates that the request was not passed to the External Security Manager (ESM). The security resource access authorization request is not processed. Access to the resource might not be granted by the resource manager that executed the request.

User response: This problem is usually caused by the improper configuration of the SAF interface to the ESM by the security administrator. ACF2 sites should ensure that their SAFDEF GSO records have been correctly customized so that ACF2 can properly interface with the RTCS Security Manager. Ensure that the correct SAFSUBSYS parameter has been specified in the product or global Security Processing Defaults registry structures, and a matching GSO SAFDEF record has been defined and activated with a F ACF2,REFRESH(GSO) operator command.

OSZ0570E  RACROUTE AUTH RC=4/582; no ACEE available to process request

Explanation: Runtime Component System (RTCS) security executed a RACROUTE REQUEST=AUTH macro instruction. The External Security Manager (ESM) return code was four (4) and the ESM reason code was 582, which indicates that there was no ACEE available to process the authorization
request. The resource access authorization request is not processed, and access to the resource is denied.

User response: Contact BMC Customer Support.

OSZ0571E  
Access disallowed by xxxxx to ######

Explanation: Access to the resource (the CLASS and ENTITY name) at the indicated access level (INTENT) has been denied by the External Security Manager (ESM). Access to the resource is not permitted. The command, process, or function that was being attempted fails.

User response: If you believe that you should have access to the indicated resource, contact your security administrator to get the level of access needed.

OSZ0572E  
No authority to OPEN ???? on ???? uncataloged DSN=????

Explanation: You do not have sufficient authority to OPEN the indicated uncataloged data set on the indicated DASD volume. Access to the indicated data set is not allowed.

User response: Ensure that you have specified the correct DSNAME and that you have the proper External Security Manager (ESM) authority to access uncataloged data sets.

OSZ0573E  
RACROUTE AUTH RC=8/24; not authorized to issue AUTH in tranquil (MLQUIET) state

Explanation: As part of an attempt to authorize access to a resource, the Runtime Component System (RTCS) Security Manager issued a System Authorization Facility (SAF) RACROUTE REQUEST=AUTH macro instruction. A SAF return code of eight (8), and an ESM return code of X'24' were returned. This combination of return codes indicates that an unprivileged user (for example, an unauthorized program) issued a RACROUTE AUTH while RACF was in the MLQUIET state. The resource access authorization request fails; access to the requested resource is not granted.

User response: This message should not occur because the RTCS Security Manager does not execute in a non-privileged state, and would not issue a RACROUTE REQUEST=AUTH in an MLQUIET state. If this message does occur, contact BMC Customer Support.

OSZ0574E  
No READ (only EXECUTE) authority onto DSN=

Explanation: You do not have READ authority to OPEN the indicated load module data set or PDSE program library on the indicated DASD volume. Access to the indicated data set or library is not allowed.

User response: Ensure that you have specified the correct DSNAME and that you have sufficient External Security Manager (ESM) authority to read the partitioned data set or PDSE program library.
OSZ0575E Your SECLABEL does not dominate that of the resource

Explanation: In an ESM environment with security labeling active, access to a resource by a user whose SECLABEL does not currently dominate that of the resource has been requested. Access to the resource is not granted.

User response: Contact your security administrator to obtain access to the resource.

OSZ0576E Your SECLABEL can never dominate that of the resource

Explanation: In an ESM environment with security labeling active, access to a resource by a user whose SECLABEL could never dominate that of the resource has been requested. Access to the resource is not granted.

User response: Contact your security administrator to obtain access to the resource.

OSZ0577E The resource must have a security label but does not have one

Explanation: In an ESM environment with security labeling active, access by a user with a SECLABEL at a security level other than SYSLOW to a resource that does not have a security label has been requested. Access to the resource is not granted.

User response: Contact your security administrator to assign a SECLABEL to the resource.

OSZ0578E RACROUTE AUTH RC=12; resource definition inconsistency

Explanation: A resource access authorization request has failed with ESM return code 12, which indicates a resource profile definition inconsistency. Access to the resource is not granted.

User response: Contact your security administrator to investigate and correct the definition of the profile that is being used to protect the resource.

OSZ0579E RACROUTE AUTH RC=16; third-party authorization request failed

Explanation: A third-party resource access authorization request has failed with ESM return code 16, which indicates that some problem occurred when a RACROUTE VERIFY macro instruction was executed. Access to the resource is not granted.

User response: Contact your security administrator to investigate the definition and attributes of the user profile in question that is attempting to access the resource. If this problem reoccurs, contact BMC Customer Support.

OSZ0580E RACROUTE EXTRACT RC=8/8; encrypted password segment not retrieved

Explanation: A SAF RACROUTE REQUEST=EXTRACT,TYPE=EXTRACT macro instruction was issued. The External Security Manager (ESM) return code was eight (8) and the ESM reason code was also eight (8). This combination of return and reason codes indicates that the encrypted password segment was not retrieved by the ESM.
This combination of return codes should not occur for a normal user ID on a current system whose ESM maintenance is up to date; However, RTCS does include code to determine when this situation happens. This recurring error is common in certain ESMs if the code that supports certain types of data or field extraction is inadvertently removed. RTCS includes code that determines when this problem occurs. This message is issued and the data extraction process is terminated. If the extraction is the result of an end user signon or a system entry validation, the signon fails and no user security environment is created. If the error occurs during the process of inheriting a security environment or establishing an RTCS Security Identity object for an existing ESM security environment, the failure is ignored. Error messages are issued that document this event.

User response: Contact BMC Customer Support so they can assist the ESM vendor in replacing the code that was inadvertently removed. This problem has also occurred at customer sites with in-house security systems that interface with the standard MVS SAF exits, or that intercept the RACF SVCs.

OSZ0581E  
RACROUTE EXTRACT RC=8/?: unexpected reason code (profile not found)

Explanation: A SAF RACROUTE REQUEST=EXTRACT,TYPE=EXTRACT macro instruction was issued. The External Security Manager (ESM) return code was eight (8), but the ESM return code is not one of the expected, documented values upon return from execution of the RACROUTE EXTRACT. This return code indicates, for RACF systems, that the profile for the user ID was not found.

This ESM return code and the unrecognized ESM reason code should not occur for a normal user ID on a current system whose ESM maintenance is up to date. However, this recurring error is common in certain ESMs if the code that supports certain types of data or field extraction is inadvertently removed. RTCS includes code that determines when this problem occurs. This message is issued and the data extraction process is terminated. If the extraction is the result of an end user signon or a system entry validation, the signon fails and no user security environment is created. If the error occurs during the process of inheriting a security environment or establishing an RTCS Security Identity object for an existing ESM security environment, the failure is ignored. Error messages are issued that document this event.

User response: This problem can occur at customer sites with in-house security systems that interface with the standard MVS SAF exits, or that intercept the RACF SVCs. Contact BMC Customer Support.

OSZ0584E  
CLASSENITY is too long ()

Explanation: This message is issued when the resource ENTITY name is too long for the indicated resource CLASS name. This error is usually caused by incorrect RTCS-based product code or resource key definition. However, it can also be caused by incorrect installation customization of the RTCS-based product-supplied resource key definitions, such that the generated resource ENTITY
names become too long for the CLASS name. This message can be issued with any or all of the following messages: OSZ0585E, OSZ0586E, OSZ0587E, and OSZ0588E. Access to the resource is denied.

**User response:** If customization of resource definitions, class transformations, or class descriptors (RTCS security registry structures) has caused the ENTITY name length to become too long, these customizations need to be corrected. If the ENTITY names need to be this length, the External Security Manager (ESM) resource CLASS definition might need to be updated, or the RTCS Class Descriptor for the resource CLASS in question might need to be updated to allow a longer maximum ENTITY name.

**OSZ0585E**

**Explanation:** This message is issued along with message OSZ0584E when the resource ENTITY name is too long for the resource CLASS name listed and the ENTITY name is longer than 20 characters. This message can be issued with any or all of the following messages: OSZ0586E, OSZ0587E, and OSZ0588E. This message is a continuation of message OSZ0584E.

**User response:** Refer to the documentation for message OSZ0584E.

**OSZ0586E**

**Explanation:** This message can be issued with messages OSZ0584E and OSZ0585E when the resource ENTITY name is too long for the resource CLASS name indicated in message OSZ0584E and the ENTITY name is longer than 80 characters. This message can be issued with messages OSZ0587E and OSZ0588E. This message is a continuation of message OSZ0584E.

**User response:** Refer to the documentation for message OSZ0584E.

**OSZ0587E**

**Explanation:** This message can be issued with messages OSZ0584E, OSZ0585E, and OSZ0586E when the resource ENTITY name is too long for the resource CLASS name indicated in message OSZ0584E and the ENTITY name is longer than 140 characters. This message is issued along with message OSZ0588E if necessary to completely exhibit the ENTITY name whose length is excessive. This message is a continuation of message OSZ0584E.

**User response:** Refer to the documentation for message OSZ0584E.

**OSZ0588E**

**Explanation:** This message can be issued with messages OSZ0584E, OSZ0585E, OSZ0586E, and OSZ0587E when the resource ENTITY name is too long for the resource CLASS name indicated in message OSZ0584E and the ENTITY name is longer than 200 characters. This message is a continuation of message OSZ0584E.

**User response:** Refer to the documentation for message OSZ0584E.
**OSZ0591E**

**INTENT access by XUSERID ACTION UIDNAME = IUSERID**

*Explanation:* Access to the resource at the indicated access level (INTENT) has been denied by the External Security Manager (ESM). The name of the resource to which access has been denied is indicated by its CLASS name in message OSZ0594E, which follows, and by its ENTITY name, which is exhibited starting with message OSZ0595E. Additional messages OSZ0596E, OSZ0597E, OSZ0598E and OSZ0599E, as necessary, follow message OSZ0595E in order to exhibit the maximum length (255 character) ENTITY name. Access to the resource is not permitted. The command, process, or function that was being attempted fails.

*User response:* If you believe that you should have access to the indicated resource, contact your security administrator or the resource owner to obtain the level of access required.

**OSZ0592E**

**TERMINAL= TERMINAL GROUP= GROUP APPL= APPLID**

*Explanation:* This message is a continuation of message OSZ0591E. It indicates the TERMINAL (LUNAME, POE, and IP address) at which the indicated user ID is signed on, the GROUP IDENTity associated with that security environment, and SAF APPLication name that attempted to authorize the access to the resource indicated in messages OSZ0594E and OSZ0595E.

*User response:* Refer to the documentation for message OSZ0591E.

**OSZ0593E**

**SECLABEL= SECLABEL**

*Explanation:* This message is a continuation of message OSZ0591E. If the user ID indicated in message OSZ0591E signed on with a nonblank SECLABEL, this message will be issued, along with OSZ0591E and OSZ0592E, indicating the SECLABEL associated with that security environment.

*User response:* Refer to the documentation for message OSZ0591E.

**OSZ0594E**

**To ESMTYPE CLASS= CLASS TYPE( ACF2TYPE ) LENGTH= ENTITYLN disallowed**

*Explanation:* This message is a continuation of message OSZ0591E. It indicates the External Security Manager (ESM) type, the resource CLASS name, the ACF2 RULE TYPE, and the length of the ENTITY name (1-255), which will be exhibited in subsequent messages OSZ0595E through, as necessary, OSZ0599E.

*User response:* Refer to the documentation for message OSZ0591E.

**OSZ0595E**

**ENTITY00**

*Explanation:* This message follows messages OSZ0591E, OSZ0592E, and OSZ0594E. It indicates the ENTITY name of the resource to which access has been denied. This message includes characters 1-54 of the ENTITY name. If there are more than 54 characters in the ENTITY name, message OSZ0596E will follow this message.

*User response:* Refer to the documentation for message OSZ0591E.
OSZ0596E

**ENTITY36**

*Explanation:* This message follows messages OSZ0591E, OSZ0592E, OSZ0594E, and OSZ0595E. It indicates the ENTITY name of the resource to which access has been denied. This message includes characters 55-108 of the ENTITY name. If there are more than 108 characters in the ENTITY name, message OSZ0597E will follow this message.

*User response:* Refer to the documentation for message OSZ0591E.

OSZ0597E

**ENTITY6C**

*Explanation:* This message follows messages OSZ0591E, OSZ0592E, OSZ0594E, OSZ0595E, and OSZ0596E. It indicates the ENTITY name of the resource to which access has been denied. This message includes characters 109-162 of the ENTITY name. If there are more than 162 characters in the ENTITY name, message OSZ0598E will follow this message.

*User response:* Refer to the documentation for message OSZ0591E.

OSZ0598E

**ENTITYA2**

*Explanation:* This message follows messages OSZ0591E, OSZ0592E, OSZ0594E, OSZ0595E, OSZ0596E, and OSZ0597E. It indicates the ENTITY name of the resource to which access has been denied. This message includes characters 163-216 of the ENTITY name. If there are more than 216 characters in the ENTITY name, message OSZ0599E will follow this message.

*User response:* Refer to the documentation for message OSZ0591E.

OSZ0599E

**ENTITYD8**

*Explanation:* This message follows messages OSZ0591E, OSZ0592E, OSZ0594E, OSZ0595E, OSZ0596E, OSZ0597E, and OSZ0598E. It indicates the ENTITY name of the resource to which access has been denied. This message includes characters 217-255 of the ENTITY name.

*User response:* Refer to the documentation for message OSZ0591E.

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**Messages OSZ1000 through OSZ1099**

This group includes messages for the Runtime Component System product.

OSZ1013W

**Registry import format in: value element type attribute invalid found.**

*Explanation:* The Registry Import Utility (RIU) registry IMPORT file specified an invalid type attribute on a value element. The registry IMPORT is aborted.

*User response:* Correct the incorrect type attribute on the value element and then rerun the Registry Import Utility.
OSZ1014W Registry import format in: value element missing attribute.  
Explanation: The Registry Import Utility (RIU) registry IMPORT file contains a value element that is missing the required attribute indicated. The registry IMPORT is aborted. 
User response: Provide the missing attribute on the value element and then rerun the Registry Import Utility.

OSZ1015W Registry import format in: unexpected element in key element.  
Explanation: The Registry Import Utility (RIU) registry IMPORT file contains an unexpected element in a key element. The registry IMPORT is aborted. 
User response: Remove or correct the unexpected element in the key element in the IMPORT file, and then rerun the Registry Import Utility.

OSZ1016W Registry import format in: expected field but saw.  
Explanation: The Registry Import Utility (RIU) registry IMPORT file contains an unexpected field in a value element. The registry IMPORT is aborted. 
User response: Correct the value element in the IMPORT file and then rerun the Registry Import Utility.

OSZ1017W Registry import format in: invalid enumeration value.  
Explanation: The Registry Import Utility (RIU) registry IMPORT file contains an invalid CORBA enumeration value in a value element. The registry IMPORT is aborted. 
User response: Correct the incorrect enumeration value in the IMPORT file, and then rerun the Registry Import Utility.

OSZ1018E RTCS HTTP Server failed to initialize, exiting  
Explanation: Nonintegrated sockets could not be initialized. The Runtime Component System (RTCS) HTTP Server initialization is aborted. 
User response: No action is required.

OSZ1019I RTCS HTTP Server initializing  
Explanation: The Runtime Component System (RTCS) HTTP Server initialization process has started. This message is a normal initialization message. 
User response: No action is required.

OSZ1020I RTCS HTTP Server control task starting  
Explanation: The Runtime Component System (RTCS) HTTP Server control task is starting. 
User response: No action is required.
OSZ1021W  RTCS HTTP Server task terminated, restarting task

Explanation: The Runtime Component System (RTCS) HTTP Server was terminated, and will restart. The system is trying to restart the RTCS HTTP Server.

User response: No action is required.

OSZ1022I  RTCS HTTP Server shutting down from STOP command

Explanation: The Runtime Component System (RTCS) HTTP Server has been shut down. No further HTTP requests will be honored.

User response: No action is required.

OSZ1023W  RTCS HTTP Server control task terminated

Explanation: The Runtime Component System (RTCS) HTTP Server control task was terminated.

User response: No action is required.

OSZ1024W  RTCS HTTP Server /rtcs/http/Timeout registry value not set, using default of 300 seconds

Explanation: The Runtime Component System (RTCS) registry socket timeout value has not been set, and the default value of 300 seconds is assumed. The socket timeout value resets to the default of 300 seconds.

User response: Run the RTCS Registry Import Utility to set the values for your installation.

OSZ1025W  RTCS HTTP Server /rtcs/http/KeepAlive registry value not set, defaulting to use persistent connections

Explanation: The Runtime Component System (RTCS) registry socket keep alive (KeepAlive) value has not been set. The system assumes continuous socket connections (the default).

User response: Run the RTCS Registry Import Utility to set the values for your installation.

OSZ1026W  RTCS HTTP Server /rtcs/http/KeepAliveTimeout registry value not set, using default of 15 seconds

Explanation: The Runtime Component System (RTCS) registry socket keep alive timeout (KeepAliveTimeout) value has not been set. The socket KeepAliveTimeout value defaults to 15 seconds.

User response: Run the RTCS Registry Import Utility to set the values for your installation.
OSZ1027W HTTP default taken The /rtcs/HTTPServer/KeepAliveMax registry value is not set, using default of 100 requests.
Explanation: The Runtime Component System (RTCS) registry socket keep alive maximum (KeepAliveMax) requests value has not been set. The socket KeepAliveMax requests limit defaults to 100 requests.
User response: Run the RTCS Registry Import Utility to set the values for your installation.

OSZ1028E RTCS Registry import file could not be opened.
Explanation: The specified registry import file could not be opened. The registry IMPORT process is terminated.
User response: Correct the problems in the definition or the contents of the specified registry IMPORT file, and rerun the registry IMPORT utility.

OSZ1029I RTCS HTTP Server initialization complete, listening on port
Explanation: The initialization of the Runtime Component System (RTCS) HTTP Server has completed and is listening on the specified port.
User response: No action is required.

OSZ1030W RTCS HTTP Server /rtcs/http/PortNumber registry value not set, using default port number 4080
Explanation: The Runtime Component System (RTCS) port number (PortNumber) registry value has not been set. The RTCS HTTP Server is configured to listen on port 4080 (the default).
User response: No action is required.

OSZ1031W RTCS HTTP Server - The file open for URL ???? failed due to:
Explanation: An error occurred during an attempt to open the requested file. The file is not opened, and the request is declined.
User response: No action is required.

OSZ1032E RTCS HTTP Server failed to establish session
Explanation: An error occurred during an attempt to establish a session. The session is not established, and the request is declined.
User response: No action is required.

OSZ1033W RTCS HTTP Server - The Product Module component could not be loaded from the load module/program object()
Explanation: The component requested could not be loaded. The request is declined.
User response: No action is required.
OSZ1034W  RTCS HTTP Server - The Product Module component could not be instantiated from the load module/program object().

Explanation:  The component requested could not be instantiated. The request is declined.

User response:  No action is required.

OSZ1035W  RTCS HTTP Server unsupported method made for Product Module

Explanation:  A request for an unsupported method was received for the Product Module. The request from the Web browser is declined.

User response:  No action is required.

OSZ1036E  HTTP PMI ABEND The Product Module component ABENDED when processing a request for , with the ABEND CODE(x")/RSN(X")

Explanation:  The Product Module component was dispatched to handle the request but encountered an abend during processing. The request fails, and the details of the request are documented.

User response:  Collect the messages prior to this one in the log for the server address space, and report them to BMC Customer Support.

OSZ1037E  RTCS HTTP Server failed to complete the request

Explanation:  An internal processing error has occurred, and the request cannot be completed. The request is declined, and an HTTP 500 status code is returned to the client.

User response:  Contact BMC Customer Support.

OSZ1038E  RTCS HTTP Server failed to create a session instance

Explanation:  An internal processing error has occurred, and the request cannot be completed. The request is declined, and an HTTP 500 status code is returned to the client.

User response:  Contact BMC Customer Support.

OSZ1039W  The session information maintained for the client at xxxx is either no longer valid or is not valid for the APPLID.

Explanation:  The request is rejected.

User response:  No action is required.

OSZ1040W  HTTP failed to remove session from timeout list

Explanation:  The HTTP server encountered a failure managing the session timeout list. The session is recovered and inserted into the session timeout list again.

User response:  No action is required.
OSZ1041E  HTTP failed to insert session into timeout list

Explanation: An internal error has occurred in the HTTP server. Processing continues, but the session is dropped.

User response: Contact BMC Customer Support.

OSZ1042E  HTTP failed to allocate resources for worker task - terminating

Explanation: The HTTP server attempted to allocate resources required to initialize a worker task and failed. The HTTP server control task terminates without further initialization.

User response: Attempt to determine if there is a storage shortage on the system and retry the HTTP server initialization. If the problem persists without any obvious cause from the system environment, contact BMC Customer Support for further assistance.

OSZ1043E  HTTP failed to allocate control task notify element - terminating

Explanation: The HTTP server attempted to allocate the notify element used by the control task and failed. The HTTP server control task terminates without further initialization.

User response: Check the log for other messages and report them to BMC Customer Support.

OSZ1044E  HTTP failed to start worker task - terminating

Explanation: The HTTP server attempted to start one of the initial set of worker tasks and failed. The HTTP server control task terminates without further initialization.

User response: Check the log for other messages and report them to BMC Customer Support.

OSZ1045I  HTTP shutdown requested - starting shutdown sequence

Explanation: The HTTP server control task has been notified to shut down. The HTTP server control task will begin the shutdown sequence and will terminate after shutting down any outstanding HTTP worker tasks.

User response: If this message is issued subsequent to stopping the address space, it simply indicates normal operation. If this message is issued and a stop command was not issued on the address space, check the log for other messages and report them to BMC Customer Support.

OSZ1046W  HTTP unknown control POST received:

Explanation: The HTTP server control task received an unrecognized notification. The HTTP server control task generates this message and then ignores the POST.

User response: If this message is issued, check the log for other messages and report them to BMC Customer Support.
OSZ1047E  HTTP control task failed to dequeue worker task

Explanation: The HTTP server control task failed to dequeue the control block representing a worker task that has terminated. The HTTP server control task generates this message and then continues to process the worker task termination.

User response: If this message is issued, check the log for other messages and report them to BMC Customer Support.

OSZ1048E  HTTP PMI allocate failed HTTP control task failed to dynamically allocate the dataset for PMI component

Explanation: The HTTP server control task failed to complete a Product Module Interface (PMI) load request because of a failure in dynamically allocating the data set specified in the message.

The HTTP server control task fails this PMI load request and continues processing. The HTTP worker task will issue message OSZ1033E, indicating the details of the request, which should be used for the actual problem determination. In addition, the HTTP client initiating the request will receive an HTTP 503 (Server Not Available) response containing the same message OSZ1033E details.

User response: This message will be followed by message OSZ1033E, indicating the details of the PMI module load request that generated this failure. In almost all cases, this error indicates an incorrect specification of the registry configuration information for this PMI URL.

OSZ1049E  HTTP PMI load failed HTTP control task failed to load and resolve the package() for PMI component

Explanation: The HTTP server control task failed to complete a Product Module Interface (PMI) load request because of a failure in dynamically allocating the data set specified in the message.

The HTTP server control task fails this PMI load request and continues processing. The HTTP worker task will issue message OSZ1033E, indicating the details of the request, which should be used for the actual problem determination. In addition, the HTTP client initiating the request will receive an HTTP 503 (Server Not Available) response containing the same message OSZ1033E details.

User response: This message will be followed by message OSZ1033E, indicating the details of the PMI module load request that generated this failure. In almost all cases, this error indicates an incorrect specification of the registry configuration information for this PMI URL.
OSZ1050E **HTTP PMI create failed** HTTP control task failed to create the ProductModule instance for component id, from package(). A reason code of xx was returned.

*Explanation:* The HTTP server control task failed to complete a Product Module Interface (PMI) instance create request either because the component corresponding to the specified component repository ID did not exist in the load module/program object, or a failure occurred during the processing of the create.

The HTTP server control task fails this PMI create request and continues processing. The HTTP worker task will issue message OSZ1033E, indicating the details of the client request, which should be used for the actual problem determination. In addition, the HTTP client initiating the request will receive an HTTP 503 (Server Not Available) response containing the same message OSZ1033E details.

*User response:* This message will be followed by message OSZ1033E, indicating the details of the PMI module create request that generated this failure. In almost all cases, this error indicates an incorrect specification of the registry configuration information for this PMI URL.

OSZ1051E **HTTP PMI register failed** HTTP control task failed to allocate storage for the ProductModule instance component, from package().

*Explanation:* The HTTP server control task failed to allocate storage for the registration of a Product Module Interface (PMI) instance.

The HTTP server control task fails this PMI allocation request and continues processing. The HTTP worker task will issue message OSZ1033E, indicating the details of the client request, which should be used for the actual problem determination. In addition, the HTTP client initiating the request will receive an HTTP 503 (Server Not Available) response containing the same message OSZ1033E details.

*User response:* This message will be preceded by messages that indicate the reason for the storage request failure. If the server address space is experiencing storage shortage, the shortage is the cause of this failure. Otherwise, collect the messages and report them to BMC Customer Support.

OSZ1052E **HTTP PMI request failed** HTTP control task received an unexpected data type for the payload data item on a PMI load request.

*Explanation:* The HTTP server control task received an unexpected data type for a payload data type and could not process the request to load a Product Module Interface (PMI) instance.

The HTTP server control task fails this PMI load request and continues processing. The HTTP worker task will issue message OSZ1033E, indicating the details of the client request, which should be used for the actual problem determination. In addition, the HTTP client initiating the request will receive
an HTTP 503 (Server Not Available) response containing the same message OSZ1033E details.

User response: This message should not occur under normal processing, and indicates a severe error in RTCS kernel processing. Collect the messages and report them to BMC Customer Support.

OSZ1053E  HTTP PMI request failed HTTP control task received an incorrect number of data payload data items on a PMI load request.

Explanation: The HTTP server control task received a request to load a Product Module Interface (PMI) instance, and did not receive the correct number of data payload items.

The HTTP server control task fails this PMI load request and continues processing. The HTTP worker task will issue message OSZ1033E, indicating the details of the client request, which should be used for the actual problem determination. In addition, the HTTP client initiating the request will receive an HTTP 503 (Server Not Available) response containing the same message OSZ1033E details.

User response: This message should not occur under normal processing, and indicates a severe error in RTCS kernel processing. Collect the messages and report them to BMC Customer Support.

OSZ1054E  HTTP auth request failed HTTP control task received an incorrect number of data payload data items on a Session authentication request.

Explanation: The HTTP server control task received a request to authenticate a Session on behalf of a client, but it did not receive the correct number of data payload items.

The HTTP server control task fails this Session authentication request and continues processing. The HTTP worker task will issue message OSZ1056E, indicating the details of the client request.

User response: This message should not occur under normal processing, and indicates a severe error in RTCS kernel processing. Collect the messages and report them to BMC Customer Support.

OSZ1055E  HTTP auth request failed HTTP control task received an unexpected data type for the payload data item on a session authentication request.

Explanation: The HTTP server control task received an unexpected data type for a payload data type and could not process the request to load a Product Module Interface (PMI) instance.

The HTTP server control task fails this PMI load request and continues processing. The HTTP worker task will issue message OSZ1033E indicating the details of the client request, which should be used for the actual problem determination. In addition, the HTTP client initiating the request will receive
an HTTP 503 (Server Not Available) response containing the same message OSZ1033E details.

User response: This message should not occur under normal processing, and indicates a severe error in RTCS kernel processing. Collect the messages and report them to BMC Customer Support.

**OSZ1056E**

HTTP authenticate failed HTTP authenticate processing failed and the session cannot be authenticated for user remote TCP/IP address

Explanation: The HTTP request processing task failed to perform an authorization for a client session. The HTTP server fails this session authentication request and continues processing.

User response: This message should not occur under normal processing, and indicates a severe error in HTTP server processing. Collect the messages and report them to BMC Customer Support.

**OSZ1057E**

HTTP socket exception HTTP encountered a TCP/IP level exception on a server socket listening on:

Explanation: The HTTP server could not accept connections on a server socket identified in the message text by TCP/IP address and port number because the TCP/IP select call signalled the socket in an exception state.

The HTTP server disconnects this socket and signals the HTTP control task to attempt to reconnect it. Processing continues with any remaining server sockets that are still allocated and active. The control task will rebind this socket to the TCP/IP address and port number and reenable it for connections.

User response: This message should not occur under normal processing, and indicates a severe error in TCP/IP operation on the system or the HTTP server processing. Collect the messages and report them to BMC Customer Support. The HTTP control task should indicate the status of rebinding the server socket, and if this process fails, you might have a severe problem with the TCP/IP configuration on the system.

**OSZ1058E**

HTTP worker failed to post the HTTP control task RC()/RSN()

Explanation: An HTTP worker task could not successfully post the HTTP control task to request some service. The HTTP worker task ends.

User response: This message should not occur under normal processing, and indicates a severe error in the HTTP server processing. Collect the messages and report them to BMC Customer Support.
OSZ1059E  HTTP worker failed while waiting with RC()/RSN()

Explanation: An HTTP worker task could not successfully complete the wait, or received an unexpected failure indication. The HTTP worker task ends.

User response: This message should not occur under normal processing, and indicates a severe error in the HTTP server processing. Collect the messages and report them to BMC Customer Support.

OSZ1060E  HTTP select error HTTP worker encountered a severe error issuing TCP/IP select, errno value

Explanation: An HTTP worker task called the TCP/IP server select and received either a catastrophic or unexceptioned error indication. The actual error value is indicated in the message. The HTTP worker task ends.

User response: This message should not occur under normal processing, and indicates a severe error in the HTTP server processing. Collect the messages and report them to BMC Customer Support.

OSZ1061I  HTTP server, worker tasks initialized

Explanation: The HTTP control task has successfully created the initial pool of worker tasks of the size indicated. The HTTP server begins accepting connections.

User response: No action is required.

OSZ1062I  HTTP worker task shutdown initiated

Explanation: The HTTP control task is shutting down, and is starting to shutdown the active worker tasks.

User response: No action is required.

OSZ1063I  HTTP worker task shutdown completed

Explanation: The HTTP control task has completed the shutdown of all active worker tasks. The HTTP control task proceeds with the shutdown sequence.

User response: No action is required.

OSZ1064E  HTTP control task exiting due to unexpected status RC()/RSN()

Explanation: The HTTP control task received an unexpected return code or reason code status from a service processing routine. The HTTP control task ends, and the HTTP server terminates.

User response: This message should not occur under normal processing, and indicates a severe error in the HTTP server processing. Collect the messages and report them to BMC Customer Support.
OSZ1065E  HTTP PMI failureThe Product Module component returned a failure when processing a request for, RC(x’’)/RSN(X’’)

Explanation:  The Product Module component was dispatched to handle the request but returned a failure during processing of the request. The request fails, and the details of the request are documented.

User response:  Collect the messages prior to this one in the log for the server address space, and report them to BMC Customer Support.

OSZ1066W  No OMVS segment defined for this address space

Explanation:  An OMVS (Open MVS) segment must be defined for the address space in which the RTCS HTTP Server is to run. The RTCS HTTP Server failed to initialize because of the absence of an OMVS segment for the address space.

User response:  Define an OMVS segment for this address space.

OSZ1067W  This server does not have a fully qualified domain name.

Explanation:  The server machine should have a fully qualified domain name. The RTCS HTTP Server continues to initialize in the absence of a fully qualified domain name.

User response:  BMC recommends that you define a fully qualified domain name for this machine.

OSZ1068E  HTTP user id specified longer than 8 characters.

Explanation:  The user ID entered has more than 8 characters (the maximum). The maximum length user ID for RACF, ACF2, and TSS is 8 characters. A session cannot be established by using the RTCS HTTP Server.

User response:  Enter a user ID of 8 characters or fewer.

OSZ1069E  HTTP password specified longer than 8 characters.

Explanation:  The password entered has more than 8 characters (the maximum). The maximum length password for RACF, ACF2, and TSS is 8 characters. A session cannot be established by using the RTCS HTTP Server.

User response:  Enter a password of 8 characters or fewer.

OSZ1070E  HTTP new password specified longer than 8 characters.

Explanation:  The new password entered has more than 8 characters. The maximum length new password for RACF, ACF2, and TSS is 8 characters. A session cannot be established by using the RTCS HTTP Server.

User response:  Enter a new password of 8 characters or fewer.

OSZ1080  Using TIER value for product

Explanation:  The RTCS LicenseManager has just read a BMC V3 Security password from the password data set and the TIER value noted will be used in
the enforcement of session licenses for the specified product. The RTCS LicenseManager has cached the license information.

*User response:* No action is required.

**OSZ1081 License use past limit offor product**

*Explanation:* The RTCS LicenseManager has just processed a new concurrent user session request for the specified product and the number of concurrent users is past the allowable number. The RTCS LicenseManager continues to process new concurrent user sessions.

*User response:* If this condition persists the customer should contact BMC sales to purchase an increased number of concurrent user licenses as per the terms and conditions agreed to at the time of sale.

**OSZ1082 RTCS License Manager control task terminating**

*Explanation:* The RTCS LicenseManager is unable to initialize the control task required for operation. The RTCS LicenseManager continues to operate, but without processing session timeouts.

*User response:* If this condition occurs the user should provide the message log for the RTCS address space to BMC Customer Support in order to diagnose the cause of this failure.

**OSZ1083I RTCS License Manager active**

*Explanation:* The RTCS LicenseManager has completed initialization and is ready to process license requests. The RTCS LicenseManager continues to operate.

*User response:* No action is required.

**OSZ1084I RTCS License Manager refresh complete**

*Explanation:* The RTCS LicenseManager has completed refreshing the cache of license information and will not reacquire license information as needed. The RTCS LicenseManager continues to operate.

*User response:* No action is required.

**OSZ1085E Session license unavailable No session licenses are available for the product TLA() VENDOR() NAME(), request not processed with result RC()/RSN().**

*Explanation:* The RTCS LicenseManager returned a hard failure for the session license request indicating that new concurrent user sessions for the specified product are no longer allowed. The RTCS HTTP server rejects the request and does not call the associated product functionality.

*User response:* Contact BMC Customer Support.

**OSZ1086E Failed to cache license for product**

*Explanation:* The RTCS License Manager has just read a BMC V3 Security password from the password data set, but some error is preventing this license
from being cached in the in-storage License Manager hash table. RTCS proceeds without the cached license information.

User response: No action is required.

**OSZ1087I**  
License for xxxxx product name action

Explanation: The RTCS License Manager has acquired, refreshed, released, or failed to obtain a license, using a BMC V3 Security password from the password data set, for the indicated user ID that is using, or attempting to use, the indicated product.

With a newly acquired or refreshed license, the end user is allowed to use the product. Each released license is made available for allocation to another user. If RTCS fails to obtain a license to the product for a user, access to that product is not permitted.

User response: No action is required.

**OSZ1099E**  
RTCS License Manager activation failed

Explanation: Runtime Component System (RTCS) subsystem initialization was unable to initialize the License Manager component. RTCS subsystem initialization fails.

User response: If the cause of the problem cannot be determined by using any License Manager messages issued prior to this message, contact BMC Customer Support.

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**Messages OSZ1500 through OSZ9999**

This group includes messages for the Runtime Component System product.

**OSZ1500W**  
RTCS Registry file: line: column: - value of type contained the characters """" which are out of range for this type.

Explanation: The Registry Import Utility (RIU) detected an error in data specified for the value of a type being imported into the registry. The erroneous data represents characters that are out of the valid range for the indicated type. The registry import is aborted.

User response: Correct the out of range data and rerun the Registry Import Utility.

**OSZ1501W**  
RTCS Registry file: line: column: - value of type contained the characters """" which are invalid for this type.

Explanation: The Registry Import Utility (RIU) detected an error in data specified for the value of a type being imported into the registry. The erroneous
data represents characters that are invalid for the indicated type. The registry import is aborted.

User response: Correct the invalid data and rerun the Registry Import Utility.

**OSZ1502E OSZRGIMP failed to allocate**

Explanation: The Registry Import Utility (RIU) failed to allocate a resource in virtual storage that is needed to process the import file. The registry import is aborted.

User response: Increase the REGION size and rerun the Registry Import Utility.

**OSZ1503E OSZRGIMP failed, SYSIN DD must contain IMPORT statements**

Explanation: No IMPORT statements were found in the SYSIN input stream. The registry import is aborted.

User response: Correct the incorrect SYSIN input stream and rerun the Registry Import Utility.

**OSZ1504E OSZRGIMP failed reading SYSIN**

Explanation: The Registry Import Utility (RIU) detected an error while attempting to read the input stream from the SYSIN DD statement. Registry Import Utility execution is aborted.

User response: Correct the incorrectly specified SYSIN DD statement or input data set and rerun the Registry Import Utility.

**OSZ1505E Invalid control statement, record**

Explanation: The Registry Import Utility (RIU) detected an unrecognized control statement in the SYSIN input stream. The registry import is aborted.

User response: Correct the error in the input stream and rerun the Registry Import Utility.

**OSZ1506E IMPORT file missing Missing filename on IMPORT control statement, record**

Explanation: The Registry Import Utility (RIU) failed to locate a valid file name to process on an IMPORT statement in the SYSIN input stream. The registry import is aborted.

User response: Specify the missing file name on the IMPORT statement, and then rerun the Registry Import Utility.

**OSZ1507E IMPORT file OPEN failed OPEN failed for IMPORT file name, record**

Explanation: The Registry Import Utility (RIU) failed to open the specified IMPORT file: DDNAME, DDNAME(MEMBER), or DSNAME. The file name was specified in the indicated record number in the SYSIN input stream to the
Registry Import Utility. This error is usually caused by an invalid file name in
an IMPORT control statement. The registry import is aborted.

User response: Correct the incorrect file name in the IMPORT statement, or
correct the allocation or confirm the existence of the indicated file name, and
then rerun the Registry Import Utility.

OSZ1508I Processing input line

Explanation: The next record from the SYSIN DD allocation is about to be
processed. This message informs the user of what was read by the Registry
Import Utility (RIU). The RIU begins processing the record, or issues an error
message if the command is not recognized, or an error is detected.

User response: No action is required.

OSZ1509E OPTIONS value missing Malformed OPTIONS control statement, record.
Missing option specification.

Explanation: An OPTIONS control statement was recognized, but did not
contain at least one option specification. Registry import processing is
terminated, and no other control statements are processed.

User response: Correct the control statement on the record indicated by either
eliminating the line, or adding the desired option specification. Resubmit the
registry import.

OSZ1510E OPTIONS value invalid One or more invalid characters found in option
value in OPTIONS control statement, record.

Explanation: An OPTIONS control statement was recognized, but did not
contain at least one option specification. Registry import processing is
terminated, and no other control statements are processed.

User response: Correct the control statement on the record indicated by either
eliminating the line, or adding the desired option specification. Resubmit the
registry import.

OSZ1511E OPTIONS value unknown The option value XXXXXXXX in the OPTIONS
control statement is not recognized, record XXXXXXXXXXXXXX.

Explanation: An OPTIONS control statement was recognized, but it contained
an invalid option value specification. Registry import processing is terminated,
and no other control statements are processed.

User response: Correct the OPTIONS control statement on the record indicated
by either eliminating the value, or specifying a valid option specification.
Resubmit the registry import.

OSZ1512I The option value ????? selected, record ???????

Explanation: The OPTIONS value specification was accepted. The option value
 specification is processed and will remain in effect until disabled.

User response: No action is required.
OSZ1513E  SET symbol name missing Malformed SET control statement, record XXXXXXXXXXXXXXXXXXXX. Missing symbol name and value.

Explanation:  The SET control statement on the record indicated was missing both a symbol name and value. Registry import processing is terminated, and no other control statements are processed.

User response:  Correct the SET control statement on the record indicated by either deleting the line, or specifying a valid symbol name and value specification. Resubmit the registry import.

OSZ1514E  SET Symbol name invalid One or more invalid characters found in symbol name in SET control statement, record XXXXXXXXXXXXXXXXXXXXXXXXXXXX.

Explanation:  The SET control statement on the record indicated specified a symbol name that contained invalid characters. Registry import processing is terminated, and no other control statements are processed.

User response:  Correct the SET control statement on the record indicated by removing the invalid characters from the symbol name. Specify only the following characters:
"ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789!@#$*"

OSZ1515E  SET Symbol value missing Malformed SET control statement, record XXXXXXXXXXXXXXXXXXXXXXXX. Missing symbol value.

Explanation:  The SET control statement on the record indicated did not specify a symbol value. Registry import processing is terminated, and no other control statements are processed.

User response:  Correct the SET control statement on the record indicated by adding a symbol value. Resubmit the registry import.

OSZ1516E  SET Symbol value invalid One or more invalid characters found in symbol value in SET control statement, record XXXXXXXXXXXXXXXXXXXXXXX.

Explanation:  The SET control statement on the record indicated specified a symbol value which contained invalid characters. Registry import processing is terminated, and no other control statements are processed.

User response:  Correct the SET control statement on the record indicated by removing the invalid characters from the symbol value. Specify only the following characters:
ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789 .`~!@#$%^&*()-_`[]'{"';,:<.>?

OSZ1517I  Processed SET command xxxx Adding symbol, value to import symbol table.

Explanation:  A SET control statement was successfully processed, and the symbol and its value are being added to the registry import symbol table. The
symbol name and value are saved for substitution directives encountered in subsequent imports.

User response: No action is required.

OSZ1518E IMPORT file name invalid
One or more invalid characters found in the file name in an IMPORT control statement, record
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Explanation: The IMPORT control statement on the record indicated specified a file name which contained invalid characters. Registry import processing is terminated, and no other control statements are processed.

User response: Correct the IMPORT control statement on the record indicated by removing the invalid characters from the file name. Specify only the following characters: A-Z, a-z, 0-9, @, $, #, :, 

OSZ1519I Processing import file, record.

Explanation: An IMPORT control statement was successfully processed and the file will be imported. The Registry Import Utility (RIU) will open and process the import document contained in the file specified.

User response: No action is required.

OSZ1520E Import failed for file, record

Explanation: The import processing of the file specified failed with an error. Registry import processing is terminated, and no other control statements are processed.

User response: Search for previous error messages in the SYSOUT log. These error messages will indicate the precise cause of the import failure.

OSZ1521I Completed importing file, record.

Explanation: An import file was successfully processed without encountering either a warning or error. The Registry Import Utility (RIU) will process the next control statement.

User response: No action is required.

OSZ1522E OSZRGIMP failed to obtain resources

Explanation: During the import processing of a file, the Registry Import Utility (RIU) encountered a failure to allocate the necessary resources to continue processing. Registry import processing is terminated, and no other control statements are processed.

User response: This condition should not occur under normal circumstances. Search for previous error messages in the SYSOUT log. These error messages will indicate the precise cause of the import failure. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.
OSZ1523E  
**OSZRGIMP internal error**

*Explanation:* The Registry Import Utility (RIU) encountered an internal error while processing the import file directives. This message is intended to document a severe processing error that should not occur under normal operation. The actual text of the message will contain a description of the type of internal error that was encountered. Registry import processing is terminated, and no other control statements are processed.

*User response:* This condition should not occur under normal circumstances. Search for previous error messages in the SYSOUT log. These error messages will indicate the precise cause of the import failure. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

OSZ1524I  
**PRETEND key action Would have performed action on the key**

*Explanation:* The control statement OPTION specification PRETEND was in effect. This message indicates what import action would have been carried out for the key specified. The Registry Import Utility (RIU) will not carry out the action specified in the message, and will continue processing the import directives in the current import file.

*User response:* No action is required.

OSZ1525I  
**Created key**

*Explanation:* The attempt to create a new registry key succeeded. The name of the key created is specified in the message. The control statement OPTION specification TRACE was in effect. This message is a progress indication by the Registry Import Utility (RIU).

*User response:* No action is required.

OSZ1526E  
**Key create failed Import of XXXXXXX failed: Could not create the key. Failed with unexpected exception**

*Explanation:* The Registry Import Utility (RIU) attempted to create a new registry key and failed due to an unrecognized exception. This error condition indicates a mismatch in the levels of the RTCS kernel and the RIU. Registry import processing is terminated, and no other control statements are processed.

*User response:* This condition should not occur under normal circumstances, and when it does there is an installation problem with the RIU. Verify that the location from which you are executing the import utility is correct for the RTCS kernel that is executing on the system. If you cannot determine the cause of the mismatch in the libraries, search for previous error messages in the SYSOUT log. These error messages will indicate the precise cause of the import failure. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

OSZ1527E  
**Key create failed Import of XXXXXXXXXX failed: Could not create the key. Failed with RC()/RSN().**

*Explanation:* The Registry Import Utility (RIU) attempted to create a new registry key and failed due to an unexpected return code/reason code. This
error condition indicates a problem with the update to the registry. Registry import processing is terminated, and no other control statements are processed.

User response: This condition should not occur under normal circumstances, and when it does a problem occurred with the call to the registry to create the new key requested by the import file. If it is possible that the registry key in question was being created by another program at the same time, it is safe to simply rerun the registry import. If the error does not reoccur, this error can be ignored. If the problem does reoccur, or there was no possibility of a concurrent update on this registry key, collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

**OSZ1528I**  
**Verified key**  
_Explanation:_ The attempt to verify a new registry key succeeded. The name of the key verified is specified in the message. This message is a progress indication by the Registry Import Utility (RIU).

User response: No action is required.

**OSZ1529E**  
**Key verify failed Import of XXXXXXXXXX failed: Could not verify the key.**  
_Explanation:_ The Registry Import Utility (RIU) attempted to verify the existence of a registry key required by the import file named in the message, and the key did not exist. This error condition indicates either an incorrect import file, or that the current import file was depending on the results of a prior import. Registry import processing is terminated, and no other control statements are processed.

User response: If the import file is provided directly by a BMC product, contact BMC Customer Support and provide this message and any others that were generated in the SYSOUT. If the import file has been created directly, it might be sufficient to simply change the action for this key to be "create-update" instead of verify. This change can be done by adding the attribute action to the registry key element in question.

**OSZ1530I**  
**Deleted key**  
_Explanation:_ The attempt to delete an existing registry key succeeded. The name of the key deleted is specified in the message. The control statement OPTION specification TRACE was in effect. This message is a progress indication by the Registry Import Utility (RIU).

User response: No action is required.

**OSZ1531E**  
**Key delete failed Import of XXXXXXXXXX failed: Could not delete the key. Failed with unexpected exception**  
_Explanation:_ The Registry Import Utility (RIU) attempted to delete an existing registry key and failed due to an unrecognized exception. This error condition indicates a mismatch in the levels of the RTCS kernel and the RIU. Registry import processing is terminated, and no other control statements are processed.

User response: This condition should not occur under normal circumstances, and when it does there is an installation problem with the RIU. Verify that the
location from which you are executing the import utility is correct for the RTCS
kernel that is executing on the system. If you cannot determine the cause of the
mismatch in the libraries, search for previous error messages in the SYSOUT
log. These error messages will indicate the precise cause of the import failure.
Collect all SYSOUTs for this registry import job, and send them to BMC
Customer Support.

**OSZ1532E**

**Key delete failed Import of XXXXXXXXXX failed: Could not delete the key. Failed with RC()/RSN().**

*Explanation:* The Registry Import Utility (RIU) attempted to delete an existing
registry key and failed because of an unexpected return code or reason code.
This error condition indicates a problem with the update to the registry.
Registry import processing is terminated, and no other control statements are
processed.

*User response:* This condition should not occur under normal circumstances,
and when it does a problem occurred with the call to the registry to delete an
existing key requested by the import file. If it is possible that the registry key in
question was being deleted or updated by another program at the same time, it
is safe to simply rerun the registry import. If the error does not reoccur, this
error can be ignored. If the problem does reoccur, or there was no possibility of
a concurrent update on this registry key, collect all SYSOUTs for this registry
import job, and send them to BMC Customer Support.

**OSZ1533W**

**Key delete warning Could not locate key for deletion, key.**

*Explanation:* The Registry Import Utility (RIU) attempted to delete an existing
registry key and failed because the key did not exist. Registry import
processing continues.

*User response:* No action is required.

**OSZ1534E**

**Key action failed Import of failed: Invalid action requested for the key**

*Explanation:* The Registry Import Utility (RIU) attempted to process a key
element and the action in effect was not valid. Registry import processing is
terminated, and no other control statements are processed.

*User response:* This condition should not occur under normal circumstances.
Collect all SYSOUTs for this registry import job, and send them to BMC
Customer Support.

**OSZ1535I**

**PRETEND value action Would have performed action on the value in key**

*Explanation:* The control statement OPTION specification PRETEND was in
effect, and this message indicates what import action would have been carried
out for the key specified. The Registry Import Utility (RIU) will not carry out
the action specified in the message, and will continue processing the import
directives in the current import file.

*User response:* No action is required.
OSZ1536I  Created value

Explanation: The attempt to create a new registry value succeeded. The name of the value created is specified in the message. The control statement OPTION specification TRACE was in effect. This message is a progress indication by the Registry Import Utility (RIU).

User response: No action is required.

OSZ1537E  Value create failed Import of XXXXXXXXXXX failed: Could not create the value XXXXXXXX in key. Failed with unexpected exception

Explanation: The Registry Import Utility (RIU) attempted to create a new registry value and failed because of an unrecognized exception. This error condition indicates a mismatch in the levels of the RTCS kernel and the RIU. Registry import processing is terminated, and no other control statements are processed.

User response: This condition should not occur under normal circumstances, and when it does there is an installation problem with the RIU. Verify that the location from which you are executing the import utility is correct for the RTCS kernel that is executing on the system. If you cannot determine the cause of the mismatch in the libraries, search for previous error messages in the SYSOUT log. These error messages will indicate the precise cause of the import failure. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

OSZ1538E  Value create failed Import of XXXXXXXX failed: Could not create the value XXXXXXXX in key. Failed with RC()/RSN().

Explanation: The Registry Import Utility (RIU) attempted to create a new registry value and failed because of an unexpected return code or reason code. This condition indicates a problem with the update to the registry. Registry import processing is terminated, and no other control statements are processed.

User response: This condition should not occur under normal circumstances, and when it does a problem occurred with the call to the registry to create the new value requested by the import file. If it is possible that the registry value in question was being created by another program at the same time, it is safe to simply rerun the registry import. If the error does not reoccur, this error can be ignored. If the problem does reoccur, or there was no possibility of a concurrent update on this registry value, collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

OSZ1539I  Updated value

Explanation: The attempt to update a new registry value succeeded. The name of the value updated is specified in the message. The control statement OPTION specification TRACE was in effect. This message is a progress indication by the Registry Import Utility (RIU).

User response: No action is required.
OSZ1540E  Value update failed xxxxxxxx Import of yyyyyyy failed: Could not set the value zzzzzzzz in key. Failed with unexpected exception

Explanation:  The Registry Import Utility (RIU) attempted to update a registry value and failed because of an unrecognized exception. This error condition indicates a mismatch in the levels of the RTCS kernel and the RIU. Registry import processing is terminated, and no other control statements are processed.

User response:  This condition should not occur under normal circumstances, and when it does there is an installation problem with the RIU. Verify that the location from which you are executing the import utility is correct for the RTCS kernel that is executing on the system. If you cannot determine the cause of the mismatch in the libraries, search for previous error messages in the SYSOUT log. These error messages will indicate the precise cause of the import failure. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

OSZ1541E  Value update failed xxxxxxxx Import of yyyyyyy failed: Could not set the value zzzzzzzz in key aaaaaaaaaa because it did not exist.

Explanation:  The Registry Import Utility (RIU) attempted to update a registry value and failed because the value did not already exist. Registry import processing is terminated, and no other control statements are processed.

User response:  This condition indicates that the import file contained an update for a nonexistent value, but was not set to create it automatically. If the import file in question is delivered as part of a BMC product, you should collect all SYSOUTs for this registry import job, and send them to BMC Customer Support. If this import file was created, it might be acceptable to change the import action for this value to create-update instead of simply update. To do this, add or update the XML attribute action="create-update" to the value element.

OSZ1542E  Value create failed xxxxxxxx Import of yyyyyyy failed: Could not update the value zzzzzzzz in key aaaaaaaa. Failed with RC()/RSN().

Explanation:  The Registry Import Utility (RIU) attempted to update an existing registry value and failed because of an unexpected return code or reason code. This error condition indicates a problem with the update to the registry. Registry import processing is terminated, and no other control statements are processed.

User response:  This condition should not occur under normal circumstances, and when it does a problem occurred with the call to the registry to create the new value requested by the import file. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

OSZ1543I  Deleted value xxxxxxxx

Explanation:  The attempt to delete an existing registry value succeeded. The name of the value deleted is specified in the message. The control statement
OPTION specification TRACE was in effect. This is a progress indication by the Registry Import Utility (RIU).

*User response:* No action is required.

**OSZ1544E**  
**Value delete failed xxxxxxxx Import of yyyyyyyy failed: Could not delete the value zzzzzzzz in key aaaaaaaa. Failed with unexpected exception**

*Explanation:* The Registry Import Utility (RIU) attempted to delete a registry value and failed because of an unrecognized exception. This error condition indicates a mismatch in the levels of the Runtime Component System (RTCS) kernel and the Registry Import Utility (RIU). Registry import processing is terminated, and no other control statements are processed.

*User response:* This condition should not occur under normal circumstances, and when it does there is an installation problem with the RIU. Verify that the location from which you are executing the import utility is correct for the RTCS kernel that is executing on the system. If you cannot determine the cause of the mismatch in the libraries, search for previous error messages in the SYSOUT log. These error messages will indicate the precise cause of the import failure. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

**OSZ1545E**  
**Value delete failed Import of yyyyyyyy failed: Could not delete the value xxxxxxxx in key aaaaaaaa because it did not exist.**

*Explanation:* The Registry Import Utility (RIU) attempted to delete a registry value and failed because the value did not exist. Registry import processing is terminated, and no other control statements are processed.

*User response:* This condition indicates that the import file contained a delete request for a nonexistent value. If the import file in question is delivered as part of a BMC product, refer to the product release notes or installation and configuration information to see if this condition is expected. If not, collect all SYSOUTs for this registry import job, and send them to BMC Customer Support. If this import file was created locally, it might be acceptable to remove the delete specification for the registry key.

**OSZ1546E**  
**Value delete failed xxxxxxxx Import of yyyyyyyy failed: Could not delete the value zzzzzzzz in key aaaaaaaa. Failed with RC()/RSN().**

*Explanation:* The Registry Import Utility (RIU) attempted to delete an existing registry value and failed because of an unexpected return code or reason code. This error condition indicates a problem with the update to the registry. Registry import processing is terminated, and no other control statements are processed.

*User response:* This condition should not occur under normal circumstances, and when it does, a problem occurred with the call to the registry to create the new value requested by the import file. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.
OSZ1547E  Value action failed Import of $yyyyyyyy failed: Invalid action requested $cccccccc for the value $xxxxxxxx in key $zzzzzzzz

Explanation: The Registry Import Utility (RIU) attempted to process a key element and the action in effect was not valid. Registry import processing is terminated, and no other control statements are processed.

User response: This condition should not occur under normal circumstances. Collect all SYSOUTs for this registry import job, and send them to BMC Customer Support.

OSZ1548I  Changing default action to

Explanation: The Registry Import Utility (RIU) processed an action attribute and the default action to be performed on all contained import elements is changed to the one stated in the message. The import action mentioned in the message text will be used to process all import directives contained within the current element. This message is generated only if the TRACE OPTIONS specification is active.

User response: No action is required.

OSZ1549I  Processed substitution Registry $aaaaaaa file: $bbbbbbb line: $#### column:$#### - Processed symbol substitution for $xxx

Explanation: The Registry Import Utility (RIU) processed a symbol substitution element successfully. The symbols value is substituted in the character data at the point at which the symbol substitution element was encountered. This message is generated only if the TRACE OPTIONS specification is active.

User response: No action is required.

OSZ1550E  Value attribute missing Import of $eeeeecee failed. Value element $xxxxxxxx missing attribute $aaaaaaa within value $vvvvvvvv

Explanation: The Registry Import Utility (RIU) encountered a value element declaration that was missing the required attribute specified in the message. The missing attribute is required for all value element declarations, and the import is aborted after this problem is reported.

User response: If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.

OSZ1551E  Unbalanced end element $eeeeecee Import of $xxxxxxxx failed. Unbalanced end element expected $yyyyyyyyy and got $zzzzzzzz.

Explanation: The Registry Import Utility (RIU) encountered an unexpected end element, which resulted in the import file not being well-formed XML. The unexpected element specified in the message is invalid, and the import processing cannot continue.

User response: If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import
file was produced locally, correct the error by providing the correct attribute and value.

**OSZ1552E**  
**Missing name attribute Registry file:** line:column:- A Registry built-in element was found, but the attribute name was missing

*Explanation:* The Registry Import Utility (RIU) encountered a built-in value declaration (element) that did not have a name specified. The attribute name is required for all built-in value directives, and as a result, the import processing is aborted.

*User response:* If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.

**OSZ1553E**  
**Invalid built-in usage uuuuuuuu Registry file:** line:column:- A Registry built-in element was found, but was not placed within element content

*Explanation:* The Registry Import Utility (RIU) encountered a built-in value substitution element outside of a character data context. The import processing is aborted.

*User response:* If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.

**OSZ1554E**  
**Undefined uuuuuuuu built-in value vvvvvvvv Registry file:** fffffff line:#### column:#### - Could not resolve the built-in value

*Explanation:* The Registry Import Utility (RIU) encountered a built-in value substitution element with a name that is not recognized as a built-in value. The import processing is aborted.

*User response:* If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.

**OSZ1555E**  
**Too many members Registry file:** aaaaaaaa line:#### column:#### - Too many elements for a structure, extraneous member is eeeeeeee

*Explanation:* The Registry Import Utility (RIU) encountered a structure member value declaration that was not defined in the structure type. The import processing is aborted.

*User response:* If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.
OSZ1556E  TypeCode data invalid Registry file: aaaaaaaaa line:#### column:#### - Failed to extract the structure member name of type ttttttt from the TypeCode data for the structure type xxxxxxxx

Explanation:  The Registry Import Utility (RIU) encountered a problem within the definition of a structure type that was fatal. This problem is severe and indicates that the TypeCode data for the structure was corrupt. The import processing is aborted.

User response:  If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.

OSZ1557E  Invalid member name Registry file: aaaaaaaaa line:#### column:#### - The member name for the element eeeeeeee does not match the expected member bbbbbbbb

Explanation:  The Registry Import Utility (RIU) encountered an incorrect member element within the value for a structured data type. The name of the expected member element is contained in the message. The import processing is aborted.

User response:  If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.

OSZ1558E  TypeCode data invalid Registry file: aaaaaaaaa line:#### column:#### - Failed to extract the the sequence length, member type, or the member name from the TypeCode data for the sequence type zzzzzzzz

Explanation:  The Registry Import Utility (RIU) encountered a problem within the definition of a sequence data type that was fatal. This problem is severe and indicates that the TypeCode data for the sequence is corrupt. The import processing is aborted.

User response:  If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.

OSZ1559E  TypeCode data invalid Registry file: xxxxxxxxx line:#### column:#### - Failed to extract the array length, member type, or the member name from the TypeCode data for the type zzzzzzzz

Explanation:  The Registry Import Utility (RIU) encountered a problem within the definition of an array data type that was fatal. This problem is severe and indicates that the TypeCode data for the sequence is corrupt. The import processing is aborted.

User response:  If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct attribute and value.
OSZ1560E  Invalid parser state xxxxxxx Registry file xxxxxxx:line: xxxx column:####
- Parser has arrived at an invalid state while processing the container type

Explanation:  The Registry Import Utility (RIU) encountered an error while parsing the input statement. Data was expected for the indicated data type, but no more exists in the current input stream. The import processing is aborted.

User response:  If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing all of the necessary data.

OSZ1561E  Invalid value data xxxxxxx Registry file: yyyyyyyyy line:##### column:#####
- Invalid data was provided for sequence type name, expected zzzzzzzz for type aaaaaaaa

Explanation:  The Registry Import Utility (RIU) encountered invalid data for an imported value. The data was expected in the format specified in the message, but was provided in a different format. The import processing is aborted.

User response:  If this file is a registry import file that was supplied by a BMC product, contact the appropriate BMC Customer Support group. If this import file was produced locally, correct the error by providing the correct data value format.

OSZ1562W  No IMPORT control statements were processed

Explanation:  The Registry Import Utility (RIU) completed processing the control statements specified in the SYSIN, but did not process an IMPORT control statement. As a result, the registry was not updated. The import processing is completed.

User response:  If the import job was intended to perform updates to the registry, add the appropriate IMPORT control statements and resubmit the job.

OSZ1563E  Registry read error for file

Explanation:  The Registry Import Utility (RIU) encountered an error reading the specified IMPORT file. The registry import is aborted.

User response:  Correct the incorrect file name in the IMPORT statement, or correct the allocation or confirm the existence and the contents of the indicated file name, and then rerun the Registry Import Utility.

OSZ1564E  Registry parser error "" in, at line

Explanation:  The XML parser called by the Registry Import Utility (RIU) detected an error in the registry IMPORT file. The registry import is aborted.

User response:  Correct the incorrect XML or data in the IMPORT file and rerun the Registry Import Utility.
OSZ1565E  Invalid root element xxxxxxxx IMPORT of yyyyyyyy failed: invalid root element, IMPORT files must begin with reg:import

Explanation:  The Registry Import Utility (RIU) found an incorrect XML root element at the beginning of a registry IMPORT file. The registry import is aborted.

User response:  Correct the incorrect XML text in the root element of the XML IMPORT file, and then rerun the Registry Import Utility.

OSZ1566E  Unbalanced end element xxxxxxxx IMPORT of yyyyyyyy failed: unbalanced end element: zzzzzzzz expected, but got aaaaaaaa.

Explanation:  The Registry Import Utility (RIU) found an unbalanced XML end element in the registry IMPORT file. The registry import is aborted.

User response:  Correct the incorrect XML text in the XML IMPORT file, and then rerun the Registry Import Utility.

OSZ1567E  Key xxxxxxxx missing name attr bbbbbbbb IMPORT of zzzzzzzz failed: key element missing name attribute

Explanation:  The Registry Import Utility (RIU) encountered a key element in the registry IMPORT file that was missing its name attribute. The registry import is aborted.

User response:  Correct the incorrect XML text in the XML IMPORT file (by adding the name attribute to the affected key element that was specified), and then rerun the Registry Import Utility.

OSZ1590E  SYSPRINT DD not defined or could not be opened

Explanation:  The utility attempted to open the SYSPRINT DD in order to output message information, and the DD was either not specified, or could not be opened. The utility processing is aborted.

User response:  Verify that the SYSPRINT DD statement is correctly specified to receive message output, and resubmit the utility job.

OSZ1591E  Write failed to SYSPRINT

Explanation:  The utility attempted to write a line of output to the SYSPRINT file, and received an error during the write operation. The utility processing is aborted.

User response:  Verify that the SYSPRINT DD statement is correctly specified, and look for other messages indicating the root cause of the problem.

OSZ1592I  Null key ignored

Explanation:  An attempt to create a new registry key with a null name was ignored. The Registry Import Utility (RIU) continues processing.

User response:  This error is usually caused by incorrect RIU IMPORT XML data. If you receive this message and the XML data being imported is an RTCS-provided element in the TOSZRXML SMP/E target library, contact BMC Customer Support.
**OSZ9999E**  
**Message ID ???????? is undefined**

*Explanation:* A Runtime Component System (RTCS) component has requested that a message be issued, but the message ID is not defined in any of the internal message tables currently available to message management. Processing continues normally. In the absence of a message definition, the message payload, if any, cannot be properly substituted.

*User response:* Contact BMC Customer Support. This problem indicates either an undefined message, or a problem in which the message definitions have not been made available to the RTCS message manager component.