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.

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Customer support

You can obtain technical support by using the BMC Software Customer Support website or by contacting Customer Support by telephone or e-mail. To expedite your inquiry, see “Before contacting BMC.”

Support website

You can obtain technical support from BMC 24 hours a day, 7 days a week at http://www.bmc.com/support_home. 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 issues similar to yours and possible solutions
■ order or download product documentation
■ download products and maintenance
■ report an issue or ask a question
■ subscribe to receive proactive e-mail alerts when new product notices are released
■ 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 issue

■ 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, contact BMC as follows:

- **(USA or Canada)** Contact the Order Services Password Team at 800 841 2031, or send an e-mail message to ContractsPasswordAdministration@bmc.com.

- **(Europe, the Middle East, and Africa)** Fax your questions to EMEA Contracts Administration at +31 20 354 8702, or send an e-mail message to password@bmc.com.

- **(Asia-Pacific)** Contact your BMC sales representative or your local BMC office.
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About This Manual

This manual provides information about the messages that are issued by Recovery Utility for VSAM (RUV).

This edition applies to version 4.1 of the Recovery Utility for VSAM product and to all subsequent versions until otherwise indicated in later books.

How This Manual Is Organized

This manual is organized in chapters that are arranged by message number.

Related Documentation

The following publications provide information about RUV:

- Recovery Utility for VSAM Installation and Customization Guide
- Recovery Utility for VSAM User Guide
- Recovery Utility for VSAM Messages Manual

The following BMC Software publications provide information about the SNAPSHOT UPGRADE FEATURE (SUF) component that is used for instant snapshot copy processing:

- EXTENDED BUFFER MANAGER and SNAPSHOT UPGRADE FEATURE General Information
- EXTENDED BUFFER MANAGER and SNAPSHOT UPGRADE FEATURE Installation and Customization Guide
- EXTENDED BUFFER MANAGER and SNAPSHOT UPGRADE FEATURE User Guide

These publications are available for download from the BMC Software EPD site and are included on the RUV documentation CD.
## Conventions

This manual uses the following general conventions:

<table>
<thead>
<tr>
<th>Item</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>information that you are instructed to type</td>
<td>Type <strong>END on the command line.</strong></td>
</tr>
<tr>
<td>specific (standard) keyboard key names</td>
<td>Press <strong>Enter.</strong></td>
</tr>
<tr>
<td>field names, text on a panel</td>
<td>Type the appropriate entry in the <strong>Command</strong> field.</td>
</tr>
<tr>
<td>directories, file names, Web addresses</td>
<td>The home page of BMC Software is at <a href="http://www.bmc.com">www.bmc.com</a>.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>z/OS calls, commands, control statements, specific and nonspecific</td>
<td></td>
</tr>
<tr>
<td>keywords, parameters, reserved words</td>
<td>Use the <strong>SEARCH</strong> command to find a particular object.</td>
</tr>
<tr>
<td>variable values</td>
<td><strong>SSVT (address). subsysid</strong></td>
</tr>
</tbody>
</table>
Parts of a Message

Figure 1 shows and describes the parts of an RUV message.

Figure 1  Parts of an RUV Message

BMCxxyyyzz LOAD failed for module <modulename>

- **Message Variables**: text surrounded by `< >` brackets are variables. Message variables are shown in lower case italics. Some variables are text substitution variables such as data set names. Others are decimal or hex numbers. However, decimals numbers have parenthesis but no brackets; hex numbers have both parenthesis and brackets.
- **Message Text**: text modified by your product as required with variable names and action verbs.
- **Message Level**: indicates one of the possible RUV message levels.
- **Message Number**: indicates the message number. The messages in this manual are ordered by message number.
- **Message Series**: indicates the message product series. Most messages in this manual are ordered by BMC message series number 202.

Message text that is italicized (*example*) and in lower case indicates variable text that will be determined when the message is issued.

Message text that is enclosed in left angle and right angle brackets and separated by vertical lines `<ON | OFF | DEFAULT>` indicates actual values, one of which will be included at that point in the message.
Table 1 describes the RUV message levels.

<table>
<thead>
<tr>
<th>Message Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (action)</td>
<td>Immediate action is required.</td>
</tr>
<tr>
<td>E (error)</td>
<td>Function that you requested was not completed.</td>
</tr>
<tr>
<td>I (information)</td>
<td>Information only. No action is required.</td>
</tr>
<tr>
<td>R (reply)</td>
<td>You must reply to the message before the system can continue.</td>
</tr>
<tr>
<td>S (severe)</td>
<td>A severe error occurred.</td>
</tr>
<tr>
<td>W (warning)</td>
<td>System is still operating and no immediate action is required. When time is available, further investigation is needed.</td>
</tr>
</tbody>
</table>

**Table 1 RUV Message Levels**

### Contacting Product Support

Some message descriptions instruct you to contact your product support representative. The product support representative can help you resolve the problem quickly if you can answer the following questions before calling:

- What kind of problem do you have?
- Can you repeat the problem or preceding conditions?
- What has changed in your z/OS environment:
  - Have you recently installed a new product on your system?
  - Have you recently modified an application program?
  - Have you recently installed RUV or a product maintenance tape?
- Have you reviewed the diagnostic procedures described in the reference manual for RUV?
- Do you have supporting dumps or other diagnostic information?
BMC202000–BMC202099 Messages

This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202000 to BMC202099. Most of these messages are related to general processing of the product.

**BMC202000E**  
**RUV Processing aborted.**

*Explanation:* RUV processing has been aborted.

*User Response:* Increase the region size and rerun the job.

**BMC202001E**  
**RUV GETMAIN request for `<bytes>` bytes failed, RC `<return code>`.**

*Explanation:* RUV available storage is insufficient to satisfy the request for the indicated number of bytes. The job is terminated with the indicated return code.

*User Response:* Increase the region size and rerun.

**BMC202002E**  
**RUV FREEMAIN request for `<bytes>` bytes failed, ADR `<address>` RC `<return code>`.**

*Explanation:* A storage release for the indicated number of bytes at the indicated address failed. The job is terminated with the indicated return code.

*User Response:* Contact Technical Support.

**BMC202003E**  
**RUV Message loading aborted.**

*Explanation:* RUV message loading has been aborted. See prior messages for the reason.

*User Response:* Increase the region size and rerun the job.

**BMC202004E**  
**RUV Processing aborted; `<text>` RC `<return code>`.**

*Explanation:* See prior messages for abort reason.

*User Response:* Contact Technical Support.
BMC202010E  RUV ATTACH failed for program <program>, RC (<return code>).

Explanation: An ATTACH request for the indicated program failed with the indicated return code.

User Response: Ensure that the indicated program is in the STEPLIB concatenation. Correct the problem, and rerun the job.

BMC202011E  RUV Program <module> not found. (BLDL) RC (<return code>).

Explanation: A BLDL attempt for the indicated module failed. The module was not found in the search sequence of libraries.

User Response: Verify that the library containing the module is included in your JOBLIB or STEPLIB concatenation. Rerun the job.

BMC202012E  RUV Program <module> not found. (<function>) RC (<return code>) RS (<reason code>).

Explanation: An attempt was made to load the indicated module into virtual storage, and it was not found in the search sequence of libraries.

User Response: Verify that the library containing the module is included in your JOBLIB or STEPLIB concatenation. Rerun the job.

BMC202013E  RUV Program <module> not found. (LINK) RC (<return code>).

Explanation: An attempt was made to LINK to the indicated module, and it was not found in the search sequence of libraries.

User Response: Verify that the library containing the module is included in your JOBLIB or STEPLIB concatenation. Rerun the job.

BMC202014E  RUV Program <module> not found. (XCTL) RC (<return code>).

Explanation: An attempt was made to XCTL to the indicated module, and it was not found in the search sequence of libraries.

User Response: Verify that the library containing the module is included in your JOBLIB or STEPLIB concatenation. Rerun the job.

BMC202015W  RUV Program <module> not found. (DELETE).

Explanation: An attempt was made to delete the indicated module, and it was not found in memory.

User Response: None. This message is informational only.

BMC202016E  RUV <program > abended, RC (<return code>).

Explanation: A subtask abended.

User Response: Contact Technical Support.
BMC202017E  RUV <program1> received unknown Qmsg from <program2>, Qmsg <message>.

Explanation: RUV received an internal error.
User Response: Contact Technical Support.

BMC202018E  RUV ZSPR control area create failed for <program>.

Explanation: Creation of a subtasking control area failed for the indicated program.
User Response: Enlarge the region and rerun the job or reduce the number of READER_TASKs.

BMC202019E  RUV Associated address space attach failed for <program>; RC (<return code>).

Explanation: The attach limit has been reached for the indicated program.
User Response: Contact Technical Support.

BMC202020I  RUV <macro> QNAME=<qname> RNAME=<rname> RC(<return code>).

Explanation: Enqueue or dequeue of a resource failed with the indicated return code.
User Response: Contact Technical Support.

BMC202021I  RUV Alternate index build scheduled in associated address space.

Explanation: IDCAMS DEFINE AIX and BLDINDEX operations were scheduled in another address space.
User Response: None. This message is informational only.

BMC202022I  RUV Program <program> SubTask DSTR with <subtask> still attached.

Explanation: All daughter tasks have not completed, and the SubTask controller is being destructed.
User Response: See previous messages. This condition is most likely the result of previous errors.

BMC202023E  RUV Record exceeds maximum number of statements allowed.

Explanation: RUV will store approximately 400 statements.
User Response: Reduce the number of statements.

BMC202024E  RUV Invalid hexadecimal value

Explanation: RUV hexadecimal numbers must start with an 'X'. Valid hex numerals are 0, 1, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, and F.
User Response: Correct the problem and rerun.
BMC202025R  RUV Reply Abend/Retry/Ignore.

Explanation: A prior message needs an operator response.
User Response: See previous messages and respond accordingly.

BMC202026R  RUV Storage directory exceeded (<directory>).

Explanation: A prior message needs an operator response.
User Response: Contact Technical Support.

BMC202027E  RUV <message text>

Explanation: An internal logic error was detected. This message is issued when an abend condition is produced in the system services module. This message represents various states and errors that depend on the process being performed.
Explanation: Refer to the appropriate IBM manual regarding the abend received and the action required to rectify the invalid condition.

BMC202028E  RUV DDName: (<ddname>) <action>

Explanation: The indicated action or condition is associated with the indicated ddname. This message represents various states and errors that depend on the process being performed. When available, the VSAM and VTAM error code is displayed in decimal format followed by its hexadecimal equivalent.
User Response: Refer to the appropriate IBM manual regarding the definition of the error code received and the action required to rectify the invalid condition.

BMC202029I  RUV Data stored in DSN: <data set name>

Explanation: Variables were substituted and the results stored in the indicated flat file or PDS.
User Response: None. This message is informational only.

BMC202030E  RUV DDName: <ddname> not provided by user.

Explanation: The indicated ddname was expected but not provided.
User Response: Correct the JCL and rerun the job.

BMC202031E  RUV Could not allocate DSName: <data set name>.

Explanation: An allocation request for the data set with the indicated data set name failed.
User Response: Ensure that the data set name is correct and in the operating system catalog. Rerun the job.
BMC202032W  RUV Could not deallocate DDName: <ddname>.

Explanation: A deallocation request for the indicated ddname failed.
User Response: None.

BMC202033E  RUV DYNALLOC failure; RC (<return code>) TUKEY=(<tukey>).

Explanation: An allocation request failed.
User Response: Contact Technical Support.

BMC202034E  RUV DYNALLOC failure; <message>.

Explanation: An allocation request failed.
User Response: Contact Technical Support.

BMC202035E  RUV DYNALLOC failure; Program: <program> - <message>.

Explanation: An allocation request failed. See preceding messages.
User Response: Contact Technical Support.

BMC202036E  RUV DYNALLOC failure; RC (<return code>) RS (<reason code>).

Explanation: An allocation request failed.
User Response: Contact Technical Support.

BMC202037E  RUV Maximum record length exceeded for DDName (<ddname>) DSName (<data set name>).

Explanation: A record is too large for the output file with the indicated ddname and data set name. The record is truncated.
User Response: Increase the output record length.

BMC202038E  RUV Record length too short for DDName (<ddname>) DSName (<data set name>).

Explanation: A record is too small for the output file with the indicated ddname and data set name. The record is ignored. This condition may occur during a file load operation if the record length is shorter than the key length.
User Response: Verify that the file definitions are correct and that the correct inputs were specified.
BMC202039E  RUV Invalid time stamp for DSName (<data set name>).

*Explanation:* The file definition in the repository record with the indicated *data set name* contains a time stamp that is greater than the current time. Recovery of the file may be compromised.

*User Response:* Delete the VSAM file and associated archives from the repository. Perform an RUV backup of the file, or add the VSAM file to the repository in order to reinstate the recoverability of the file. Verify that the clocks on all CPUs are set correctly.

BMC202040E  RUV . . No VSAM data set.

*Explanation:* The VSAM file is not cataloged.

*User Response:* Verify the data set name and backups.

BMC202041E  RUV An :IMBED data set, DSN: <data set name>, has invalid file characteristics.

*Explanation:* The file named in an :IMBED variable must have fixed length records of 80 bytes each.

*User Response:* Correct the job and rerun it.

BMC202042E  RUV Exceeded 10 levels of nesting for the :IMBED variable.

*Explanation:* An :IMBED variable may specify a file with another :IMBED variable; however, only ten levels of nesting are allowed.

*User Response:* Correct the job and rerun it.

BMC202043E  RUV Requesting all subtasks terminate.

*Explanation:* A request for all subtasks to terminate has been issued.

*User Response:* View the prior error message and take appropriate action.

BMC202043W  RUV Requesting all subtasks terminate.

*Explanation:* A request for all subtasks to terminate has been issued.

*User Response:* View the prior error message and take appropriate action.

BMC202044E  RUV HSM recall failure; RC(<return_code>) RS(<reason_code>)

*Explanation:* An HSM recall request failed.

*User Response:* Check the SYSLOG for HSM errors. Correct the problem and rerun the job.
BMC202045E  RUV For ACBERFLG=168(A8), there may be associated objects (AIX or Path) that need to be closed.

Explanation: This OPEN error may be caused by associated objects (AIX or Path) that must be closed.
User Response: Close the outstanding objects, and rerun the job.

BMC202048I  RUV This file is part of an X37 set, the data is continued on the next archive in this set.

Explanation: When this archive was created, it caused an X37 condition. All the data could not be written to this extent. The data was written to the next file in this X37 set of files.
User Response: None. Report archive_file(data set name) will display the related files in the X37 set.

BMC202049W  RUV Record <record count> does not appear to be an RUV archive record.

Explanation: A invalid archive record was found in an archive file.
User Response: Verify that the file is an RUV archive file. If it is not, correct the problem and rerun the job; otherwise, contact Technical Support.

BMC202051E  RUV file is not VSAM, DSName: <data set name>.

Explanation: The file with the indicated data set name is not defined as a VSAM file in the operating system catalog. This condition is an error.
User Response: Verify that the data set name is correct.

BMC202053W  RUV Cataloged VSAM file not found, DSName: <data set name>.

Explanation: No VSAM file with the indicated data set name was found in the operating system catalog. This condition is not necessarily an error.
User Response: Verify that the data set name is spelled correctly.

BMC202054E  RUV HSM is not active, recall failed for DSName: <data set name>.

Explanation: The VSAM data set with the indicated data set name has been archived or migrated, and HSM is not active; automatic recall is not available.
User Response: Start HSM, or recall the data set manually.

BMC202055W  RUV Cataloged VSAM file is migrated, DSName: <data set name>.

Explanation: The VSAM DSName is in the z/OS catalog but it has been migrated. RUV is not able to report all data set information.
User Response: Recall the data set, if necessary.
**BMC202056I**  
**RUV Open of required files failed RC=(<return code>).**

*Explanation:* Files that are required by the RUVZCJC routine failed. Processing terminates.

*User Response:* Contact Technical Support.

**BMC202057I**  
**RUV Parm process failed RC=(<return code>).**

*Explanation:* Parameters that were passed to the RUVZCJC routine could not be processed. Processing terminates.

*User Response:* Contact Technical Support.

**BMC202058I**  
**RUV Not enough room to work with module.**

*Explanation:* Insufficient storage was available to copy the load module. Processing terminates.

*User Response:* Contact Technical Support.

**BMC202059W**  
**RUV PDS <data set name> does not exist.**

*Explanation:* An internal reader refers to a partitioned data set (PDS) with the indicated data set name, but the PDS is not cataloged. RUV-generated JCL cannot be saved unless the PDS is created.

*User Response:* Create the PDS, or use a different PDS.

**BMC202060E**  
**RUV PDS <data set name> does not exist.**

*Explanation:* An internal reader refers to a partitioned data set (PDS) with the indicated data set name, but the PDS is not cataloged. RUV-generated JCL cannot be saved unless the PDS is created.

*User Response:* Create the PDS, or use a different PDS.

**BMC202061I**  
**RUV LMOD name is too long.**

*Explanation:* The RUVZCJC routine was supplied with an LMOD parameter that was too long.

*User Response:* Contact Technical Support.

**BMC202062E**  
**RUV High level qualifier name is too long.**

*User Response:* The RUVZCJC routine was supplied with a high level qualifier that was too long.

*User Response:* Contact Technical Support.
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<tr>
<th>Code</th>
<th>Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202063E</td>
<td>RUV CSVQUERY function not available.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> The CSVQUERY function, which is used to get information that is greater than 16 MB in length, was not available for use.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202064E</td>
<td>RUV Internal FLD load error.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> A problem was encountered with the CSV variables that were loaded from the data entry. An abend with reason code X001 follows.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202065E</td>
<td>RUV Internal GEN card error.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> An error was encountered during generation of the output card stream. An abend code of BAD with reason code X0002 follows.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202090A</td>
<td>RUV Unable to allocate <code>&lt;data set name&gt;</code>, reply CANCEL or RETRY.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> RUV was unable to allocate a tape data set.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Wait for a tape drive to become available, and retry the allocation or cancel the job.</td>
</tr>
<tr>
<td>BMC202091E</td>
<td>RUV <code>&lt;data set name&gt;</code> is used more than once in this job. It is not allowed to reference a data set more than once.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> The job is cancelled.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Correct the DSN and rerun the job.</td>
</tr>
<tr>
<td>BMC202092E</td>
<td>RUV No VSAM definition found in Backup or in VSAM record for <code>&lt;data set name&gt;</code>. Copy aborted.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> The Copy Backup process could not find a definition of the indicated data set name. The copy job is aborted.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Rerun the job after a definition is created.</td>
</tr>
<tr>
<td>BMC202093I</td>
<td>RUV No VSAM definition found in Backup, using current <code>&lt;data set name&gt;</code> definition instead.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> The Backup record did not contain a definition of the indicated data set name from the time of backup. The current definition will be used instead.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Verify that the current definition is correct.</td>
</tr>
</tbody>
</table>
**BMC202094I**  
**RUV No default options are set.**

*Explanation:* No subsystem defaults have been set by a SET DEFAULT command.

*User Response:* None. This message is informational only.

**BMC202095E**  
**RUV Received an invalid RC (<return code>) from User Exit <exit name>.**

*Explanation:* The user exit module has returned an invalid return code in register 15. The return code value in register 15 tells the utility the action to take on return from the user exit.

*User Response:* The recovery utility function is terminated with a return code of 8.

**BMC202096I**  
**RUV Selection_exit(<exit name>) returned RC(<return code>). No further calls will be made to the exit.**

*Explanation:* The indicated selection exit issued the indicated return code, which requests that no further calls be made to the exit. RUV processing continues.

*User Response:* None. This message is informational only.

**BMC202097I**  
**RUV Selection_exit(<exit>) returned RC(<return code>). RUV processing aborted.**

*Explanation:* The indicated selection exit issued the indicated return code, which requests the termination of RUV processing.

*User Response:* None. This message is informational only.

**BMC202098I**  
**RUV Selection_exit(<exit name>) returned RC(<return code>). Further printing will be suppressed.**

*Explanation:* The selection exit requested that no further printing be performed. RUV processing continues.

*User Response:* None. This message is informational only.
BMC202100–BMC202199 Messages

This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202100 to BMC202199. Many of these messages are related to parsing of rule sets.

**BMC202100I**  RUV Maximum CC set to 0 by TERM_CC; prior value was `<maxcc>`.

*Explanation:* A prior SET TERM_CC command directed RUV to change the termination condition code.

*User Response:* None. This message is informational only.

**BMC202101E**  RUV Unsupported or invalid command.

*Explanation:* The first word of the command line is not a valid command.

*User Response:* Increase the region size and rerun the job.

**BMC202102E**  RUV Unsupported or invalid keyword.

*Explanation:* The indicated keyword is not valid.

*User Response:* Correct the statement and rerun the job.

**BMC202103E**  RUV Unbalanced parentheses.

*Explanation:* The number of open parentheses does not match the number of closed parentheses.

*Explanation:* Correct the statement and rerun the job.

**BMC202104E**  RUV Too many characters in field, `<maximum>` allowed.

*Explanation:* The number of characters in the field exceed the indicated maximum permitted length.

*User Response:* Correct the statement and rerun the job.
BMC202105I  RUV Command was skipped.

Explanation: The proceeding command was skipped.
User Response: Check prior error messages.

BMC202106E  RUV Wild card characters not permitted.

Explanation: The question mark (?) and asterisk (*) wild card characters not valid on this statement.
User Response: Correct the statement and rerun the job.

BMC202107E  RUV Indicated field must be numeric.

Explanation: The indicated field must be composed of digits only (0 through 9).
User Response: Correct the statement and rerun the job.

BMC202108E  RUV Invalid number; must be <value1> through <value2>.

Explanation: The indicated field must be numeric and within the given range, value1 through value2.
User Response: Correct the statement and rerun the job.

BMC202109E  RUV EOF found - previous statement was not terminated correctly.

Explanation: End of file was encountered during processing of a statement. Statements must end with a semicolon.
User Response: Correct the statement and rerun the job.

BMC202110I  RUV Valid options are:

Explanation: An invalid option is associated with a command. A list of valid options follows this message.
User Response: Correct the statement and rerun the job.

BMC202111E  RUV List requires one entry.

Explanation: A command that requires only one entry was specified with more than one entry.
User Response: Correct the statement and rerun the job.

BMC202112E  RUV List requires at least one entry.

Explanation: A command that requires at least one entry was specified with no entries.
User Response: Correct the statement and rerun the job.
BMC202113E   **RU**V Required parameter `<parameter>` is missing.

*Explanation:* The indicated parameter is required but was not found.

*User Response:* Correct the statement and rerun the job.

BMC202114E   **RU**V Parameter `<parameter>` can not be repeated.

*Explanation:* Multiple occurrences of the indicated keyword parameter are not allowed for the command.

*User Response:* Correct the statement and rerun the job.

BMC202115E   **RU**V Expected '('.

*Explanation:* The open parenthesis is expected to follow the previous parameter.

*User Response:* Correct the statement and rerun the job.

BMC202116E   **RU**V Expected ')'.

*Explanation:* A closing parenthesis is expected. There are too many arguments in the list.

*User Response:* Correct the statement and rerun the job.

BMC202117E   **RU**V Logic error during parse at `<command>`.

*Explanation:* The parsing process encountered an illogical condition.

*User Response:* Contact Technical Support.

BMC202118E   **RU**V No parameter values were found.

*Explanation:* Parameter values were expected but not found.

*User Response:* Provide values as needed for the command/parameter combination. Correct the statement and correct the job.

BMC202119E   **RU**V `<system abend>` occurred.

*Explanation:* The indicated system abend occurred. See preceding messages.

*User Response:* Contact Technical Support.

BMC202120E   **RU**V Invalid keyword value found.

*Explanation:* An invalid keyword was found.

*User Response:* Provide values as needed for the command/parameter combination. Correct the statement and correct the job.
**BMC202121I RUV Valid values are <values>**.

*Explanation:* This informational message provides a list of values that are valid for a keyword parameter.

*User Response:* See associated messages.

**BMC202122I RUV Command variation(s) and associated keywords for <verb/parameter> are:**

*Explanation:* The program was not able to find a valid *verb/parameter* combination. A list of all valid parameter combinations for the command follow this message.

*User Response:* Correct the statement and rerun the job.

**BMC202123E RUV Expected a keyword.**

*Explanation:* The parsing process expected to find a keyword parameter; instead, it found a punctuation character.

*User Response:* Correct the statement and rerun the job.

**BMC202124I RUV <command> command has no associated keywords.**

*Explanation:* The indicated valid command was found, but the command verb does not allow keywords. Examples are the ENTER_IDCAMS and EXIT_IDCAMS commands.

*User Response:* Correct the statement and rerun the job.

**BMC202125E RUV The comment field is invalid.**

*Explanation:* The comment field can have a maximum of four character strings, each 50 bytes in length.

*User Response:* Enclose each character string in quotation marks. Verify that each character string is not longer than 50 bytes.

**BMC202126E RUV Only one entry permitted.**

*Explanation:* The command being parsed can only have one entry, but the parsing process found more than one entry.

*User Response:* Correct the statement and rerun the job.

**BMC202127E RUV List requires two entries.**

*Explanation:* The generated list must contain a minimum of two entries, but less than two entries were created.

*User Response:* Correct the statement and rerun the job.
BMC202128E RUV Indicated value must be a log stream name.

Explanation: The statement requires a valid 26-character log stream name. Command statement processing is terminated.

User Response: Correct the statement and rerun the job.

BMC202129E RUV The status field is invalid.

Explanation: Valid values for the status field are ACTIVE and INACTIVE. IN_PROGRESS is valid within a FILTER_BY parameter.

User Response: Enclose each character string in quotation marks. Verify that each character string is not longer than 50 bytes.

BMC202133E RUV Nested <:VSOFF> commands are not allowed.

Explanation: A <:VSOFF> command was found while processing a prior <:VSOFF> command. No intervening <:VSON> command was found.

User Response: Correct the problem.

BMC202134E RUV Mismatched <:VSON> command.

Explanation: A <:VSON> command was found without a prior <:VSOFF> command.

User Response: Correct the problem.

BMC202135I RUV <ssid> Activated job level rule set name(<rule set name>).

Explanation: A job-level rule set was activated. The rule set will apply to the remainder of the job.

User Response: None. This message is informational only.

BMC202136W RUV Unknown VSAM DSN present on archive DSN: <data set name>.

Explanation: RUV detected one or more VSAM files with a DSN of --UNKNOWN--applid/fileid. The applid/fileid is shown following the --UNKNOWN-- literal. Use the applid/fileid portion of the unknown DSN to determine the valid VSAM DSN.

User Response: Ensure that the VSAM file is properly registered and associated with the applid/fileid and then accumulate the archive. RUV will build the correct associations. It may be necessary to specifically name the archive with an ARCHIVE_IN to force RUV to read the archive file.
BMC202137W  One or more applids are not registered.

Explanation: Purge found one or more applids on a unit of work archive that were not found in the repository. If none of the applids are registered, the archive will be purged after one day. Otherwise, the archive will purge based on the longest retention period.

User Response: Either add the applids so RUV automatic purge will know what to do or manually delete the unit of work archive.

BMC202138E  RUV RLS_RECOVER_PROTECTION requires DFSMS/MVS 1.3 or later, <v.r.mm> is not compatible.

Explanation: The RUV Record Level Sharing and Recovery Protection for Retained Locks features require a more current level of system software.

User Response: Refer to the software and hardware requirements for the RUV Record Level Sharing feature. Check the value of the RUV RLS_RECOVER_PROTECTION option.

BMC202139E  RUV Error from IGWARLS request for DSName <data set name>, RC <return code> RS <reason code>, problem detail1 <detail>, problem detail2 <detail>.

Explanation: The IGWARLS macro returned with a nonzero return code. Refer to the IGWARLS macro documentation for description of these codes.

User Response: Verify that the indicated data set name is valid and accessible by the system.

BMC202140I  RUV EOJ. Maximum CC was <condition code>.

Explanation: All statements have been processed. End of job has been reached with the indicated maximum condition code.

User Response: None. This message is informational only.

BMC202141I  RUV Maximum CC set to <condition code>.

Explanation: The maximum condition code has been set to the indicated condition code.

User Response: None. This message is informational only.

BMC202142I  RUV Syntax checking completed.

Explanation: All statements have been checked for syntax but have not been executed. If no errors were found and you want to execute the control statement, remove the SET SYNTAX_CHECK(YES) command and rerun the job.

User Response: None. This message is informational only.
BMC202143I RUV Exceeded maximum CC, skipping commands.

*Explanation:* A requested function was not successfully completed. The maximum condition code set by TERM_CC has been exceeded. Any subsequent commands, except SET MAX_CC, will be skipped.

*User Response:* See previous error messages.

BMC202144E RUV `<module>` does not understand `<keyword>`.

*Explanation:* An internal processing error has occurred.

*User Response:* Contact Technical Support.

BMC202145E RUV Expected `<value1>` `<value2>`; received `<value3>`.

*Explanation:* An internal processing error has occurred.

*User Response:* Contact Technical Support.

BMC202146W RUV Record not found for `<record type>`: `<record key>`.

*Explanation:* An attempt was made to update or delete a repository record of the indicated record type with the indicated record key, but the record was not found.

*User Response:* Either add the record or ignore the delete attempt. If you were performing a REPORT function, the record was not found.

BMC202147E RUV Duplicate record for `<record type>`: `<record key>`.

*Explanation:* An attempt was made to add a repository record of the indicated record type with the indicated record key, but the record was already in the repository.

*User Response:* Either delete the record and add it again, or update the existing record.

BMC202148W RUV Replacing record for `<record type>`: `<record key>`.

*Explanation:* A duplicate repository record of the indicated record type with the indicated record key was found. The existing record was replaced by the new record.

*User Response:* None.

BMC202149I RUV Scratch/delete `<record type>`: `<record key>`.

*Explanation:* An archive DSName was deleted from the operating system catalog. The delete was a normal processing event.

*User Response:* None. This message is informational only.
BMC202150I  RUV Deleted record for *record type*: *record key*.

Explanation: A repository record of the indicated record type with the indicated record key was deleted. The deletion was a normal processing event.
User Response: None. This message is informational only.

BMC202151E  RUV Update failed for *record type*: *record key*.

Explanation: An attempt was made to update a repository record of the indicated record type with the indicated *record key*, and the update request was rejected.
User Response: Delete the record and add it again.

BMC202152E  RUV Add failed for *record type*: *record key*.

Explanation: An attempt was made to add a repository record of the indicated record type with the indicated record key, and the request failed.
User Response: Correct the statement and rerun the job.

BMC202153I  RUV Registered *record type*: *record key*.

Explanation: A registration record of the indicated record type with the indicated *record key* was added to the repository.
User Response: None. This message is informational only.

BMC202154E  RUV Indicated value must be a DDName or a DSName.

Explanation: The statement requires either a valid ddname or a valid data set name. Command statement processing is terminated.
User Response: Correct the statement and rerun the job.

BMC202155E  RUV Invalid DSName: *data set name*.

Explanation: The syntax of the indicated data set name is invalid. Command statement processing is terminated.
User Response: Correct the statement and rerun the job.

BMC202156E  RUV No *record type* were selected.

Explanation: No records of the indicated record type were selected for processing. This condition is most likely the result of a failed wild card search.
User Response: Correct the statement and rerun the job.

BMC202157I  RUV *number* repository records deleted.

Explanation: The indicated number of records were deleted from the repository.
User Response: None. This message is informational only.
<table>
<thead>
<tr>
<th>Error Code</th>
<th>Error Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202158E</td>
<td><strong>RUVE</strong> <code>&lt;keyword&gt;</code> must be the only text on the statement.**&lt;br&gt;&lt;br&gt;Explanation: Extraneous variables or keywords were found in the command. For example, ENTER_IDCAMS; must be on a separate command statement with no other variables or keywords.&lt;br&gt;&lt;br&gt;User Response: Correct the statement and rerun the job.</td>
</tr>
<tr>
<td>BMC202159E</td>
<td><strong>RUVE</strong> No <code>&lt;resource name&gt;</code> were found.**&lt;br&gt;&lt;br&gt;Explanation: A generic search of the repository did not find any hits for the indicated resource name.&lt;br&gt;&lt;br&gt;User Response: Make sure that the spelling of the resource name is correct. This condition may not be an error.</td>
</tr>
<tr>
<td>BMC202160E</td>
<td><strong>RUVE</strong> <code>&lt;format symbol&gt;</code> was not found.**&lt;br&gt;&lt;br&gt;Explanation: The indicated open or closing format symbol was not found.&lt;br&gt;&lt;br&gt;User Response: Correct the statement and rerun the job.</td>
</tr>
<tr>
<td>BMC202161E</td>
<td><strong>RUVE</strong> Invalid character found in name.**&lt;br&gt;&lt;br&gt;Explanation: The name must consist of alphanumeric or underscore characters.&lt;br&gt;&lt;br&gt;User Response: Correct the statement and rerun the job.</td>
</tr>
<tr>
<td>BMC202162E</td>
<td><strong>RUVE</strong> No value was associated with the variable.**&lt;br&gt;&lt;br&gt;Explanation: The variable must have a value associated with it on the same statement.&lt;br&gt;&lt;br&gt;User Response: Correct the statement and rerun the job.</td>
</tr>
<tr>
<td>BMC202163E</td>
<td><strong>RUVE</strong> No ending delimiter was found.**&lt;br&gt;&lt;br&gt;Explanation: The first nonblank character after the <code>&lt;variable&gt;</code> is used to define the delimiters for the value. A matching ending delimiter was not found.&lt;br&gt;&lt;br&gt;User Response: Correct the statement and rerun the job.</td>
</tr>
<tr>
<td>BMC202164E</td>
<td><strong>RUVE</strong> Data was found following the ending delimiter.**&lt;br&gt;&lt;br&gt;Explanation: Data was found following the ending delimiter.&lt;br&gt;&lt;br&gt;User Response: Correct the statement and rerun the job.</td>
</tr>
</tbody>
</table>
| BMC202165E | **RUVE** Possible recursive `<variable>` definition.**<br><br>Explanation: More than eight levels of substitution occurred for the indicated variable.<br><br>User Response: Correct the statement and rerun the job.
BMC202166E RUV Remainder of card must be blank.

Explanation: The remainder of the statement must be blank.
User Response: Correct the statement and rerun the job.

BMC202167E RUV <begin> does not have matching <end>.

Explanation: ENTER_IDCAMS begin must be matched with EXIT_IDCAMS end. An end of file was found before a matching EXIT_IDCAMS, or an EXIT_IDCAMS was found without and ENTER_IDCAMS command.
User Response: Correct the statement and rerun the job.

BMC202168E RUV <command> is missing a beginning statement.

Explanation: An END_DATA command was encountered without a valid entry. This error is normally associated with the addition of user variables.
User Response: Correct the statement and rerun the job.

BMC202169E RUV Key word: <value> is mutually exclusive with other key words.

Explanation: The set of provided values is not valid. For example, the file is excluded but logging is requested.
User Response: Correct the statement and rerun the job.

BMC202170E RUV Key word: <value1> is mutually exclusive with key word: <value2>.

Explanation: Two mutually exclusive values were provided.
User Response: Correct the statement and rerun the job.

BMC202171E RUV No active rule set found.

Explanation: Neither a job level nor a system level rule set is in effect.
User Response: Activate a rule set and rerun the job.

BMC202172I RUV Job rule: <job rule> VSAM rule: <vsam rule> RC <return code>

Explanation: This message describes the results of a TRY command.
User Response: None. This message is informational only.

BMC202173I RUV Excluded by default rule.

Explanation: No rule matched the search criteria. The system default is to exclude the file from journaling.
User Response: None. This message is informational only.
### BMC202174I
**RUVC202174I RUV Excluded by job rule.**

*Explanation:* A job rule specifically excluded logging and journaling.
*User Response:* None. This message is informational only.

### BMC202175I
**RUVC202175I RUV Excluded DSName: `<data set name>`.**

*Explanation:* A VSAM rule specifically excluded logging and journaling.
*User Response:* None. This message is informational only.

### BMC202176I
**RUVC202176I RUV Matched `<rule set>`.**

*Explanation:* The indicated rule set matched the search criteria. The following message(s) describes the action taken.
*User Response:* None. This message is informational only.

### BMC202177I
**RUVC202177I RUV `<level>` level rule set: `<rule set>`.**

*Explanation:* This message displays the name of the rule set that is in effect for the given level (Job or System).
*User Response:* None. This message is informational only.

### BMC202178E
**RUVC202178E RUV Rule set already active, using rule set: `<rule set>`.**

*Explanation:* An attempt was made to activate the indicated second rule set. Only one job level rule set is allowed.
*User Response:* None.

### BMC202179I
**RUVC202179I RUV Backout journaling for DSName: `<data set name>`.**

*Explanation:* A VSAM rule requested before-images to be recorded for the data set with the indicated data set name.
*User Response:* None. This message is informational only.

### BMC202180I
**RUVC202180I RUV Forward journaling for DSName: `<data set name>`.**

*Explanation:* A VSAM rule requested after-images to be recorded for the data set with the indicated data set name.
*User Response:* None. This message is informational only.

### BMC202181W
**RUVC202181W RUV Journaling requested but no journal was provided.**

*Explanation:* A VSAM rule requested after-images to be recorded for a data set, but no journal data set was provided.
*User Response:* Either provide a journal model for recording after-images, or eliminate the journaling request.
**BMC202182E**  
**RU V Rule set not activated. RC (<return code>).**

*Explanation:* The rule set was not activated for the reason that is indicated by the following return codes:

- X'00010004'  
  Storage is not available.
- X'0009xxxx'  
  A security violation occurred; access authority is insufficient.
- X'000B0004'  
  Logging has been disabled in the subsystem.

*User Response:* Take action as appropriate for the return code. Then reactivate the appropriate rule set.

- X'00010004'  
  Correct the storage shortage.
- X'0009xxxx'  
  Contact your security administrator.
- X'000B0004'  
  Use the RUV ENABLE LOGGING command to activate logging for the subsystem.

**BMC202183E**  
**RU V ADD/UPDATE failed for <record type>: <record key>.**

*Explanation:* You may have attempted to update a non-existent record type or add a duplicate record.

*User Response:* Correct the statement and rerun the job.

**BMC202184W**  
**RU V DSName: <data set name> was not found in the z/OS catalog.**

*Explanation:* A repository record was deleted. A corresponding entry with the indicated data set name was not found in the operating system catalog.

*User Response:* This condition may indicate a mismatch between the RUV retention period and the system retention period. Correct the statement and rerun the job.

**BMC202185E**  
**RU V DSName: <data set name> can not be in both SMF_IN and ARCHIVE_IN.**

*Explanation:* The indicated data set name was detected in the list SMF inputs and archive inputs. The data set name must be one format or the other.

*User Response:* Correct the problem and rerun the job.

**BMC202186W**  
**RU V <nn> orphaned backup records.**

*Explanation:* The purge process found registered backups that did not have a matching VSAM data set name in the repository.

*User Response:* If the file is no longer being managed by RUV, manually delete the backup files. If the VSAM record was deleted in error, add the VSAM file to the repository with the ADD VSAM_FILE(vsam_dsn) command.
BMC202187I RUV VSAM characteristic records modified.

Explanation: The purge process found obsolete VSAM characteristic entries from a VSAM DSN in the repository. The entries were purged.
User Response: None

BMC202188W RUV UOW purge disabled, <action> RC (<rc>).

Explanation: An invalid condition was detected during a unit of work purge. Other processing continues.
User Response: Increase region size and rerun the job. If the problem persists, contact Technical Support.

BMC202189E RUV Routine <routine> does not understand <keyword>.

Explanation: An invalid condition was detected by the indicated routine during parsing of the indicated keyword command statement. The request failed.
User Response: Correct the statement and rerun the job. If the problem persists, contact Technical Support.

BMC202190E RUV Invalid tracing or exit option.

Explanation: The request to activate or deactivate a tracing option failed.
User Response: Make sure that the option was spelled correctly.

BMC202191I RUV <option> tracing on.

Explanation: The indicated tracing option was accepted.
User Response: None. This message is informational only.

BMC202192I RUV <option> tracing off.

Explanation: The indicated tracing option was accepted.
User Response: None. This message is informational only.

BMC202193I RUV New TRACE options in effect.

Explanation: New TRACE options are in effect.
User Response: None. This message is informational only.

BMC202194W RUV Some TRACE options were ignored.

Explanation: One or more TRACE options were ignored.
User Response: None.
BMC202195W  RUV Invalid Date or time value.

Explanation: An invalid data or time value was specified. The valid format is YYYY/DDDD,HH:MM:SST

User Response: Correct the statement and rerun the job.

BMC202196E  RUV Indicated value must be a DDName.

Explanation: The statement requires a ddname. The DD statement may be missing from the JCL. Command statement processing is terminated.

User Response: Correct the statement and rerun the job.

BMC202197E  RUV No <value> found.

Explanation: Required values were not found during parsing.

User Response: Correct the statement or statements and rerun the job.

BMC202198I  RUV Simulation mode only.

Explanation: A previous command specified simulation mode. Add, delete, and update actions are not actually performed.

User Response: None. This message is informational only.
BMC202200–BMC202299 Messages

This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202200 to BMC202299. Most of these messages are related to coupling facility processing.

**BMC202201A**  
**RUV Processing terminated due to error(s).**

*Explanation:* The task is being terminated because one or more error were detected.

*User Response:* Refer to the previous message or messages for action.

**BMC202202I**  
**RUV Processing continued after GAP detected, user requested GAP = IGNORE.**

*Explanation:* A LOGR gap was detected. You requested RUV to ignore the gap and continue processing.

*User Response:* Normally none. If data does not exist, it cannot be gathered. However, you should attempt to identify the reason for the gap.

**BMC202203W**  
**RUV Processing continued after GAP detected, user requested GAP = WARN.**

*Explanation:* The z/OS log stream indicated a GAP error. Processing of the log stream will continue.

*User Response:* None.

**BMC202204A**  
**RUV Processing terminated after GAP detected, user requested GAP = STOP.**

*Explanation:* The z/OS log stream indicated a GAP error. Processing of the log stream will be terminated.

*User Response:* Correct the error and rerun the job.

**BMC202205I**  
**RUV No new data on <type>: <fileid>**.

*Explanation:* An archive of a log did not find any new data to process.

*User Response:* None. This message is informational only.
BMC202206I  RUV <type>: <logstreamname > is empty.

Explanation: A log stream or journal was opened but contained no data.
User Response: None. This message is informational only.

BMC202207I  RUV <blocknumber> blocks copied.

Explanation: This message reports the number of blocks that participated in a COMPLETE_COPY operation.
User Response: None. This message is informational only.

BMC202208I  RUV Previous archive JOB: <jobname> on: <date1> <time1> ending block ID: <blockid> Timestamp: <date2> <time2>.

Explanation: Each archive records information about the job and the last logstream block ID that was archived. When a new archive begins, the block ID is verified to the one that was last archived. If this block ID is not found, the previous information is displayed as the status. The next message shows the block ID of the current (first) block that was read for this job.
User Response: Determine by the block ID and timestamp whether any user data has been lost. Determine how to regain any lost data records.

BMC202209I  RUV Current archive JOB: <jobname1> on: <date1> <time1> beginning block ID: <blockid> timestamp: <date2> <time2>.

Explanation: The current job began reading with the indicated block ID and timestamp.
User Response: Determine by the block ID and timestamp whether any user data has been lost. Determine how to regain any lost data records.

BMC202210I  RUV Data before gap detected was blockid: <blocknumber> with timestamp: <date> <time>.

Explanation: This message provides relevant timestamp information to assist with GAP error correction.
User Response: None. This message is informational only.

BMC202211I  RUV Data after gap detected was blockid: <blocknumber> with timestamp: <date> <time>.

Explanation: This message provides relevant timestamp information to assist with GAP error correction.
User Response: See the associated messages.
**BMC202212A**  
**RU**V LOGR block does not begin with >DFH. LSN: `<lsn>`

*Explanation:* All blocks must contain the >DFH eyecatcher. The block is printed and then skipped.

*User Response:* Determine from the record content the system or application that wrote this data.

---

**BMC202213A**  
**RU**V LOGR record type is invalid.

*Explanation:* The valid record types are 80, 81, 82, 83, 84, 86, 8E, and 8F.

*User Response:* The record is printed and skipped. Contact Technical Support if more detail on the printed record is required.

---

**BMC202214A**  
**RU**V Log type is invalid.

*Explanation:* The log type is not hex 00.

*User Response:* The record is printed and skipped. Contact Technical Support if more detail on the printed record is required.

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**BMC202215A**  
**RU**V LSN `<lsn>` is not a log of logs.

*Explanation:* The log type is not hex 01 DFHLGLOG. Log stream registration is cancelled.

*User Response:* Correct the log stream name and rerun the job.

---

**BMC202216I**  
**RU**V `<type>` on: `<lsname>` for journal `<journal>` at: `<date>` `<time>`.

*Explanation:* A failure record was written by CICS to the LOG OF LOGS.

*User Response:* This is an informational message. The record is skipped.

---

**BMC202217E**  
**RU**V `<lsname>` is not defined in the LOGR policy.

*Explanation:* The logstream name is invalid. An attempt to connect failed.

*User Response:* Correct the spelling and try again. If the name is correct, verify that this name is defined in the LOGR policy.

---

**BMC202218E**  
**RU**V `<lsname>` is temporarily not available for connection.

*Explanation:* A temporary NOT AVAILABLE state was detected during an attempt to connect to the log stream.

*User Response:* Retry the request after the conflicting process has completed.

---

**BMC202219E**  
**RU**V z/OS system logger not available.

*Explanation:* See IBM reason code (00000814) for more detail.

*User Response:* Retry the request after the IPL of the system logger is initialized.
BMC202220I RUV No log of logs selected for automatic scanning.

Explanation: No active log of logs records were found in the repository. The automatic log of logs scan was not performed.

User Response: None. This message is informational only.

BMC202221E RUV <fileid> registration data not sufficient to process this request.

Explanation: The VSAM file is not fully defined in the repository. This condition may be caused by receiving an Applid/Fileid combination from either a log stream or CICS journal without having received a prior tie-up record.

User Response: Add the VSAM file with the correct Applid/Fileid information, and rerun the job.

BMC202222E RUV <fileid> catalog data not sufficient to process this request.

Explanation: The VSAM file is not currently available.

User Response: Define the VSAM file and rerun the job.

BMC202223E RUV Unable to determine file type for <fileid>.

Explanation: RUV could not determine if this file is a KSDS, ESDS, or RRDS.

User Response: None.

BMC202224E RUV <actioncode> request failure for LSN <lsn>; RC(<returncode>) RS(<reasoncode>).

Explanation: An error occurred while processing a log stream.

User Response: See the associated messages.

BMC202225W RUV ACTION <action> request failure for LSN <lsname>; RC(<return code>) RS(<reason code>) DIAG1(<diagnose1>) DIAG2(<diagnose2>)

Explanation: An error occurred during processing of a log stream.

User Response: See the associated messages. If the IBM IXG063I message accompanies this message, RUV has detected a possible GAP and is issuing this warning whether a GAP has actually occurred or not. RUV performs logging based on the specified GAP option: GAP(STOP), GAP(WARN), or GAP(IGNORE).

BMC202226E RUV Error in <service>, RC(<returncode>) RS(<reasoncode>).

Explanation: An error was detected by an IBM service that RUV is using. Other messages usually accompany this message.

User Response: Consult the appropriate IBM documentation for the meaning of the return and reason codes.
**BMC202227E**  
**RUU {dsname} is in INACTIVE status.**

*Explanation:* The inactive attribute causes processing for this data set to stop. Processing can only occur on data marked as ACTIVE.

*User Response:* Run a report for this data set and determine whether the data set should be marked ACTIVE. If the data set status needs to be changed to ACTIVE, use the UPDATE command to correct the status.

**BMC202228E**  
**RUU DSN: {dsname} is too large, more than 44 characters.**

*Explanation:* The generated data set name is larger than 44 characters - and z/OS maximum.

*User Response:* Correct OUTPUT MODEL to build smaller names.

**BMC202229E**  
**RUU No DSN= or it was followed with no data in the OUTPUT MODEL expansion.**

*Explanation:* Review and correct the OUTPUT MODEL being used for this job.

*User Response:* Resubmit job after correction.

**BMC202230I**  
**The next start time for APPLID= {applid} in Store Clock format is: START_TIME (X{hex time})**

*Explanation:* {hex time} is the time of the first instance after the last processed record for APPLID {applid} in a UOW recovery.

*User Response:* None

**BMC202231I**  
**RUU Which is equal to {system date} <system time> GMT**

*Explanation:* This is a time report.

*User Response:* None. This message is informational only.

**BMC202232I**  
**RUU Archive created for RECOVER FORWARD only with USE_AUTOJOURNAL(YES).**

*Explanation:* USE_AUTOJOURNAL(YES) must be indicated.

*User Response:* None. This message is informational only.

**BMC202233I**  
**RUU USE_AUTOJOURNAL(YES) was indicated, user assumes the risk of compromising data integrity!**

*Explanation:* The USE_AUTOJOURNAL(YES) keyword was specified. There is a risk of compromised data integrity.

*User Response:* Validate integrity before using this data.
BMC202234E  RUV <xbmid> is not at a high enough version to allow snapshot. It is <real version> but must be at least <base version>.

Explanation: RUV Use of an old XBM version is not allowed.
User Response: Rerun the job with higher level XBM subsystem.

BMC202235I  RUV <xbmid> is not at a high enough version to allow snapshot. It is <real version> but must be at least <base version>.

Explanation: RUV Use of old XBM version is not allowed.
User Response: None

BMC202336I  RUV <dsname> could not be restored with SNAPSHOT. It was restored with coy instead.

Explanation: RUV There was a problem with SNAPSHOT.
User Response: None. This message is informational only.

BMC202237I  RUV Unselected Unit Of Work Archive <dsname> report.

Explanation: RUV <dsname> is an unselected Unit Of Work Archive.
User Response: None. This message is informational only.

BMC202238W  RUV Unable to get <dsname> DISP=OLD, will try DISP=SHR.

Explanation: RUV <dsname> has system SHAREOPTIONS of 4, but could not be gotten OLD. SHR will be tried. If the job ends with a RC of 4, it was successful.
User Response: If the job ends with a RC of 8, rerun after allowing RUV access to the data set.

BMC202239E  RUV Processing halted due to previous VSAM messages: Informational, Warning, or Error.

Explanation: Fatal errors were detected. The job is halted.
User Response: See previous error messages, and correct them.

BMC202240I  RUV <text>

Explanation: These messages are from the INVENTORY_ONLY report.
User Response: None. This message is informational only.

BMC202241W  RUV Archive input is incorrect Version.

Explanation: All bad version data is ignored.
User Response: Verify the recovered file. If needed, rerun with correct version of RUV code.
BMC202242I  RUV <record count> Auto Journal Forward records created.

Explanation: This message reports the number of records that were created by auto journaling.
User Response: None. This message is informational only.

BMC202243E  RUV <data set name> RESTORE was canceled by the Operator.

Explanation: The operator responded to the WTOR to RESTORE the indicated data set name with cancel. Processing of the indicated data set name has been halted.
User Response: None.

BMC202244I  RUV **** RECOVER FILE SUMMARY ****

Explanation: This is the RUV Recovery report title.
User Response: None. This message is informational only.

BMC202245I  RUV <data set name> From: <start date> <start time> To: <end date> <end time> CC: <return code>

Explanation: This is the recovery summary.
User Response: None. This message is informational only.

BMC202246I  RUV <data set name> No Archive data applied - Data set is unchanged.

Explanation: No archive data was applied to the indicated data set because the data set had not been changed.
User Response: None. This message is informational only.

BMC202247I  RUV <data set name> No Archive data applied - Restore completed successfully.

Explanation: No archive data was applied to the indicated data set. Restore processing completed successfully.
User Response: None. This message is informational only.

BMC202248E  RUV <data set name> No Archive data applied - Restore Error

Explanation: No archive data was applied to the indicated data set because a restore failure or warning condition occurred.
User Response: Check for additional restore failure or warning messages.

BMC202250W  RUV DSName <dsname> was already selected for recovery.

Explanation: A previous base or path caused this file to be selected for recovery. This request is ignored.
User Response: None.
**BMC202252E**  
**RUV DSName** `<data set name>` records cannot be backed out because it is an IAM ESDS file. Use RECOVER FORWARD instead.

*Explanation:* The indicated data set is an IAM ESDS file. IAM ESDS files can only be recovered with RECOVER FORWARD.

*User Response:* Run a forward recovery to recover this file.

**BMC202253W**  
**RUV No Archives since the current backup to be Last Imaged**

*Explanation:* Last Image accumulation only processes archives since the current backup. All other archives are ignored.

*User Response:* None.

**BMC202256E**  
**RUV XBM** `<xbmid>` has returned an error code but no error messages.

*Explanation:* XBM subsystem `<xbmid>` has returned a failure code, but no further information is provided.

*User Response:* Contact Technical Support.

**BMC202257E**  
**RUV XBM** `<xbmid>` unknown, ensure XBM load library is available to job.

*Explanation:* XBM subsystem `<xbmid>` could not be found. XBM load modules are probably not available. Snapshot is cancelled.

*User Response:* Ensure that XBM load modules are in the STEPLIB or the LINKLST.

**BMC202272E**  
**RUV PSW at failure:** `<word1> <word2> <word3> <word4>`. `<ssid>`

*Explanation:* An abend occurred at the location shown in the message.

*User Response:* Save the information for debugging purposes if you need to contact Technical Support.

**BMC202273E**  
**RUV Abend at offset:** `<offset>` in: `<program> <version> <date> <time>`. `<ssid>`

*Explanation:* This message displays the name of the program in which the abend occurred. The program version and its assembly date and time are also displayed.

*User Response:* Save the information for debugging purposes if you need to contact Technical Support.

**BMC202274E**  
**RUV Data at failure:** `<address> <SDWA0> <SDWA4> <SDWA8>`. `<ssid>`

*Explanation:* This message displays the contents of the six bytes before and after the point at which the abend occurred.

*User Response:* Save the information for debugging purposes if you need to contact Technical Support.
**BMC202275E**  
**RUV Register:** `<registerrange>: <regxx> <regxx> <regxx> <regxx>`. `<ssid>`

*Explanation:* The contents of all the registers are displayed in the following groups of 4, as identified by the register range value: 0 through 3, 4 through 7, 8 through 11, and 12 through 15. The subsystem ID to which these register values correlate is identified by the `ssid` value.

*User Response:* Record the register values and contact Technical Support.

**BMC202277E**  
**RUV Abend** `<abendcode>` occurred during end-of-memory processing. `<ssid>`

*Explanation:* The job terminated abnormally because of an out-of-memory condition. The subsystem ID to which this abend value correlates is identified by the SSID value.

*User Response:* Record the abend value and contact Technical Support.

**BMC202278E**  
**RUV Abend** `<abendcode>` occurred during end-of-task processing. `<ssid>`

*Explanation:* The job terminated abnormally because of an error in out-of-task processing. The subsystem ID to which this abend value correlates is identified by the `ssid` value.

*User Response:* Record the abend value and contact Technical Support.

**BMC202296E**  
**RUV SNAPSHOT BACKUP FAILURE. Input** `<dsname>` **had** `nn` **records, but backup** `<dsname>` **had** `nn` **records.**

*Explanation:* The input data set has a different number of records than the backup data set.

*User Response:* Capture the Extended Buffer Manager log and contact Technical Support.

**BMC202297E**  
**RUV Backup Copy Failure. Input backup** `<dsname>` **should have had** `nn` **records, but backup copy** `<dsname>` **has** `nn` **records.**

*Explanation:* The input backup data set has a different number of records than the backup copy data set.

The backup copy data set was not registered, but is a copy of the backup data set. You can manually register the backup copy data set as a backup of the original data set, if desired.

*User Response:* Check the record count of the backup copy data set.

If the record count is correct, RUV had an error. Contact Technical Support.

If the record count is not correct, the backup copy has been modified and is no longer a correct backup.
**BMC202298E**  
**DSName <DSN>** records cannot be backed out because it is an EXTENDED ESDS file. Use RECOVER FORWARD instead.

*Explanation:* EXTENDED ESDS files can only RECOVER FORWARD.

*User Response:* Run a RECOVER FORWARD to recover this file.
This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202300 to BMC202399. Many of these messages are related to subsystem processing.

**BMC202300E** RUV RUVZOBJ *<text>*

*Explanation:* Internal RUV error where *<text>* can be one of the following: Invalid token, Invalid base token, Token missing, Request out of range, Request not supported, Method not found, Copy / base invalid.

*User Response:* Contact Technical Support.

**BMC202301E** RUV DSName *<dsname>* is not a registered backup.

*Explanation:* Restore request specified an unregistered backup dsname. Restore was refused.

*User Response:* Specify a registered backup and rerun the job.

**BMC202302I** RUV End of data encountered while reading repository.

*Explanation:* This is a normal condition unless some other error has occurred.

*User Response:* None. This message is informational only.

**BMC202303E** RUV DSName *<dsname>* is not a registered VSAM file.

*Explanation:* Restore request specified an unregistered VSAM file dsname. Restore was refused.

*User Response:* Add the VSAM file to the repository and rerun the job.

**BMC202304I** RUV *<record>* record not found on repository: key (*<key>*).

*Explanation:* This is a normal condition unless some other error has occurred.

*User Response:* None. This message is informational only.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
<th>Explanation</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202305I</td>
<td>RUV Item (&lt;item&gt;) not found.</td>
<td>Item not found. This is a normal condition unless some other error has occurred.</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td>BMC202306E</td>
<td>RUV DSName &lt;dsname&gt; backup is registered but not active.</td>
<td>Restore request specified an inactive backup file dsname. Restore was refused.</td>
<td>Select another backup or activate the selected backup.</td>
</tr>
<tr>
<td>BMC202307W</td>
<td>RUV Duplicate &lt;type&gt; record found.</td>
<td>Type record with the same key is already on the repository. This is the normal condition unless some other error has occurred.</td>
<td>None.</td>
</tr>
<tr>
<td>BMC202308W</td>
<td>RUV Duplicate item (&lt;item&gt;) found.</td>
<td>Item already present in record. This is the normal condition unless some other error has occurred.</td>
<td>None.</td>
</tr>
<tr>
<td>BMC202309E</td>
<td>RUV No current record found.</td>
<td>There is no record currently in the repository buffer.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202310E</td>
<td>RUV Commit is pending.</td>
<td>The repository was updated in memory, but no request was made to commit the changes to DASD.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202311E</td>
<td>RUV The update function is not allowed.</td>
<td>The repository object is in read only mode.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202312E</td>
<td>RUV Time stamp mismatch found in the repository record, RC(&lt;return code&gt;).</td>
<td>Conflicting timestamps found in the repository record. Multiple concurrent updates to the repository can cause this condition. This may be a timing condition.</td>
<td>Rerun the job or contact Technical Support.</td>
</tr>
</tbody>
</table>
**BMC202313E**  
RUU Other repository error, RC(<returncode>).  

*Explanation:* An unexpected return code was presented to RUV in response to a request for repository I/O.  
*User Response:* Contact Technical Support.

**BMC202314E**  
RUU Insufficient access authority. RS(<reasoncode>).  

*Explanation:* Access to the repository requires at least UPDATE authority over the repository data sets.  
*User Response:* Contact your RACF administrator.

**BMC202315E**  
RUU Invalid record length; <length> is too short.  

*Explanation:* Repository records must be at least 64 bytes long.  
*User Response:* Contact Technical Support.

**BMC202316E**  
RUU Invalid record length; <length> is too long.  

*Explanation:* Repository records must be shorter than 16M bytes long.  
*User Response:* Contact Technical Support.

**BMC202317E**  
RUU Invalid record type code (<type>).  

*Explanation:* Type is not a valid type for a repository record.  
*User Response:* Contact Technical Support.

**BMC202318E**  
RUU Invalid item length <length>; length is less than sixteen.  

*Explanation:* Repository item length length is invalid. All items must be at least 16 bytes long.  
*User Response:* Contact Technical Support.

**BMC202319E**  
RUU Invalid item length <length>; length is too long.  

*Explanation:* Unstructured items (format 0) must be less than 32K; structured items (formats 1 and 2) must be less than 16M.  
*User Response:* Contact Technical Support.

**BMC202320E**  
RUU Invalid item code <itemcode> found.  

*Explanation:* Repository item itemcode is invalid. Repository item codes are four uppercase, alphabetic characters.  
*User Response:* Contact Technical Support.
BMC202321E RUV Invalid item length <length>; length is not a multiple of eight.

Explanation: Repository item length is invalid. Repository item lengths must be a multiple of eight.

User Response: Contact Technical Support.

BMC202322I RUV No Active rule set on repository. Will use $DUMMY. <ssid>

Explanation: No previously active rule set exists to be reactivated. This is not an error, but RUV cannot protect your data without an active rule set.

User Response: Activate a rule set. RUV will save the name in the repository and automatically reactivate it during initialization.

BMC202323E RUV Return from subsystem, RC(<returncode>) SPLRC(<SPLRC>) RPLFDBWD(<RPLFDBWD>.

Explanation: An error occurred with accessing the repository.

User Response: Contact Technical Support.

BMC202324E RUV Invalid RPL length <length> found on the repository.

Explanation: The indicated RPL length is not maximum size, and this is not the last segment of a record. The repository has been corrupted.

User Response: Rebuild the repository.

BMC202325E RUV Invalid data found on the repository.

Explanation: The length field in the record conflicts with the actual length length. The repository has been corrupted.

User Response: Rebuild the repository.

BMC202326E RUV Invalid (non RUV) record read from the repository.

Explanation: The record key key is invalid for an RUV record, full (64-byte) key (key). The repository has been corrupted.

User Response: Rebuild the repository.

BMC202327I RUV Repository Access Object - SSID <ssid>.

Explanation: Repository Access Object for SSID subsystemid. ssid program description.

User Response: None. This message is informational only.
<table>
<thead>
<tr>
<th>BMC202328E</th>
<th>RUV Public subsystem not available; RS (00000001).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The public RUV subsystem was requested but it is not available.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Request a specific subsystem or activate a public RUV subsystem.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202329E</th>
<th>RUV <code>&lt;ssid&gt;</code> subsystem not available; RS (00000002).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>Subsystem ssid not found on the SSCT chain.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Start RUV subsystem ssid.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202330E</th>
<th>RUV Subsystem <code>&lt;ssid&gt;</code> is not an RUV subsystem.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The REINIT RUV command has not been executed on the ssid subsystem.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Make sure that the SET SUBSYSTEM command identifies a subsystem with RUV active.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202331E</th>
<th>RUV Failure to attach a writer.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>Accumulation processing was not able to attach a writer for output processing.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Technical Support.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202332E</th>
<th>RUV Failure to attach a reader.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>During accumulation processing, a reader could not be attached for input processing.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Technical Support.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202333E</th>
<th>RUV Registration of accumulation failed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The registration statement for the accumulation process could be written to the repository.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Verify that the repository is available and you have authority to access it.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202334E</th>
<th>RUV Inactive subsystem <code>&lt;ssid&gt;</code>.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>Subsystem ssid is not active for RUV.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Make sure that the SET SUBSYSTEM command identifies a subsystem with RUV active.</td>
</tr>
<tr>
<td>Error Code</td>
<td>Description</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BMC202335E</td>
<td>RUV Concatenated file not allowed for DDName <code>&lt;ddname&gt;</code>.</td>
</tr>
<tr>
<td>BMC202336E</td>
<td>RUV Accumulation Repository error.</td>
</tr>
<tr>
<td>BMC202337E</td>
<td>RUV Invalid SSCT chain.</td>
</tr>
<tr>
<td>BMC202338E</td>
<td>RUV DDName <code>&lt;ddname&gt;</code> not open.</td>
</tr>
<tr>
<td>BMC202339E</td>
<td>RUV No writers are available for the output processing of the accumulation data.</td>
</tr>
<tr>
<td>BMC202340E</td>
<td>RUV No IADS item found.</td>
</tr>
<tr>
<td>BMC202341W</td>
<td>RUV DDName <code>&lt;ddname&gt;</code> is already open.</td>
</tr>
<tr>
<td>BMC202342E</td>
<td>RUV Get not allowed, DDName <code>&lt;ddname&gt;</code> is open for output.</td>
</tr>
<tr>
<td>Message Code</td>
<td>Message Description</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BMC202343E</td>
<td>RUV Put not allowed, DDName <code>&lt;ddname&gt;</code> is open for input.</td>
</tr>
<tr>
<td><strong>Explanation</strong>:</td>
<td>Internal logic error.</td>
</tr>
<tr>
<td><strong>User Response</strong>:</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202344E</td>
<td>RUV Wrong TCB for close of DDName <code>&lt;ddname&gt;</code>.</td>
</tr>
<tr>
<td><strong>Explanation</strong>:</td>
<td>A close was requested for DDName <code>&lt;ddname&gt;</code>, but the task (<code>&lt;task&gt;</code>) requesting it is not the task.</td>
</tr>
<tr>
<td><strong>User Response</strong>:</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202345E</td>
<td>RUV Unexpected concatenation encountered on DDName: <code>&lt;ddname&gt;</code>.</td>
</tr>
<tr>
<td><strong>Explanation</strong>:</td>
<td>DDName <code>&lt;ddname&gt;</code> was found to be concatenated but concatenated data sets are not supported in this context.</td>
</tr>
<tr>
<td><strong>User Response</strong>:</td>
<td>Use nonconcatenated input.</td>
</tr>
<tr>
<td>BMC202346E</td>
<td>RUV I/O error on DDName <code>&lt;ddname&gt;, &lt;IEA000l text&gt;</code>.</td>
</tr>
<tr>
<td><strong>Explanation</strong>:</td>
<td>The SYNAD exit was entered for a sequential data set. See IBM message IEA000l for an explanation of “SYNADAF message text.” A hardware I/O error will cause this message to be issued.</td>
</tr>
<tr>
<td><strong>User Response</strong>:</td>
<td>See IBM message IEA000l for a detailed description of the message. For input files, check that the actual data agrees with the DCB information for the data set.</td>
</tr>
<tr>
<td>BMC202347I</td>
<td>RUV End of data on DDName `&lt;ddname&gt;; &lt;value&gt; records read.</td>
</tr>
<tr>
<td><strong>Explanation</strong>:</td>
<td>DDName <code>&lt;ddname&gt;</code> has reached its end after reading value records. This is a normal condition.</td>
</tr>
<tr>
<td><strong>User Response</strong>:</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td>BMC202348E</td>
<td>RUV Invalid or missing DDName <code>&lt;ddname&gt;</code>.</td>
</tr>
<tr>
<td><strong>Explanation</strong>:</td>
<td>Received a DEVTYP (svc 24) RC return code indicating that <code>&lt;ddname&gt;</code> is not a valid DDName.</td>
</tr>
<tr>
<td><strong>User Response</strong>:</td>
<td>Correct the JCL and rerun.</td>
</tr>
<tr>
<td>BMC202349E</td>
<td>RUV Blank or missing DDName.</td>
</tr>
<tr>
<td><strong>Explanation</strong>:</td>
<td>File cannot be opened because the DDName is missing or blank.</td>
</tr>
<tr>
<td><strong>User Response</strong>:</td>
<td>Contact Technical Support.</td>
</tr>
</tbody>
</table>
BMC202350E  RUV Unable to get <value> bytes for DDName <ddname> input buffer.

*Explanation:* Unable to get main a value byte record buffer for ddname. Abend U104 will follow.

*User Response:* Contact Technical Support.

BMC202351W  RUV Archive registration skipped.

*Explanation:* A repository access error occurred that prevented the registration of the archive.

*User Response:* Correct the repository access error and rearchive the archive.

BMC202352E  RUV Repository access error <actionid>; RC(<returncode>); RS(<reasoncode>).

*Explanation:* Error occurred while accessing the repository.

*User Response:* Contact Technical Support.

BMC202353E  RUV Item <item> (format 1) does not contain all required sub-items.

*Explanation:* Sub-item lengths appear to overlap the end of item item.

*User Response:* Contact Technical Support.

BMC202354E  RUV The entries do not exactly fit into array item <item>.

*Explanation:* Internal logic error.

*User Response:* Contact Technical Support.

BMC202355E  RUV An item was passed a pointer that had a value of zero.

*Explanation:* A pointer of zero was passed to the item validation routine. Low memory is not a valid item.

*User Response:* Contact Technical Support.

BMC202356E  RUV Item <itemcode> reserved field not set to zeros (<hexvalue>).

*Explanation:* Internal RUV error

*User Response:* Contact Technical Support.

BMC202357E  RUV No IAFD item found.

*Explanation:* A repository search did not find the IAFD item.

*User Response:* Contact Technical Support.

BMC202358I  RUV Not able to identify file for record.

*Explanation:* The file that this record applies to is unknown.

*User Response:* Record is accumulated, but not included in reports.
**BMC202359W**  
**RUV Archive Record for DSName <dsname> is not active. Data set will NOT be accumulated.**

*Explanation:* The latest repository record for this archive dsname is not active. Accumulation will continue without it.

*User Response:* Change status of the archive to active and rerun the job.

**BMC202360E**  
**RUV STOW failed for DDName <ddname> member <membername> RC(<returncode>).**

*Explanation:* Unable to update the PDS directory. The return code meanings are:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>no more space in directory</td>
</tr>
<tr>
<td>16</td>
<td>permanent I/O error</td>
</tr>
<tr>
<td>20</td>
<td>DCB not open</td>
</tr>
<tr>
<td>24</td>
<td>insufficient virtual storage</td>
</tr>
</tbody>
</table>

*User Response:* Perform the appropriate response according to the return code received as follows:

12  
Reallocate the PDS with more directory space.

16  
Reallocate the PDS on another volume.

20  
Contact Product Support.

24  
Make more storage available.

**BMC202361W**  
**RUV Beginning segment was not found in block <blocknumber> of file DDName <ddname>.**

*Explanation:* Invalid VBS record was read from block blocknumber of DDName ddname. A beginning segment was expected, but the segment descriptor word (SDW) indicates this is not the first segment of a record.

*User Response:* This is a normal condition when processing a damaged or incomplete archive. Attempt to use another copy of this archive. Refer to active or inactive archive status.

**BMC202362W**  
**RUV Ending segment missing in a record in block <blocknumber> of DDName <ddname>.**

*Explanation:* Invalid VBS record was read from block blocknumber of DDName ddname. A continuation segment was expected, but the segment descriptor word (SDW) indicates this is the first segment of a record.

*User Response:* This is a normal condition when processing a damaged or incomplete archive. Attempt to use another copy of this archive. Refer to active and inactive archive status.
BMC202363W  RUV Beginning and ending segments missing from block `<blocknumber>` of DDName `<ddname>`.

Explanation: Invalid VBS record was found in block blocknumber of DDName ddname. A middle segment was encountered. The segment descriptor words (SDW) indicate that the first and last segments are both missing.

User Response: This is a normal condition when processing a damaged or incomplete archive. Attempt to use another copy of this archive. Refer to active and inactive archive status.

BMC202364E  RUV Record `<record>` in block `<blocknumber>` of DDName `<ddname>` is less than 8 bytes long.

Explanation: Record record in block blocknumber of ddname is less eight data bytes long. A RUV archive record must be long enough to contain length and count fields. The data set is probably not an RUV archive.

User Response: Ensure that the data set being processed is an RUV archive. Contact Technical Support.

BMC202365E  RUV Record `<record>` in block `<blocknumber>` of DDName `<ddname>` is shorter than its llll length.

Explanation: The actual length of record record in block blocknumber of ddname is less than its llll field. The data set is probably not an RUV archive.

User Response: Ensure that the data set being processed is an RUV archive. Contact Technical Support.

BMC202366E  RUV Record `<record>` in block `<blocknumber>` of DDName `<ddname>` is longer than its llll length.

Explanation: The actual length of record record in block blocknumber of ddname is greater than its llll field. The data set is probably not an RUV archive.

User Response: Ensure that the data set being processed is an RUV archive. Contact Technical Support.

BMC202367E  RUV Invalid record sequence in DDName `<ddname>`; expected `<record1>`; actual `<record2>`.

Explanation: Invalid record sequence on ddname. Record number record1 was expected, but record number record2 was read. This is a normal condition when processing a damaged, incomplete, or modified archive. All jobs except the Accumulation job will fail. The Accumulation job will receive a return code of 8, but if no other errors are found, the job completes successfully.

User Response: Check for a BMC202153I message to see if the Accumulation job finished successfully. Ensure that the data set being processed is an RUV archive and that it is not being modified.
BMC202368W  RUV Abend intercepted for DDName <ddname>; abend code <abendcode>, record number <recordnumber>.

Explanation: Abend intercepted by DCBABEND or ESTAE exit. DDName ddname is the DDName where the error occurred. abendcode is the abend code received and recordnumber is the number of the record being processed at the time of the error.

User Response: No action is necessary for out of space conditions (x37) during batch journaling. Otherwise, correct the problem and rerun the job.

BMC202369E  RUV Record <recordnumber> intended for DDName <ddname> with length <length> is too long.

Explanation: For RECFM=F or FB, the record length (including wrapping) of ddname must equal the LRECL.

User Response: Check the RECFM and LRECL of the output data set.

BMC202370E  RUV Record <recordnumber> intended for DDName <ddname> with length <length> is too short.

Explanation: For RECFM=F or FB, the record length (including wrapping) of ddname must equal the LRECL.

User Response: Check the RECFM and LRECL of the output data set.

BMC202371E  RUV End of data encountered in item <itemcode>.

Explanation: Internal logic error.

User Response: Contact Technical Support.

BMC202372E  RUV Sub-item or entry does not exist.

Explanation: Internal logic error.

User Response: Contact Technical Support.

BMC202373E  RUV Invalid format <format> in item <itemcode>, A(<address>).

Explanation: Internal logic error. Valid formats are of 0, 1, and 2.

User Response: Contact Technical Support.

BMC202374E  RUV No current item found.

Explanation: There is no item currently in the object’s buffer.

User Response: Contact Technical Support.

BMC202375E  RUV No current sub-item or array entry found.

Explanation: Internal logic error.

User Response: Contact Technical Support.
**BMC202376E** RUV Item `<itemcode>` is too short; length= `<length>`, A(<`address`>).

Explanation: All items (and sub-items) must be at least sixteen bytes long.
User Response: Contact Technical Support.

**BMC202377E** RUV Item `<itemcode>` is too long for format `<format>` items; length= `<length>`, A(<`address`>).

Explanation: Format 0 (unstructured) items must be less than 32k. All others must be less than 16M.
User Response: Contact Technical Support.

**BMC202378E** RUV Invalid Item `<itemcode>` found; hex value= `<hexvalue>`, A(<`address`>).

Explanation: Valid item eyecatchers are four upper case characters, ranging A to Z only.
User Response: Contact Technical Support.

**BMC202379E** RUV Incorrect format `<format>` found.

Explanation: Item has an unsupported format for the function requested.
User Response: Contact Technical Support.

**BMC202380E** RUV Invalid RDW on variable length DDName `<ddname>`. Block number `<number>`. RDW(`<rdw>`).

Explanation: For RECFM=V, VB, VS, or VBS, the first four bytes must be a valid record descriptor word rdw.
User Response: Make sure that the actual data agrees with the DCB information from the VTOC, label, or JCL.

**BMC202381I** RUV Repository backup for SSID: `<ssid>` complete. `<count>` records; `<kcount>` K bytes.

Explanation: Repository backup for ssid complete. count records were backed up. The size of the backup is kcount K bytes.
User Response: None. This message is informational only.

**BMC202382I** RUV Repository restore for SSID: `<ssid>` complete. `<count>` records; `<kcount>` K bytes.

Explanation: Repository restore for ssid complete. count records were restored. The size of the data restored is kcount K bytes.
User Response: None. This message is informational only.
BMC202383I  
**RUV File: <ddname> Data set: <dsname>**

*Explanation:* Displays the file ddname and data set dsname.

*User Response:* None. This message is informational only.

BMC202384I  
**RUV File: <ddname> Data set: <dsname>(<member>)**

*Explanation:* Displays the file ddname, data set dsname, and member member.

*User Response:* None. This message is informational only.

BMC202385I  
**RUV File: <ddname> Data set: <dsname> Error.**

*Explanation:* Displays the file ddname and data set dsname that are in error.

*User Response:* None. This message is informational only.

BMC202386I  
**RUV File: <ddname> Data set: **simulated**.**

*Explanation:* Displays the file ddname and data sets that are simulated.

*User Response:* None. This message is informational only.

BMC202387E  
**RUV Rule set (<rule set name>) not found or not activated. <ssid>**

*Explanation:* The repository control record for this subsystem contained a rule set name that could not be found.

*User Response:* Activate the correct rule set.

BMC202387I  
**RUV Repository Print for SSID: <ssid>.**

*Explanation:* Print for ssid.

*User Response:* None. This message is informational only.

BMC202388W  
**RUV Archive record for DSName <dsname> has no status. Data set will be accumulated.**

*Explanation:* The latest repository record dsname for this archive has no status. Accumulation will continue with it.

*User Response:* None.

BMC202389I  
**RUV <record count> records; <bytes> K bytes.**

*Explanation:* This information is reporting the number of records and number of bytes of data that has been processed.

*User Response:* None. This message is informational only.
BMC202390E  RUV <parm> is missing.

Explanation: The required parm was not supplied for accumulation processing.
User Response: Supply the missing data and rerun the job.

BMC202391E  RUV DSName <dsname> is duplicated in the ARCHIVE_OUT parameter.

Explanation: Archive out DSName dsname is listed two or more times.
User Response: Remove extra archive(s) and submit the job again.

BMC202392E  RUV DSName <dsname> base is not found.

Explanation: Unable to find DSName dsname base.
User Response: Correct DSName, or ensure that the DSName is in the repository

BMC202393E  RUV DSCB function failed RC(<returncode>) RS(<reasoncode>).

Explanation: Error in DSCB functions.
User Response: Contact Product Support.

BMC202394E  RUV Accumulation selection error.

Explanation: Error encountered in accumulation processing.
User Response: Look for an earlier error and address that.

BMC202395I  RUV No archives were selected for input.

Explanation: No active archives were found for the input.
User Response: Verify that valid, active archives exist for the VSAM_FILE input.

BMC202396E  RUV Build Queue failure.

Explanation: Error in creating queue from reader to writer.
User Response: Contact Technical Support.

BMC202397E  RUV Accumulation writer allocation error.

Explanation: Failure in the allocation of a writer.
User Response: Contact Technical Support.

BMC202398E  RUV Mount plan failure.

Explanation: Failure in the mount plan.
User Response: Contact Technical Support.
BMC202399I  RUV Generated end of batch job for Job: <job> at <gmt> GMT.

Explanation: RUV generated the end of the indicated batch job by using the available journals. The message shows the timestamp in GMT.

User Response: Ensure that all journals from the batch job were input to the ACCUM job. Correct and rerun the ACCUM if input journals were missing. If the generated end time is acceptable, no action is needed.
This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202400 to BMC202499.

**BMC202400I RUV <messages>**.

*Explanation:* Various information messages are produced when an RUV subsystem is starting. The messages will help describe the environment if problems develop later.

*User Response:* None. This message is informational only.

**BMC202401I RUV Initializing RUV, Version <version> <date>**.

*Explanation:* A REINIT RUV command has been issued.

*User Response:* None. This message is informational only.

**BMC202402I RUV Initialization Version <version> <date>**.

*Explanation:* Product inialization succeeded.

*User Response:* None. This message is informational only.

**BMC202403E RUV Initialization failed in routine: <routiname>**.

*Explanation:* The RUV product failed to initialize itself.

*User Response:* Contact Technical Support.

**BMC202404E RUV The BPS product is not of a level that can support RUV**.

*Explanation:* The BPS product level is not current.

*User Response:* Upgrade your BPS/BCS subsystem to at least the version supplied on the RUV product tape.
BMC202405I  RUV Processing module: <routinename>.

Explanation:  This message reports diagnostic information.
User Response:  None. This message is informational only.

BMC202406E  RUV The BCS product is not of a level that can support RUV.

Explanation:  BCS must be at least at the version 1.1.02 level to support RUV.
User Response:  Upgrade BCSS to the most current level.

BMC202407I  RUV Found an SPB for <pid>.

Explanation:  RUV is already up. RUV will reinitialize itself.
User Response:  None. This message is informational only.

BMC202408I  RUV Create new SPB for <pid>.

Explanation:  This is the first time RUV has been brought up since IPL.
User Response:  None. This message is informational only.

BMC202409I  RUV Command processing enabled.

Explanation:  This subsystem will now accept RUV commands.
User Response:  None. This message is informational only.

BMC202410E  RUV Functions vector table inconsistent.

Explanation:  Internal logic error.
User Response:  Contact Technical Support.

BMC202411E  RUV Services vector table inconsistent.

Explanation:  Internal logic error.
User Response:  Contact Technical Support.

BMC202412E  RUV PC Routines vector table inconsistent.

Explanation:  Internal logic error.
User Response:  Contact Technical Support.

BMC202413W  RUV Error loading module <modulename>, RC (<returncode>)
RS (<reasoncode>).

Explanation:  A RUV subsystem module could not be loaded.
User Response:  Make sure that the STEPLIB is correct.
BMC202414E  RUV <ssid> RECOVER BACKOUT JCL could not be generated RS (<reasoncode>).

*Explanation:* An internal error occurred.
*User Response:* Contact Technical Support.

BMC202415W  RUV <ssid> JOURNAL_MODEL (<journal model name>) not found.

*Explanation:* The LOG or JOURNAL model specified could not be located. The system will look for $DEFAULT.
*User Response:* Change the JOB_RULE to specify the correct model or ensure that the model name has been stored in the repository.

BMC202416I  RUV <ssid> <type> JCL will be stored in PDS: <pds> (<member>).

*Explanation:* An internal reader model specified a partitioned data set member for the indicated *type* of job.
*User Response:* None. This message is informational only.

BMC202417I  RUV <ssid> <type> JCL will be <action>.

*Explanation:* An internal reader model caused the indicated *action* to be taken for the indicated *type* of job:

- If the action indicates that the JCL was submitted to a JES class, the class name is shown in the message.
- If the action indicates that the JCL was stored in a data set, the data set name is shown in the message. This data set name is the QSAM file that is identified by the ddname.

*User Response:* None. This message is informational only.

BMC202418E  RUV <ssid> DSName field not found in QSAM JOURNAL_MODEL.

*Explanation:* The journal model used for a log or journal allocation did not contain a DSN= field.
*User Response:* Modify the JOURNAL_MODEL or the JOB_RULE to provide a DSName and rerun the job.

BMC202419E  RUV <ssid> z/OS log stream not supported.

*Explanation:* The journal model specified a z/OS log stream. This version of RUV does not support log streams.
*User Response:* Modify the JOURNAL_MODEL or the JOB_RULE to select a QSAM journal or log.
BMC202420I  RUV <ssid> <text>.

Explanation: This message displays various pieces of information concerning the batch logging environment. Typically, it will show user JCL for journal allocation.

User Response: None. This message is informational only.

BMC202421I  RUV <ssid> Selected by Job mask: <jobmask> Program mask: <program mask>.

Explanation: This message displays identification of specified job and program information.

User Response: None. This message is informational only.

BMC202422I  RUV <ssid> Submitted recovery job (<jobid>).

Explanation: A batch job abended and a recovery job was submitted.

User Response: None. This message is informational only.

BMC202423I  RUV <ssid> Saved recovery job in <pds>(<member>).

Explanation: A batch job abended and a recovery job was saved in a partitioned data set.

User Response: None. This message is informational only.

BMC202424I  RUV <ssid> Running under AR/Control, log suppressed.

Explanation: RUV does not perform logging for batch steps running under APPLICATION RESTART CONTROL (AR/CTL) because AR/CTL will perform a coordinated backout for VSAM, DB2, and IMS.

User Response: None. This message is informational only.

BMC202425I  RUV <ssid> <text>.

Explanation: This message displays various pieces of information concerning the batch logging environment. Typically, it will show user JCL for step backout.

User Response: None. This message is informational only.

BMC202426I  RUV <ssid> Allocated <text> DDName: <ddname> DSName: <dsname>.

Explanation: Job was selected for batch logging or journal writing. Recovery information will be written to the indicated QSAM file.

User Response: None. This message is informational only.
BMC202427W RUV <ssid> Switching to no submit: <text>.

Explanation: Job was selected for backout recovery but the product was unable to obtain a required resource. Backout will not be performed.

User Response: None.

BMC202428E RUV <ssid> Log/journal failure; user requested ABEND.

Explanation: Job rule requested job termination in the event of a log or journal failure. Prior messages show the reason for the log/journal failure.

User Response: Correct the problem and rerun the job.

BMC202429E RUV <ssid> Error during variable substitution.

Explanation: One or more variables failed to substitute correctly.

User Response: Correct the problem and rerun the job.

BMC202430I RUV <ssid> Log and journal model or DSName are the same; blending in effect.

Explanation: The same model name was used for the LOG and the JOURNAL in the JOB_RULE or the log DSName and the journal DSName are equal. All logging and journal writing activity will be written to the log. The log will be cataloged and kept.

User Response: None. This message is informational only.

BMC202431I RUV No update activity for VSAM DSN: <data set name>

Explanation: The indicated VSAM file was opened, but the job abnormally terminated before the VSAM data set was updated.

User Response: None. This message is informational only.

BMC202432E RUV <ssid> DSN: <dsnname> already cataloged.

Explanation: The DSName generated for a log or journal is already in the z/OS catalog and neither RUVTIME nor +1 was part of the name. This situation prevented RUV from trying to generate another name.

User Response: Delete the data set (possible integrity exposure) or change the journal name to include either the RUVTIME or +1 variable. Rerun the job.

BMC202433I RUV <ssid> DSN: <dsnname> <count> <text>.

Explanation: The series of messages lists the Open/Close and update activity against the named file.

User Response: None. This message is informational only.
**BMC202434E** RUV <ssid> Error submitting or saving <type> JCL. RC(<return code>)

*Explanation:* An error occurred while trying to submit the indicated *type* of job to JES or while saving the JCL to a PDS. If this JCL was for a recovery, the JCL is written to the console.

*User Response:* Step *type* has not been performed. You need to complete the *type*.

**BMC202435E** RUV <ssid> Repository data set is full.

*Explanation:* An error occurred while trying to extend the repository data set(s). If BCS registets are being used to hold repository data, then ALL of them are full.

*User Response:* Run the PURGE command frequently to keep the repository from filling up with obsolete data, or rebuild the repository using a larger space allocation.

**BMC202436I** RUV <ssid> Repository data will be stored in <dsname>.

*Explanation:* This message documents where repository data is being stored. The default is the subsystem regiset(s). Future enhancements may allow the use of a VSAM KSDS in accessed in RLS mode.

*User Response:* None. This message is informational only.

**BMC202437S** RUV <ssid> Repository data set could not be opened in RLS mode.

*Explanation:* SMSVSAM is not up or RLS is not supported.

*User Response:* None.

**BMC202438I** RUV Repository RC (<returncode>) RS (<reasoncode>).

*Explanation:* The repository received the displayed Return and Reason Codes.

*User Response:* None. This message is informational only.

**BMC202439W** RUV Warning: subsystem <ssid> is not currently enabled for logging.

*Explanation:* The subsystem must be enabled for logging before any log/journal creation can occur.

*User Response:* Use the ssid ENABLE LOGGING command to enable the subsystem for log/journal creation.
BMC202440E  RUV Could not open the DSName `<dsname>` as DISP=(OLD) or in BWO mode. The backup failed.

*Explanation:* An attempt was made to open the file in RLS mode. BWO was not active, so no backup was taken.

*User Response:* Either ensure that the data set can be opened with a disposition of OLD. Or, ensure that the backup subsystem is started and active. This can be done with the STATUS command. Also, ensure that backups are enabled for the backup subsystem. This can be done with the RUV STATUS ALL and the RUV ENABLE BACKUP commands. Attempt the backup again.

BMC202441W  RUV `<record>` record incomplete. Timestamp `<timestamp>` Repository key `<key>`.

*Explanation:* Warning: repository records longer than 32K are broken up into segments when written to SMF. They may have been written to different data sets. One or more segments of a record were not found in the input data. Incomplete records cannot be used for recovery.

*User Response:* Ensure that all the necessary data is present in the input data sets.

BMC202442W  RUV `<ssid>` Error journaling repository update to SMF. SMFWTM RETURN CODE `<returncode>`.

*Explanation:* RUV encountered an unexpected return code from SMFWTM (SVC 83). Some return codes are:

10   SMF is not active or has abended.
14   IEFU83 exit routine suppressed the record.
24   Record type id not currently being recorded.
28   Record was lost due to SMF buffer shortage.

*User Response:* Consult IBM documentation for additional return codes. Correct the SMF problem and back up your repository to provide a valid recovery point disable repository journaling by setting SMF_TYPE to zero.

BMC202443I  RUV `<record>` record duplicated. Timestamp `<timestamp>` Repository key `<key>`.

*Explanation:* A duplicate record (or record segment) was found in the input data. This is probably not an error as the same SMF data may be presented more than once.

*User Response:* Check the handling of SMF data to insure there in no duplication of input.
BMC202444I  RUV SMF_IN reader selecting type (<type>) subtype (<subtype>) records from SMF data.

Explanation: RUV journals updates to SMF using the type and subtype numbers you supply. The same values must be used to select the correct records from SMF. Setting type to zero turns off repository journaling.

User Response: Make sure that the type and subtype values are the same as when the subsystem journaled the repository changes.

BMC202445E  RUV SMF_IN is not valid with SMF_TYPE set to zero.

Explanation: Valid values for SMF_TYPE are 128-255.

User Response: Make sure that the type and subtype values are the same as when the subsystem journaled the repository changes.

BMC202446I  RUV Journaling repository changes to SMF type (<type>) subtype (<subtype>) records.

Explanation: The data is used by RECOVER REPOSITORY.

User Response: None. This message is informational only.

BMC202447W  RUV No SMF type set on repository. Repository changes are not being journaled.

Explanation: The data is used by the RECOVER REPOSITORY command.

User Response: Use SET DEFAULT SMF_TYPE to select an SMF record type and subtype to journal repository changes and reinitialize the subsystem.

BMC202448W  RUV WARNING: Binder API could not successfully start dialog for module <modulename>, RC(<returncode>), RS(<reasoncode>).

Explanation: The report PTF could not start the binder API successfully.

User Response: Refer to the appropriate IBM manual regarding the error received and the action required to rectify the invalid condition.

BMC202449W  RUV WARNING: the Binder API reset function failed for module <modulename>; RC(<returncode>), RS(<reasoncode>).

Explanation: Information could not be obtained for the load library member.

User Response: Refer to the appropriate IBM manual regarding the error received and the action required to rectify the invalid condition.

BMC202450W  RUV WARNING: <type> list could not be updated for module: <modulename>, RC(<returncode>).

Explanation: The report PTF could not create a list of zaps or link data for the load library member.

User Response: Contact Product Support.
<table>
<thead>
<tr>
<th>Message Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202451W</td>
<td><strong>RUV WARNING:</strong> Message construct failure for Binder API; <code>RC(&lt;returncode&gt;)</code>. No link data or zap data available.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> The report PTF could not properly construct the message object.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Contact Product Support.</td>
</tr>
<tr>
<td>BMC202452W</td>
<td><strong>RUV WARNING:</strong> No parameters established for Binder API; <code>RC(&lt;returncode&gt;)</code>. No link data or zap data available.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> The report PTF module did not call the Binder API program interface with a parameter list.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Contact Product Support.</td>
</tr>
<tr>
<td>BMC202453W</td>
<td><strong>RUV WARNING:</strong> Empty parameter list established for Binder API; <code>RC(&lt;returncode&gt;)</code>. No link data or zap data available.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> The report PTF module did not call the Binder API program interface with a valid parameter list.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Contact Product Support.</td>
</tr>
<tr>
<td>BMC202454W</td>
<td><strong>RUV WARNING:</strong> Binder API include process failed for module <code>&lt;modulename&gt;</code>; <code>RC(&lt;returncode&gt;), RS(&lt;reasoncode&gt;)</code>.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> The report PTF module did not complete the include process for the load library member.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Refer to the appropriate IBM manual regarding the error received and the action required to rectify the invalid condition.</td>
</tr>
<tr>
<td>BMC202455W</td>
<td><strong>RUV WARNING:</strong> Binder API get for <code>&lt;type&gt;</code> data failed for module <code>&lt;modulename&gt;</code>; <code>RC(&lt;returncode&gt;), RS(&lt;reasoncode&gt;)</code>.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> The report PTF module did not obtain the link data or the zap data for the load library member.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Refer to the appropriate IBM manual regarding the error received and the action required to rectify the invalid condition.</td>
</tr>
<tr>
<td>BMC202456W</td>
<td><strong>RUV WARNING:</strong> Binder API CREATEW function failed; <code>RC(&lt;returncode&gt;), RS(&lt;reasoncode&gt;)</code>. Data not available.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> Information could not be obtained for the load library. No information is available.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Refer to the appropriate IBM manual regarding the error received and the action required to rectify the invalid condition.</td>
</tr>
</tbody>
</table>
| BMC202457E | RUV `<ssid>` Unable to record rule set name `<rulesetname>`.  
**Explanation:** A new subsystem rule set was activated. The rule set name could not be recorded in the repository. The next subsystem start may not activate the correct ruleset.  
**User Response:** Correct the problem and rerun the job. |
|-------------|--------------------------------------------------|
| BMC202458I | RUV `<ssid>` Activated rule set name `<rulesetname>`.  
**Explanation:** A new subsystem rule set was activated. The rule set name has been recorded in the repository. The next startup of the subsystem will activate the same ruleset.  
**User Response:** None. This message is informational only. |
| BMC202459E | RUV IXST connect failed, RC `<returncode>` RS `<reasoncode>`.  
**Explanation:** No connection could be made to the XST. Processing terminates.  
**User Response:** Contact Technical Support. |
| BMC202460E | RUV RUVZASIN routine `<routinename>` failed, RC `<returncode>`, RS `<reasoncode>`.  
**Explanation:** An error occurred while creating or running an associated address space.  
**User Response:** Contact Technical Support. |
| BMC202461E | RUV `<ssid>` Invalid DSName field found in QSAM JOURNAL_MODEL `<journal model>`.  
**Explanation:** During journal model processing, the variable substitution process generated an invalid data set name. The resulting data set name might be longer than 44 characters.  
**User Response:** Modify the indicated `journal model` to use a valid data set name value. Activate the rule set after you have updated the journal model. Attempt the journal job again. |
| BMC202462E | RUV RUVZASCI routine `<routinename>` failed, RC `<returncode>` RS `<reasoncode>`.  
**Explanation:** An error occurred during creation or execution of an associated address space.  
**User Response:** Contact Technical Support. |
| BMC202463E | RUV Attached program `<program>` abended with `<abendcode>`.  
**Explanation:** An error occurred while creating or running an associated address space.  
**User Response:** Contact Technical Support. |
BMC202464E  RUV <program> DYNALLOC error DDName (<ddname>) RC(<returncode>) INFO(<infocode>).

Explanation: Dynamic allocation for a resource failed.
User Response: Make sure the resource is available and rerun the job.

BMC202465I  RUV <ssid> Using <text> DDName: <ddname> DSName: <data set name>

Explanation: The job was selected for batch logging or journaling. RUV will write recovery information to the QSAM file with the indicated ddname and data set name.
User Response: None. This message is informational only.

BMC202466E  RUV Backup <data set name> cannot be deleted.

Explanation: The Snapshot backup that has the indicated data set name is cancelled.
User Response: Change the data set name, or delete the data set. Rerun the job.

BMC202467E  RUV VASC passed to address space termination is invalid.

Explanation: During termination of a created address space, an invalid address for the VASC was encountered. Processing terminates due to an internal error.
User Response: Contact Technical Support.

BMC202468I  RUV created address space <program> has terminated.

Explanation: Created address space addressspace has terminated.
User Response: None. The user ECB will be posted to show that the address space has terminated.

BMC202469I  RUV <ssid> Stored recovery job in DSN: <data set name>

Explanation: A batch job abended and a recovery job was stored in the named data set. The data set may be a QSAM file or a PDS.
User Response: None. This message is informational only.

BMC202470E  RUV Keyword UNSELECTED_VSAM_FILES is not valid with a LAST_IMAGE keyword.

Explanation: The keyword UNSELECTED_VSAM_FILES is used with CONSOLIDATED keyword but not with LAST_IMAGE.
User Response: Remove the keyword and rerun the job.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
<th>Explanation</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202471E</td>
<td>RUV Keyword RETAIN_IMAGE is not valid with a LAST_IMAGE keyword request.</td>
<td><strong>Explanation:</strong> The keyword UNSELECTED_VSAM_FILES is used with CONSOLIDATED keyword but not with LAST_IMAGE.</td>
<td>Remove the keyword and rerun the job.</td>
</tr>
<tr>
<td>BMC202472E</td>
<td>RUV No backup registered in the repository for DSN (&lt;dsname&gt;).</td>
<td><strong>Explanation:</strong> RUV LAST_IMAGE keyword requires that a backup be registered before a VSAM file can be utilized by LAST_IMAGE processing.</td>
<td>Run a backup for the VSAM file(s) and then rerun the job.</td>
</tr>
<tr>
<td>BMC202473E</td>
<td>RUV The RUV header (APFX) contains invalid data.</td>
<td><strong>Explanation:</strong> RUV marks the APFX header with a code that identifies the type of action. This record contains an invalid action type.</td>
<td>Recreate the file and rerun the job.</td>
</tr>
<tr>
<td>BMC202474E</td>
<td>RUV No XBID was specified in SET or Default.</td>
<td><strong>Explanation:</strong> RUV requires an active XBM subsystem for Snapshot processing. No XBM subsystem ID was specified.</td>
<td>Specify the subsystem ID of an active XBM subsystem, and rerun the job.</td>
</tr>
<tr>
<td>BMC202475E</td>
<td>RUV XBID: &lt;xbmid&gt; was not Active.</td>
<td><strong>Explanation:</strong> RUV requires an active XBM subsystem for Snapshot processing. The specified XBM subsystem was not active.</td>
<td>Specify the subsystem ID of an active XBM subsystem, and rerun the job.</td>
</tr>
<tr>
<td>BMC202476I</td>
<td>RUV No recover work to do - end.</td>
<td><strong>Explanation:</strong> The Recovery process found no work to do and is terminating.</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td>BMC202477E</td>
<td>RUV Archive allocation failure for the following:</td>
<td><strong>Explanation:</strong> RUV could not allocate the archive.</td>
<td>Make sure that the archive data set name is spelled correctly and that the archive exists. Then rerun the job.</td>
</tr>
<tr>
<td>BMC202478E</td>
<td>RUV Backup location check failure.</td>
<td><strong>Explanation:</strong> RUV could not locate any required backup data.</td>
<td>Contact Technical Support.</td>
</tr>
</tbody>
</table>
BMC202479W  RUV Unable to determine if `<data set name>` is KSDS.

Explanation: The registration process is unable to determine whether the data set with the indicated `data set name` is a KSDS. It assumes that the data set is a KSDS and continues.

User Response: None.

BMC202480E  RUV `<data set name>` is not KSDS. Registration halted.

Explanation: The BACKUP_FILE registration process determined that the data set with the indicated `data set name` is not a KSDS. This process only works with KSDS files.

User Response: Do not try to register backups for data sets that are not KSDSs.

BMC202481W  RUV Inflight Recovery requested with no output UNIT_OF_WORK or Archive specified.

Explanation: An inflight recovery process was requested, but no output unit of work or archive was specified. The process continues, but unapplied data is not saved separately.

User Response: None.

BMC202482W  RUV Recovery requested with unneeded output UNIT_OF_WORK or Archive specified.

Explanation: An inflight recovery process was requested. An output unit of work or archive was specified but was not needed. The process continues, but the unneeded data sets are not used.

User Response: None.

BMC202483E  RUV Extended ESDS data sets are not supported. `<data set name>` functions are cancelled.

Explanation: The data set with the indicated `data set name` is an extended ESDS. Extended ESDSs are not supported for any function.

User Response: None.

BMC202484E  RUV Module `<module name>` received error `<return code>` during `<action>`. Task cancelled.

Explanation: The RUV module with the indicated `module name` received the indicated `return code`, which means an internal failure has occurred.

User Response: Contact Technical Support.
BMC202485W  **RUU Unable to collect Sphere information for <data set name>**.

Explanation: The data set with the indicated data set name was not available. The task continues, but this data set is not processed.

User Response: None.

BMC202486E  **RUU Invalid base Sphere Organization for <data set name>**.

Explanation: The data set with the indicated data set name must be a KSDS, ESDS, RRDS, or VRDS to be eligible for backup processing.

User Response: Check the data set type.

BMC202487I  **RUU Unable to locate VSAM FILE <data set name> in the Catalog**.

Explanation: The data set with the indicated data set name was not found by a catalog search.

User Response: None. This message is informational only.

BMC202488I  **RUU Duplicate SMF record count: <count>**

Explanation: Duplicate records (or record segments) were found in the input data. This condition is probably not an error because the same SMF data may be presented more than once.

User Response: Check the handling of SMF data to ensure that no duplication of input has occurred.

BMC202489E  **RUU Repository contention for <data set name>**

Explanation: The data set with the indicated data set name was being processed by another job.

User Response: Rerun the job.

BMC202490E  **RUU Repository Get Next error, RC(<return code>) RS(<reason code>)**.

Explanation: An RUU repository error occurred.

User Response: Contact Technical Support.

BMC202491E  **RUU Fatal selection error encountered**.

Explanation: A severe error was encountered during the selection process. The job is terminated.

User Response: Refer to the previous error message, and correct the condition it indicates.
BMC202492E  RUV Processing halted due to previous error.

Explanation: A severe error was detected. The job halts.
User Response: Refer to the previous error message, and correct the condition it indicates.

BMC202493W  RUV <text>.

Explanation: A wildcard error occurred.
User Response: None.

BMC202494E  RUV Unable to snap <data set name> due to VSAM attributes.

Explanation: VSAM files with Replicate, Imbed, or KeyRange cannot be snapped.
User Response: Do not Snapshot this data set.

BMC202495E  RUV No VSAM_NAME_MODEL match for <data set name>.

Explanation: None of the internal definitions in the VSAM_NAME_MODEL matched the data set with the indicated data set name.
User Response: Check the DSN or VSAM_NAME_MODEL and resubmit.

BMC202496E  RUV DSN: <data set name> already cataloged.

Explanation: The DSN with the indicated data set name generated by this backup is already in the z/OS catalog. This is probably due to another process cataloging that same DSN while this backup ran.
User Response: Rerun the backup for this data set.

BMC202497I  RUV DSN: <data set name> is format <actual format>, but the FCT is <fct format>.

Explanation: The data set has an FCT versus real format mismatch. The FCT should be corrected. Processing continues.
User Response: None. This message is informational only.

BMC202498E  RUV no external vendor active.

Explanation: A request was made to transmit an RUV but no external vendor is available for the transmission.
User Response: Activate an external vendor and rerun the job.
BMC202500–BMC202599 Messages

This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202500 to BMC202599. Most of these messages are related to subsystem or repository processing.

**BMC202500I  RUV BACKUP WHILE OPEN - INITIALIZING.**

*Explanation:* This message is issued when the BWO function of RUV is ready to initialize.

*User Response:* None. This message is informational only.

**BMC202501E  RUV Backup While Open - NTS retrieve <ntstoken> error (<reasoncode>).**

*Explanation:* BWO failed to retrieve the named token. The error code is displayed. User abend U391 with reason code X313 will follow.

*User Response:* Contact Technical Support.

**BMC202502I  RUV Backup While Open - Function Disabled or Quiesed. Terminating.**

*Explanation:* BWO was invoked but the function was quiesed or disabled. BWO terminates under this condition.

*User Response:* Issue appropriate commands to enable the required function.

**BMC202503E  RUV Backup While Open - No product block found.**

*Explanation:* RUV could not locate the subsystem product block (SPB) to get a product block. RUV issues a user 391 abend with reason code X501.

*User Response:* Contact Technical Support.

**BMC202504E  RUV Backup While Open - Unknown function <functioncode>.**

*Explanation:* A call was made to BWO but BWO was not able to recognize the requested function. This is an internal logic error.

*User Response:* Contact Technical Support.
BMC202505E  RUV Backup While Open - Function disabled or quiesed. Terminating. <ssid>

Explanation: This message is issued when the BWO function of the RUV has determined that the user has tried to initiate a new backup and either the backup has been quiesed or disabled.

User Response: Issue The BCSS subsystem command BCSS RUV enable backup.

BMC202506E  RUV Backup While Open - Q partner Ptr zero(0).

Explanation: A BWO session was established but the pointer to partner session control structure was zero. The partner session may have abnormally terminated. User abend U391 with reason code X315 will follow.

User Response: Contact Technical Support.

BMC202507E  RUV Backup While Open - NTS recursion detected. <ssid>

Explanation: Named Token Service recursion detected. User abend U391 with reason code X503 will follow.

User Response: Contact Technical Support.

BMC202508I  RUV Backup While Open - Owner <jobname> was busy and will be requeried.

Explanation: A BWO session request was made but not all resource owners could be queried. The resource owner was not found on the first pass. A second attempt will be made to pass the request to the busy resource owners.

User Response: None. This message is informational only.

BMC202509E  RUV Backup While Open - Procedural error <load module name>, (<returncode>).

Explanation: An internal logic error has been recognized. User abend U391 with reason code X319 will follow.

User Response: Contact Technical Support.

BMC202510E  RUV Backup While Open - NTS retrieve error RC(<returncode>) for (<hextokenname>).

Explanation: Named Token Service retrieve error. User abend U391 with reason code X504 will follow.

User Response: Contact Technical Support.

BMC202512I  RUV Backup While Open - <ssid> IS BWO COORDINATOR for <value>.

Explanation: This message is issued as a result of a user entering the command BCSS RUV TAKEOVER BWOCOORD on the subsystem which they want to own the BWO function, or as a result of a user entering BCSS REINIT RUV command.

User Response: None. This message is informational only.
BMC202513E  RUV Backup While Open - Qid error <modulename>, RC(<returncode>).  

*Explanation:* An internal logic error has been recognized. User abend U391 with reason code X321 will follow.  
*User Response:* Contact Technical Support.  

BMC202514E  RUV Backup While Open - NTS delete error RC(<returncode>) for NTS <NTSName>.  

*Explanation:* Named Token Service retrieve error. User abend U391 with reason code X506 will follow.  
*User Response:* Contact Technical Support.  

BMC202515E  RUV Backup While Open - ABEND requested. RC(<returncode>).  

*Explanation:* An abend is produced for diagnostic purposes. Refer to the previous message for information regarding this abend.  
*User Response:* Contact Technical Support.  

BMC202516E  RUV Backup While Open - NTS create error (<returncode>). <ssid>  

*Explanation:* Named Token Service create error. User abend U391 with reason code X507 will follow.  
*User Response:* Contact Technical Support.  

BMC202517E  RUV Cannot find primary subsystem.  

*Explanation:* While attempting to establish the environment necessary to create a second to address space, RUV could not find the BMC primary subsystem control blocks. User abend U391 with reason code X001 will follow.  
*User Response:* Contact Technical Support.  

BMC202518I  RUV Backup While Open - Subsystem <ssid> named <hex token name>.  

*Explanation:* The BWO function has initialized and the subsystem displays the name of the token it is using.  
*User Response:* None. This message is informational only.  

BMC202519E  RUV Backup While Open - Not authorized for Subsystem.  

*Explanation:* A user has attempted to use the BWO function on this subsystem without authorization from the site security coordinator.  
*User Response:* Contact the site security coordinator and request that the RACF profile to be updated appropriately.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
<th>Explanation</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202520I</td>
<td><strong>RUV Backup While Open - is active. &lt;ssid&gt; is coordinator.</strong></td>
<td>This message is issued when the BWO function has assigned a coordinator subsystem.</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> This message is issued when the BWO function has assigned a coordinator subsystem.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMC202521I</td>
<td><strong>RUV Backup While Open - is active. &lt;ssid&gt;</strong></td>
<td>This message is issued when the BWO function has completed initialization.</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> This message is issued when the BWO function has completed initialization.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMC202522E</td>
<td><strong>RUV Backup While Open - Could not use SVC &lt;hex svc number1&gt;. Had to use &lt;hex svc number2&gt; instead. &lt;ssid&gt;</strong></td>
<td>This message is issued when the BWO function could not use the previously assigned SVC number. BWO displays in hexadecimal the new SVC number.</td>
<td>None.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> This message is issued when the BWO function could not use the previously assigned SVC number. BWO displays in hexadecimal the new SVC number.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMC202523E</td>
<td><strong>RUV Backup While Open - RC(&lt;returncode&gt;), RS(&lt;reasoncode&gt;).</strong></td>
<td>This message displays the return code and reason code which were produced by the BMC202519E message failure. The RACF reason and return code given back to BWO show why the request failed.</td>
<td>Contact the site security coordinator and request that the RACF profile to be updated appropriately for the desired system.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> This message displays the return code and reason code which were produced by the BMC202519E message failure. The RACF reason and return code given back to BWO show why the request failed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMC202524R</td>
<td><strong>RUV Backup While Open - Reply U to install SVC &lt;svcnumber&gt;.</strong></td>
<td>While attempting to install the BWO function SVC, the function displays on the operator console the hexadecimal number of the SVC that it is going to install. This SVC number is less than 190 so its use must be verified via the response to this prompt.</td>
<td>The operator should reply U to the message so that the BWO function can install its required SVC.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> While attempting to install the BWO function SVC, the function displays on the operator console the hexadecimal number of the SVC that it is going to install. This SVC number is less than 190 so its use must be verified via the response to this prompt.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMC202525E</td>
<td><strong>RUV Backup While Open - Subsystem error code 0100.</strong></td>
<td>The SWAREQ function call was unable to locate the SIOT or encounter a DDName error. An unrecoverable error has occurred. A user abend U391 with reason code X201 will follow.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> The SWAREQ function call was unable to locate the SIOT or encounter a DDName error. An unrecoverable error has occurred. A user abend U391 with reason code X201 will follow.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td>Explanation</td>
<td>User Response</td>
</tr>
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<td>-------------------------------------------------------------------------------------------------</td>
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<td>-------------------------------</td>
</tr>
</tbody>
</table>
| BMC202526 | **RUV Backup While Open - `< ssid >` is active and BWO coordinator.**                          | *Explanation:* The BWO function has finished initialization on this subsystem and is active and is the BWO coordinator for this system.  
*User Response:* None. This message is informational only.  |                                |
| BMC202527 | **RUV Backup While Open - BWO is active. `< ssid >`**                                          | *Explanation:* The BWO function has finished initialization on this subsystem and is active.  
*User Response:* None. This message is informational only.  |                                |
| BMC202528 | **RUV Backup While Open - No available SVC slot. `< ssid >`**                                  | *Explanation:* While attempting to install the BWO function SVC, the subsystem could not find an unused SVC slot. BWO initialization terminates with user abend U391 with reason code X512.  
*User Response:* Contact Technical Support.  |                                |
| BMC202529 | **RUV Backup While Open - Subsystem error code 0101.**                                          | *Explanation:* The SWAREQ function call was unable to locate the SIOT or encountered a DDName error. An unrecoverable error has occurred. A user abend U391 with reason code X202 will follow.  
*User Response:* Contact Technical Support.  |                                |
| BMC202530 | **RUV Backup While Open - SVC update failure RC(< returncode >). `< ssid >`**                  | *Explanation:* The only available SVC number that was found unused was below 140. BWO will not attempt to install its SVC. User abend U391 with reason code X513 will follow.  
*User Response:* Contact Technical Support.  |                                |
| BMC202531 | **RUV Backup While Open - Subsystem error code 0102.**                                          | *Explanation:* The Data Extended Block (DEB) already contained an address for the Appendage VectorTable (AVT). An unrecoverable error has occurred. A user abend U391 with reason code X203 will follow.  
*User Response:* Contact Technical Support.  |                                |
| BMC202532 | **RUV Backup While Open - SVC `< svcnumber >` not installed. `< ssid >`**                      | *Explanation:* The operator did not reply U as the response to the BMC202524R message. The SVC is not installed. User abend U391 with reason code X514 will follow.  
*User Response:* Contact Technical Support.  |                                |
BMC202533E RUV Backup While Open - Subsystem error code 0103.

    Explanation: The SWAREQ was not available and an unrecoverable error has occurred. A user abend U391 with reason code X204 will follow.

    User Response: Contact Technical Support.

BMC202534E RUV Backup While Open - Subsystem error code 0105.

    Explanation: The owner or requestor queue element could not be found during the close processing. An unrecoverable error has occurred. A user abend U391 with reason code X206 will follow.

    User Response: Contact Technical Support.

BMC202535I RUV Backup While Open - installing SVC <svcnr>. <ssid>

    Explanation: This diagnostic message displays the hexadecimal SVC number that it is using for the BWO SVC.

    User Response: None. This message is informational only.

BMC202536E RUV Backup While Open - SVC update failure RC(<rc>). <ssid>

    Explanation: While attempting to install BWO function SVC, the SVCUPDAT macro returned a nonzero returned code. Initialization terminates with user abend U391 with reason code X516.

    User Response: None.

BMC202537E RUV Backup While Open - Subsystem error code 0104.

    Explanation: During the close processing, no current AVT was found. An unrecoverable error has occurred. A user abend U391 with reason code X205 will follow.

    User Response: Contact Technical Support.

BMC202537I RUV Backup While Open - No SVC support requested. <ssid>

    Explanation: The user requested BWOSVC=NONE; consequently, the BWO SVC will not be installed by this subsystem.

    User Response: None. This message is informational only.

BMC202538E RUV All security information could not be found.

    Explanation: While attempting to establish the environment necessary to create a second address space, RUV could not find all the required security information. A system dump is produced for diagnostic purposes.

    User Response: Contact Technical Support.
BMC202539I  RUV Backup While Open - Installed SVC (<SVC number>). <ssid>

Explanation: BWO will display the SVC number that it installed as its SVC.
User Response: None. This message is informational only.

BMC202540E  RUV Backup While Open - Not able to install hook. PCSVT= (<csvt>) PIBRE= (<ibre>) VIBRE= (<ibre2>). <ssid>

Explanation: BWO was unable to install its subsystem hooks into its SSVT. This is an internal logic error. Several addresses will be displayed.
User Response: Contact Technical Support.

BMC202541E  RUV Backup While Open - Not able to install hook. PCSVT= (<csvt>) PIOCE= (<ioce>) VIOCE= (<ioce2>). <ssid>

Explanation: BWO was unable to install its subsystem hooks into its SSVT. This is an internal logic error. Several addresses will be displayed.
User Response: Contact Technical Support.

BMC202542E  RUV Backup While Open - Abending due to previous error. <ssid>

Explanation: An unacceptable error has occurred. BWO initialization terminates with user abend U391 with reason code X999.
User Response: Contact Technical Support.

BMC202543E  RUV Security environment could not be created.

Explanation: While attempting to establish the environment necessary to create a second address space, RUV could not create the required security environment for the user. A system dump is produced for diagnostic purposes.
User Response: Contact Technical Support.

BMC202544I  RUV Address space cleanup was performed.

Explanation: Address space cleanup was called and has finished for the second RUV address space.
User Response: None. This message is informational only.

BMC202545E  RUV Function code is zero.

Explanation: For the named token services processing, the valid functions that can be performed are CREATE, RETRIEVE, and DELETE. The request function was zero, which does not properly identify any of these valid functions. A system dump will be produced for diagnostic purposes.
BMC202546E  RUV Function call out of range.

Explanation: For the named token services processing, the valid functions that can be performed are CREATE, RETRIEVE, and DELETE. The request function did not identify any of these valid functions. A system dump will be produced for diagnostic purposes.

User Response: Contact Technical Support.

BMC202547E  RUV <tablecontrol> AAS- Critical table version mismatch.

Explanation: While creating a secondary address space, RUV has determined that a control table mismatch has occurred. This is a critical and unrecoverable error. A system dump will be produced for diagnostic purposes.

User Response: Contact Technical Support.

BMC202548E  RUV <tablecontrol> AAS- Cannot find correct area.

Explanation: While creating a secondary address space, RUV has determined that it cannot find required control areas. This is a critical and unrecoverable error. A system dump will be produced for diagnostic purposes.

User Response: Contact Technical Support.

BMC202549E  RUV RUVZASCI pointer failure.

Explanation: An unrecoverable error was encountered while RUV was creating a secondary address space. If RUV has determined that it cannot find a required security area, a user abend 391 with reason code X001 will follow. If RUV has determined that it cannot validate the passed control block structure, a user abend 391 with reason code X002 will follow.

User Response: Contact Technical Support.

BMC202550E  RUV RUVZASCI table version mismatch.

Explanation: While creating a secondary address space, RUV has determined that a control table mismatch has occurred. This is a critical and unrecoverable error. A user abend 391 with reason code X003 will follow.

User Response: Contact Technical Support.

BMC202552E  RUV Load failed for utility <program name>. RC(<returncode>) RS(<reasoncode>).

Explanation: A load was issued for a user requested utility program. The requested utility program could not be located by a system load function. The failure reason and return codes are displayed.

User Response: Take the appropriate steps to make the required utility available to the program.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
<th>Explanation</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202553E</td>
<td>RUV RUVZASCI - Dynalloc failed. <strong>&lt;action&gt; DDName: &lt;ddname&gt; DSName: &lt;dsname&gt;.</strong></td>
<td>While creating a secondary address space, RUV could not successfully allocate the files in the STEPLIB concatenation.</td>
<td>Verify that the files identified in the STEPLIB concatenation exist. Then attempt the process again.</td>
</tr>
<tr>
<td>BMC202561W</td>
<td>RUV No backup was found for VSAM DSN: <strong>&lt;data set name&gt;.</strong></td>
<td>A suitable QSAM or VSAM backup could not be located.</td>
<td>Insure that the VSAM file has active backups.</td>
</tr>
<tr>
<td>BMC202562E</td>
<td>RUV Error in DSName lookup for Key <strong>&lt;key&gt;.</strong></td>
<td>The RUV AMA routine could not locate the selected load library number <strong>&lt;key&gt;.</strong> There is possible storage corruption.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202563E</td>
<td>RUV Error in internal lookup for key <strong>&lt;key&gt;.</strong></td>
<td>An internal table lookup could not locate the selected internal key.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202564E</td>
<td>RUV Error in external lookup for key <strong>&lt;key&gt;.</strong></td>
<td>The RUV AMA routine could not locate the selected external key. There is a possible storage corruption.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202565E</td>
<td>RUV Backup While Open - In Estae iNITe000. <strong>&lt;ssid&gt;</strong></td>
<td>Estae processing in progress.</td>
<td>None.</td>
</tr>
<tr>
<td>BMC202567I</td>
<td>RUV RPSTRY OK</td>
<td>Everything is working.</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td>BMC202599E</td>
<td>RUV Schedule of command into subsystem <strong>&lt;ssid&gt; by &lt;userid&gt; failed, RC(&lt;returncode&gt;).</strong></td>
<td>A command could not be scheduled into the specified subsystem. The error code is displayed.</td>
<td>Contact Technical Support.</td>
</tr>
</tbody>
</table>
BMC202600–BMC202699 Messages

This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202600 to BMC202699. Many of these messages are related to security facility processing.

**BMC202600E**  
RUV A list of data set names could not be obtained for the specified VSAM GROUP `<vsamgroupname>`.

*Explanation:* The attempt to generate the list of data set names that are associated with the specified VSAM group failed.

*User Response:* Modify the input command by specifying another VSAM group that contains members that are valid files. Or, use the ADD VSAM FILE command to update the repository with VSAM file records for all files in this VSAM group. Resubmit the job.

**BMC202601E**  
RUV A severe error has been detected during product authorization analysis.

*Explanation:* Security Facility internal structure has been damaged.

*User Response:* Contact Technical Support as directed by the next message.

**BMC202602E**  
RUV A severe error has been detected during product authorization analysis.

*Explanation:* The task is being terminated because one or more error(s) detected.

*User Response:* Refer to the previous message(s) for action(s).

**BMC202603E**  
RUV A severe error has been detected during product authorization analysis.

*Explanation:* Security Facility Internal structure has been damaged.

*User Response:* Contact Technical Support as directed by the next message.

**BMC202604E**  
RUV A severe error has been detected during product authorization analysis.

*Explanation:* Security Facility Internal structure has been damaged.

*User Response:* Contact Technical Support as directed by the next message.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
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</thead>
</table>
| BMC202605E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202606E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202607E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202608E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202609E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202610E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202611E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202612E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
| BMC202613E | **RUV A severe error has been detected during product authorization analysis.**  
Explaination: Security Facility Internal structure has been damaged.  
User Response: Contact Technical Support as directed by the next message. |
BMC202614E RUV A severe error has been detected during product authorization analysis.

Explanation: Security Facility Internal structure has been damaged.
User Response: Contact Technical Support as directed by the next message.

BMC202615E RUV A severe error has been detected during product authorization analysis.

Explanation: Security Facility Internal structure has been damaged.
User Response: Contact Technical Support as directed by the next message.

BMC202616E RUV The password has not been installed for <productname>.

Explanation: The customer has not installed the product password.
User Response: Follow the instructions in the product installation and customization guide to perform this process.

BMC202617E RUV A severe error has been detected during product authorization analysis.

Explanation: Security Facility Internal structure has been damaged.
User Response: Contact Technical Support as directed by the next message.

BMC202618W RUV <productname> trial period will expire in <daycount> days.

Explanation: The end date of the product trial period is approaching.
User Response: Contact Technical Support as directed by the next message.

BMC202619E RUV <productname> trial period has expired.

Explanation: The product trial period is complete.
User Response: Contact Technical Support as directed by the next message.

BMC202620E RUV A severe error has been detected during product authorization analysis.

Explanation: Security Facility Internal structure has been damaged.
User Response: Contact Technical Support as directed by the next message.

BMC202621E RUV <productname> has experienced a load library RACF error.

Explanation: The product load library is RACF protected against update for the active user.
User Response: Contact your site RACF administrator for assistance.

BMC202622E RUV A severe error has been detected during product authorization analysis.

Explanation: Security Facility Internal structure has been damaged.
User Response: Contact Technical Support as directed by the next message.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
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<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202623E</td>
<td>RUV <code>&lt;productname&gt;</code> grace period has expired.</td>
<td>Explanation: The product grace period is over.</td>
<td>User Response: Contact Technical Support as directed by the next message.</td>
</tr>
<tr>
<td>BMC202624E</td>
<td>RUV A severe error has been detected during product authorization analysis.</td>
<td>Explanation: Security Facility Internal structure has been damaged.</td>
<td>User Response: Contact Technical Support as directed by the next message.</td>
</tr>
<tr>
<td>BMC202625I</td>
<td>RUV Please contact your <code>&lt;productname&gt;</code> sales representative.</td>
<td>Explanation: Relate the information from the previous messages to your sales representative.</td>
<td>User Response: Contact your sales representative.</td>
</tr>
<tr>
<td>BMC202626I</td>
<td>RUV Please contact your <code>&lt;productname&gt;</code> support representative.</td>
<td>Explanation: Relate the information from the previous message(s) to your representative to help with problem resolution.</td>
<td>User Response: Contact your support representative.</td>
</tr>
<tr>
<td>BMC202627I</td>
<td>RUV Please contact Contracts for a password to reset your grace period.</td>
<td>Explanation: The product grace period needs to be reset due to a prior security violation.</td>
<td>User Response: Contact the contract department for password information.</td>
</tr>
<tr>
<td>BMC202628W</td>
<td>RUV <code>&lt;productname&gt;</code> grace period will expire in <code>&lt;daycount&gt;</code> days.</td>
<td>Explanation: The end of the product grace period is approaching</td>
<td>User Response: Contact the contract department as directed by the next message.</td>
</tr>
<tr>
<td>BMC202629E</td>
<td>RUV <code>&lt;productname&gt;</code> license period has expired.</td>
<td>Explanation: The permanent license agreement needs to be renewed for continued use of the product.</td>
<td>User Response: Contact the contract department as directed by the next message.</td>
</tr>
<tr>
<td>BMC202630E</td>
<td>RUV <code>&lt;productname&gt;</code> is attempting to run on an unlicensed CPU.</td>
<td>Explanation: The processor is not currently licensed for the product.</td>
<td>User Response: Contact the contract department as directed by the next message.</td>
</tr>
</tbody>
</table>
**BMC202631E**  
**RUV** `<productname>` has detected more internal CPUs than are covered by your license agreement.

*Explanation:* There are more internal CPUs on the licensed processor than are covered by your license agreement.

*User Response:* Contact the contract department as directed by the next message.

**BMC202632W**  
**RUV Statistics internal error** RC(<`returncode`>) RS(<`reasoncode`>).

*Explanation:* There was an internal error in the statistics routine.

*User Response:* The input record is rejected. Contact Technical Support.

**BMC202633W**  
**RUV Statistics internal process error, input data record dropped.**

*Explanation:* The statistics process had an internal error. The record causing this error was not retained.

*User Response:* Check for a following error message, and act on that error.

**BMC202634W**  
**RUV VSAM DSName** `<dsname>` does not exist.

*Explanation:* The VSAM file named in the request was not found in the repository but backups exist.

*User Response:* If the VSAM file was inadvertently deleted, run an ADD VSAM_FILE command to correct the problem. Otherwise, manually delete obsolete backups.

**BMC202635E**  
**RUV Schedule** `<schedulename>` was in use by another job.

*Explanation:* Job failed due to being in use.

*User Response:* Rerun job after the other job has completed.

**BMC202636E**  
**RUV The DSName** `<data set name>` contains invalid syntax.

*Explanation:* The indicated data set name was generated by RUV variable substitution. Variables are supplied through model statements.

*User Response:* Verify that the model and the variables are correct. Update the model as needed to correct the invalid data set name. Then resubmit the job.

**BMC202637E**  
**RUV No VSAM File or Active Backup found for** `<data set name>`.

*Explanation:* RUV found no VSAM file to recover and no active backup for the indicated data set name.

*User Response:* Recover the data set before Recovery.
BMC202638E  RUV <text>

Explanation: The task received the indicated error.
User Response: Correct the problem and resubmit the job.

BMC202639E  RUV Backup record for DSName <data set name> was not found during recovery process.

Explanation: The backup entry is not found.
User Response: Contact Product Support.

BMC202640E  RUV Internal parameter error encountered in the backup selection process during a recovery.

Explanation: This error is a select parameter error.
User Response: Contact Product Support.

BMC202641E  RUV <dsname>: Data set is not KSDS.

Explanation: Only KSDS files can be snapped.
User Response: Do not try to snap this data set.

BMC202642E  RUV <dsname>: Data set is not VSAM.

Explanation: Only VSAM files can be snapped.
User Response: Do not try to snap this data set.

BMC202643E  RUV had a VSAM file OPEN failure on DSName <dsname>, RC <returncode>, RS <reasoncode>.

Explanation: The job attempted to open the VSAM file and received an error. Determine cause of the failure.
User Response: Fix the VSAM problem and resubmit.

BMC202644I  RUV automatically submitted JCL (<jobid>) to backup the VSAM file.

Explanation: The JOB JCL was automatically submitted to z/OS. The z/OS JOBID is listed.
User Response: None. This message is informational only.

BMC202645E  RUV was unable to <actioncode> the JCL associated with this SNAPSHOT.

Explanation: Review the data set characteristics where the JCL is to be stored and make sure the data set is a PDS or determine why the job cannot be submitted via JES.
User Response: Contact Technical Support.
BMC202646E  RUV RUV repository record <itm> failure.

_Explanation:_ Job is canceled.

_User Response:_ Contact Technical Support.

BMC202647E  RUV Unable to update RUV repository.

_Explanation:_ Job is canceled.

_User Response:_ Correct following error messages.

BMC202648E  RUV Unable to update RUV repository.

_Explanation:_ Job is canceled.

_User Response:_ Correct problems with the repository and submit the job again.

BMC202649E  RUV JOB_JCL is required with INTERNAL_READER.

_Explanation:_ JOB_JCL is required if INTERNAL_READER is specified.

_User Response:_ Add JOB_JCL or remove INTERNAL_READER and submit the job again.

BMC202650E  RUV <dsname>: Status not returned from XBM.

_Explanation:_ Job canceled due to lack of status returned from XBM.

_User Response:_ Contact Technical Support.

BMC202651E  RUV DSName <dsname>: unable to get catalog information.

_Explanation:_ Job failed due to internal catalog error.

_User Response:_ Contact Technical Support.

BMC202652E  RUV Schedule <schedulename> was unable to get enqueue.

_Explanation:_ Job failed due to enqueue error.

_User Response:_ Contact Product Support.

BMC202653E  RUV Schedule <schedule> had an error; RC(<returncode>), RS(<reasoncode>).

_Explanation:_ OSCD failed.

_User Response:_ Contact Technical Support.

BMC202654E  RUV SNAPSHOT error on DSName <dsname>

_Explanation:_ This data set had a SNAPSHOT failure. The error message follows.

_User Response:_ Correct the problem and resubmit the job
<table>
<thead>
<tr>
<th>Code</th>
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<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC202655E</td>
<td>RUV DSName &lt;dsname&gt; Error:</td>
<td>Explanation: SNAPSHOT processing failed as per the referenced message.</td>
<td>User Response: Correct the problem and resubmit the job.</td>
</tr>
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<tr>
<td>BMC202656I</td>
<td>RUV The JOB_JCL will be placed in member &lt;member&gt; of DSName &lt;dsname&gt;.</td>
<td>Explanation: RUV will place the JOB_JCL in the specified data set and member.</td>
<td>User Response: None. This message is informational only.</td>
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<tr>
<td>BMC202657E</td>
<td>RUV Storing of JOB_JCL will fail because the PDS does not exist. PDS name is &lt;dsname&gt;.</td>
<td>Explanation: RUV was unable to locate the specified PDS.</td>
<td>User Response: Allocate and catalog the PDS. Run the job again.</td>
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<tr>
<td>BMC202658E</td>
<td>RUV Automatic submission of BACKUP SCHEDULE failed.</td>
<td>Explanation: RUV was unable to submit the BACKUP SCHEDULE. Examine the</td>
<td>User Response: Run the job again.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>following JCL to determine problem.</td>
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<tr>
<td>BMC202659E</td>
<td>RUV Backup failed for &lt;vsamgroup&gt; - No data sets were selected for backup.</td>
<td>Explanation: The Backup process is canceled.</td>
<td>User Response: Correct problems with the associated VSAM Group.</td>
</tr>
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</tr>
<tr>
<td>BMC202660E</td>
<td>RUV Backup schedule failed for &lt;schedule&gt;; attempt backup on system &lt;smfid&gt;.</td>
<td>Explanation: The Backup process for any schedule record must be executed on</td>
<td>User Response: Perform the Backup process on the indicated system.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>the same system on which the XBM snapshot was taken.</td>
<td></td>
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</tr>
<tr>
<td>BMC202661E</td>
<td>RUV Schedule &lt;schedule&gt; Repository add error.</td>
<td>Explanation: Unable to add repository record.</td>
<td>User Response: Check your repository.</td>
</tr>
<tr>
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<tr>
<td>Message Code</td>
<td>Message Description</td>
<td>Explanation</td>
<td>User Response</td>
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<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>BMC202663E</td>
<td>RUV OXBM construct internal error for <code>&lt;schedule&gt;</code>.</td>
<td>OXBM failed to construct correctly.</td>
<td>Contact Technical Support.</td>
</tr>
<tr>
<td>BMC202664I</td>
<td>RUV XBM delete for schedule <code>&lt;schedule&gt;</code> completed successfully.</td>
<td>In addition, the repository schedule record was successfully deleted.</td>
<td>None. This message is informational only.</td>
</tr>
<tr>
<td>BMC202665E</td>
<td>RUV Delete for schedule <code>&lt;schedule&gt;</code> failed.</td>
<td>The XBM delete process failed for the schedule record.</td>
<td>Use the force option to unconditionally remove the schedule record from the repository. Refer to the XBM snapshot manuals to determine the actions required to eliminate the XBM error</td>
</tr>
<tr>
<td>BMC202666E</td>
<td>RUV Delete for schedule <code>&lt;schedule&gt;</code> cancelled.</td>
<td>The XBM delete process failed for a schedule record.</td>
<td>Executing the delete command with the force option may unconditionally remove the repository schedule record. Refer to the XBM snapshot manuals to determine the actions required to eliminate the XBM error</td>
</tr>
<tr>
<td>BMC202667W</td>
<td>RUV XBM failure encountered but force was requested; schedule <code>&lt;schedule&gt;</code> deleted.</td>
<td>The XBM delete process failed for a schedule record. The force option was specified so the repository schedule record was deleted.</td>
<td>Refer to the XBM snapshot manuals to determine the actions required to eliminate the XBM error. Recycling the XBM system may be required to complete the cancel process.</td>
</tr>
<tr>
<td>BMC202668E</td>
<td>RUV Delete schedule failed for <code>&lt;schedule&gt;</code>; attempt delete on system <code>&lt;smfid&gt;</code>.</td>
<td>The delete process for any schedule record must be executed on the same system on which the XBM snapshot was taken.</td>
<td>Perform the delete process on the indicated system. Or use the delete force option which will ignore the XBM error and remove the schedule record from the RUV repository. If the force option is used, refer to the XBM snapshot manuals to determine the actions required to eliminate the XBM error.</td>
</tr>
</tbody>
</table>
**BMC202669I** RUV The following JCL statements would have been submitted or saved.

Explanation: **INVENTORY ONLY** **These JCL statements would have been submitted to JES or saved in a PDS if INVENTORY ONLY had not been specified.**

User Response: None. This message is informational only.

**BMC202670I** RUV <text>

Explanation: **INVENTORY ONLY** **These JCL statements would have been submitted to JES or saved in a PDS if INVENTORY ONLY had not been specified.**

User Response: None. This message is informational only.

**BMC202671E** RUV Record too large for ACCUM or recovery

Explanation: A record larger than 32,760 bytes was detected. RUV backs up and restores records up to 65,531 bytes, but RUV does not recover or accumulate records greater than 32,760 bytes.

User Response: Remove the data set and rerun the job.

**BMC202672I** RUV DSName <dsname> excluded by rule.

Explanation: An activated ruleset contained a rule that resulted in the exclusion of this data set at execution time.

User Response: Activate a rule set that does not exclude this data set from processing. Resubmit the job.

**BMC202673I** RUV DSName <dsname> excluded because no VSAM file repository record was found.

Explanation: VSAM Group processing requires a VSAM file repository record for each DSName being processed. The associated VSAM file repository record was not found.

User Response: Update the repository by creating a VSAM file repository record for the data set. Resubmit the job.

**BMC202674I** RUV DSName <dsname> excluded because its VSAM repository record did not contain an IDSN item.

Explanation: VSAM Group processing requires a VSAM repository record for each DSName being processed. The associated VSAM repository record did not contain data set name information.

User Response: Update the repository by deleting the existing VSAM repository record for this DSName. Create a new VSAM repository record for this DSName and resubmit the job.
BMC202675I RUV DSName <dsname> excluded because it was a path and only base data sets are used.

Explanation: VSAM Group processing does not support path data sets. Only base data sets are processed.

User Response: Modify the job to use base data sets only. Resubmit the job.

BMC202676E RUV text

Explanation: The following text can be issued for this message:

- Error loading module <modulename>, RC(<returncode>), RS(<reasoncode>).

This message text indicates that the indicated RUV snapshot module could not be loaded by the RUV XBM support code. XBM support is not functional. To correct the problem, ensure that the STEPLIB for the step being executed contains a DD statement pointing to the load library containing this module.

- VSAM_FILE_MASK requires one pair of masks. One input and one output mask must be specified.

This message text informs you that the VSAM_FILE_MASK keyword requires exactly two masks to be specified. Multiple VSAM_FILE_MASK keywords may be specified. Correct the specification and resubmit

User Response: The response depends on the message text, as indicated in the explanation.

BMC202677I RUV SNAPSHOT No message available.

Explanation: SNAPSHOT GETL_MESSAGE issued and no message was available.

User Response: Contact Technical Support.

BMC202678E RUV Schedule <schedule> not deleted due to XBM snapshot construct failure; RC(<returncode>), RS(<reasoncode>).

Explanation: The XBM snapshot delete process failed during the delete of the RUV repository schedule record. The XBM snapshot environment could not be successfully established.

User Response: Ensure that the XBM snapshot libraries are available and are listed in the STEPLIB concatenation. Ensure that the XBM subsystem is active and rerun the job.
**BMC202679E** RUV XBM delete failed for `<modulename>` in `<schedule>`; RC(<returncode>), RS(<reasoncode>).

*Explanation:* The XBM snapshot delete process failed during the delete of the RUV repository schedule record. If the FORCE option was specified on the delete command, the schedule record was removed from the RUV repository. If the FORCE option was not specified on the delete command, the RUV repository schedule record was updated to reflect the current status of each file as being deleted or failed.

*User Response:* Use the FORCE option on the delete schedule command to disregard the XBM snapshot errors and remove the RUV repository record. Otherwise, correct the XBM error and rerun the job.

**BMC202680E** RUV BACKUP_METHOD does not allow SNAPSHOT Backups.

*Explanation:* RUV is attempting to perform a Snapshot backup, but the BACKUP_METHOD keyword is set to disable Snapshot backups. In addition, the Snapshot backup method requires an active XBM subsystem to be named.

*User Response:* Specify the SNAPSHOT value for the BACKUP_METHOD keyword on the SET or SET DEFAULT command, or do not attempt to perform a Snapshot backup.

**BMC202681I** RUV XBM IS UP AND READY FOR ACTION

*Explanation:* XBM constructed without errors

*User Response:* None. This message is informational only.

**BMC202682E** RUV `<vsamgroup>` has a prior SNAPSHOT backup in progress.

*Explanation:* Only one SNAPSHOT per VSAM GROUP may be in progress.

*User Response:* Resolve the prior SNAPSHOT by running either BACKUP or DELETE SCHEDULE(<vsamgroup>), then a new SNAPSHOT may be taken.

**BMC202683E** RUV INTERNAL_READER is required with JOB_JCL.

*Explanation:* INTERNAL_READER is required if JOB_JCL is specified.

*User Response:* Add INTERNAL_READER or remove JOB_JCL and submit the job again.
BMC202684E  RUV Could not expand sphere information during report processing for schedule <schedule>.

Explanation: During the schedule report process, a sphere could not be properly processed. No base data set name could be obtained for the data set in error. At least one data set name will be excluded from the schedule report.

User Response: Verify that all the data sets included in the VSAM group are valid data sets. Modify the backup schedule to reference valid data sets. This may require deleting the schedule record and recreating it by executing the BACKUP command again. Once the repository backup schedule record is updated, rerun the schedule report job.

BMC202685E  RUV SNAPSHOT Internal Failure (codename) Return=<returncode>
Reason=<reasoncode>

Explanation: SNAPSHOT was unable to initialize properly.

User Response: Contact Technical Support.

BMC202686E  RUV VSAM_GROUP and / or VSAM_FILE required.

Explanation: VSAM_GROUP or VSAM_file was not found, request terminated.

User Response: Add the required parameter and resubmit job.

BMC202687W  RUV Unable to locate <model type> <model data set name>. Using the default <default model data set name> model instead.

Explanation: The specified model was not found. The default model will be used instead.

User Response: None

BMC202688W  RUV Internal error encountered during list processing for VSAM set <vsam_set_name>.

Explanation: A severe error was encountered during the building of the ruleset for a VSAM group in the specified VSAM set. The activation of the ruleset containing the specified VSAM group failed.

User Response: Attempt the activation of the ruleset again. If the problem persists, contact Technical Support.

BMC202689W  RUV The VSAM group <vsam_group_name> is not defined in the repository.

Explanation: During the rule set processing, the referenced VSAM group was not found in the repository. No data sets will be selected for this VSAM group.

User Response: Define the VSAM group referenced in the specified VSAM set. Or, modify the VSAM set to reference an existing VSAM group. Once the modifications are made to the repository, activate the ruleset again.
**BMC202690W**  
RUU No DSNames were selected during processing for VSAM set `<vsam_set_name>`.  

*Explanation:* During the rule set processing, all VSAM groups are undefined and resolved to no DSNames. This caused no DSName to be selected during the activate ruleset processing. No journaling will occur for this ruleset.  

*User Response:* Define the VSAM group referenced in the specified VSAM set. Or, modify the VSAM set to reference an existing VSAM group. Once the modifications are made to the repository, activate the ruleset again.

**BMC202691E**  
RUU The output DSName `<dsname>` already exists. Backup cancelled.  

*Explanation:* When doing VSAM group backups, the output data set must not exist prior to the backup being started.  

*User Response:* Delete the output data set. Or, modify the output model to reference a non-existent data set. Once the appropriate changes are made to the repository, resubmit the backup job.

**BMC202692E**  
RUU Catalog error for DSName `<dsname>`. RC(<returncode>).  

*Explanation:* The specified data set was not cataloged due to errors.  

*User Response:* Record the error code and contact Technical Support.

**BMC202693E**  
RUU Unable to dynamically allocate `<backupdsname>` for output. Backup for `<dsname>` cancelled.  

*Explanation:* The specified data set was not backed up due to errors.  

*User Response:* Verify that the output model in the repository is valid. Verify that the user variables referenced in the output model exist in the repository and are valid. Once the appropriate changes are made to the repository, resubmit the job.

**BMC202694I**  
RUU DSName: `<dsname>` had not been changed, thus was not backed up.  

*Explanation:* The data set was not backed up because it was not modified and the BACKUP_CHANGED_ONLY option was specified.  

*User Response:* To backup the data set, specify BACKUP_CHANGED_ONLY(NO) on the backup statement. Then resubmit the backup job.
BMC202695E  RUV The variable substitution process failed for the output model <output_model_name>.

Explanation: User variable substitution failed during the resolve data set name processing for the specified output model name.

User Response: Verify that the output model in the repository is valid. Verify that the user variables referenced in the output model exist in the repository and are valid. Once the appropriate changes are made to the repository, resubmit the job.

BMC202696E  RUV During output model processing, the output DSName could not be generated.

Explanation: During output model processing, the unique three character low level qualifier could not be successfully generated for the output data set name.

User Response: Contact Technical Support.

BMC202697E  RUV No output model name was specified.

Explanation: No output model name was available during output data set name processing.

User Response: Contact Technical Support.

BMC202698E  RUV <model_type> <model_name> and $DEFAULT were not found.

Explanation: The specified model definition was not found in the repository.

User Response: Verify that the model name was spelled correctly. You can run a REPORT command to display the valid model names.
This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202700 to BMC202799. Most of these messages are related to backup, restore, and recovery processing.

**BMC202700I RUV Name changed from `<dsname1>` to `<dsname2>`.

*Explanation:* The name `dsname1` from the input archive was modified to the name `dsname2` on the ARCHIVE ACCUM out.

*User Response:* None. This message is informational only.

**BMC202701E RUV DSName `<dsname>` backup failed. Backup Subsystem partner CICS address space is no longer active.

*Explanation:* A backup using the Backup Subsystem was prematurely terminated because the CICS address space participating in the backup was shut down.

*User Response:* To copy this file, resubmit the backup when the file-owning CICS address space becomes available, or submit the backup job when the file is not opened for update processing by another job.

**BMC202702E RUV DSName `<dsname>` file out of sequence.

*Explanation:* The indicated DDName backup data set is not in key sequence or a sorted journal data set is not fileid, key, and date-time sequence.

*User Response:* Repeat the data set backup if DDName is a RECOVERY PLUS for CICS/VSAM backup. If DDName is JRNLWK, check if there was a system sort utility error during journal collection.
BMC202703E RUV DSName <dsname> data set organization is not acceptable for a PREFIX(NO) backup.

Explanation: The PREFIX(NO) recovery utility backup option provides an IDCAMS-like backup and is supported for VSAM KSDS data sets only. PREFIX(YES) must be specified or allowed to default for all other data set organizations.

User Response: Specify PREFIX(YES) or allow it to default.

BMC202704I RUV <number> DSName <dsname> backup records were inserted by user exit.

Explanation: During a backup function, nnn master file record images were created by a user exit program and passed to the recovery utility for inclusion in the backup data set.

User Response: None. This message is informational only.

BMC202705I RUV <number> DSName <dsname> backup records were deleted by user exit.

Explanation: During a backup function, nnn master file record images were eliminated from recovery utility processing by a user exit program.

User Response: None. This message is informational only.

BMC202706I RUV <number> DSName <dsname> master records were unloaded.

Explanation: The backup function copied NNN master file records to the backup data set.

User Response: None. This message is informational only.


Explanation: The journal being processed contains journal records for DSName dsname; however, DDName for that file was included. The recovery utility could not back up the DSName.

User Response: To perform the function, include a DD statement for the file DSName.

BMC202708E RUV DDName <ddname> DD statement omitted. Unable to perform <functionid> for DSName <dsname>.

Explanation: An explicit request to back up a file abnormally terminated because the required DD statement is missing.

User Response: Include a DD statement for the identified DSName and resubmit.
BMC202709E  RUV Unable to open backup file. Process failed for DSName <dsname>.

Explanation: The processing for DSName dsname failed because the recovery utility was unable to open the backup file data set. This message will be accompanied by other messages detailing the nature of the error and recommended actions.

User Response: Consult these messages before contacting Software Technical Support.

BMC202710W  RUV Unable to open DSName <dsname>. Processing bypassed.

Explanation: A Backup function for file DSName dsname was bypassed because the backup file data set could not be opened.

User Response: This message will be accompanied by other messages detailing the nature of the error and recommended actions. Consult these messages before contacting Technical Support.

BMC202711E  RUV Unable to open master file. Process failed for DSName <dsname>.

Explanation: A Backup function request to back up DSName has failed because the OPEN for the master DD statement was unsuccessful.

User Response: Include a DD statement for the master file.

BMC202712W  RUV Unable to open master file. Process bypassed for DSName <dsname>.

Explanation: A request to back up DSName dsname was bypassed because the OPEN for the input DD statement failed.

User Response: Add the appropriate file name for the function that is being requested. Verify that the listcat information for the master file is correct. Verify that the appropriate file is being use for the request.

BMC202713E  RUV DSName <dsname> Data Set Organization <dsorg> not supported by the <function> function.

Explanation: A function function was requested for file DSName dsname but the data set organization DSORG is not VSAM or BDAM.

User Response: Do not attempt to process file organizations other than VSAM or BDAM with this product.

BMC202714E  RUV Unable to open VSAM master file. Processing bypassed for DSName <dsname>.

Explanation: The recovery utility attempted to open a VSAM data set, but was unable to.

User Response: Determine if the data set was in use by another program. If so, make the data set available and rerun the job.
**BMC202715E**  
**RUU DSName <dsname> keyed BDAM organization is not supported by the <function> utility.**

*Explanation:* The recovery utility supports the backup of BDAM data sets only if they do not use keys. The requested function was rejected because the BDAM file associated with file DSName uses keys.

*User Response:* A utility other than RUV must be used to back up and recover the keyed BDAM data sets.

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**BMC202716W**  
**RUU DSName <dsname> backup performed while being updated by another address space.**

*Explanation:* The recovery utility Backup function was unable to obtain exclusive use of the VSAM data set associated with DSName because it was open to another address space. The operator replied GO to an operator query issued by the backup job.

*User Response:* Activate the Backup Subsystem for future attempts to back up files while they are open to CICS.

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**BMC202717I**  
**RUU Recoverability for the master file DSName <data set name> can not be ensured because it is a VSAM file that has SHAREOPTIONS (3|4) definition attribute.**

*Explanation:* While backing up a data set, RUV detected that it was defined with SHAREOPTIONS 3 or 4. Because the data set was dynamically allocated, recoverability can not be ensured.

*User Response:* This message can be ignored if you can ensure that no other users are updating the master file while the master file is being backed up.

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**BMC202718W**  
**RUU Compression subsystem maintenance required for compatibility.**

*Explanation:* DATA PACKER for VSAM is not at the maintenance level required for use with RUV.

*User Response:* Verify that DATA PACKER is at the maintenance level identified in the *Recovery Utility for VSAM User Guide*. If the version of DATA PACKER that is in use is at this level or higher, contact Technical Support.

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**BMC202719W**  
**RUU Could not load DPVRREGI; the compression subsystem is not available.**

*Explanation:* The DATA PACKER for VSAM registration module is not available. RUV is unable to determine whether the target data set is registered and whether the data can be expanded after the requested operation.

*User Response:* Verify that the DATA PACKER load library is available to RUV. Verify that the target data set is registered with DATA PACKER and that DATA PACKER services are available on the target system.
BMC202720E  RUV A severe error has occurred in the compression subsystem utility. RC(<returncode>) RS(<reasoncode>).

Explanation: The DATA PACKER for VSAM interface encountered a severe error and issued the return code and reason code displayed in the message.

User Response: Record the return code and reason code from the message and contact Technical Support.

BMC202721E  RUV A severe error has occurred in RUVZDPI. RC(<returncode>) RS(<reasoncode>).

Explanation: A severe error occurred in the module RUVZDPI.

User Response: Record the return code and reason code from the message and contact Technical Support.

BMC202722W  RUV Control Interval Backup Feature could not be invoked for DSName <dsname>.

Explanation: RUV attempted to invoke the Control Interval Backup Feature (CIBF) to back up the master file, but failed.

User Response: See the accompanying message.

BMC202723I  RUV Cannot obtain exclusive control of data set.

Explanation: A data set with SHAREOPTIONS 3 or 4 is being accessed by another address space. The Control Interval Backup Feature (CIBF) cannot tolerate updates to the data set while it is being backed up.

User Response: This message is informational only. The CIBF improves performance during a backup, but is not required for normal processing.

BMC202724E  RUV DSName <dsname> exclusive control conflict. Operator requested termination.

Explanation: A backup job was unable to obtain exclusive use of the VSAM data set associated with the backup file. The operator replied CANCEL to an operator query issued by the backup job to request immediate termination of the backup function.

User Response: Back up the file using the Backup Subsystem or back up the file when it is not open to CICS.

BMC202725E  RUV The registration of DSName <dsname> was not successful because it is not a prefixed file.

Explanation: When registering a backup, the specified DDN/DSN must be a file created by a prefixed RUV backup.

User Response: Specify an RUV backup file as input and rerun the job.
BMC202726E RUV DSName <dsname> backup failed. Backup through a VSAM path entry is not supported.

Explanation: RUV determined that an attempt was being made to backup a file through a path. Since the Restore function of RUV requires a back up through the base cluster, the backup requested is not usable and RUV will not perform the backup.

User Response: Change the Backup control statements and JCL to copy the base cluster associated with the master file.

BMC202727W RUV Could not load DPVCIEXP; the compression subsystem is not available.

Explanation: The DATA PACKER for VSAM expansion module is not available. You have coded a parameter on the Backup command requesting that DATA PACKER-compressed data be expanded during a backup using the Control Interval Backup Feature. The parameter will be ignored.

User Response: If you are a DATA PACKER customer, make sure the DATA PACKER load library is assessable to RUV.

BMC202728W RUV Backup will not be compressed because CIMODE(NO) has been specified.

Explanation: For the Backup function to maintain DATA PACKER for VSAM compression onto the backup copy, it must go through the RUV Control Interval Backup Feature, CIBF. The CIBF is controlled with the CIMODE keyword on the Backup control statement.

User Response: Verify that your control statements, CIMODE and DPV, are not conflicting.

BMC202729E RUV Record of <number> bytes on DSName <dsname> exceeds the maximum of <value>.

Explanation: RUV does not support the processing of records longer than the indicated maximum. A record on the master file is longer than the maximum and can not be processed.

User Response: Recreate the master file with a record length less than the maximum indicated in the message. Perform the RUV backup on the newly created file.

BMC202730I RUV Control Interval Backup Feature being invoked for DSName <dsname>.

Explanation: The Control Interval Backup Feature, CIBF, is being used to back up the master file. CIBF is controlled by including the CIMODE AUTO option in the Backup command. The CIBF successfully opened the data set.

User Response: This message is informational only.
BMC202731E  RUV Control Interval Backup Feature failed for DSNAME <dsname>.

Explanation: An error occurred while reading the master file data set through the Control Interval Backup Feature, CIBF.

User Response: See the associated message. If you want to disable the CIBF, specify CIMODE(NO) in the Backup function.

BMC202732I  RUV A fuzzy backup was restored into the VSAM DSName <dsname>.

Explanation: The restore job used a backup data set that was created by the Backup-While-Open process. The integrity of the data in the identified backup can not be guaranteed. The restore job continues normally.

User Response: Verify the restored data.

BMC202733W  RUV No IBKP backup item was found in the repository record for the backup DSName <dsname>.

Explanation: During the restore job, the backup that was used did not have an IBKP item in its repository record. Valid information could not be obtained from this item for reporting purposes. The restore job continues.

User Response: Verify that the job used to create the backup file updated the repository with a valid backup record.

BMC202734E  RUV <subsystem> backup failed. Backup Subsystem partner address space is no longer active.

Explanation: During the Backup While Open process, the batch backup job failed.

User Response: Correct the problem associated with the batch backup job and attempt the Backup While Open process again.

BMC202735E  RUV Backup While Open process could not connect to the backup subsystem. Backup of DSName <dsname> failed.

Explanation: During the backup of a data set, the VSAM file could not be successfully opened. This caused the Backup While Open process to be used for the backup of the file. The Backup While Open process could then not connect to an active backup subsystem.

User Response: If the data set being backed up is open to CICS, ensure that the backup subsystem is active. If the backup subsystem is not active, start it. If the data set being backed up is not open to CICS, verify that the DSName specified in the backup job is correct and that no other batch job is using this data set.

BMC202736E  RUV Maximum Archives Out exceeded.

Explanation: The archive accumulation is cancelled.

User Response: Decrease number of archives out to less than amount submitted.
BMC202737I  RUV <dsname> <type>.
Explanation: VSAM GROUP definitions with DSN mask and a type.
User Response: This message is strictly informational.

BMC202738W  RUV Scratch will not be attempted.
Explanation: Even if requested, SCRATCH will not be attempted.
User Response: This message is strictly informational.

BMC202739W  RUV CIMODE writer did not create an error list for DSName <dsname>. Error messages will not be reported.
Explanation: During the execution of a control interval back up an error list was not available for use by the Backup function. Therefore, no errors will be generated.
User Response: None.

BMC202740E  RUV CIMODE backup for DSName <dsname> was terminated by mother task.
Explanation: The record read from the master file could not be received from the backup mother task. The CIMODE backup terminates immediately.
User Response: Attempt a non-CI-MODE backup of the VSAM file by specifying the CIMODE(NO) option in the RUV command. Contact Technical Support.

BMC202741E  RUV Could not put VCAT item to internal list. Registration failed for file DSName <dsname>.
Explanation: The sphere item could not be created during the registration of the backup.
User Response: Resubmit the backup registration job.

BMC202742E  RUV Unknown VSAM Type.
Explanation: The backup is cancelled due to internal error.
User Response: Contact Technical Support.

BMC202743E  RUV All backups failed.
Explanation: The backup is cancelled due to error.
User Response: Contact Technical Support.

BMC202744W  RUV External Vendor support failed.
Explanation: The backup will continue without External Vendor support.
User Response: Contact Technical Support.
BMC202745W  RUV External Vendor found no backup data sets.

*Explanation:* The backup will continue without External Vendor support.
*User Response:* Contact Technical Support.

BMC202746E  RUV Prefix(YES) is not compatible with a non-variable RECFM for DSName `<dsname>`. Backup is cancelled.

*Explanation:* The backup will not run until Prefix and RECFM are in agreement.
*User Response:* Make RECFM variable or Prefix(NO).

BMC202747E  RUV Output LRECL for DSName `<dsname>` is not equal to the input data set LRECL, or is missing. LRECL must be `<number>` if RECFM is not variable. Backup is cancelled.

*Explanation:* The backup will not run until output and input LRECL are equal.
*User Response:* Make output LRECL match input LRECL.

BMC202748E  RUV Output LRECL for DSName `<dsname>` is too small for the input data. Minimum LRECL of `<Number>` is required. Backup is cancelled.

*Explanation:* The backup will not run until output is made larger.
*User Response:* Make output LRECL larger.

BMC202749E  RUV Dynalloc failed RBERR= `<returncode>` RBINF= `<reasoncode>`.

*Explanation:* The dynamic allocation failed with return code `<returncode>` and reason code `<reasoncode>`.
*User Response:* Contact Technical Support.

BMC202750I  RUV The input master file DSName `<dsname>` `<functionid>` was dynamically allocated.

*Explanation:* The input master file was dynamically allocated by the mother task.
*User Response:* This message is strictly informational. No user action is required.

BMC202751I  RUV A Backup Subsystem connection to `<applid>` has been established to backup DSName `<dsname>`.

*Explanation:* The RUV Backup function determined that the data set associated with the indicated DSName is open for update by the CICS address space identified by the specified applid. A connection between the backup job and the CICS address space was made.
*User Response:* None. This message is informational only.
BMC202752E RUV Internal processing error <code1>-<code2>. Please contact Product Support.

Explanation: An unrecoverable internal verification check occurred in the CICS component of the RUV Backup Subsystem.

User Response: Record the error code and contact Product Support.

BMC202753E RUV DSName <dsname> must be defined with the BROWSE/UPDATE attribute in order to perform backup.

Explanation: The Backup Subsystem attempted to back up the data set associated with the File Control Table, FCT, entry but was unable to proceed because the FCT entry was not defined with the BROWSE attribute.

User Response: If a back up of this data set though the Backup Subsystem is desired, add the BROWSE attribute to the CICS FCT entry for the indicated file.

BMC202754E RUV Unable to back up DSName <dsname>. File is not open to CICS.

Explanation: An RUV backup job successfully established a connection to a CICS address space with the indicated file open for update, but the file was closed within CICS before a backup task could be initiated.

User Response: Resubmit the backup job.

BMC202755E RUV Unable to back up DSName <dsname>. File is not enabled to CICS.

Explanation: An RUV Backup Subsystem was unable to copy the specified file because the data set was disabled within the CICS address space that had the master file open for update.

User Response: If a backup is to be performed using the Backup subsystem, enable the data set to CICS. Otherwise, close the data set to CICS and resubmit the backup.

BMC202756E RUV DSName <dsname> contains variable records. Specify RECFM(V | VB | VBS) on DDName <DDName> to perform backup.

Explanation: An attempt was made to back up a data set containing variable length records to a fixed length record backup data set.

User Response: Change the record format (RECFM) of the backup file, or allow it to default to a variable length record format.

BMC202757W RUV Backup will not be compressed because the BLKSIZE of the backup data set is less than <value>.

Explanation: To maintain DATA PACKER for VSAM compressed data onto a backup, a prefix and header equal to the indicated number must be written to it.

User Response: Verify that the BLKSIZE of the backup data set is at least as large as the indicated number.
BMC202758W  RUV RUV Backup Subsystem is unavailable.

*Explanation:* A RUV Backup request attempted to obtain exclusive use of a file, but found that the file was owned by another address space. It then attempted to access the file using the Backup Subsystem, but the Backup Subsystem was not available.

*User Response:* If the intention is to use the Backup Subsystem to back up files while they are open to CICS, verify that the Backup Subsystem is properly installed and activated. If it is, contact Technical Support.

BMC202759E  RUV Backup Subsystem OPEN failed. RC(<returncode>).

*Explanation:* An error occurred during an attempt to open the Backup Subsystem.

*User Response:* Verify that the Backup Subsystem is installed properly and activated. If it is, contact Technical Support.

BMC202760E  RUV Insufficient virtual storage to perform backup.

*Explanation:* The backup job was unable to complete due to a lack of virtual storage.

*User Response:* Increase the region size and resubmit the job.

BMC202761W  RUV Data set attribute <attribute1> is not acceptable for DDName <ddname>, <attribute2> will be used.

*Explanation:* The DCB attribute supplied through the JCL or a command processing option is an invalid attempt to override a required DCB value for the data set associated with the specified DDname.

*User Response:* Refer to the user guide documentation for the DDName DCB attributes. Correct the job stream and resubmit.

BMC202762E  RUV PREFIX(NO) must be specified to create a RECFM(F≠FB) backup on DSName <dsname>.

*Explanation:* By default, the recovery utility Backup function adds a variable length prefix containing control information to the beginning of each record. It must be omitted from backups created using a fixed length record format.

*User Response:* Specify PREFIX(NO) in the Backup control statement if the intention is to create fixed length record backup data sets.

BMC202763E  RUV Unable to open master file. Backup failed for DSName <dsname>.

*Explanation:* During a backup function request, the recovery utility was unable to open the identified master file

*User Response:* The message will be accompanied by other messages detailing the nature of the error and recommended actions.
BMC202764E  RUV The input file `<path data set name>` was a path for the base data set `<base data set name>`. This function is not supported.

*Explanation:* An attempt was made to back up a file through a path data set. This process is not supported.

*User Response:* The backup of the data set is not taken. Change the VSAM_IN data set name to the path’s associated base data set name. Then resubmit the backup job.

BMC202765E  RUV The input parameter values are not available for the backup function.

*Explanation:* No parameters were specified for the BACKUP VSAM_IN function. The backup is not taken and processing terminates immediately.

*User Response:* Correct the BACKUP VSAM_IN command specified in the JCL and resubmit the backup job.

BMC202766E  RUV No backup data set was specified.

*Explanation:* The backup is cancelled.

*User Response:* Specify a backup out and rerun the job.

BMC202767W  RUV The registration statement for the backup DSName `<dsname>` will not contain the `<fileid>` item.

*Explanation:* Every RUV backup that is taken has an associated backup record that is written to the repository. This repository backup record is composed of several items. Once the repository record is written, the specified item will not exist in the repository record. The master file is still backed up, as requested.

*User Response:* The REGISTER BACKUP_IN command can be executed. If the problem persists, contact Technical Support.

BMC202768E  RUV The registration statement for the DDName/DSName `<ddname>` - `<dsname>` could not be created.

*Explanation:* The REGISTER BACKUP_IN processing failed. This message may be accompanied by other RUV messages. Refer to the previous message for further information.

*User Response:* For further information, refer to the previous messages received in conjunction with this message.

BMC202769I  RUV The registration statement for the DSName `<dsname>` was successfully created.

*Explanation:* The backup registration statement was created and was written to the repository.

*User Response:* None. This message is informational only.
**BMC202770E**  
**RU V The communication queue could not be created for the CI-MODE backup of DSName <dsname>**.

*Explanation:* The CI-MODE communication environment could not be successfully created at open time. The CI-MODE backup process terminates.

*User Response:* Attempt a non-CI-MODE backup of the VSAM file by specifying the CIMODE(NO) option in the RUV command. Contact Technical Support for further assistance.

**BMC202771E**  
**RU V Unable to open the backup file DSName <dsname> during CI-MODE backup.**

*Explanation:* The BACKUP_OUT data set could not be opened during the attempt to execute the CI-MODE backup.

*User Response:* Attempt a non-CI-MODE backup of the VSAM file by specifying the CIMODE(NO) option in the RUV command. Contact Technical Support for further assistance.

**BMC202772E**  
**RU V Write error for BACKUP_OUT <dsname>. Backups will continue for any other output data sets.**

*Explanation:* The BACKUP_OUT data set had a write error.

*User Response:* Check for error messages for the DSName or device and correct that.

**BMC202773W**  
**RU V Invalid DSName <dsname> retained.**

*Explanation:* The specified DSName could not be resolved.

*User Response:* To be able to use this data, add the needed applid fileid record to the repository.

**BMC202774E**  
**RU V Read error for master data set. RC(<returncode>).**

*Explanation:* The master data set had a read error.

*User Response:* Check for error messages for this DSName or device, and correct that.

**BMC202775E**  
**RU V Internal input parm error.**

*Explanation:* The BACKUP is cancelled due to internal error.

*User Response:* Contact Technical Support.

**BMC202776E**  
**RU V Internal object error.**

*Explanation:* The BACKUP is cancelled due to internal error.

*User Response:* Contact Technical Support.
**BMC202777E**  RUV Catalog error for DSName: `<DSName>`.

*Explanation:* The backup is cancelled due to internal error. Either the input file is not a VSAM file or the input file does not exist.

*User Response:* Ensure that the input file is a valid VSAM file. Verify the correct spelling of the VSAM file name. Ensure that the VSAM file exists and is available for use. Update the input VSAM file name as needed and rerun the job.

**BMC202778E**  RUV No backup found for VSAM DSName: `<dsname>`.

*Explanation:* A registered backup was not found for the named VSAM DSN.

*User Response:* Verify that the name of the VSAM file is correct and rerun the job.

**BMC202779E**  RUV Error during restore of VSAM DSName: `<dsname>`.

*Explanation:* An error was found for the named VSAM DSName.

*Explanation:* Verify that the name of the VSAM file is correct and rerun the job.

**BMC202780E**  RUV Duplicate found for VSAM DSName: `<dsname>`.

*Explanation:* A duplicate was found for the named VSAM DSName.

*Explanation:* Verify that the name of the VSAM file is correct and rerun the job.

**BMC202781E**  RUV No master file for VSAM DDName: `<ddname>`.

*Explanation:* A master file was not found for the named VSAM DDName.

*User Response:* Verify that the name of the VSAM DDName is correct and rerun the job.

**BMC202782E**  RUV No master files to be restored.

*Explanation:* No backup files were found.

*User Response:* Verify the names of the VSAM DDName/DSName and rerun the job.

**BMC202783E**  RUV Error during SMS restore of DSName: `<dsname>`, SMS_RC(`returncode`).

*Explanation:* The RUV SMS restore interface has encountered an error while attempting to restore an SMS-controlled backup file.

*User Response:* See message ARC11xx for an explanation. Replace the xx value with the SMS_RC value. Refer to the SMS manual for DFSMSHSM Managing Your Own Data. Review the section that explains register usage for return codes.
BMC20274E   **RUU Not able to locate Master DSName: <dsname>.**

*Explanation:* The RUU delete-define process encountered an error while attempting to perform a restore.

*User Response:* None.

BMC202785W   **RUU Backup DSName <dsname> had an error. Processing continued with other backup data sets.**

*Explanation:* The specified backup had an error and was disabled. Other backup data sets continued to be loaded.

*User Response:* Verify that the specified DSName exists. Correct the JCL if needed. Resubmit the backup job.

BMC202786E   **RUU Backup DSName <dsname> had no VOLSER listed. Repository record was not registered.**

*Explanation:* The backup of the VSAM file completed successfully. However, the specified backup had no VOLSER. The backup will not be registered in the repository.

*User Response:* Verify that the JCL specification of the backup data set and rerun the backup job or register the backup by using the REGISTER BACKUP_IN statement.

BMC202787E   **RUU Backup DSName <dsname> Repository add failed.**

*Explanation:* The backup process creates 2 repository records, one for the backup file and one for the VSAM file. The specified backup statement could not be added to the repository.

*User Response:* Verify that the repository is available for use. Register the backup by using the REGISTER BACKUP_IN statement

BMC202788E   **RUU VSAM DSName <dsname1> Repository add failed.**

*Explanation:* The backup process creates 2 repository records, one for the backup file and one for the VSAM file. The specified VSAM file would not add to the repository.

*User Response:* Verify that the repository is available for use. Register the VSAM_FILE using the ADD VSAM_FILE command.

BMC202789I   **RUU Internal AMA failure. Duplicate messages may be generated.**

*Explanation:* The duplicate message suppression will be disabled. There are no integrity issues.

*User Response:* Contact Technical Support.
**BMC202790E**  
RU V Exclusive control failed for DSName `<dsname>`, RC(<returncode>). 

*Explanation:* The Backup-While-Open process could not determine the owning CICS region for the VSAM file. This may be due to the owning CICS region not responding. If the data set is opened to a responding CICS region, BWO requires it to be opened with the BROWSE/UPDATE attributes. If the data set is not opened by a CICS region, a batch job may have control of this data set or the owning CICS region may be on a different z/OS system. This would result in a return code value of 000A. A return code value of 318 means that the BWO process opened the VSAM file and began receiving data from the CICS region, but, this process was unexpectedly terminated. 

*User Response:* If you want to perform a backup using the Backup-While-Open process, ensure that the VSAM file is opened with the BROWSE/UPDATE attributes to an RUV-enabled CICS region. Otherwise, close the VSAM file to CICS and resubmit the backup job.

**BMC202791I**  
RU V `<type>` Backups ignored because of the BACKUP_METHOD in use. 

*Explanation:* The current BACKUP_METHOD does not allow the indicated type of backups to be used. 

*User Response:* None. This message is informational only. 

**BMC202792E**  
RU V No match found in the repository for the VSAM Group value `<vsamgroupname>`. 

*Explanation:* The command specified a VSAM Group value which contained a wildcard character. This wildcard specification did not match any VSAM Group names in the active repository. 

*User Response:* Modify the input command to refer to a valid VSAM Group name. Resubmit the job. 

**BMC202793E**  
RU V This RECOVER command specified a BACKUP_IN option that was not equal to CURRENT_BACKUP. 

*Explanation:* The recover command will allow only the value of CURRENT_BACKUP for the BACKUP_IN specification. Specifying any other value is not a valid entry. 

*User Response:* Modify the input command to use CURRENT_BACKUP for the BACKUP_IN option. Resubmit the recover job.
BMC202794W RUV A list of data set names could not be obtained for the specified VSAM GROUP <vsamgroupname>.

Explanation: The attempt to generate the list of data set names that are associated with the specified VSAM Group failed.

User Response: Modify the input command by specifying another VSAM Group that contains members that are valid files. Or, use the ADD VSAM FILE command to update the repository with VSAM file records for all files in this VSAM group. Resubmit the job.

BMC202795E RUV A list of VSAM Group names could not be obtained for the specified VSAM Group value <vsamgroupname>.

Explanation: The VSAM Group name value did not match any VSAM Groups defined in the active repository.

User Response: Modify the input command by specifying another valid VSAM Group name that can be found in the repository. Resubmit the job.

BMC202796E RUV Conflicting input parameters specified for the <vsamgroupname> option for the DSName <dsname>.

Explanation: The referenced DSName is a member of multiple VSAM Groups. The RUV job specified more than one of these VSAM Groups with different values specified for the vsamgroupname option. On a single RUV command, all option specifications must be identical when using multiple VSAM Groups that refer to the same DSName.

User Response: Modify the input command by specifying the same value for the vsamgroupname option for the VSAM Groups that contain the DSName dsname. Resubmit the job.

BMC202797E RUV Required name not found for: <dsname>

Explanation: No match found for the input.

User Response: Correct the input and resubmit.

BMC202798W RUV No match found for: <dsname>

Explanation: No match found for the input card.

User Response: None.

BMC202799W RUV VSAM DSName <dsname> does not exist.

Explanation: The VSAM file named in the request was not found in the repository but backups exist.

User Response: If the VSAM file was inadvertently deleted, run an ADD VSAM_FILE command to correct the problem. Otherwise, manually delete obsolete backups.
Chapter 9  BMC202800–BMC202899 Messages

This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202800 to BMC202899. Most of these messages are related to Backup-While-Open processing.

BMC202800E  RUV No Sphere information for DSName <dsname>.

Explanation: The repository record does not contain the CATALOG information that is required to define this VSAM file. This may have been caused by a previous delete action and therefore this data is not present. This may also indicate that there is no RUV backup. A RECOVER FORWARD command requires a backup.

User Response: Define the sphere using IDCAMS. If the command is RECOVER FORWARD, after defining the sphere, change the control cards to include the ARCHIVE_IN(dsname) keyword. Rerun the job.

BMC202801E  RUV Backup DSName (<dsname1>) was empty. Restore for DSName (<dsname2>) failed.

Explanation: The backup file specified for the restore process was empty and no control record was processed.

User Response: Specify a backup file that is not empty or specify DUMMY for the backup file and rerun the restore job.

BMC202802E  RUV APPLID <applid> error during backup of file DDName <ddname>. EIBFN= <eibfncode>, EIBRESP= <eibrespcode>.

Explanation: An unrecoverable error occurred while copying CICS file DDName <ddname> using the Backup Subsystem.

User Response: Contact Technical Support.
BMC202803W  RUV Archive Record for DSNAME <dsname> was not found. Data set will be accumulated.

Explanation: The repository record for this archive was not found. Accumulation will continue.
User Response: None. This message is informational only.

BMC202804E  RUV Archive DSName <dsname> is out of sequence.

Explanation: The restore process determined that the keys for at least two of the backup file records are not in the proper sequence.
User Response: Run the restore job with a copy of the backup file that has all of its records in proper sequence. Recreate the backup file so that its records are in proper sequence and then execute the restore job again.

BMC202805I  RUV Backup subtask <owner> has ended, RC(<returncode>).

Explanation: The backup subtask ended. The communications subtask, if active, will be detached.
User Response: None. This message is informational only.

BMC202806W  RUV Archive DSName <dsname> has duplicate repository records, accumulation will use the most current only.

Explanation: The accumulation process found multiple archive records with a DSName of dsname. Accumulation will continue with the last one.
User Response: Run a PURGE REPOSITORY and bring the z/OS catalog in sync with the RUV repository.

BMC202807I  RUV Accumulating <ddname> to a NULLFILE.

Explanation: A NULLFILE is being used as output.
User Response: None. This message is informational only.

BMC202808E  RUV Backup DSName <dsname> does not contain a valid record prefix.

Explanation: The header area which proceeds each record is validated before being applied to the VSAM base. This area was found to be invalid.
User Response: Verify that the data being read was produced by a BMC or RUV product. Print the first 5 blocks of this data to verify.

BMC202809E  RUV Duplicate record; add failed to DSName <dsname>.

Explanation: The record was not added to the VSAM file because it already existed. This condition is not normal but can occur if an incorrect BACKUP file was used or the wrong ARCHIVE_IN data was used.
User Response: Examine the duplicate data. Determine if the data was produced with incorrect data inputs. Rerun the job with correct data inputs.
BMC202810E  RUV Internal error. NTS was not found, RC(<returncode>).

Explanation: The get name token services process failed during BWO processing.
User Response: Contact Technical Support.

BMC202811E  RUV Daughter task <task> received a termination request which halted further processing.

Explanation: A multi-task process was active. One or more conditions caused this task to terminate before its normal completion. Possible conditions are:
- shortage of virtual storage to run a required task
- sort is running
- multiple READER_TASKS
- MUST_COMPLETE task has ended abnormally.
User Response: Interrogate the message log and the command requested. Alter the options that will provided the needed resources and then rerun the job.

BMC202812W  RUV Journal data does not contain all the information required for recover request. Back-level data cannot be recovered.

Explanation: The journal data for a VSAM file type ESDS may have been created before Recovery Plus for CICS/VSAM (RPCV) version 4.2.04. If this is a path update, then the RBA for this record was not captured with this journal data.
User Response: Correct the RBA for this data and rerun the job. If the data cannot be corrected, then attempt to use a backup file that would contain this data.

BMC202813I  RUV <control>.

Explanation: The sort control information that is passed to the sort product is displayed only for information purposes.
User Response: None. This message is informational only.

BMC202814E  RUV Unsuccessful sort. RC <decimalreturncode>(<hexreturncode>).

Explanation: The sort product returned before completing the sort.
User Response: Use the sort product manual to review the error and the suggested action. Review SORTWKnn space. Include //SYSOUT DD * in the JCL for detail sort messages. Contact your site system programmer for assistance.

BMC202815E  RUV VSAM DSName <dsname> does not exist.

Explanation: The VSAM file named in the request was not found in the catalog.
User Response: Verify the spelling of the file being requested, correct, and rerun.
**BMC202816E**  
**RUU VSAM DSName <dsname> Key Length different than the backup.**

*Explanation:* The catalog information for the VSAM file disagrees with the catalog information captured at the time the backup was created for this file. The KEYLEN value did not match.

*User Response:* If this is the correct backup, delete and define the file with the VSAM that match this backup. Then rerun the job.

**BMC202817E**  
**RUU Applid <applid> Unable to attach backup control task.**

*Explanation:* An operating system ATTACH for module RUVB8100 has failed in the CICS region identified by APPLID.

*User Response:* The Backup Subtasks initialization is terminated. Verify that the library containing the Backup Subtasks modules is included in the DFHRPL load library concatenation.

**BMC202818E**  
**RUU APPLID <applid> Unable to restart backup control task.**

*Explanation:* An unrecoverable error occurred during a restart of the CICS component of the Backup Subsystem. The Backup Subsystem does not communicate to CICS.

*User Response:* Reinitialize the CICS address space to resume backups of CICS allocated data sets. Contact Technical Support.

**BMC202819E**  
**RUU APPLID <applid> Startup aborted. CICS termination in progress.**

*Explanation:* A CICS shutdown is taking place, and caused initialization of the CICS component of the Backup Subsystem to be terminated.

*User Response:* None. CICS shutdown continues.

**BMC202820I**  
**RUU Applid <applid> Backup control subtask termination has been initiated.**

*Explanation:* This message is issued in response to a shutdown request to the CICS component of the Backup Subsystem. A coordinated shutdown of the backup control subtask in this CICS address space (applid) is initiated.

*User Response:* None. This message is informational only.

**BMC202821I**  
**RUU Backup of file <fileid> <actionname>**

*Explanation:* The state of the backup of the file is noted as either "continues" or "cancelled".

*User Response:* None. This message is informational only.
<table>
<thead>
<tr>
<th>BMC202822I</th>
<th><strong>RUU Backup control subtask shutdown being forced.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> An immediate shutdown of the CICS component of the Backup Subsystem has been initiated. The error is probably due to CICS shutdown. Active backup subtasks are terminated immediately and the backup subsystem link is deallocated.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> None. This message is informational only.</td>
<td></td>
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<thead>
<tr>
<th>BMC202823I</th>
<th><strong>RUU Backup control subtask has ended.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The subtask used to control communication between the CICS component and the Backup Subsystem terminated in response to a shutdown request. The Backup Subsystem no longer communicates with the CICS component.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> None. This message is informational only.</td>
<td></td>
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</tbody>
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<thead>
<tr>
<th>BMC202824E</th>
<th><strong>RUU Backup control subtask has abended (<strong>abendcode</strong>).</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> During normal shutdown request processing, the subtask used to control communication between the CICS component and the Backup Subsystem abnormally terminated. The Backup Subsystem no longer communicates with the CICS component.</td>
<td></td>
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<tr>
<td><strong>User Response:</strong> Contact Technical Support.</td>
<td></td>
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</tbody>
</table>

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<thead>
<tr>
<th>BMC202825E</th>
<th><strong>RUU Please verify that the input file is an RPCV file.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The control byte in the prefix of the record is invalid. The program will skip the data record until it has detected 10 of these invalid records upon which the program terminates.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> Verify that the inputs all originated from the BMC product, Recovery Plus for CICS/VSAM (RPCV). Print 5 blocks for each input file and check the prefix on each file. Then remove any invalid files and rerun the job.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>BMC202826E</th>
<th><strong>RUU APPLID &lt;applid&gt; Internal transfer buffer too small for backup of DDName &lt;ddname&gt;.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The maximum record length for CICS file DDName &lt;ddname&gt; exceeds the size of an internal buffer allocated to communicate between CICS and the Backup Subsystem. The backup request is rejected.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> Contact Technical Support.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202827I</th>
<th><strong>RUU Data set was not found - status unknown.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> None.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> None. This message is informational only.</td>
<td></td>
</tr>
</tbody>
</table>
BMC202828I  RUV <SubSystem> Backup Subsystem allocation failed RBERR= (<rberr>), RBINF= (<rbinf>).

Explanation: During Backup While Open process, the dynamic allocation of the Backup Subsystem failed with the RBERR error code and the RBINF reason code.

User Response: Ensure that the Backup Subsystem is properly started. Contact Technical Support.

BMC202829I  RUV Applid <applid> Backup control subtask is not active.

Explanation: In response to a status request, this message indicates that the subtask used to control communication between the CICS component and the Backup Subsystem has not been initialized. The Backup Subsystem is not communicating with the CICS component.

User Response: None. This message is informational only.

BMC202830I  RUV Applid <applid> Backup control subtask termination in progress.

Explanation: In response to a status request, this message indicates that the subtask used to control communication between the CICS component and the Backup Subsystem is being terminated. Termination continues.

User Response: None. This message is informational only.

BMC202831I  RUV Applid <applid> No backups are currently active.

Explanation: In response to a status request, this message indicates that no active backups are currently in progress.

User Response: None. This message is informational only.

BMC202832E  RUV APPLID <applid> Error during backup of DSName <dsname>. EIBFN = <funtioncode>, EIBRESP = (<responsecode>).

Explanation: An unrecoverable error occurred while copying CICS file DSName <dsname> using the Backup Subsystem. The backup for DSName <dsname> is terminated prematurely.

User Response: Check the CICS Execute Interface Block (EIB) function and response codes to verify that the file was not closed or disabled during the backup. Contact Technical Support.

BMC202833E  RUV APPLID <applid> Error during back up of DDName <ddname>; RC(<returncode>).

Explanation: An unrecoverable error occurred while copying CICS DDName ddname using the Backup Subsystem.

User Response: The backup for DDName ddname is terminated prematurely. Record the error return code contained in the message text. Contact Technical Support.
**BMC202834E** RUV Applid <applid> Open connection error for DSName <dsname>.

*Explanation:* The Backup Subsystem encountered a severe error while backing up a CICS file. The backup for file DSName dsname is aborted.

*User Response:* Contact Technical Support.

**BMC202835E** RUV Applid <applid> Unable to back up DSName <dsname>. File type is not KSDS, ESDS, or RRDS.

*Explanation:* The Backup Subsystem is capable of copying VSAM data set organization only. The backup request is terminated.

*User Response:* Correct the backup job to use VSAM files only and rerun the job.

**BMC202836E** RUV DSName <dsname> selected for both input and output.

*Explanation:* The DSName dsname was selected for both input and output. This is a fatal error.

*User Response:* If you are using ARCHIVE_IN, change ARCHIVE_IN or ARCHIVE_OUT. If you are running CONSOLIDATED and LAST_IMAGE together, run them separately. If the ARCHIVE_OUT has a data set name that is new to your system, this error does not occur.

**BMC202837E** RUV Backup failed for DSName <dsname>. Key sequence check detected during browse.

*Explanation:* The records returned from a CICS browse are not in key sequence. The backup is terminated with a return code of 8.

*User Response:* Contact Technical Support.

**BMC202838E** RUV Unable to backup DSName <dsname>. File is not open to CICS.

*Explanation:* A backup job successfully established a connection to a CICS address space with DSName dsname opened for update, but DSName dsname was closed within CICS before a backup task could be initiated. The backup terminates with a return code of 8.

*User Response:* Resubmit the backup job.

**BMC202839E** RUV Unable to back up DSName <dsname>. File is not enabled to CICS.

*Explanation:* A Backup Subsystem was unable to copy DSName dsname because the data set was disabled within the CICS address space that had DSName dsname open for update. The backup terminates with a return code of 8.

*User Response:* If you want to perform a backup using the Backup Subsystem, enable the data set to CICS. Otherwise, you can close the data set to CICS and resubmit the backup.
**BMC202840E**

RUV Applid `<applid>` Backup Subsystem transaction `<tranid>` has not been defined in the PCT.

*Explanation:* The indicated transaction ID `tranid` was not defined in the CICS Processing Control Table (PCT) for the indicated CICS APPLID.

*User Response:* Backup Subsystem initialization is terminated. Create the CICS table entries required by the Backup Subsystem. See the *Recovery Utility for VSAM Installation and Customization Guide* for more information.

**BMC202841E**

RUV Applid `<applid>` Backup Subsystem has not been authorized to use transaction `<tranid>`.

*Explanation:* A CICS resource security check error (NOTAUTH) occurred for transaction ID `tranid` during Backup Subsystem initialization.

*User Response:* Backup Subsystem initialization is terminated. Provide access to the affected user and reissue the request.

**BMC202842E**

RUV Record out of sequence detected in recovery for DSName `<dsname>`.

*Explanation:* The record that is in error is displayed in HEX format. The out of sequence data was passed to sort and should return in correct order.

*User Response:* Check the sort control information displayed with this job for an incorrect sort key. Review syslog for errors and messages and correct these conditions and rerun the job.

**BMC202843W**

RUV Subsystem `<ssid>` Backup Subsystem is not active. Connection retry has been scheduled.

*Explanation:* An attempt to connect the CICS address space APPLID with the Backup Subsystem failed because the subsystem was not activated.

*User Response:* The backup subtask in the CICS address space retries the connection every 30 seconds until successful. Activate the Backup Subsystem.

**BMC202844I**

RUV FILEID = `<fileid>`, DSName = `<dsname>`

*Explanation:* In response to a status request, this line displays the FILEID and DSName of active backups.

*User Response:* None. This message is informational only.

**BMC202845E**

RUV APPLID `<applid>` Taskid `<taskid>` allocation failed. Backup subsystem is not active.

*Explanation:* The connection between subtask taskid in the CICS address space applid and the Backup Subsystem failed because the subsystem is not available. The backup CICS subtask is terminated.

*User Response:* Verify the proper installation and activation of the Backup Subsystem. If necessary, contact Technical Support.
BMC202846E  RUV APPLID <applid> Taskid <taskid> backup subtask has ended. 
RC(<returncode>)

Explanation: A backup subtask is created when a backup is requested on a file 
owned by CICS. Subtask taskid attached within the CICS address space applid 
terminated RC returncode. The task may have ended because it finished a file 
backup or because CICS was terminated.

User Response: Verify the proper installation and activation of the Backup 
Subsystem. If necessary, contact Technical Support.

BMC202847I  RUV APPLID <applid> Taskid <taskid> backup subtask is active.

Explanation: A subtask taskid was created in the CICS address space applid and 
established a link to the Backup Subsystem. The subtask waits for a backup 
request.

User Response: None. This message is informational only.

BMC202848E  RUV Unsuccessful sort. <type> Abend (<returncode>).

Explanation: The sort request failed. The Return Code is a hex value as returned 
by the sort package. See sort messages or codes for description.

User Response: Correct the issue as explained in the sort product documentation.

BMC202849E  RUV APPLID <applid> Taskid <taskid> allocation failed. Backup subsystem is not 
defined.

Explanation: The backup subtask in the CICS address space applid failed to 
dynamically allocate the Backup Subsystem because the subsystem was not 
defined. The backup CICS subtask is terminated.

User Response: Verify the proper installation and activation of the Backup 
Subsystem. If necessary, contact Technical Support.

BMC202850I  RUV APPLID <applid> TASKID <taskid> backup subtask opened DSName 
<dsname>.

Explanation: The subtask <taskid> created in the CICS address space to 
communicate with the Backup Subsystem successfully opened DSName 
<dsname>. File transfer between the Backup Subsystem and CICS initiates.

User Response: None. This message is informational only.

BMC202851I  RUV APPLID <applid> Taskid <taskid> backup subtask completed for DSName 
<dsname>. Records <recordcount>.

Explanation: Transfer of recordcount records between the CICS address space 
<applid> and a backup job successfully completed. The backup CICS subtask 
<taskid> is terminated.

User Response: None. This message is informational only.
BMC202852E  RUV APPLID <applid> TASKID <task> backup subtask aborted for DDName <ddname>. Record <recordcount>.

Explanation: Transfer of <recordcount> records between the CICS backup subtask <task> and a backup job was prematurely terminated for the CICS DDName <ddname>. The number of physical records transferred is displayed.

User Response: The backup CICS subtask and corresponding backup terminate. This message is preceded by a message detailing the reason for the termination.

BMC202853E  RUV APPLID <applid> DSName <dsname> could not be opened for backup.

Explanation: The backup subtask created in the CICS address space was unable to open CICS DSName dsname for input processing. The backup CICS subtask is terminated.

User Response: Check the accompanying messages to determine the reason for the OPEN failure before contacting Technical Support.

BMC202854E  RUV Invalid request: <request>.

Explanation: A request was made which was not one of the following: SHUT, START, CYCLE, QUERY, FORCE, STATUS, STARTUP, RESTART, RECYCLE, MONITOR, or SHUTDOWN.

User Response: Attempt to process one of the following valid requests: SHUT, START, CYCLE, QUERY, FORCE, STATUS, STARTUP, RESTART, RECYCLE, MONITOR, or SHUTDOWN.
**BMC202855E**  
**RUU Internal processing error <errorvalue>. Please contact Technical Support.**

*Explanation:* An unrecoverable internal verification check with definitions of the error codes as described below:

- **0001-0000** Invalid or null parameter list was passed to the backup communication subtask.
- **0002-0000** Invalid or null parameter list was passed to the backup communication subtask.
- **0003-xxxx** Subsystem ACB open request failed, where, xxxx is the return code received for the open request.
- **0005-0000** The requestor buffer was not available for BWO processing.
- **0006-xxxx** An unknown return code value was received from the subsystem when transferring data records to the backup batch job. The value of xxxx is the unknown return code value received.
- **0007-0000** While sending VSAM data records to the backup subtask, the sending CICS task abended.
- **0008-0000** Invalid CICS pipe was found during the transferring of VSAM records from the CICS task.
- **xxxx-yyyy** BWO communication subtask fails to get the named token services. In this case, xxxx identifies the SSID value and yyyy identifies the 4 byte return code value from the NTS get attempt.

*User Response:* Record the error code and contact Technical Support.

**BMC202856E**  
**RUU A BWO subsystem is not active. Please start one.**

*Explanation:* The BWO subsystem has abended. No further BWO operations will be started until a BWO subsystem is active.

*User Response:* Ensure that the backup function is enabled for the subsystem that is the BWO coordinator. Use the ‘RUU ENABLE BACKUP’ command to achieve this. If an RUU subsystem is active, ownership of the BWO coordinator can be set to that RUU subsystem by using the “RUU TAKEOVER BWOCOORD” command. Perform a reinitialization of the BWO coordinator subsystem by using the command ‘REINIT RUU’.

**BMC202857I**  
**RUU BWO subsystem connection retry is rescheduled.**

*Explanation:* A start of a BWO communications subtask was attempted, however, no BWO subsystems were active. A connection will be retried every 30 seconds until successful. A BWO subsystem must be active for the BWO communications subtask to start successfully.

*User Response:* Activate a BWO subsystem. Once the subsystem is activated, the rescheduled attempt to start the BWO communications subtask will succeed.
**BMC202858E** RUV Backup control task is currently active.

*Explanation:* During initialization process, it was determined that the CICS component was still active.

*User Response:* Shut down the CICS component before attempting to start it again.

**BMC202859E** RUV Internal error - BWO NTS not found. Contact Technical Support.

RC(<returncode>), SSID=<ssid>.

*Explanation:* The Named Token Services process failed during BWO processing.

*User Response:* Contact Technical Support.

**BMC202860E** RUV Start Time required for DSName <dbname>.

*Explanation:* The requested command cannot be issued with the information supplied. Additional keyword(s) and data are needed.

*User Response:* Enter the START_TIME keyword and values or provide the keywords to cause RUV to use the repository timestamp recorded with the archive or backup file.

**BMC202861E** RUV No Backup found for DSName <dbname>.

*Explanation:* There is no information registered in the repository that indicates a usable backup.

*User Response:* Run a report on the VSAM file being used. The report will display the name of the backup if present. Determine if the timestamp for this backup is within the range required by this request. If needed, run a RESTORE job with a stable backup and then rerun the job, and supply the archive(s) that are required.

**BMC202862I** RUV APPLID <applid> Backup of file <dbname> cancelled.

*Explanation:* During a CICS backup Subsystem shutdown an active backup of CICS file dbname has been cancelled. The backup is terminated immediately.

*User Response:* None. This message is informational only.

**BMC202863W** RUV Archive not found for DSName <dbname>.

*Explanation:* The repository does not contain any archive files that match the selected request. Archives may be registered as INACTIVE or ACTIVE. Additionally, archives might not have records in the correct direction.

*User Response:* Verify the archive information with RUVISPF or REPORT ARCHIVE_FILE. Correct the status as needed and rerun the job. Other issues may not be correctable. New archives may be needed.
BMC202864I  RUV Archive selected: <dsname>.

Explanation: The data set which was selected for this request is displayed.
User Response: None. This message is informational only.

BMC202865I  RUV Backup selected: <dsname> <date> <time>.

Explanation: The data set which was selected for this request is displayed.
User Response: None. This message is informational only.

BMC202866W  RUV DSName <dsname> VSAM Record is not found. The data for this VSAM file will not be accumulated.

Explanation: RUV is unable to find DSName dsname VSAM Record.
User Response: Add the VSAM Record to the repository and rerun the job.

BMC202867E  RUV Sphere Expand failure for DSName <dsname>.

Explanation: The repository data that represents the catalog information for this data set is corrupted.
User Response: Correct the corrupted data by deleting it from the repository. Then change the job to include the BACKUP_IN and rerun the job.

BMC202868I  RUV APPLID <applid> The following data set backups are currently active.

Explanation: In response to a status request, this message precedes a list of active file backups for the CICS address space identified by applid.
User Response: None. This message is informational only.

BMC202869I  RUV APPLID <applid> File ID = <fileid> DSName = <dsname>.

Explanation: In response to a status request, the CICS file <FILEID> and DSName <DSName> for an active file backup are displayed.
User Response: None. This message is informational only.

BMC202870E  RUV VSAM DSName <dsname> Key Offset different than the backup.

Explanation: The backup selected contains attributes for the file that represented the VSAM file at the time the backup was taken. These attributes have changed since this backup was taken.
User Response: To cause the backup data set attributes to be used, you can delete the VSAM file. Then rerun the job.
**BMC202871E**  
**RUU Error at record number `<recordnumber>`**.

*Explanation:* Repository error. The record after record number `recordnumber` was bad. Processing will continue without the error record.

*User Response:* The repository may be corrupt and needs to be recreated or restored to a valid state.

**BMC202872E**  
**RUU Repository errors - `<type>` halted.**

*Explanation:* Repository errors were encountered. The indicated function is halted.

*User Response:* The repository may be corrupt and needs to be recreated or restored to a valid state.

**BMC202873E**  
**RUU Total Error Count: `<recordcount>`.**

*Explanation:* The repository may be corrupt and needs to be recreated or restored to a valid state.

*User Response:* Quiesce logging for the RUU subsystem and run a VALIDATE REPOSITORY SIMULATE command. If the error persists, correct the error by rerunning a VALIDATE REPOSITORY command without the SIMULATE option or by backing up and restoring the repository.

Save all output from the commands in case additional recovery actions are needed. For additional information, contact Technical Support and provide them with the output from the commands.

**BMC202874E**  
**RUU Repository record segment `<segment>` not found.**

*Explanation:* There was a read segment error for a repository record.

*User Response:* This may be a temporary error with a duration of several seconds. If it persists, the repository may be corrupt and needs to be recreated or restored to a valid state.

**BMC202875E**  
**RUU Key Length Error for DSName `<dsname>` - Recovery halted.**

*Explanation:* There was a key length mismatch from the archive and the data set.

*User Response:* Redefine the path with the correct key, and rerun the recovery unless this was an ESDS path. ESDS paths are not supported.

**BMC202876E**  
**RUU Base and New Name are the same: `<dsname>`.**

*Explanation:* The Base and New Name are the same. Restore will be halted.

*User Response:* Correct New Name and rerun the restore.
BMC202877E  **New Name DSName `<dsname>` was not found and could not be created from the Old data set.**

*Explanation:* The New Name data set could not be found in the catalog, and could not be created. This might occur because neither the old nor the new data sets exist.

*User Response:* Create the New Name data set, or create the old data set, and rerun the restore.

BMC202878E  **RUV No attribute match between New Name and Old Name for DSName `<dsname>`.**

*Explanation:* The New Name data set did not match the attributes of the old DSName `<DSName>`. 

*User Response:* Correct or create the New Name data set, and rerun the recover.

BMC202879E  **RUV Catalog error for New Name `<dsname>`.*

*Explanation:* The New Name DSName `<dsname>` had a catalog error.

*User Response:* Correct or create the New Name data set, and rerun the recover.

BMC202880I  **RUV High used RBA reset for VSAM DSN: `<dsname>`.*

*Explanation:* The high used RBA for a VSAM ESDS file has been reset. The VSAM LISTCAT record count will not be accurate until a backup and restore has been performed on the ESDS file.

*User Response:* None. This message is informational only.

BMC202881W  **RUV Previous message(s) require user validation before using DSName `<dsname>`.*

*Explanation:* More messages were displayed and these should be reviewed for specific action.

*User Response:* Review all messages and follow the required actions.

BMC202882E  **RUV 10 consecutive Data Input Errors. Processing Halted.**

*Explanation:* Internal processing has detected multiple records are invalid.

*User Response:* Verify the correct input files are being used.

BMC202883E  **RUV Please verify that the input file is a Journal File.**

*Explanation:* The content of the record is not valid. The verification of this data failed. This condition may occur if an input file is all zero (formatted) or the data is not journal data.

*User Response:* Print 5 blocks of each input file and determine whether this data file contains journal type records. Rerun the job after removing the invalid input file.
BMC202884I RUV APPLID <applid> Initialization of the connection to the Backup Subsystem <subsystem> is in progress.

Explanation: CICS is connecting to the RUV Backup Subsystem identified by subsystem ID subsystem.
User Response: None. Initialization proceeds.

BMC202885E RUV LOG_STREAM Data for <lsn> failure at: <date> <time>.

Explanation: A bad record was found on the LOG_STREAM. The Record is printed.
User Response: The job abends. To process the data, the record must be skipped.

BMC202886E RUV APPLID <applid> Insufficient storage to activate backup subtask.

Explanation: The backup subtask could not be created within the CICS address space due to a lack of virtual storage.
User Response: The subtask in the APPLID is terminated. The backup facility attempts to allocate all operating system storage above the 16 MB line. Provide sufficient storage (OSCOR) to initialize the subtask.

BMC202887I RUV New Name Report KL KO

Explanation: This is the new name report.
User Response: None. This message is informational only.

BMC202888I RUV <type> <dsname> <keylength> <keyoffset>.

Explanation: This is the Old Name type and keylength and keyoffset.
User Response: None. This message is informational only.

BMC202889I RUV New <type> <dsname>

Explanation: This is the New Name type.
User Response: None. This message is informational only.

BMC202890E RUV APPLID <applid> Taskid <taskid> Backup Subsystem allocation failed. RC(<returncode>).

Explanation: The backup CICS subtask is terminated.
User Response: Verify the proper installation and activation for the Backup Subsystem. If necessary, contact Technical Support.

BMC202891E RUV <lsn> is a LOG_OF_LOGS, not a LOG_STREAM.

Explanation: The input data set was not a LOG_STREAM, it was a LOG_OF_LOGS.
User Response: The job abends. Use the correct type of input data.
BMC202892I  RUV Invalid input ZSTO Parm ignored.

*Explanation:* The input ZSTO Parm was not consistent with other parms. It was ignored.

*User Response:* The job continues normally.

BMC202893E  RUV Catalog error for DSName: <dsname>.

*Explanation:* The operation is cancelled.

*User Response:* Correct problems with the data set and rerun.

BMC202894I  RUV Data set has not changed since its last backup.

*Explanation:* Data set has not changed since its last backup.

*User Response:* None. This message is informational only.

BMC202895I  RUV Data set has been changed since its last backup.

*Explanation:* Data set has been changed since its last backup.

*User Response:* None. This message is informational only.

BMC202896E  RUV Applid <applid> Backup Subsystem transaction <tranid> is disabled.

*Explanation:* Transaction ID tranid is disabled in the CICS Processing Control Table (PCT) for CICS applid.

*User Response:* Backup subsystem initialization is terminated. Enable the affected transaction ID and reissue the request.

BMC202897W  RUV Alternate path(s) from backup were not restored because the VSAM_FILE had no paths.

*Explanation:* The base cluster being restored had paths when it was backed up but not now.

*User Response:* Rebuild the paths if necessary.

BMC202898I  RUV Total Contention hits: <record count>

*Explanation:* Transitory errors were encountered while processing the repository. These errors are most likely caused by concurrent repository activity.

*User Response:* None. This message is informational only.
This section describes messages in the range of BMC10000 to BMC10999. These messages are issued by the BMC Software Primary Subsystem (BMCP) and the BMC Software Consolidated Subsystem (BCSS).

**BMC10000R** Enter initialization options or “U”. *bmcpid*

*Explanation:* The BMCP is prompting the z/OS operator for options that control the method of initializing the environment.

*System Action:* The BMCP waits for an operator response.

*User Response:* The z/OS system operator should respond with the proper initialization options. For example, reply `xx, SUBSYSID=bmcpid` where `xx` is the identification number (id) and `bmcpid` is the requested subsystem identifier. Reply `U` to use default values for any non-required parameters.

**BMC10002E** Invalid initialization option(s) specified. *bmcpid*

*Explanation:* One or more of the initialization options specified are invalid. Previously specified options are retained.

*System Action:* The invalid option(s) are ignored.

*User Response:* See the User Response for message BMC10000R, which immediately follows this message, and respond with the action it requires.

**BMC10003E** All required option(s) were not specified. *bmcpid*

*Explanation:* You did not specify one or more required BMCP command options when you submitted the command.

*System Action:* The command is rejected.

*User Response:* Verify the format of the command and include any missing required options.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC10004I</td>
<td><strong>SVCNO(number)</strong> specification being used. <em>bmcpid</em></td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> This message identifies the number of the SVC being used to perform supervisory services. <em>number</em> indicates the SVC number.</td>
</tr>
<tr>
<td></td>
<td><strong>System Action:</strong> The BMCP initialization process continues.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> This message is informational only.</td>
</tr>
<tr>
<td>BMC10006I</td>
<td><strong>SSCT(address)</strong> for subsystem obtained and queued. <em>bmcpid</em></td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> The BMCP issues this message when it has to construct and insert an subsystem control table (SSCT) into the SSCT queue. The BMCP was not previously active and an entry was not defined in any IEFSSN members of SYS1.PARMLIB. <em>address</em> indicates the SSCT address.</td>
</tr>
<tr>
<td></td>
<td><strong>System Action:</strong> The BMCP initialization process continues.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> This message is informational only.</td>
</tr>
<tr>
<td>BMC10009S</td>
<td><strong>Abend abendcode</strong> occurred during subsystem address space initialization. <em>bmcpid</em></td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> An error occurred during the initialization of the BMCP. This message is issued during recovery processing and represents a severe error. <em>abendcode</em> indicates the generated abend code.</td>
</tr>
<tr>
<td></td>
<td><strong>System Action:</strong> The BMCP initialization process terminates. Facilities provided by the BMCP may not be available.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Contact Technical Support.</td>
</tr>
<tr>
<td>BMC10020S</td>
<td><strong>Service module values not consistent with existing SSVT(address). <em>bmcpid</em></strong></td>
</tr>
<tr>
<td></td>
<td><strong>Explanation:</strong> You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. <em>address</em> indicates the subsystem vector table (SSVT) address where the inconsistency occurred.</td>
</tr>
<tr>
<td></td>
<td><strong>System Action:</strong> The BMCP initialization process terminates. Facilities provided by the BMCP may not be available.</td>
</tr>
<tr>
<td></td>
<td><strong>User Response:</strong> Reinstall the latest BMCP. If this fails to solve the problem, contact Technical Support.</td>
</tr>
<tr>
<td>BMC10021S</td>
<td><strong>Subsystem down-leveling attempted, oldlevel, newlevel, SVT(address). bmcpid</strong></td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The BMCP tried to initialize at a lower level than previously active. The installed BMCP was created by a set of modules from the latest maintenance level. <code>oldlevel</code> and <code>newlevel</code> indicate the version and modification levels of the current modules and those being initialized. <code>address</code> indicates the SVT address.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The BMCP initialization process terminates. Facilities provided by the BMCP may not be available.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Restore the latest version of the subsystem modules, and restart the BMCP.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC10022S</th>
<th><strong>Primary subsystem address space(asid) is currently active. bmcpid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>An attempt was made to start a BMCP, but it has detected that another BMCP is already active in another address space. <code>asid</code> indicates the hexadecimal address space ID of the active BMCP.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The BMCP initialization process terminates. Since another BMCP is available, facilities provided by the BMCP are available.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Continue using the BMCP that is already active.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC10024S</th>
<th><strong>Service module FVT offset/size(offset/size) not consistent with the SSVT(offset/size). bmcpid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. <code>offset/size</code> indicates the offset and size where the inconsistency occurred.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The BMCP initialization process terminates. Facilities provided by the BMCP may not be available.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Reinstall the latest BMCP modules. If this fails to solve the problem, contact Technical Support.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC10026S</th>
<th><strong>Service module SVT offset/size(offset/size) not consistent with the SSVT(offset/size). bmcpid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. <code>offset/size</code> indicates the offset and size where the inconsistency occurred.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The BMCP initialization process terminates. Facilities provided by the BMCP may not be available.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Reinstall the latest BMCP modules. If this fails to solve the problem, contact Technical Support.</td>
</tr>
</tbody>
</table>
BMC10028S  Service module PVT offset/size(offset/size) not consistent with the SSVT (offset/size). bmcpid

Explanation: You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. offset/size indicates the offset and size where the inconsistency occurred.

System Action: The BMCP initialization process terminates. Facilities provided by the BMCP may not be available.

User Response: Reinstall the latest BMCP. If this fails to solve the problem, contact Technical Support.

BMC10030S  text R15 (<returncode>), RS (<reasoncode>). <bmcpid>

Explanation: An unexpected non-zero return code or reason code was received in response to a BMCP verify request. Another product might have overlaid the BMCP, or an internal subsystem error might have occurred. text provides message text about the error. returncode and reasoncode indicate the generated return code and reason code.

System Action: The BMCP is terminated.

User Response: Check for any product that might have overlaid the BMCP and try to correct the problem. If this is not applicable, contact Technical Support.

BMC10032S  Invalid subsystem affinity index(index) returned by subsystem verify. bmcpid

Explanation: An illogical subsystem affinity index was returned by the master z/OS subsystem for the BMCP. index indicates the affinity index in hexadecimal format.

System Action: The BMCP is terminated.

User Response: Contact Technical Support.

BMC10034S  Default subsystem name(name) not consistent with subsystem being initialized. bmcpid

Explanation: An attempt was made to change the name of the BMCP during a restart operation. name indicates the default name of the BMCP.

System Action: The BMCP is terminated.

User Response: Restart the BMCP, and specify the correct SUBSYSID parameter. Use the subsystem ID that is appended to this message.
**BMC10038S**  
**Subsystem initialization process terminated. bmcpid**

*Explanation:* The initialization process is being terminated due to one or more previous errors. Messages have been issued identifying the problem(s) encountered during the initialization process.

*System Action:* The BMCP is terminated.

*User Response:* See the User Response for the message(s) issued prior to this message.

**BMC10040S**  
**Default module address via SVC(svcaddress) not consistent with SSVT(ssvtaddress). bmcpid**

*Explanation:* The address of a common area module returned by the SVC routine is not consistent with the address contained in the subsystem vector table (SSVT). This condition usually indicates that a storage overlay in the common service area (CSA) has occurred. `svcaddress` and `ssvtaddress` indicate the inconsistent module addresses.

*System Action:* The BMCP is terminated.

*User Response:* Contact Technical Support. A SVC dump of the common areas (CSA, LPA, NUC, and SQA) may be required for diagnostic purposes.

**BMC10044E**  
**SVCUPDTE service request for ESR SVC (address) failed, R15 (<returncode>). bmcpid**

*Explanation:* The attempt to insert the BMCP’s service routine into the SVC for the operating system has failed. `address` indicates the SVC address where the error occurred. `returncode` indicates the generated return code.

*System Action:* The BMCP initialization process is terminated.

*User Response:* Contact Technical Support. A SVC dump of the common areas (CSA, LPA, NUC, and SQA) may be required for diagnostic purposes.

**BMC10060S**  
**text, R15 (<returncode>). bmcpid**

*Explanation:* Another product might have overlaid the BMCP, or an internal subsystem error might have occurred. `returncode` indicates the generated return code.

*System Action:* The BMCP initialization process is terminated.

*User Response:* Check for any product that might have overlaid the BMCP and correct any problems. If this is not applicable, contact Technical Support.

**BMC10100I**  
**Subsystem ready. bmcpid**

*Explanation:* Initialization of the BMCP is complete, and the functions provided by the BMCP are available.

*System Action:* The BMCP is available.

*User Response:* This message is informational only.
**BMC10106I** Subsystem termination initiated. *bmcpid*

*Explanation:* The BMCP is performing a shutdown in response to an operator request. Termination of the BMCP is in progress.

*System Action:* The subsystem dispatcher terminates all activity within the BMCP. The shutdown process takes approximately two minutes to complete.

*User Response:* This message is informational only.

**BMC10108S** REQUESTED SUBSYSTEM STORAGE KEY CONFLICTS WITH PREVIOUS SUBSYSTEM KEY. \( \text{NEWKEY}=\text{newkey} \), \( \text{OLDKEY}=\text{oldkey} \) *bmcpid*

*Explanation:* The BMCP was started with PGM=BPSMDSPn, but a previous BMCP initialization used a different subsystem protect key. The n value of BPSMDSPn indicates a particular subsystem protect key. \( \text{oldkey} \) and \( \text{newkey} \) indicate the previous value of n and the currently requested value of n.

*System Action:* The BMCP control program terminates.

*User Response:* An IPL is required to have the BMCP initialize with a new subsystem key that differs from a previous value. See the BMCP documentation regarding changing the subsystem key.

**BMC10109W** RECYCLING INITIALIZATION WITH PREVIOUS STORAGE KEY. \( \text{OLDKEY}=\text{oldkey} \), \( \text{NEWKEY}=\text{newkey} \) *bmcpid*

*Explanation:* The BMCP was started with PGM=BPSMDSPn, but a previous BMCP initialization used a different subsystem protect key. The n value of BPSMDSPn indicates a particular subsystem protect key. \( \text{oldkey} \) and \( \text{newkey} \) indicate the previous value of n and the currently requested value of n.

*System Action:* The BMCP control program resets the subsystem protect key to the previous value and continues with initialization.

*User Response:* An IPL is required to have the BMCP initialize with a new subsystem key that differs from a previous value. See the BMCP documentation regarding changing the subsystem key.

**BMC10202E** Schedule of command into subsystem failed, R15 (<returncode>). *bmcpid*

*Explanation:* An attempt to schedule an operator-initiated command into the BMCP was not successful due to a storage shortage. *returncode* indicates the generated return code.

*System Action:* The command is ignored.

*User Response:* Confirm that the BMCP is active, and issue the command again. If the condition persists, contact Technical Support.
**BMC10204I** Subsystem cancellation initiated. bmcpid

*Explanation:* The BMCP is performing a shutdown in response to an operator request. Termination of the BMCP is in progress.

*System Action:* The subsystem dispatcher terminates all activity within the BMCP. The shutdown process takes approximately two minutes to complete.

*User Response:* This message is informational only.

**BMC10208W** Command not processed (<reasoncode>). bmcpid

*Explanation:* An operator-initiated BMCP command was not scheduled. *reasoncode* indicates the generated reason code, which can be any of the following reasons:

- subsystem dispatcher not active
- no command text present
- cross memory link to subsystem failed
- function not successful

*System Action:* The BMCP ignores the command.

*User Response:* Restart the subsystem, and issue the command again.

**BMC10210W** Terminating subsystem ASID(asid1) inconsistent with dispatcher ASID(asid2) in SSVT. bmcpid

*Explanation:* This message is issued during end-of-task and/or end-of-memory processing and indicates that the BMCP being terminated does not match the BMCP previously in control of the subsystem vector table (SSVT). *asid1* and *asid2* indicate the inconsistent address space IDs.

*System Action:* The BMCP is flagged as terminated, but facilities provided by the subsystem continue.

*User Response:* No action is required.

**BMC10219E** Abend (abendcode) occurred during end-of-task processing. bmcpid

*Explanation:* The subsystem end-of-task resource manager abended during resource clean-up. *abendcode* indicates the generated abend code.

*System Action:* The requestor is notified that the request has abended.

*User Response:* This message provides error-reporting information that may be required by Technical Support if you need to report a problem.
**BMC10220W**  
**Terminating subsystem ASID(\textit{asid1}) inconsistent with dispatcher ASID(\textit{asid2}) in SSVT. \textit{bmcpid}**  

*Explanation:* This message is issued during end-of-task and/or end-of-memory processing and indicates that the BMCP being terminated does not match the BMCP previously in control of the subsystem vector table (SSVT). \textit{asid1} and \textit{asid2} indicate the inconsistent address space IDs.

*System Action:* The BMCP is flagged as terminated, but facilities provided by the subsystem continue.

*User Response:* Restart the BMCP.

**BMC10228I**  
**Subsystem termination completed. \textit{bmcpid}**  

*Explanation:* The BMCP has terminated and has been processed by the end-of-memory resource manager.

*System Action:* Processing continues without the BMCP.

*User Response:* This message is informational only.

**BMC10229E**  
**Abend (\textit{abendcode}) occurred during end-of-memory processing. \textit{bmcpid}**  

*Explanation:* The subsystem end-of-memory resource manager abended during resource clean-up. \textit{abendcode} indicates the generated abend code.

*System Action:* The requestor is notified that the request has abended.

*User Response:* This message provides error-reporting information that may be required by Technical Support if you need to report a problem.

**BMC10239E**  
**Abend (\textit{abendcode}) occurred during allocation processing. \textit{bmcpid}**  

*Explanation:* The cross-memory environment allocation service ESTAE routine received control as a result of an abend. \textit{abendcode} indicates the generated abend code.

*System Action:* The attempt to connect to the cross-memory environment for the subsystem is terminated. A non-zero return code is provided to the calling process.

*User Response:* Attempt to obtain a SLIP dump of this situation, and contact Technical Support. The SLIP dump should include the following specification: SDATA=(RGN,LSQA,NUC,SQA,CSA,LPA).

**BMC10250W**  
**LPA-module-create request abend \textit{abendcode}. \textit{bmcpid}**  

*Explanation:* The request to create a link pack area (LPA) module failed. \textit{abendcode} indicates the generated abend code.

*System Action:* An SVC dump is placed into a SYS1.DUMP data set. The process requesting the LPA module create service issues a message.

*User Response:* Save the SVC dump, and contact Technical Support.
BMC10262E  
**text, R15 (<returncode>). bmcpid**

*Explanation:* A service request for an update procedure failed. Another product might have overlaid the subsystem, or an internal subsystem error might have occurred. *text* provides message text about the error. *returncode* indicates the generated return code.

*System Action:* The service request for an update is cancelled.

*User Response:* Check for and try to correct any product that might have overlaid the BMCP. If this is not applicable, contact Technical Support.

BMC10264W  
**SVCTABLE service request abend completioncode. bmcpid**

*Explanation:* The routine that updates the SVCTABLE abended. *completioncode* indicates the generated completion code.

*System Action:* The update of the SVCTABLE fails.

*User Response:* Stop and restart the BMCP.

BMC10275E  
**text R15 (<returncode>), reasoncode. bmcpid**

*Explanation:* The BMCP allocation service routine was unable to allocate the address space for the requesting process. Another product might have overlaid the subsystem, or an internal subsystem error might have occurred. *text* provides message text about the error. *returncode* indicates the generated return code. *reasoncode* indicates the generated reason code.

*System Action:* The attempt to allocate address space is terminated. A non-zero return code is provided to the calling process.

*User Response:* Check for and try to correct any product that might have overlaid the BMCP. If this is not applicable, contact Technical Support.

BMC10276A  
**jobname in ASID (asid) waiting for primary subsystem restart. bmcpid**

*Explanation:* The job has attempted to access the BMCP. The BMCP is not active, and the job is waiting for it to be restarted. *jobname* indicates the job waiting for execution. *asid* indicates the address space in which the job is running.

*System Action:* The task issuing the message is placed in a wait state until the subsystem is restarted. The message is deleted from the console when the job is notified of the availability of the system.

*User Response:* Restart the BMCP.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
<th>Explanation</th>
<th>System Action</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC10279E</td>
<td><strong>Abend</strong> (<em>abendcode</em>) occurred during cross-memory connection processing. <em>bmcpid</em></td>
<td><em>Explanation:</em> The cross-memory connection ESTAE routine received control as a result of an abend. <em>abendcode</em> indicates the generated abend code.</td>
<td><em>System Action:</em> The attempt to connect the cross-memory environment for the BMCP is terminated. A non-zero return code is provided to the calling process.</td>
<td><em>User Response:</em> Attempt to obtain a slip dump of this situation, and contact Technical Support.</td>
</tr>
<tr>
<td>BMC10280I</td>
<td><strong>Unexpected return code, subsystem</strong>(<em>subsysid</em>), R15 (<em>&lt;returncode&gt;</em>), <strong>SSOBRETN</strong>(<em>&lt;reasoncode&gt;</em>). <em>bmcpid</em></td>
<td><em>Explanation:</em> The BMCP received a return code that is unusual, but which does not necessarily indicate an error. <em>subsysid</em> indicates the affected BCSS subsystem. <em>returncode</em> indicates the generated return code. <em>reasoncode</em> indicates the generated reason code.</td>
<td><em>System Action:</em> The BMCP continues processing requests.</td>
<td><em>User Response:</em> This message is informational only.</td>
</tr>
<tr>
<td>BMC10284S</td>
<td><strong>Invalid XST</strong>(<em>address</em>) detected on queue. <em>bmcpid</em></td>
<td><em>Explanation:</em> Invalid information was detected in the XST (extended SVC screening) table. This might be the result of another product overlaying part of the BMCP. <em>address</em> indicates the address of the invalid XST.</td>
<td><em>System Action:</em> The BMCP terminates.</td>
<td><em>User Response:</em> Restart the BMCP. If the condition persists, check for overlays of the BMCP and contact Technical Support.</td>
</tr>
<tr>
<td>BMC10410E</td>
<td><strong>SXSS</strong>(<em>address</em>) failed SYNCH service validation. <em>bmcpid</em></td>
<td><em>Explanation:</em> A call to an SXSS address failed the validation process. The failure might be the result of another product overlaying part of the BMCP or the SXSS. <em>address</em> indicates the address of the SXSS that failed.</td>
<td><em>System Action:</em> The caller to the SXSS terminates, but the BMCP continues processing.</td>
<td><em>User Response:</em> Stop and restart the BMCP. If the condition persists, check for overlays of the BMCP and/or contact Technical Support.</td>
</tr>
</tbody>
</table>
BMC10412E  SXSS(address) not located within SYNCH service workarea. bmcpid

Explanation: A call to an SXSS address failed because the address was not in the work area. The failure might be the result of another product overlaying part of the BMCP or the SXSS. address indicates the address of the missing SXSS.

System Action: The caller to the SXSS terminates, but the BMCP continues processing.

User Response: Stop and restart the BMCP. If the condition persists, check for overlays of the BMCP and contact Technical Support.

BMC10700I  Status, subsystem address space asid is active BMCP.

Explanation: If active, the BMCP returns this status message in response to the bmcpid STATUS command. If BMCP is not active, the log responds with a command error. asid indicates the address space of the BMCP.

System Action: BMCP processing continues.

User Response: This message is informational only.

BMC10790E  Abend abendcode occurred during command processing. bmcpid

Explanation: The command processing manager for the BMCP (BPSMCPM0) abended while executing an operator-specified command. abendcode indicates the generated abend code.

System Action: Processing for the current command is terminated.

User Response: Contact Technical Support.
BMC202900–BMC202999 Messages

This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC202900 to BMC202999. Most of these messages are related to routines that check the level of the subsystem version.

BMC202900I  RUV No CSA storage for a VAB.

*Explanation:* There was no storage for a VSM Address Block (VAB).

*User Response:* None. This message is informational only.

BMC202901E  RUV Required DDName <ddname> not found.

*Explanation:* Could not find the data set referred to by the DDName *ddname*.

*User Response:* Verify that the DDName specified in the rule set is accessible. Modify the rule set to refer to a valid data set.

BMC202902I  RUV <aaaa> <bbbb> <cccc> is not found.

*Explanation:* This is the column output displaying the information from the RUVCHECK output. The fields displayed are: Module name, DDName, the actual name (in the case of an alias).

*User Response:* None. This message is informational only.

BMC202903E  RUV Working storage mismatch with program internal requirements. Call Technical Support.

*Explanation:* Working storage mismatch with program internal requirements.

*User Response:* Contact Technical Support.

BMC202904E  RUV DDName <ddname> failed to open for processing.

*Explanation:* Could not open DDName *ddname*. Processing terminates.

*User Response:* Verify that the DDName *ddname* exists and that the data set to which this DDName refers is a valid data set.
BMC202905E  RUV Load for module <modulename> from DDName <ddname> failed with R1=(<r01value>) and R15=(<r15value>).

Explanation: The module modulename could not be loaded from the LINKLIST. Processing terminates.
User Response: Contact Technical Support.

BMC202906E  RUV I/O error reading directory for DDName <ddname>.

Explanation: An error was encountered during the LINKLIST BLDL and module load process. Processing terminates.
User Response: Contact Technical Support.

BMC202907E  RUV Not enough storage to do BLDL for DDName <ddname>.

Explanation: Insufficient storage was available to successfully scan the SYSLIB, PDSLIB or the LINKLIST libraries for the DDName ddname.
User Response: Increase the region size and rerun the job.

BMC202908I  RUV BCSCHECK processing for product <product> finished with RC(<returncode>).

Explanation: The BCSCHECK process verifies the maintenance levels of the BCS and BPS system modules to ensure that backlevel regression does not occur.
User Response: None. This message is informational only.

BMC202909I  RUV For module <modulename> the most recent version is:

Explanation: The RUVCHECK process identifies the levels of the module modulename in the LPALIB, LINKLIB, SYSLIB, PDS01, PDS02, and PDS03 libraries. This statement identifies where the current module modulename exists.
User Response: None. This message is informational only.

BMC202910I  RUV <aaaa> in <bbbb> <cccc> <dddd> <eeee> <ffff>.

Explanation: This message prints the RUVCHECK output information for the module. The fields displayed are module name, aaaa, DDName, bbbb, the actual name (in the case of an alias), cccc, module version, dddd, module update date, eeee, and module update time, ffff.
User Response: None. This message is informational only.

BMC202911I  RUV Module information for all libraries:

Explanation: This is the title line of the report for the information from the RUVCHECK output.
User Response: None. This message is informational only.
<table>
<thead>
<tr>
<th>BMC202912I</th>
<th>RUV <em>&lt;module&gt;</em> &lt;ddname&gt; <em>&lt;alias_of version&gt;</em> &lt;yearmmdd hhmm&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is the column heading used to format the information from the RUVCHECK output.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>None. This message is informational only.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202913I</th>
<th>RUV Security violation, subsystem &lt;ssid&gt; does not have access to: &lt;dsname&gt;.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The identified subsystem does not have authority access defined in RACF for the specified data set.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Update the RACF profile to allow the identified SSID to have the appropriate access to the specified data set.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202914E</th>
<th>RUV A job level rule set cannot be activated when RUV is in the quiesce state.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>A job level rule set cannot be activated when RUV is in the quiesce state.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Contact Technical Support.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202916W</th>
<th>RUV &lt;ssid&gt; No log data set. No abend backout can be submitted.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>No log data set was specified.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Provide a log data set if you wish to use the automatic backout feature.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202917I</th>
<th>RUV &lt;aaaa&gt; &lt;bbbb&gt; &lt;cccc&gt; &lt;dddd&gt; &lt;eeee&gt; &lt;ffff&gt;.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>This is the column output displaying the information from the RUVCHECK output. The fields displayed are module name, aaaa, DDName, bbbb, the actual name (in the case of an alias), cccc, module version, dddd, module update date, eeee, and module update time, ffff.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>None. This message is informational only.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202918I</th>
<th>RUV subsystem &lt;ssid&gt; &lt;vr&gt; active for &lt;jobid&gt; /&lt;stepid&gt; /&lt;procid&gt; at &lt;date time&gt; GMT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>Based on the current rule set, RUV will log or journal VSAM data set activity for this job. Initialization is in progress.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>None. This message is informational only.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202919E</th>
<th>RUV Error message limit of 10 exceeded. No more errors of this type will be reported.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>This condition is caused by RUV QSAM errors or by failing calls to the repository object. Once this message is issued a maximum number of times this message is suppressed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Reference the previous message being issued and address the problem previously described.</td>
</tr>
</tbody>
</table>
BMC202921E  RUV <userid> issued (<ssid> <command>).  

Explanation: The indicated user issued the specified command command for the subsystem. This command was successfully scheduled for execution in the subsystem ssid.  

User Response: None. This message is informational only.

BMC202926I  RUV <ssid> Close data set: <dsname>.  

Explanation: The VSAM data set is being closed.  

User Response: None. This message is informational only.

BMC202927I  RUV <ssid> Unexpected end of log on DSName: <dsname>.  

Explanation: An x37 condition was encountered on the identified data set.  

User Response: The data set is closed and x37 protection is activated to allow RUV to allocate additional log data sets.

BMC202928I  RUV <ssid> Unexpected end of journal on data set: <dsname>.  

Explanation: An x37 condition was encountered on the identified data set.  

User Response: The data set is closed and x37 protection is activated to allow RUV to allocate additional journal data sets.

BMC202930E  RUV Subsystem <ssid> program <program> not found.  

Explanation: During initialization process, an attempt to load an executable module failed. The identified module could not be located.  

User Response: Verify that the appropriate data sets are specified in the tasklib, joblib, or steplib concatenation.

BMC202932I  RUV <ssid> Action <actioncode> DSName: <dsname> FW (<fw>).  

Explanation: The VSAM data set is being opened.  

User Response: None. This message is informational only.

BMC202935W  RUV <ssid> RUV may be unable to register the log data set <dsname>. RS(<reasoncode>).  

Explanation: The log data set is currently in use and is not able to be registered.  

User Response: Use the REGISTER command to register the archive.

BMC202936W  RUV <ssid> RUV may be unable to register the journal data set <dsname>. RS (<reasoncode>).  

Explanation: The journal data set is currently in use and is not able to be registered.  

User Response: Use the REGISTER command to register the archive.
BMC202937I  RUV <ssid> jobstep clean up reentered. Completion code= (<completioncode>).  

Explanation: During the end of jobstep task, RUV processing was reentered for termination purposes. 
User Response: None. This is informational only

BMC202938I  RUV <ssid> Archive registered DSName: <dsname>. 

Explanation: A log or journal has been successfully registered. 
User Response: None. This is informational only.

BMC202939E  RUV <ssid> Logging failure. Unable to create new log DSName <dsname>. 

Explanation: During x37 processing, a failure occurred when a new record could not be added to the log file. Errors were encountered during the initialization of the new log file. 

BMC202940E  RUV <ssid> Journaling failure. Unable to create new journal DSName <dsname>. 

Explanation: During x37 processing, a failure occurred when a new record could not be added to the journal file. Errors were encountered during the initialization of the new journal file. 

BMC202941E  RUV <ssid> Unable to properly register log DSName <dsname>. Backout recovery is not possible. 

Explanation: The log data set is currently in use and is not able to be registered. 
User Response: If you need to recover data sets updated by this job step, you must do a forward recovery

BMC202942A  RUV <ssid> Unable to properly register log or journal DSName <dsname>. 

Explanation: The log or journal data set could not be properly registered. 
User Response: Use the REGISTER command to register the archive manually. Enter any character to continue.

BMC202943W  RUV <ssid> It was necessary to write some log records to the repository. 

Explanation: The log file was too small and log records were written to the repository. 
User Response: Expand the size of the log file or provide X37 protection to the log.
BMC202949E  RUV External Vendor no message available.

Explanation:  An external vendor GETL_MESSAGE command was issued and no message was available.
User Response: Contact Product Support.

BMC202950E  RUV <ssid> RUVOEVD Type=<type>, RC(<returncode>).

Explanation: RUV support for the External Vendor failed.
User Response: Contact Technical Support.

BMC202951E  RUV <ssid> External Vendor could not load <name> from <text>; RC(<returncode>) RS(<reasoncode>).

Explanation: External Vendor EXIT could not be loaded.
User Response: Verify that the External Vendor program is a member of the authorized library specified by the DDName RUVEVLIB. RUVEVLIB may be provided with instream JCL or in the RUV subsystem.

BMC202952E  RUV <ssid> External Vendor no message available.

Explanation: External Vendor GETL_MESSAGE issued and no message was available.
User Response: Contact Technical Support.

BMC202953E  RUV <ssid> Required DDName RUVEVLIB not found in JCL or subsystem.

Explanation: External Vendor exits are loaded from DDName RUVEVLIB. RUVEVLIB was not found in the caller’s JCL nor in the subsystem startup JCL.
User Response: Provide an RUVEVLIB statement instream or in the subsystem.

BMC202954E  RUV <ssid> <text> failure for RUVEVLIB <data set name>; RC(<return code>) RS(<reason code>).

Explanation: External Vendor exits are loaded from DDName RUVEVLIB or the subsystem. RUVEVLIB was not found in the caller’s JCL nor in the subsystem startup JCL
User Response: Provide an RUVEVLIB statement instream or in the subsystem.

BMC202955E  RUV Do not ADD, UPDATE or DELETE $LAST_VENDOR

Explanation: $LAST_VENDOR is a reserved keyword. Do not use it as an External Vendor name.
User Response: Correct commands and retry.
<table>
<thead>
<tr>
<th>BMC202956E</th>
<th>RUV Unable to LOAD <code>&lt;program&gt;</code> from RUVEVLIB.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The specified program could not be loaded from the library designated by the RUVEVLIB DD statement.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Correct library and retry.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC202999T</th>
<th>RUV <code>&lt;trace information&gt;</code></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>A generic trace point call was issued. The information that is returned from this call is reported in this message. This information is for use by Technical Support and Development.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>None. This message is informational only.</td>
</tr>
</tbody>
</table>
This section describes Recovery Utility for VSAM (RUV) messages in the range of BMC204000 to BMC204999.

**BMC204000I**  RUV Job `<job_name> <job_number>` has ABENDED.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204001I**  RUV Job `<job_name> <job_number>` had a converter error.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204002I**  RUV Job `<job_name> <job_number>` had non Zero CC of `<cc>`.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204003I**  RUV Job `<job_name> <job_number>` was canceled.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204004I**  RUV Job `<job_name> <job_number>` ABENDED at end of memory.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204005I**  RUV Job `<job_name> <job_number>` is Held by Duplicate Job Name.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.
**BMC204006I** RUV Job `<job_name> <job_number>` is Held.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204007I** RUV Job `<job_name> <job_number>` had a JCL error.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204008I** RUV Job `<job_name> <job_number>` was not found in the system.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204009E** RUV Status job had an error.

*Explanation:* The job requesting status had an error.
*User Response:* Contact Product Support.

**BMC204010I** RUV Job `<job_name> <job_number>` is still Running.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204011I** RUV Job `<job_name> <job_number>` had a security error.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204012E** RUV Job `<job_name> <job_number>` has unknown status.

*Explanation:* The job status is unknown.
*User Response:* Contact Product Support.

**BMC204013I** RUV Job `<job_name> <job_number>` had CC of Zero.

*Explanation:* This is the status of the specified job from z/OS.
*User Response:* None.

**BMC204014E** RUV VSAM_DEFINITION is only valid inside a loop.

*Explanation:* Correct the JOB_JCL and resubmit the job.
*User Response:* None.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC204015E</td>
<td>RUV Unknown variable <code>&lt;variable&gt;</code>.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Correct the JOB_JCL and resubmit the job.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
<tr>
<td>BMC204016E</td>
<td>RUV Unable to get definition for <code>&lt;data_set_name&gt;</code>.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Check data set name and correct as needed.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
<tr>
<td>BMC204017I</td>
<td>RUV No paths found for <code>&lt;data_set_name&gt;</code>.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Informational - processing continues.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
<tr>
<td>BMC204018E</td>
<td>RUV Empty definition for <code>&lt;data_set_name&gt;</code>.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> The definition for $DSN had no data.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Contact Product Support.</td>
</tr>
<tr>
<td>BMC204019E</td>
<td>RUV Variable substitution error.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Check following data for error and correct it.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
<tr>
<td>BMC204020E</td>
<td>RUV LOOP not the only data on the card.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Correct the JOB_JCL and resubmit the job.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
<tr>
<td>BMC204021E</td>
<td>RUV LOOP nesting error.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Correct the JOB_JCL and resubmit the job.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
<tr>
<td>BMC204022E</td>
<td>RUV <code>&lt;::END_LOOP&gt;</code> card not found.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Correct the JOB_JCL and resubmit the job.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
<tr>
<td>BMC204023I</td>
<td>RUV Job <code>&lt;job_name&gt; &lt;job_number&gt;</code> has been submitted.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> The job has been submitted.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> None.</td>
</tr>
</tbody>
</table>
**BMC204024I**  
RUU *** JCL REPORT ***

Explanation: JCL report header.

User Response: None.

**BMC204025E**  
RUU LRECL of `<record_length>` is too large to backup or recover.

Explanation: The record is too large. The data set cannot be backed up or recovered by RUV. For recovery processes, RUV supports a maximum VSAM record size of 32 KB. For backup and restore processes, RUV supports a maximum VSAM record size of 64 KB.

User Response: Change the record size of the data set, or exclude the data set from RUV processing.

**BMC204026W**  
RUU RUVZSM0 Header reset error detected. Token(<token>)

Explanation: Printer heading token was not reset correctly during processing.

User Response: Contact Product Support.

**BMC204027E**  
RUU Bad Job Card found: `<job_card>`

Explanation: The job was not submitted.

User Response: Correct JCL and rerun.

**BMC204028E**  
RUU Job `<job_name>` had a submit error.

Explanation: The job was not submitted.

User Response: Correct JCL and rerun.

**BMC204100W**  
RUU Repository VSAM_FILE record for `<data set name>` is missing or incomplete. Please DELETE and then ADD it to this repository, then rerun this job or ACCUM this Archive.

Explanation: The repository VSAM_RECORD record for the indicated data set is not complete.

User Response: Delete the indicated VSAM_FILE `<data set name>` and then re add it to the repository and run the job again.

**BMC204101E**  
RUU Archive `<data set name>` NOT Registered. Check for previous error message and resolve that error.

Explanation: An error stopped the registration of the indicated archive data set name.

User Response: Correct the error and run the job again.
BMC204102E RUV Key type error. Archive <data set name> registration canceled due to key type of (<key type>).

_Explanation:_ RUV encountered an internal error.

_User Response:_ Contact Technical Support.

BMC204103W RUV Unknown APPLID/FILEID: <applid/fileid> was archived, but is not recoverable until resolved by ACCUM after either processing an OPEN record or ADDING the VSAM_FILE with the correct APPLID/FILEID.

_Explanation:_ The archive is not recoverable.

_User Response:_ The archive is not recoverable until the VSAM_FILE record is corrected in the repository. To correct the record, execute the following command:

ADD VSAM_FILE<data set name> APPLID_FILEID<applid/fileid>

Perform an archive accumulation after updating the repository.

BMC204104E RUV Unable to recall <data set name> - return code <return code>.

_Explanation:_ The recall for the indicated data set failed. The job terminated with the indicated _return code._

_User Response:_ Recall the data set and run the job again.

BMC204105A RUV <data set name> Backup Integrity exposure. REPLY GO, RETRY, or CANCEL.

_Explanation:_ The Recovery Utility for VSAM Backup function cannot obtain exclusive ownership of the file with the indicated data set name.

_User Response:_ Reply to the message with one of the following responses:

- **GO** — Skip the backup of the current file and continue to the backup of the next file.

- **RETRY** — Attempt to obtain exclusive control of the current file.

- **CANCEL** — Terminate the backup job.

BMC204106E RUV Processing error due to previous VSAM messages: Informational, Warning, or Error. The archive may have errors for just the associated files.

_Explanation:_ Correct the error and run the job again, or do not use the archive to recover those data sets.

_User Response:_ See previous error messages, and correct the indicated problems.
**BMC204107E**  //SYSOUT DD was missing in the JCL for SORT process.

*Explanation:* The SORT process failed because the //SYSOUT DD card was missing from the JCL.

*User Response:* Include the //SYSOUT DD card in the JCL, and rerun the job.

**RU2041119E**  No license to use RUV

*Explanation:* Security violation.

*User Response:* Contact Product Support.

**RU204120I**  On trial, license will be expired in <xx> days.

*Explanation:* Trial license.

*User Response:* Contact Product Support to renew license.

**RU204121E**  Trial license was expired.

*Explanation:* Security violation.

*User Response:* Contact Product Support.

**RU204122E**  No license to use RUV on this CPU_ID.

*Explanation:* Security violation.

*User Response:* Contact Product Support.

**RU204123E**  Invalid license password.

*Explanation:* Security violation.

*User Response:* Contact Product Support.

**RU204124E**  License grace period was expired.

*Explanation:* Security violation.

*User Response:* Contact Product Support.

**RU204125E**  License error return code= <xxxx>.

*Explanation:* Security violation.

*User Response:* Contact Product Support.

**RU204126I**  In grace period, will be expired in <xx> days.

*Explanation:* License should be renewed.

*User Response:* Contact Product Support.
BMC204401I  RUV <ssid> Registered <rba0> for <data set name>.

Explanation: An empty VSAM file was detected, and an RBA0 backup file was registered.
User Response: None.

BMC204402I  RUV No data sets to be recovered.

Explanation: VSAM files may or may not have been opened prior to the abnormal termination, but no VSAM data sets were updated.
User Response: None. This message is informational only.

BMC204403W  RUV Recovery not possible for DSN: <data set name>

Explanation: A VSAM file was opened in load mode after updates were applied. Backout is not possible.
User Response: Run a forward recovery on the file.

BMC204404I  RUV Failed to define LSR pool, type <pool type> RC (<return code>).

Explanation: RUV failed to define a Local Shared Resource pool for chronological recovery. <pool type> is DATA or INDEX. <return code> is the return code from the IBM BLDVRP service.

Processing continues, but a performance degradation may occur.
User Response: None.
<text>

Explanation: <text> can be the following values:

- RUV Local Shared Resource pool for <pool type>
  
  This text is for the title line for the LSR pool report. <pool type> is DATA or INDEX.

- RUV (Cont.) <size> (<number>) <size> (<number>) <size> (<number>) <size> (<number>)

  This text is for the detail line for the LSR pool report. Format is buffer size (number of buffers).

This report appears only if SET REPORT(DETAIL) or SET REPORT(FULL) is used.

User Response: None.
This section describes messages in the range of BMC11000 to BMC11999. These messages are issued by the BMC Software Consolidated Subsystem (BCSS) and the Extract program (BCSUEXTR):

- BCSS generates messages BMC11000 through BMC11899
- BCSUEXTR generates messages BMC11900 through BMC11999

**BMC11000R**  
**Enter initialization options or “U”. bcssid**

*Explanation:* The BCSS is prompting the z/OS operator for options that control the method of initializing the environment.

*System Action:* The BMCP address space waits for an operator response.

*User Response:* The z/OS system operator should respond with the proper initialization options. For example, reply `xx, SUBSYSID=bcssid` where `xx` is the identification number (id) and `bcssid` is the requested subsystem identifier. Reply `U` to use default values for any non-required parameters.

**BMC11002E**  
**Invalid initialization option(s) specified. bcssid**

*Explanation:* One or more of the initialization options specified are invalid. Previously specified options are retained.

*System Action:* The invalid option(s) are ignored.

*User Response:* See the User Response for message BMC11000R, which immediately follows this message, and respond with the action it requires.

**BMC11006I**  
**SSCT(address) for subsystem obtained and queued. bcssid**

*Explanation:* The BCSS issues this message when it has to construct and insert a subsystem control table (SSCT) into the SSCT queue. The subsystem was not previously active and an entry was not defined in any IEFSSNxx members of SYS1.PARMLIB. `address` indicates the SSCT address.

*System Action:* The BMCP initialization process continues.

*User Response:* This message is informational only.
**BMC11009S**  
Abend (<abendcode>) occurred during subsystem address space initialization. <bcssid>

Explanation: An error occurred during the initialization of the BCSS. This message is issued during recovery processing and represents a severe error. <abendcode> indicates the generated abend code.

System Action: The BCSS initialization process terminates.

User Response: Contact Product Support.

**BMC11019S**  
Abend (abendcode) occurred during subsystem address space initialization. bcssid

Explanation: An error occurred during the initialization of the BCSS. This message is issued during recovery processing and represents a severe error. abendcode indicates the generated abend code.

System Action: The BCSS initialization process terminates.

User Response: Contact Technical Support.

**BMC11020S**  
Service module values not consistent with existing SSVT(address). bcssid

Explanation: You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. address indicates the subsystem vector table (SSVT) address where the inconsistency occurred.

System Action: The BCSS terminates.

User Response: Reinstall the latest BCSS. If this fails to solve the problem, contact Technical Support.

**BMC11021S**  
Subsystem down-leveling attempted, oldlevel, newlevel, SSVT(address). bcssid

Explanation: The BCSS tried to initialize at a lower level than previously active. The installed BCSS was created by a set of modules from the latest maintenance level. oldlevel and newlevel indicate the version and modification levels of the current modules and those being initialized. address indicates the SSVT address.

System Action: The BCSS address terminates.

User Response: Restore the latest version of the subsystem modules, and restart the BCSS.

**BMC11022S**  
Consolidated subsystem address space(asid) is currently active. bcssid

Explanation: An attempt was made to start a BCSS, but it has detected that another BCSS is already active in another address space. asid indicates the hexadecimal address space ID of the active BCSS.

System Action: The BCSS initialization process terminates because another BCSS is available.

User Response: Continue using the BCSS that is already active.
BMC11024S  Service module FVT offset/size(offset size) not consistent with the SSVT(offset size), bcssid

Explanation: You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. offset size indicates the offset and size where the inconsistency occurred.

System Action: The BCSS address terminates.

User Response: Reinstall the latest BCSS. If this fails to solve the problem, contact Technical Support.

BMC11026S  Service module SVT offset/size(offset size) not consistent with the SSVT(offset size), bcssid

Explanation: You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. offset size indicates the offset and size where the inconsistency occurred.

System Action: The BCSS address terminates.

User Response: Reinstall the latest BCSS. If this fails to solve the problem, contact Technical Support.

BMC11028S  Service module PVT offset/size(offset size) not consistent with the SSVT(offset size), bcssid

Explanation: You attempted to use an earlier version of your product after the latest version had been initialized. Internal control block and/or module attributes are incorrect. offset size indicates the offset and size where the inconsistency occurred.

System Action: The BCSS address terminates.

User Response: Reinstall the latest BCSS. If this fails to solve the problem, contact Technical Support.

BMC11029S  Abend abendcode occurred during subsystem interface initialization. bcssid

Explanation: An abend occurred during the initialization phase of the BCSS. abendcode indicates the generated abend code.

System Action: The BCSS initialization process is terminated.

User Response: Contact Technical Support.
BMC11030S  
*text R15(<returncode>), (<reasoncode>). bcssid*

Explanation: An unexpected non-zero return code or reason code was received in response to a BCSS verify request. Another product might have overlaid the BMCP, or an internal subsystem error might have occurred. *text* provides message text about the error. *returncode* and *reasoncode* indicate the generated return code and reason code.

*System Action:* The BCSS is terminated.

*User Response:* Check for any product that might have overlaid the BCSS and try to correct the problem. If this is not applicable, contact Technical Support.

BMC11032S  
*Invalid subsystem affinity index(index) returned by subsystem verify. bcssid*

Explanation: An illogical subsystem affinity index was returned by the master z/OS subsystem for the BCSS. *index* indicates the affinity index in hexadecimal format.

*System Action:* The BCSS is terminated.

*User Response:* Contact Technical Support.

BMC11034S  
*Default subsystem name(name) not consistent with subsystem being initialized. bcssid*

Explanation: An attempt was made to change the name of the BCSS during a restart operation. *name* indicates the default name of the BCSS.

*System Action:* The BCSS is terminated.

*User Response:* Restart the BCSS, and specify the correct SUBSYSID parameter. Use the subsystem ID that is appended to this message.
**BMC11036R**  
**Subsystem address space ASID(asic) has not terminated. bcssid**

*Explanation:* The BCSS issuing the message detected that the subsystem control areas are already owned by the currently-executing address space. The currently-executing address space must terminate for the starting subsystem to continue. *asic* indicates the address space ID in hexadecimal format of the currently-executing address space.

*System Action:* Ownership determination checks occur every ten seconds while this message is outstanding. When the ownership changes and the subsystem control areas become available to the starting address space, the message is deleted and initialization continues.

*User Response:* Respond according to one of the following situations:

- Multiple subsystem address spaces have been started in error. In this situation, type T to terminate the issuing subsystem address space.

- This message is issued for a restarted subsystem when the z/OS resource management routines are performing significant end-of-memory processing in the z/OS *MASTER* address space and the clean-up of a terminated subsystem address space has not concluded. This can occur during maximum CPU usage. Wait for the message to be deleted, which usually occurs within 30 seconds. If the issuing subsystem address space does not start, or this message remains longer than 30 seconds, contact Technical Support.

**BMC11037S**  
**A Public subsystem is already initialized, only one Public subsystem may be active. bcssid**

*Explanation:* An attempt was made to start another BCSS using the MODE=PUBLIC parameter while another public consolidated subsystem was already active.

*System Action:* The BCSS initialization process terminates.

*User Response:* If you are attempting to start a private consolidated subsystem, use the MODE=PRIVATE parameter.

**BMC11038S**  
**Subsystem initialization process terminated. bcssid**

*Explanation:* The initialization process is being terminated due to one or more previously-reported errors. Messages have been issued identifying the problem(s) encountered during the initialization process.

*System Action:* The BCSS terminates.

*User Response:* Follow the User Response for message(s) issued prior to this message.
<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC11039S</td>
<td>A public subsystem is attempting to initialize as private.</td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> An attempt is being made to initialize a public consolidated subsystem as a private consolidated subsystem.</td>
</tr>
<tr>
<td></td>
<td><em>System Action:</em> The initialization process is terminated.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Correct the subsystem name, and submit the request again.</td>
</tr>
<tr>
<td>BMC11040E</td>
<td><code>ddname</code>,registration data set has reached an excessive number of extents and must be rebuilt. <code>bcssid</code></td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> A registration data set has reached a number of extents that the subsystem control record (SCR) describing the registration data set cannot support. <code>ddname</code> indicates the DD statement associated with the registration data set.</td>
</tr>
<tr>
<td></td>
<td><em>System Action:</em> If the indicated registration data set is the primary registration data set or the last available duplex registration data set, processing terminates.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Rebuild the indicated registration data set, combining the extents into as few extents as possible.</td>
</tr>
<tr>
<td>BMC11041W</td>
<td><code>ddname</code>,registration data set is nearing an excessive number of extents and should be rebuilt. <code>bcssid</code></td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> A registration data set is nearing a number of extents that the subsystem control record (SCR) describing the registration data set cannot support. <code>ddname</code> indicates the DD statement associated with the registration data set.</td>
</tr>
<tr>
<td></td>
<td><em>System Action:</em> The BCSS continues execution. It is possible that the BCSS could fail if the registration data set extents exceed the SCR limit during execution.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Rebuild the indicated registration data set; combine the extents into as few extents as possible.</td>
</tr>
<tr>
<td>BMC11042I</td>
<td>Registration data set synchronization will not be performed in parallel. <code>bcssid</code></td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> Your product cannot use parallel synchronization for the registration data set. Serial synchronization is used.</td>
</tr>
<tr>
<td></td>
<td><em>System Action:</em> Processing continues with serial synchronization.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> This message is informational only.</td>
</tr>
<tr>
<td>BMC11043E</td>
<td><code>ddname</code>,does not reference a valid VSAM data set. <code>bcssid</code></td>
</tr>
<tr>
<td></td>
<td><em>Explanation:</em> A DD statement does not reference a valid VSAM data set. <code>ddname</code> indicates the DD statement associated with the registration data set.</td>
</tr>
<tr>
<td></td>
<td><em>System Action:</em> The DD statement is ignored, and processing continues.</td>
</tr>
<tr>
<td></td>
<td><em>User Response:</em> Correct the DD statement for the next initialization.</td>
</tr>
</tbody>
</table>
**BMC11044E** *ddname, all processing will be bypassed for this data set. bcssid*

*Explanation:* An error was encountered during initialization processing for the registration data set. Another message immediately precedes this message explaining the problem encountered. *ddname* indicates the DD statement associated with the registration data set.

*System Action:* The registration data set is closed, and all other processing for the data set is bypassed.

*User Response:* Refer to the Explanation of the previously-issued message for a description of the problem and a possible solution.

**BMC11045E** *ddname, the defined record length matches the defined CI size. bcssid*

*Explanation:* When a registration data set was defined, the logical record length and the control interval size were identical. *ddname* indicates the DD statement associated with the registration data set.

*System Action:* The registration data set is closed, and all other processing for the data set is bypassed.

*User Response:* The logical record length must be defined with a smaller value than the control interval size. Use IDCAMS to delete and redefine the registration data set with proper values.

**BMC11046S** *No usable duplex registration data set available. bcssid*

*Explanation:* The initialization process was not successful in establishing a duplex registration data set.

*System Action:* The BCSS terminates automatically.

*User Response:* Refer to the Description of the previously-issued message to determine why the duplex registration data set failed during initialization processing.

**BMC11047E** *ddname, record size exceeds that defined for this data set. bcssid*

*Explanation:* The maximum logical record length defined for the specified registration data set is less than the maximum logical record length required by BCSS. *ddname* indicates the DD statement associated with the registration data set.

*System Action:* The registration data set is closed and other processing bypassed.

*User Response:* Use IDCAMS to delete and redefine the registration data set with the maximum logical record length recommended in the installation instructions.
**BMC11048E**  
*ddname, key size does not match that defined for this data set. bcssid*

**Explanation:** The key length defined for the specified registration data set is not correct. The key length is predetermined and cannot be altered from the length defined during installation. *ddname* indicates the DD statement associated with the registration data set.

**System Action:** The registration data set is closed and other processing bypassed.

**User Response:** Use IDCAMS to delete and redefine the registration data set with the key length specified during installation.

**BMC11049E**  
*ddname, relative key position does not match that defined for this data set. bcssid*

**Explanation:** The relative key position (key offset) for the specified registration data set is not correct. The starting key position is predetermined and cannot be altered from that defined during installation. *ddname* indicates the DD statement associated with the registration data set.

**System Action:** The registration data set is closed and other processing bypassed.

**User Response:** Use IDCAMS to delete and redefine the registration data set with the relative key position specified during installation.

**BMC11050S**  
*ddname, ACB OPEN FAILED, R15(<returncode>), ACBERFLG(errorflag), <INITIAL | FINAL>. bcssid*

**Explanation:** An attempt to open the Access Method Control Block (ACB) of a registration data set was not successful. The IEC161I messages are issued by the z/OS operating system. *ddname* indicates the DD statement associated with the registration data set. *returncode* indicates the generated return code. *errorflag* indicates the generated ACB error flag.

**System Action:** Processing of the registration data set is bypassed.

**User Response:** Consult the IBM documentation for an explanation of message IEC161I, and resolve the problem with the cluster. If the problem cannot be resolved, consult Technical Support.

**BMC11051S**  
*ddname is not synchronized and has been dropped, RIBRFLAGS(errorflag). bcssid*

**Explanation:** A registration data set was not synchronized; your product will not use the registration data set. This message is preceded by other messages that further explain the problem. *ddname* indicates the DD statement associated with the registration data set. *errorflag* indicates the generated error flag, which will assist Technical Support in determining the reason for the condition.

**System Action:** The BCSS initialization process continues.

**User Response:** Contact Technical Support if you are not able to correct the problem using the information obtained from the other messages.
BMC11052W  Primary registration data set not provided. bcssid

Explanation: You did not provide a primary registration data set during initialization.

System Action: The BCSS continues without use of registration data sets.

User Response: If it was not your intent to run without registration data sets, correct the DD statement during the next initialization.

BMC11053S  ddbname,<TESTCB | SHOWCB> request failed, r15(<returncode>). bcssid

Explanation: A VSAM service request failed with a non-zero return code. Another product might have overlaid the subsystem, or an internal subsystem error might have occurred. ddbname indicates the DD statement associated with the problem. returncode indicates the generated return code.

System Action: Processing of the registration data set is bypassed.

User Response: Check for any product that might have overlaid the BCSS and attempt to correct the problem. If this is not applicable, contact Technical Support.

BMC11054S  ddbname, VSAM error, R15(<returncode>), RPLREQ(requesttype), RPLFDBK(feedback), RPLOPTCD(optioncode), R14(offset). bcssid

Explanation: A VSAM logical record mode request for a registration data set was not successful. Another product might have overlaid the subsystem, or an internal subsystem error might have occurred. ddbname indicates the DD statement associated with the problem. returncode indicates the generated return code. requesttype, feedback, optioncode, and offset indicates values associated with the request. These values are shown in hexadecimal format. Use a VSAM Logic manual from IBM to interpret the values.

System Action: Processing of the registration data set is bypassed.

User Response: Check for any product that might have overlaid BCSS, and attempt to correct the problem. If this is not applicable, contact Technical Support.

BMC11055I  ddbname, reusable duplexing registration data set initialized. bcssid

Explanation: A reusable duplexing registration data set has been initialized with the contents of the registration data set. ddbname indicates the DD statement associated with the registration data set.

System Action: Subsystem initialization continues.

User Response: This message is informational only.
BMC11056I  
  **ddname, duplexing registration data set initialized. bcssid**

  **Explanation:** A duplexing registration data set has been initialized with the contents of the registration data set. `ddname` indicates the DD statement associated with the registration data set.

  **System Action:** The BCSS initialization process continues.

  **User Response:** This message is informational only.

BMC11057I  
  **ddname, primary registration data set <synchronized | initialized>. bcssid**

  **Explanation:** A primary registration data set has been synchronized or initialized. `ddname` indicates the DD statement associated with the registration data set.

  **System Action:** The BCSS initialization process continues.

  **User Response:** This message is informational only.

BMC11059E  
  **<DSPSERV | ALESERV> service failed for <GENERIC | PROGRAM | DATA SET> dataspace, R15(‘returncode’), R0(‘returncode’), dataspace will not be used. bcssid**

  **Explanation:** The DSPSERV or ALESERV operating system macro has failed for generic, program, or data set data space. `returncode` indicates the generated return codes. The return codes are in hexadecimal format.

  **System Action:** Processing continues, but your product does not use the data space.

  **User Response:** Contact your systems programmer to determine the meaning of the DSPSERV and ALESERV return codes.

BMC11060S  
  **servicename service request failed R15(<returncode>).**

  **Explanation:** This message is issued during cross-memory environment initialization when a z/OS service fails with a non-zero return code. `servicename` indicates the service that failed: AXRES, AXSET, LXRES, ETCON, and ETCRE. `returncode` indicates the generated return code.

  **System Action:** The initialization process is terminated.

  **User Response:** Contact Technical Support.

BMC11061W  
  **<GENERIC | PROGRAM | DATA SET> caching dataspace size of megs1MB was not used. megs2MB dataspace was allocated. bcssid**

  **Explanation:** You attempted to allocate a caching data space that was too large. A smaller data space was allocated for the generic, program, or data set data space. `megs1` indicates the requested megabytes (MB). `megs2` indicates the allocated MB.

  **System Action:** Subsystem initialization continues.

  **User Response:** In the future, specify a smaller data space size.
**BMC11062I**  
<GENERIC | PROGRAM | DATA SET> caching dataspace initialized.  

**Explanation:** The generic, program, or data set caching data space has initialized.  

**System Action:** The system initializes a data space.  

**User Response:** This message is informational only.

---

**BMC11063E**  
**ddname2,** registration data set resides on the same device as **ddname1.**  

**Explanation:** Only one registration data set can reside on a device. **ddname1** and **ddname2** indicate the DD statements associated with the registration data sets in question.  

**System Action:** Processing continues with **ddname1** only. **ddname2** is ignored.  

**User Response:** Allocate registration data sets on separate devices. Correct the BCSS JCL, and recycle the subsystem.

---

**BMC11064E**  
**ddname2,** registration data set references the same cluster as **ddname1.**  

**Explanation:** You have duplicated the name of a registration data set. Each registration data set must have a unique name. **ddname1** and **ddname2** indicate the DD statements associated with the registration data sets in question.  

**System Action:** Processing continues with **ddname1** only. **ddname2** is ignored.  

**User Response:** Correct the DD statements before the next subsystem initialization.

---

**BMC11065E**  
**ddname,** registration data set resides on multiple volumes and will not be used.  

**Explanation:** **ddname** references a data set that is a multivolume data set. Registration data sets must reside on a single volume; you cannot use multivolume data sets. **ddname** indicates the DD statement associated with the registration data set.  

**System Action:** Processing continues without the registration data set in error.  

**User Response:** Allocate registration data sets as single volume data sets.

---

**BMC11066E**  
**ddname,** System Control Record (SCR) construction failed, R15('returncode'). REGISET is not usable.  

**Explanation:** Construction has failed for the system control record (SCR) of a registration data set. **ddname** indicates the DD statement associated with the registration data set. **returncode** indicates the generated return code in hexadecimal format. The registration data set cannot be used.  

**System Action:** Processing continues without the registration data set in error.  

**User Response:** Contact Technical Support.
BMC11067I  \textit{ddname} will be used to synchronize or initialize other REGISETs. \textit{bcssid}

\textit{Explanation:} An initialized registration data set is used to synchronize or initialize other registration data sets. \textit{ddname} indicates the DD statement associated with the registration data set that will be used in the synchronization.

\textit{System Action:} Processing continues.

\textit{User Response:} This message is informational only.

BMC11068E  \textit{ddname} could not be initialized and can not be used to synchronize other regisets. \textit{bcssid}

\textit{Explanation:} A registration data set could not be initialized and cannot be used to synchronize or initialize other registration data sets. \textit{ddname} indicates the DD statement associated with the registration data set that could not be initialized. This message is preceded by other messages that further explain the problem.

\textit{System Action:} Processing continues without the registration data set in error.

\textit{User Response:} Contact Technical Support if you are not able to correct the problem using the information obtained from the other messages.

BMC11069S  Abend \textit{abendcode} occurred during cross-memory environment initialization. \textit{bcssid}

\textit{Explanation:} An abend occurred during cross-memory environment initialization. \textit{abendcode} indicates the generated abend code.

\textit{System Action:} The BCSS initialization process is terminated.

\textit{User Response:} Contact Technical Support.

BMC11071I  \texttt{<GENERIC | PROGRAM | DATA SET>} dataspace primed with \textit{recs} records. \textit{bcssid}

\textit{Explanation:} The generic, program, or data set data space has been primed with a number of records. \textit{recs} indicates the number of records used to prime the data space.

\textit{System Action:} Processing continues.

\textit{User Response:} This message is informational only.
**BMC11072E**  
_ddname_, registration data set is in use by another subsystem on this z/OS image.  
**_bcssid_**

*Explanation:* A data set has been allocated and initialized as a registration data set by another BMC Software consolidated subsystem running on the same z/OS image. Registration data sets can be used by only one BMC Software consolidated subsystem per z/OS image. _ddname_ indicates the DD statement associated with the registration data set.

*System Action:* The BCSS initialization process continues without the registration data set.

*User Response:* Correct the allocation JCL. Restart the BCSS using registration data sets that are not shared by other BCSSs on the same z/OS image.

**BMC11073S**  
Subsystem address space initialization is being terminated due to missing REGISETs.  
**_bcssid_**

*Explanation:* Initialization of a BCSS cannot continue without the necessary registration data sets.

*System Action:* The BCSS initialization process is terminated.

*User Response:* Correct the REGISET problem before or with the next initialization.

**BMC11079S**  
Abend _abendcode_ occurred during commands data set processing.  
**_bcssid_**

*Explanation:* The subsystem commands processor abended while processing the commands data set. _abendcode_ indicates the generated abend code.

*System Action:* The current command is not processed.

*User Response:* Contact Technical Support with the PSW and registers.

**BMC11092I**  
_ddname_ System Control Record checkpoint completed.  
**_bcssid_**

*Explanation:* A registration data set system control record (SCR) has been successfully written to DASD. _ddname_ indicates the DD statement associated with the registration data set.

*System Action:* Processing continues.

*User Response:* This message is informational only.

**BMC11100I**  
Subsystem ready BCSS.  
**_bcssid_**

*Explanation:* Initialization of the BCSS is complete, and the services provided by the BCSS are available.

*System Action:* The subsystem dispatcher waits for operator input.

*User Response:* This message is informational only.
<table>
<thead>
<tr>
<th><strong>BMC11102A</strong></th>
<th><strong>Waiting for BMC primary subsystem initialization. bcssid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> During BCSS initialization processing, the BCSS detected that a service provided by the BMC Software primary subsystem (BMCP) is required but the subsystem has not been started.</td>
<td></td>
</tr>
<tr>
<td><strong>System Action:</strong> The BCSS waits for a BMCP to be started.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> Start a BMCP.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BMC11106I</strong></th>
<th><strong>Subsystem termination initiated. bcssid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> The BCSS is performing a shutdown in response to an operator request. Termination of the BCSS is in progress.</td>
<td></td>
</tr>
<tr>
<td><strong>System Action:</strong> The subsystem dispatcher terminates all activity within the address space. The shutdown process takes approximately two minutes to complete.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> This message is informational only.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BMC11160E</strong></th>
<th><strong>ddname, request failed, RPLREQ(requesttype), RPLFDBK(feedback), RPLOPTCD(optioncode). bcssid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> A VSAM logical record mode request for a primary registration data set was not successful. The detected error was either a logical or physical error. <em>ddname</em> indicates the DD statement associated with the problem. <em>requesttype</em>, <em>feedback</em>, and <em>optioncode</em> indicate values associated with the request. These values are shown in hexadecimal format. Refer to a VSAM Logic manual from IBM to interpret the values.</td>
<td></td>
</tr>
<tr>
<td><strong>System Action:</strong> The request to the registration data set is terminated.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> Contact Technical Support.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>BMC11162E</strong></th>
<th><strong>ddname, request failed, RPLREQ(requesttype), RPLFDBK(feedback), RPLOPTCD(optioncode). bcssid</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong> A VSAM logical record mode request for a primary registration data set was not successful. The detected error was either a logical or physical error. <em>ddname</em> indicates the DD statement associated with the problem. <em>requesttype</em>, <em>feedback</em>, and <em>optioncode</em> indicate values associated with the request. These values are shown in hexadecimal format. Refer to a VSAM Logic manual from IBM to interpret the values.</td>
<td></td>
</tr>
<tr>
<td><strong>System Action:</strong> The request to the registration data set is terminated. Your product produces an additional message explaining what actions, if any, are being produced by the failure.</td>
<td></td>
</tr>
<tr>
<td><strong>User Response:</strong> Contact Technical Support.</td>
<td></td>
</tr>
</tbody>
</table>
**BMC11164E**

*ddname*, duplex failed, RPLREQ(*requesttype*), RPLFDBK(*feedback*), RPLOPTCD(*optioncode*). *bcssid*

**Explanation:** A VSAM logical record mode request for a duplex registration data set was not successful. The detected error was either a logical or physical error. *ddname* indicates the DD statement associated with the problem. *requesttype*, *feedback*, and *optioncode* indicate values associated with the request. These values are shown in hexadecimal format. Use a VSAM Logic manual from IBM to interpret the values.

**System Action:** The request to the registration data set is terminated. Your product produces an additional message explaining what actions, if any, are being produced by the failure.

**User Response:** Contact Technical Support.

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**BMC11166E**

*ddname*, registration data set has reached an excessive number of extents and must be rebuilt. *bcssid*

**Explanation:** A registration data set has reached a number of extents that the subsystem control record (SCR) describing the registration data set cannot support. This message is issued by BCSMSRAM during subsystem initialization. *ddname* indicates the DD statement associated with the registration data set.

**System Action:** If the indicated registration data set is the primary registration data set or the last available duplex registration data set, processing terminates.

**User Response:** Rebuild the indicated registration data set, combining the extents into as few extents as possible.

---

**BMC11167W**

<GENERIC | PROGRAM | DATA SET> dataspace capacity has been exceeded. Record caching will no longer be performed. *bcssid*

**Explanation:** Record caching terminates when the product exceeds the generic, program, or data set data space capacity. This message indicates a logic error.

**System Action:** Processing continues without caching.

**User Response:** Contact Technical Support.
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**BMC11168E**

**TERMRPL request failed, R15(<returncode>), R0(<reasoncode>), RPLREQ(requesttype), RPLFDBK(feedback), RPLOPTCD(optioncode). bcssid**

*Explanation:* A VSAM TERMRPL request failed. Another product might have overlaid the BCSS, or an internal subsystem error might have occurred. *returncode* indicates the generated return code. *reasoncode* indicates the generated reason code. *requesttype*, *feedback*, and *optioncode* indicate values associated with the request. These values are shown in hexadecimal format. Refer to a VSAM Logic manual from IBM to interpret the values.

*System Action:* The request to terminate a VSAM I/O request ended with the indicated error.

*User Response:* Check for any product that might have overlaid the BCSS and attempt to correct the problem. If this is not applicable, contact Technical Support.

**BMC11169E**

**Duplex REGISETs unusable. Consolidated subsystem terminating. bcssid**

*Explanation:* A physical error has occurred on the last, or only, duplex registration data set. This message should be preceded with the message BMC11168E, which indicates the specific error that occurred.

*System Action:* The BCSS terminates so that the problem with the affected registration data set(s) can be corrected. The BCSS indicates that Failsoft mode is active and that all potentially compressed data should be processed by the expansion routines.

Unless previously disabled from doing so, the BCSS provides the following information when RUV requests its service:

- Failsoft mode is active.
- All potentially-compressed data should be processed by the expansion routines.

*User Response:* Correct the problem with the duplex registration data set(s), then restart the BCSS.

**BMC11171E**

**ddname being dropped from processing, continuing with remaining primaries. bcssid**

*Explanation:* An I/O error or initialization error (for example, mismatched REGISETs) caused this REGISET to be out of sync with the others. The run may continue if there are sufficient primary registration data sets remaining. *ddname* indicates the DD statement associated with the registration data set that has dropped.

*System Action:* The named REGISET is excluded from further processing. Run continues.

*User Response:* Correct the reason for the REGISET failure, and recycle the subsystem.
**BMC11173E**  
*ddname*, REGISET dropped for reason(X'\textit{reason}',) \textit{reasontext} is now down-level.  
\textit{bcssid}

*Explanation:* A registration data set has been dropped. *ddname* indicates the DD statement associated with the registration data set that has dropped. *reason* and *reasontext* indicate the reason the registration data set has dropped in hexadecimal and character formats. This message indicates a serious problem.

*System Action:* Your product takes a slip dump (SDUMP), and processing continues.

*User Response:* Contact Technical Support.

**BMC11174W**  
No usable duplexing REGISETS are available.  
\textit{bcssid}

*Explanation:* No duplex registration data sets are available for use.

*System Action:* Processing continues without duplex registration data sets.

*User Response:* If it was not your intent to run without duplex registration data sets, reinitialize the BCSS and include the required registration data sets.

**BMC11175E**  
No primary REGISETs are usable. Duplexing REGISETs have been disabled.  
\textit{bcssid}

*Explanation:* No primary registration data sets are available for use. All primary registration data sets have been dropped.

*System Action:* The BCSS terminates, and your product goes into Failsoft mode.

*User Response:* This message is preceded by other messages that explicitly state the reason(s) for the registration data set drops. Also, check the Logrec and the SDSF Log for messages showing reasons for registration data set drops. Contact Technical Support if reasons do not explain the drops.

**BMC11176S**  
No REGISETs are usable. Subsystem dispatcher has been posted for termination.  
\textit{bcssid}

*Explanation:* No registration data sets are available for use. All registration data sets have been dropped.

*System Action:* The BCSS terminates, and your product goes into Failsoft mode.

*User Response:* This message is preceded by other messages that explicitly state the reason(s) for the registration data set drops. Also, check the Logrec and the SDSF Log for messages showing reasons for registration data set drops. Contact Technical Support if the messages do not adequately explain the drops.
BMC11180W  Recycling initialization with previous storage key. Oldkey=oldkey, Newkey=newkey bcssid

Explanation: The BCSS was started with PGM=BCSMDSpn, but a previous BCSS initialization used a different subsystem protect key. The n value of BCSMDSPn indicates a particular subsystem protect key. oldkey and newkey indicate the previous value of n and the currently requested value of n.

System Action: The BCSS control program resets the subsystem protect key to the previous value and continues with initialization.

User Response: An IPL is required to have the BCSS initialize with a new subsystem key that differs from a previous value. See the BCSS documentation regarding changes to the subsystem key.

BMC11181S  Requested subsystem storage key conflicts with previous subsystem key. Newkey=newkey, Oldkey=oldkey bcssid

Explanation: The BCSS was started with PGM=BCSMDSpn, but a previous BCSS initialization used a different subsystem protect key. The n value of BCSMDSPn indicates a particular subsystem protect key. oldkey and newkey indicate the previous value of n and the currently requested value of n.

System Action: The BCSS control program terminates.

User Response: An IPL is required to have the BCSS initialize with a new subsystem key that differs from a previous value. See the BCSS documentation regarding changes to the subsystem key.

BMC11202E  Schedule of command into subsystem failed, R15(<reasoncode>). bcssid

Explanation: An attempt to schedule the operator-initiated command in the BCSS was not successful. The failure is normally due to storage limitations. reasoncode indicates the generated reason code.

System Action: The command is ignored.

User Response: Ensure that the BCSS is active, and issue the command again. If the condition persists, contact Technical Support.

BMC11204I  Subsystem cancellation initiated. bcssid

Explanation: The BCSS is terminating as the result of an operator termination request.

System Action: Termination of the BCSS continues.

User Response: This message is informational only.
<table>
<thead>
<tr>
<th>BMC11208W</th>
<th>Command not processed. <em>bcssid</em></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>An operator-initiated BCSS command was not scheduled because the BCSS is not active.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The command is ignored.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Restart the BCSS, and issue the command again.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC11210W</th>
<th>Terminating subsystem ASID(<em>asid1</em>) inconsistent with dispatcher ASID(<em>asid2</em>). <em>bcssid</em></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The BCSS being terminated does not match the subsystem address space previously in control of the SSVT. This message is issued during end-of-task processing when a storage-overlay occurs. <em>asid1</em> and <em>asid2</em> indicate the address space IDs that are inconsistent.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>Processing continues. The BCSS is flagged as terminated. The end-of-memory subsystem routines will correct this problem.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Restart the BCSS.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC11212W</th>
<th>Link for jobname(<em>jobname</em>) in ASID(<em>asid</em>) broken due to CAS(<em>casid</em>) failure. <em>bcssid</em></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The end-of-task resource manager detected that the specified Compression Address Space (CAS) ended. A message is issued for each address space that is using the terminating CAS. <em>jobname</em> indicates the name of a job that was using the address space. <em>asid</em> indicates the address space in which the job was running. <em>casid</em> indicates the CAS that has failed.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>Termination of the CAS continues. The affected user address space attempts to allocate a different CAS when compression and/or expansion is to be performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>No action is required.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMC11214W</th>
<th>Service task failure, request(<em>requesttype</em>), job(<em>jobname</em>), ASID(<em>asid</em>), TCB(<em>address</em>). <em>bcssid</em></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>A subsystem service task was processing a request on behalf of a user-initiated process when the BCSS terminated. <em>requesttype</em> indicates the type of request that was processing. <em>jobname</em> indicates the name of the job that was processing. <em>asid</em> indicates the address space in which the job was processing. <em>address</em> indicates the address of the task control block (TCB).</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The requestor is notified that the request had abended.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Issue the request again once the BCSS is available.</td>
</tr>
<tr>
<td>Message Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>BMC11217E</strong></td>
<td>Abend <code>abendcode</code> occurred during end-of-task processing. <code>bcssid</code></td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The subsystem end-of-task resource manager abended during resource clean-up. <code>abendcode</code> indicates the generated abend code.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The resource management process is attempted again. Clean-up of resources within the address space may not be completed when message BMC11219E is issued after this message.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>This message provides error-reporting information that might be required by Technical Support if you need to report a problem.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BMC11219E</strong></td>
<td>Abend <code>abendcode</code> occurred during end-of-task processing. <code>bcssid</code></td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The subsystem end-of-task resource manager abended during resource clean-up. <code>abendcode</code> indicates the generated abend code.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The resource management process is attempted again. Clean-up of resources within the address space may not be completed when this message is issued.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>This message provides error-reporting information that may be required by Technical Support if you need to report a problem.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BMC11220W</strong></td>
<td>Terminating subsystem ASID(<code>asid1</code>) inconsistent with dispatcher ASID(<code>asid2</code>). <code>bcssid</code></td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>This message is issued during end-of-task and/or end-of-memory processing and indicates that the BCSS being terminated does not match the subsystem address space previously in control of the subsystem vector table (SSVT). <code>asid1</code> and <code>asid2</code> indicate the inconsistent address space IDs.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>The BMCP address space is flagged as terminated, but facilities provided by the subsystem continue.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>Restart the BMCP.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BMC11222W</strong></td>
<td>Link for <code>jobname</code>(<code>jobname</code>) in ASID(<code>asid</code>) broken due to CAS(<code>casid</code>) failure. <code>bcssid</code></td>
</tr>
<tr>
<td><strong>Explanation:</strong></td>
<td>The end-of-task resource manager detected that the specified Compression Address Space (CAS) ended. A message is issued for each address space that is using the terminating CAS. <code>jobname</code> indicates the name of a job that was using the address space. <code>asid</code> indicates the address space in which the job was running. <code>casid</code> indicates the CAS that has failed.</td>
</tr>
<tr>
<td><strong>System Action:</strong></td>
<td>Termination of the CAS continues. The affected user address space attempts to allocate a different CAS when compression and/or expansion is to be performed.</td>
</tr>
<tr>
<td><strong>User Response:</strong></td>
<td>No action is required.</td>
</tr>
</tbody>
</table>
BMC11227E  Abend *abendcode* occurred during end-of-memory processing. *bcssid*

*Explanation:* The subsystem end-of-memory resource manager abended during resource clean-up. *abendcode* indicates the generated abend code.

*System Action:* The resource management process is retried. Clean-up of the common area resources may not be completed when message BMC11229E is issued after this message.

*User Response:* This message provides error-reporting information that may be required by Technical Support if you need to report a problem.

BMC11228I Subsystem termination completed. *bcssid*

*Explanation:* The subsystem address space has been terminated and processed by the end-of-memory or end-of-task resource manager.

*System Action:* Processing continues without an active BCSS.

*User Response:* This message is informational only.

BMC11229E  Abend *abendcode* occurred during end-of-memory processing. *bcssid*

*Explanation:* The subsystem end-of-memory resource manager abended during resource clean-up. *abendcode* indicates the generated abend code.

*System Action:* The resource management process is retried. Clean-up of the common area resources may not be completed when this message is issued.

*User Response:* This message provides error-reporting information that may be required by Technical Support if you need to report a problem.

BMC11238I ASID(*asid*) connected to cross-memory environment. *bcssid*

*Explanation:* An address space has been dynamically connected to cross-memory environment of the BCSS. *asid* indicates the ID of the address space.

*System Action:* Control returns to the problem-state caller of the cross-memory connection service routine.

*User Response:* This message is informational only.

BMC11239E Abend *abendcode* occurred during allocation processing. *bcssid*

*Explanation:* The cross-memory environment allocation service ESTAE routine received control as a result of an abend. *abendcode* indicates the generated abend code.

*System Action:* The attempt to connect to cross-memory environment of the subsystem is terminated.

*User Response:* Attempt to obtain a slip dump (SDUMP) of this situation, and contact Technical Support. The SDUMP should include the following specification: SDATA=(RGN, LSQA, NUC, SQA, CSA, LPA).
BMC11240A  *jobname in ASID(asil) waiting for consolidated subsystem restart. bcssid*

*Explanation:* A job attempted to access the BCSS. The BCSS is not active, and the job is waiting for BCSS to be restarted. *jobname* indicates the name of the job waiting for BCSS facilities. *asil* indicates the address space in which the job is executing.

*System Action:* The task issuing the message is in the wait state until the BCSS restarts. The message is deleted from the console when the job is notified of the availability of the BCSS.

*User Response:* Restart the BCSS.

BMC11250E  *ASCB(ascb) validation failed for secondary ASID(asil), FREEMAIN(<returncode>). bcssid*

*Explanation:* Verification of the secondary address space was unsuccessful because the user address space was terminated. The storage is not freed if the generated return code is not zero. *ascb* indicates the type of validation. *asil* indicates the address of the secondary address space. *returncode* indicates the generated return code from the FREEMAIN of the process-related CSA.

*System Action:* Processing continues without accessing the user address space.

*User Response:* If the user address space is still active, contact Technical Support.

BMC11252E  *Requesting TCB(tcbaddress) /RB(rbaddress), ASID(asil), job(jobname), not suspended, FREEMAIN(<returncode>). bcssid*

*Explanation:* Posting of the user process was not successful because the process was not in the wait state. The storage is not freed if the generated return code is not zero. *tcbaddress* is the address of the task control block (TCB). *rbaddress* is the address of the request block (RB). *asil* indicates the address space of the job. *jobname* indicates the name of the job making the request. *returncode* indicates the generated return code from the FREEMAIN of the process-related CSA.

*System Action:* The process is terminated.

*User Response:* If the user address space is still active, contact Technical Support.
BMC11253E  Resume process memory access failure, ASID(asid), job(jobname), SPL(spladdress). bcssid

Explanation: A memory access failure occurred when the BCSS was unable to access the address space that had attempted to OPEN or CLOSE an Access Method Control Block (ACB). This error represents a significant failure in z/OS or your product’s services. The error is probably due to the swapping out of the address space even when a DONTSWAP SYSEVENT was issued to prevent such an occurrence. This message is issued in conjunction with another message. asid indicates the address space in which the job is executing, jobname indicates the name of the job, spladdress indicates the SPL address.

System Action: The address space that opened or closed the ACB remains in the suspended state until it is cancelled.

User Response: Attempt to obtain a slip dump (SDUMP) of this situation, and contact Technical Support. The SDUMP should include the following specification: SDATA=(RGN, LSQA, NUC, SQA, CSA, LPA).

BMC11260A  jobname in ASID(asid) waiting for compression address space. bcssid

Explanation: A job attempted to access a CAS but none was available. The job is now waiting for the BCSS to start a new CAS. jobname indicates the name of the job waiting to execute. asid indicates the address space in which the job is executing.

System Action: The task attempting to access the CAS is placed in the wait state until the BCSS starts the new CAS. The message is deleted from the console when the CAS is available for use.

User Response: Ensure a CAS is started by the BCSS.

BMC11269E  Abend abendcode occurred during CAS allocation processing. bcssid

Explanation: The Compression Address Space (CAS) allocation service ESTAE routine received control as a result of an abend. abendcode indicates the generated abend code.

System Action: The attempt to allocate a CAS is terminated. A non-zero return code is provided to the calling process.

User Response: Attempt to obtain a slip dump of this situation, and contact Technical Support.
BMC11275E  Allocation request failed, ASID(asid), R15(<returncode>). reason(<reasoncode>)

Explanation: The Compression Address Space (CAS) allocation service routine was unable to successfully allocate a CAS for the requesting process. Another product might have overlaid the subsystem, or an internal subsystem error might have occurred. asid indicates the address space in which the request was made. returncode indicates the generated return code. reasoncode indicates the generated reason code.

System Action: The attempt to allocate a CAS is terminated. A non-zero return code is provided to the calling process.

User Response: Check for any product that might have overlaid the BCSS and attempt to correct the problem. If this is not applicable, contact Technical Support.

BMC11276A  jobname in ASID(asid) waiting for consolidated subsystem restart. bcssid

Explanation: A job attempted to access the BCSS. The BCSS is not active, and the job is waiting for it to be restarted. jobname indicates the name of the job waiting to execute. asid indicates the address space in which the job is executing.

System Action: The job issuing the message is placed in the wait state until the BCSS restarts. The message is deleted from the console when the job is notified of the BCSS availability.

User Response: Restart the BCSS.

BMC11279E  Abend abendcode occurred during cross-memory connection processing. bcssid

Explanation: The cross-memory connection ESTAE routine received control as a result of an abend. abendcode indicates the generated abend code.

System Action: The attempt to connect the cross-memory environment for the subsystem address space is terminated. A non-zero return code is provided to the calling process.

User Response: Attempt to obtain a slip dump of this situation, and contact Technical Support.

BMC11400I  REGISET service task has started. bcssid

Explanation: The BCSS is initializing, and the REGISET service task has been attached.

System Action: Initialization of the BCSS continues.

User Response: This message is informational only.
**BMC11408I**  REGISET service task is stopping. *bcssid*

*Explanation:* The BCSS is terminating, and the REGISET service task has been instructed to terminate.

*System Action:* Termination of the BCSS continues.

*User Response:* This message is informational only.

**BMC11502E**  CASB storage not available, R15(<returncode>). *bcssid*

*Explanation:* While processing a request for creation of a new Compression Address Space (CAS), a subsystem service task was unable to obtain storage in the extended common service area (CSA) for a control block to represent the CAS. *returncode* indicates the generated return code.

*System Action:* The request to create the CAS is flagged as incomplete.

*User Response:* Resolve the CSA storage shortage. If the problem persists, contact Technical Support.

**BMC11504E**  CAS create request failed, R15(<returncode>). *bcssid*

*Explanation:* The start command to z/OS failed. *returncode* indicates the generated return code.

*System Action:* The Compression Address Space (CAS) terminates.

*User Response:* If you cannot resolve the problem, contact Technical Support.

**BMC11506E**  CAS initialization failed, code(<returncode>). *bcssid*

*Explanation:* The newly-created Compression Address Space (CAS) sent a return code to the service task indicating that initialization of the CAS was not successful. The CAS should have issued one or more messages about its inability to initialize. *returncode* indicates the generated return code.

*System Action:* The request to create the CAS is flagged as incomplete. The requesting product issues a message about the incomplete operation.

*User Response:* If you cannot resolve the problem, contact Technical Support.

**BMC11509E**  Abend *abendcode* occurred during CAS create processing. *bcssid*

*Explanation:* The Compression Address Space (CAS) create processor abended during CAS created processing. *abendcode* indicates the generated abend code.

*System Action:* The CAS terminates.

*User Response:* Contact Technical Support with the PSW and registers.
BMC11512E  SMGETMAIN failed, R15(<returncode>), ASID(asid), TCB(tcb), size(size), SP(subpool), KEY(key), jobname(jobname). bcssid

**Explanation:** Control storage was unavailable in an address space where your product attempted to process a VSAM data set that an application attempted to open. It is possible that a limitation was placed on the amount of storage above the 16 MB line that can be allocated within an address space. *returncode* indicates the generated return code. *asid* indicates the address space of the requesting task. *tcb* indicates the task control block (TCB) of the requesting task. *size* indicates the amount of storage requested by the task. *subpool* indicates the storage pool ID. *key* indicates the hardware protect key of the storage used. *jobname* indicates the name of the job requesting the task.

**System Action:** Failsoft processing is enabled, and records placed in the VSAM data set are not compressed. Failsoft processing permits the expansion of compressed records at all times. The message BMC108402I is issued in the address space that attempted to open the VSAM data set.

**User Response:** Resolve the storage availability problem and then close and reopen the VSAM data set. This action prompts your product to process the VSAM data set normally. If attempts to resolve the storage availability problem are unsuccessful, contact Technical Support.

BMC11520I  VSAM ACB close terminated abnormally, reason(<reasoncode>). bcssid

**Explanation:** A service task, processing an Access Method Control Block (ACB) CLOSE request on behalf of a routine executing in another address space, determined that the CLOSE operation could not be completed successfully. *reasoncode* indicates the generated reason code.

**System Action:** The process requesting the ACB CLOSE is informed of the condition and usually responds by issuing an informational message.

**User Response:** This message is informational only.

BMC11544I  <Data set | cluster> (name). bcssid

**Explanation:** This message provides the data set or cluster name of the affected entity. Other messages are issued in conjunction with this message. *name* indicates the name of the data set or cluster.

**System Action:** Processing continues.

**User Response:** This message is informational only.
**BMC11545E** REGISET access error, RPLREQ(requesttype), RPLFDBK(feedback), RPLOPTCD(option), STB(address). bcssid

*Explanation:* This message is produced by the service request task whenever messages BMC11160E or BMC11162E have been issued. *requesttype* indicates the VSAM request under execution. *feedback* indicates feedback provided by VSAM that identifies the status of the request. *option* indicates the type of VSAM processing.

*System Action:* The BCSS service request processing is not completed

*Explanation:* This message may be an early indication of a REGISET problem—such as running out of space—that needs prompt attention. Contact Technical Support for assistance in identifying and resolving the condition.

**BMC11546I** RPLARG(value). bcssid

*Explanation:* This message is produced whenever an error is encountered during registration data set processing. *value* indicates the EBCDIC key being accessed.

*System Action:* Processing continues.

*User Response:* This message is informational only.

**BMC11547I** hexz(zone). bcssid
hexn(numeric). bcssid

*Explanation:* These messages are produced whenever an error is encountered during registration data set processing and is used to dump the key of the record being accessed. *zone* indicates the zone values. *numeric* indicates the numeric values.

*System Action:* Processing continues.

*User Response:* This message is informational only.

**BMC11549E** Abend abendcode occurred during request processing. bcssid

*Explanation:* An error was encountered while processing a service request for a user address space. Processing a service request is a standard function of the BCSS, and an abend indicates that a potentially serious error has occurred. *abendcode* indicates the generated abend code.

*System Action:* The indication of the abend is provided to the requestor. The requesting process usually issues an informational message describing the failed request.

*User Response:* Contact Technical Support.
BMC11700I Status, subsystem address space asid is active BCSS. bcssid
Status, task (ii), NDISP (disp), taskstatus BCSS. bcssid

Explanation: This message is issued in response to the bcssid STATUS command. If active, the BCSS returns the general purpose status message. If multiple subsystem service tasks are active in the BCSS address space, each service task has a message. asid indicates the address space in which the task is running. ii indicates the unique identifier for the service task. disp indicates the disposition. taskstatus indicates the status of the task, which can be one of the following:

- ACTIVE—The task is being processed.
- INACTIVE—The task is not being processed.
- SUSPENDED—The task is waiting for a request.
- HALTING—The task is beginning normal termination.
- STOPPING—The task is proceeding with normal termination.
- ABENDING—The task is recovering from a failure. When recovery is complete, the task returns to a SUSPENDED or ACTIVE status.

System Action: Processing continues.

User Response: This message is informational only.

BMC11790E Abend abendcode occurred during command processing. bcssid

Explanation: An operator-initiated command to BCSS abnormally terminated. It is possible that the command is detecting storage-overlay and/or control-block errors. abendcode indicates the generated abend code.

System Action: Execution of the operator-initiated command terminates.

User Response: Issue the command again. If the problem persists, contact Technical Support with the abendcode value.

BMC11800S servicename service request failed, R15(<returncode>). bcssid

Explanation: A z/OS cross-memory service was requested during Compression Address Space (CAS) initialization and was not successful. servicename indicates the service that failed: AXRES, ATSET, ETCRE, ETCON, LXDES, LXDIS, and LXRES. returncode indicates the generated return code.

System Action: CAS initialization terminates. The cross-memory service must execute successfully to complete the initialization process.

User Response: If you do not have sufficient explanation of the problem based on the return code to resolve the problem, contact Technical Support.
**BMC11840I**  
**CAS initialization completed for jobname(jobname) in ASID(asid). bcssid**

*Explanation:* A Compression Address Space (CAS) has completed initialization for a job and is ready to handle compression and/or expansion requests. *jobname* indicates the name of the job requesting CAS services. *asid* indicates the address space in which the job is executing.

*System Action:* CAS continues processing.

*User Response:* This message is informational only.

**BMC11846E**  
**CAS terminating with reason code(<reasoncode>). bcssid**

*Explanation:* The Compression Address Space (CAS) is terminating with a non-zero reason code. This message is produced when an operator manually starts the CAS without the BCSS requiring it. *reasoncode* indicates the generated reason code.

*System Action:* The CAS terminates.

*User Response:* Record the abend code for problem tracking.

**BMC11848I**  
**CAS termination completed for asid(asid). bcssid**

*Explanation:* Termination of a Compression Address Space (CAS) has completed. *asid* indicates the address space of the CAS.

*System Action:* CAS processing has terminated.

*User Response:* This message is informational only.

**BMC11850S**  
**Abend abendcode occurred during CAS processing. bcssid**

*Explanation:* An unrecoverable error occurred during Compression Address Space (CAS) processing. Normally, only IBM S80A and S878 abend codes should be expected; any other abend represents a potentially serious problem. *abendcode* indicates the generated abend code.

*System Action:* The CAS terminates.

*User Response:* Try to resolve the abend by increasing the REGION size on the BMCCAS procedure and restarting the CAS. If this is unsuccessful, contact Technical Support.

**BMC11860I**  
**LAS initialization completed for jobname(jobname) in ASID(asid). bcssid**

*Explanation:* A consolidated environment has been initialized for a job. Compression and/or expansion requests will be processed by this local environment. *jobname* indicates the name of the job. *asid* indicates the address space in which the job is executing.

*System Action:* The job continues processing.

*User Response:* This message is informational only.
**BMC11867S Abend abendcode occurred during LAS initialization. bcssid**

Explanation: An error has occurred during initialization of a LAS compression environment. *abendcode* indicates the generated abend code.

System Action: The application may be abended.

User Response: If the error resulted from being unable to load modules from the linklist, correct the linklist problem. Otherwise, use Compression Address Space (CAS) by either turning off local compression (bcssid xxx CL CAS) or by altering the program registration entries to specify CL(CAS). Contact Technical Support with appropriate LOGREC and SYSLOG.

**BMC11869E Abend abendcode occurred during LAS processing. bcssid**

Explanation: An error has occurred during LAS processing. *abendcode* indicates the generated abend code.

System Action: LAS processing terminates.

User Response: Contact Technical Support to report the PSW and registers.

**BMC11870S CASB not available to consolidated memory. bcssid**

Explanation: The control block representing a valid Compression Address Space (CAS) is not available. This message is issued whenever a CAS is started by an operator and the BCSS does not need additional compression address spaces active.

System Action: The CAS terminates.

User Response: If the START command for the CAS was issued by BCSS and not the operator, contact Technical Support.

**BMC11872S CASB(address) failed validation. bcssid**

Explanation: The control block representing a valid Compression Address Space (CAS) is not valid. This condition normally indicates a CSA overlay. *address* indicates the address of the control block.

System Action: The CAS terminates.

User Response: Examine both the BMCCAS and BCSS procedures to ensure that no STEPLIBs are being used. Contact the system programmer maintaining the BCSS modules and ensure that multiple levels of the modules are not being executed inadvertently. Cycle the BCSS. If the problem persists, contact Technical Support.
**BMC11890S** \*servicename service request failed R15(<returncode>). bcssid*

*Explanation:* A z/OS cross-memory service was requested during Compression Address Space (CAS) termination and was not successful. *servicename* indicates the service that failed: AXRES, ATSET, ETCRE, ETCON, LXDES, LXDIS, and LXRES. *returncode* indicates the generated return code.

*System Action:* The CAS abends.

*User Response:* If the IBM publication describing the service *returncode* does not provide a sufficient explanation of the problem and a resolution, contact Technical Support.

**BMC11901E** \*Module (modulename) not found, execution terminated.\*

*Explanation:* The user exit for OPEN can not be located in a STEPLIB or linklist library. *modulename* indicates the module that was not located.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* The OPEN exit, BCSUOPNE, distributed with the product, needs to be placed in a load library accessible to this program execution.

**BMC11902E** \*Consolidated subsystem unavailable, module (modulename) not found, execution terminated.\*

*Explanation:* One of the BCSS modules was not found in the link pack area. *modulename* indicates the module that was not located.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* The BCSS has not been started on the system on which the Extract program is being executed. Either start the BCSS on the affected system, or run the Extract program on a system where the BCSS is being executed.

**BMC11903E** \*BMC consolidated subsystem is not initialized, execution terminated.\*

*Explanation:* The Extract program is being executed on a system on which the BCSS is not being executed.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* Either start the BCSS on the affected system, or run the Extract program on a system where the BCSS is being executed.

**BMC11904E** \*The consolidated subsystem (subsysid) is unavailable (SSCT not found), execution terminated.\*

*Explanation:* The Extract program is being executed on a system on which the BCSS is not being executed. *subsysid* indicates the BCSS subsystem name.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* Either start the BCSS on the affected system, or run the Extract program on a system where the BCSS is being executed.
**BMC11905E** The DD statement *(ddname)* was not supplied, execution terminated.

*Explanation:* One of the two required DD statements was not supplied, or one of them was incorrectly specified on an OUTPUT control statement. *ddname* indicates the DD statement.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* Either add the missing DD statement, or correct the invalid *ddname* specified on the OUTPUT control statement.

**BMC11906E** The consolidated subsystem *(subsysid)* is unavailable (SSVT not found), execution terminated.

*Explanation:* The Extract program is being executed on a system on which the BCSS in not being executed. *subsysid* indicates the BCSS subsystem name.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* Either start the BCSS on the affected system or run the Extract program on a system where the BCSS is being executed.

**BMC11907W** The PARM field supplied is invalid and has been ignored, execution continues.

*Explanation:* The only acceptable value in the PARM field is a replacement *ddname* for the SYSIN data set. An invalid *ddname* was entered or the value supplied exceeds 8 characters.

*System Action:* The Extract program continues execution if a SYSIN DD statement has been supplied.

*User Response:* Either correct the invalid DD name or remove the PARM field from the EXEC statement.

**BMC11908E** OPEN failed for *(ddname)* DDNAME, execution terminated.

*Explanation:* An attempt to OPEN a data set failed. An IBM error message precedes this error message. *ddname* indicates the DD statement associated with the data set.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* Please refer to the appropriate IBM System Messages Manual to determine the cause of the failure.

**BMC11909E** Dynamic allocation of *(ddname)* DDNAME failed, RC(<returncode>) RSNCE(<reasoncode>), execution terminated.

*Explanation:* An attempt to dynamically allocate a data set failed. *ddname* indicates the DD statement associated with the data set. *returncode* indicates the generated return code. *reasoncode* indicates the generated reason code.

*System Action:* The Extract program terminates with a return code of 20.

*User Response:* Contact Technical Support.
BMC11910W  CARD # cardnumber, COLUMN # columnnumber. This parameter is not recognized, remainder of record ignored.

Explanation: A parameter is invalid and is assumed to be a comment. cardnumber and columnnumber indicate input record card and column where the error is located.

System Action: The Extract program ignores the remainder of the input record.

User Response: If the parameter is not a comment, correct the spelling, and resubmit the job for execution.

BMC11911W  CARD # cardnumber, COLUMN # columnnumber. The new DDNAME is missing. Remainder of record ignored.

Explanation: An attempt was made to change a ddname. The new ddname was not supplied. cardnumber and columnnumber indicate record input card and column where the error is located.

System Action: The Extract program ignores the remainder of the input record.

User Response: Either supply a new ddname, or remove the OUTPUT control statement from the input stream.

BMC11912W  CARD # cardnumber, COLUMN # columnnumber. This operand is too long. Remainder of record ignored.

Explanation: A supplied parameter is greater than 8 characters in length. cardnumber and columnnumber indicate input record card and column where the error is located.

System Action: The Extract program ignores the remainder of the input record.

User Response: Either correct the parameter, or remove the OUTPUT control statement from the input control card stream.

BMC11913E  The DD statement (ddname) was not supplied, execution terminated.

Explanation: The ddname specified in the preceding error message was not allocated. This is a required DD statement. ddname indicates the missing DD statement.

System Action: The Extract program terminates with a return code of 20.

User Response: Add the required DD statement to the job stream, and submit the job for execution.
BMC11914E  OPEN failed for (ddname) DCB, execution terminated.

Explanation: An attempt to OPEN the named Dataset Control Block (DCB) failed. An operating system message precedes this message explaining the error. ddname indicates the DD statement associated with the DCB.
System Action: The Extract program terminates with a return code of 20.
User Response: Specification of invalid DCB parameters on the DD statement could result in this error. If the problem cannot be resolved, contact Technical Support.

BMC11915E  BMC consolidated subsystem services unavailable, execution terminated.

Explanation: An attempt to retrieve a registration control record using BCSS service routines failed, indicating that the subsystem services are not available.
System Action: The Extract program terminates with a return code of 20.
User Response: Contact Technical Support.

BMC11916W  Input command not recognized. This input statement will be ignored.

Explanation: An input record contained an unsupported command. The input record is ignored.
System Action: The Extract program continues processing.
User Response: Please refer to your product’s documentation for an explanation of the valid input commands for the Extract program. Contact Technical Support for assistance if the problem can not be resolved.

BMC11917I  The DDNAME for the (ddname) DCB has been altered to (ddname).

Explanation: As requested with an OUTPUT command, the ddname for the indicated Dataset Control Block (DCB) has been altered prior to OPEN. ddname indicates the DD statement associated with the DCB.
System Action: The Extract program continues processing.
User Response: This message is informational only.

BMC11918W  No records were retrieved from the registration data set. Review your control cards.

Explanation: This execution of the Extract program resulted in no registration data set records being extracted.
System Action: The Extract program terminates with a return code of 20.
User Response: If INCLUDE or EXCLUDE commands were used, refer to your products documentation for an explanation of the keywords for these commands. Contact Technical Support for assistance if the problem cannot be resolved.
BMC11919E  A VSAM I/O request delivered to the consolidated subsystem ended with a ‘SPL’ code of code(<returncode>).

Explanation: An error was found with the request delivered to the BCSS. returncode indicates the generated return code in decimal and hexadecimal format.

System Action: The Extract program terminates with a return code of 20.
User Response: Contact Technical Support.

BMC11920E  A VSAM GET ended with a return code of returncode and a feedback code of feedback.

Explanation: A VSAM error was encountered by the BCSS processing a request for the Extract program. returncode indicates the generated return code in decimal and hexadecimal format. feedback indicates the generated feedback code in decimal and hexadecimal format.

System Action: The Extract program terminates with a return code of 20.
User Response: Contact Technical Support.

BMC11921E  The requested subsystem (subsysid) is not a compression subsystem, execution terminated.

Explanation: The subsystem requested is not a compression subsystem. subsysid indicates the invalid subsystem.

System Action: The Extract program terminates.
User Response: Correct the subsystem designation, and run the program again.

BMC11922W  EXCLUDE control statement ignored. Cannot be mixed with INCLUDE statements.

Explanation: EXCLUDE control statements are not processed with INCLUDE control statements.

System Action: The Extract program continues processing, but ignores the invalid EXCLUDE and INCLUDE statements.
User Response: Place EXCLUDE and INCLUDE control statements on separate lines before attempting another execution.

BMC11923W  INCLUDE control statement ignored. Cannot be mixed with EXCLUDE statements.

Explanation: EXCLUDE control statements are not processed with INCLUDE control statements.

System Action: The Extract program continues processing, but ignores the invalid EXCLUDE and INCLUDE statements.
User Response: Place EXCLUDE and INCLUDE control statements on separate lines before attempting another execution.
**BMC11924W**  
This record was ignored. ‘OUTPUT’ records must precede all other input records.

*Explanation:* OUTPUT control statements must precede all other input control statements.

*System Action:* The Extract program continues processing.

*User Response:* Place all OUTPUT control statements first in the input stream.

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**BMC11925E**  
ABEND *abendcode* occurred during execution. Program is terminating.

*Explanation:* An abend has occurred during the execution of BCSUEXTR. *abendcode* indicates the generated abend code.

*System Action:* The job step terminates with a return code of 20. If a SYSMDUMP, SYSUDUMP or SYSABEND DD statement was included in the job step, a dump is produced. A dump is required before the error can be corrected.

*User Response:* Contact Technical Support.

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**BMC11926W**  
The BCSSID parameter is invalid or incomplete, the parameter is ignored.

*Explanation:* The BCSSID keyword is either invalid or incomplete.

*System Action:* Processing continues.

*User Response:* Correct the BCSSID designation, and submit the request again.
Chapter 14

BMC89000–BMC89999 Messages

This section describes messages in the range of BMC89000 to BMC89999. These messages are related to processing of the Product Authorization facility.

**BMC89000A**  
**PRODUCT LOAD LIBRARY IS A REQUIRED FIELD.**

*Explanation:* The product load library must be specified.

*System Action:* The action fails.

*User Response:* Enter the product load library data set name and retry.

**BMC89001A**  
**PASSWORD IS A REQUIRED FIELD.**

*Explanation:* The action you requested requires a password to be specified.

*System Action:* The action fails.

*User Response:* Enter the password and retry. If you do not have a password, contact your sales representative to acquire one.

**BMC89002E**  
**PASSWORD MAY NOT CONTAIN BLANK CHARACTERS.**

*Explanation:* A blank is not a valid password character. Valid characters are A to Z (excluding I and O), 0–9, @, +, and =.

*NOTE*

Some nondomestic keyboards do not have the “a”t sign (@). For this reason, the asterisk (*) has been designated as a synonym for @. These two characters (@ and *) can be used interchangeably when typing passwords.

*System Action:* The action fails.

*User Response:* Correct the password and retry.
BMC89003A  SERIAL NUMBER IS A REQUIRED FIELD.

Explanation: A valid CPU serial number must be supplied. The CPU serial number consists of five hexadecimal digits.

System Action: The action fails.

User Response: Supply a valid CPU serial number and retry.

BMC89004E  SERIAL NUMBER FIELD CONTAINS INVALID CHARACTERS.

Explanation: The specified CPU serial number contains invalid characters. Valid CPU serial numbers consist of five hexadecimal digits. No blanks or special characters are allowed.

System Action: The action fails.

User Response: Supply a valid CPU serial number and retry.

BMC89005E  SERIAL NUMBER MAY NOT CONTAIN BLANK CHARACTERS.

Explanation: The CPU serial number contains a blank character and is invalid. Valid CPU serial numbers consist of five hexadecimal digits. No blanks or special characters are allowed.

System Action: The action fails.

User Response: Supply a valid CPU serial number and retry.

BMC89006A  MODEL NUMBER IS A REQUIRED FIELD.

Explanation: A valid CPU model number has not been specified. Valid CPU model numbers consist of four hexadecimal digits. No blanks or special characters are allowed.

System Action: The action fails.

User Response: Supply a valid CPU model number and retry.

BMC89007E  MODEL NUMBER FIELD CONTAINS INVALID CHARACTERS.

Explanation: The CPU model number specified contains invalid characters. Valid CPU model numbers consist of four hexadecimal digits. No blanks or special characters are allowed.

System Action: The action fails.

User Response: Supply a valid CPU model number and retry.
BMC89008E  **MODEL NUMBER MAY NOT CONTAIN BLANK CHARACTERS.**

*Explanation:* The CPU model number specified contains a blank. Valid CPU model numbers consist of four hexadecimal digits. No blanks or special characters are allowed.

*System Action:* The action fails.

*User Response:* Correct the model number and retry.

BMC89009E  **DATA SET NAME IS INVALID.**

*Explanation:* The data set name specified is not valid. Either the data set does not exist or it is not cataloged.

*System Action:* The action fails.

*User Response:* Correct the data set name and retry.

BMC89010A  **OPTION IS A REQUIRED FIELD. VALID VALUES ARE 1, 2, 3, 4, OR 5.**

*Explanation:* No menu option has been specified.

*System Action:* All functions are suppressed.

*User Response:* Type a valid option number in the selection field and retry.

BMC89011E  **INVALID OPTION. PLEASE ENTER 1, 2, 3, 4, OR 5.**

*Explanation:* The specified option is not valid.

*System Action:* All functions are suppressed.

*User Response:* Type a valid option number in the selection field and retry.

BMC89012E  **OPTION IS REQUIRED. VALID VALUES ARE 1, 2, OR 3.**

*Explanation:* No menu option has been specified.

*System Action:* All functions are suppressed.

*User Response:* Type a valid option number in the selection field and retry.

BMC89013E  **<command> IS NOT A VALID COMMAND.**

*Explanation:* The specified command is not valid.

*System Action:* The command fails.

*User Response:* Correct the command or remove the command from the command line.
YOU MAY VIEW PRODUCT AUTHORIZATION FOR THIS PRODUCT FROM ONLY ONE LOGICAL SCREEN AT A TIME.

Explanation: Product Authorization is being displayed on another panel at this time.
System Action: Product Authorization is not displayed on this panel.
User Response: Use the panel currently displaying Product Authorization or cancel that panel and resubmit on this one.

ERROR DURING DYNAMIC ALLOCATION. LOAD LIBRARY WAS NOT ALLOCATED, ERROR CODE=<code>, INFO. CODE=<code>, DDNAME=SYSLIB.

Explanation: The product authorization interface and the utility were unable to dynamically allocate the product load library. The error codes and information codes returned by the DYNALLOC macro are described in the Authorized Assembler Programming Guide and in the appendices of the ISPF help tutorial panels.
System Action: The action fails or the batch (utility) job terminates.
User Response: Verify that the correct product load library data set name was specified and that the data set exists and is cataloged on DASD. Retry the action. If failure persists, contact Technical Support for assistance.

ERROR IN INPUT DSN. PLEASE CONTACT BMC PRODUCT SUPPORT.

Explanation: The data set name for the product authorization table was not found.
System Action: All functions are suppressed.
User Response: If the data set name is wrong, correct it and resubmit. Otherwise, contact Technical Support for assistance.

PRODUCT AUTHORIZATION TABLE WAS SUCCESSFULLY UPDATED. PRESS ENTER TO CONTINUE.

Explanation: The table has been updated.
System Action: All functions have been processed.
User Response: Press Enter to continue.

THE BMC PRODUCT CODE IS MISSING OR IS INVALID. CHECK PARM= ON JCL EXEC STATEMENT.

Explanation: Either no product code or an invalid product code was specified in the PARM= parameter of the batch JCL.
System Action: The password is not processed.
User Response: Add or correct the product code in the PARM= parameter of the JCL EXEC statement.
BMC89051E UNRECOGNIZABLE OR INCOMPLETE PARAMETER ON THE CURRENT INPUT CONTROL STATEMENT.

Explanation: A parameter on the input control statement is incorrect.
System Action: The password is not processed.
User Response: Correct the parameter and retry.

BMC89052E MODEL NUMBER CANNOT BE LONGER THAN FOUR CHARACTERS.

Explanation: A model number consisting of more than four characters was specified in the batch JCL. Model numbers cannot be longer than four characters.
System Action: The password is not processed.
User Response: Correct the model number and retry.

BMC89053E SERIAL NUMBER MUST BE 5 HEXADECIMAL CHARACTERS WITH DELIMITING HYPHEN.

Explanation: The serial number must be followed by a delimiting hyphen (-).
System Action: The password is not processed.
User Response: Insert a hyphen between the serial number and the model number and retry.

BMC89054E THE FIRST CHARACTER OF THE BMC PRODUCT CODE CANNOT BE A NUMBER. PLEASE CORRECT AND RERUN THE JOB.

Explanation: The first character of the product code is invalid.
System Action: The password is not processed.
User Response: Correct the first character of the product code in the PARM= field on the JCL EXEC statement.

BMC89055E THE PASSWORD MUST BE FORMATTED AS “PSWD=PPP,PPP,PPP,PPP” OR “PSWD=PPPPPPPPPPPP” OR “PPP PPP PPP PPP.”

Explanation: The password in the batch JCL has been specified incorrectly. The password can be specified as 12 consecutive characters without spaces, or in four sets of three characters with each set separated by a comma or a blank space.
System Action: The password is not processed.
User Response: Correct the password and resubmit.
**OBMC89057E** OPEN FAILURE FOR DDNAME=SYSIN.

Explanation: The Product Authorization utility batch program was unable to open the data set specified by the SYSIN DD statement.

System Action: The batch program terminates.

User Response: Correct the data set name specified on the SYSIN DD statement and resubmit the job.

**OBMC89058E** MODEL NUMBER CONTAINS INVALID CHARACTERS.

Explanation: At least one character in the model number specified in the batch JCL is invalid. Only hexadecimal characters (0 to 9 and A to F) are allowed in the model number.

System Action: The password is not processed.

User Response: Correct the model number and resubmit.

**OBMC89059E** SERIAL NUMBER CONTAINS INVALID CHARACTERS.

Explanation: At least one character in the serial number specified in the batch JCL is invalid. Only hexadecimal characters (0 to 9 and A to F) are allowed in the serial number.

System Action: The password is not processed.

User Response: Correct the serial number and resubmit.

**OBMC89060E** THIS PASSWORD REQUIRES “NEWCPUID” KEYWORD FOR THE CPU ID TO BE ADDED.

Explanation: The Add password being processed requires specification of the NEWCPUID keyword, and none was specified.

System Action: The password is not processed.

User Response: Specify the NEWCPUID keyword on your input control statement.

**OBMC89061E** THIS PASSWORD REQUIRES “OLDCPUID” KEYWORD FOR THE CPU ID TO BE DELETED.

Explanation: The Delete password being processed requires specification of the OLDCPUID keyword, and none was specified.

System Action: The password is not processed.

User Response: Specify the OLDCPUID keyword on your input control statement.
**BMC89062E**  PASSWORD TO UPDATE AN EXISTING CPU ID ENTRY REQUIRES “OLDCPUID” KEYWORD.

*Explanation:* The Update password being processed requires specification of the OLDCPUID keyword, and none was specified.

*System Action:* The password is not processed.

*User Response:* Specify the OLDCPUID keyword on your input control statement.

**BMC89063E**  THIS PASSWORD REQUIRES “NEWCPUID” AND “OLDCPUID” KEYWORDS.

*Explanation:* The Replace password being processed requires specification of the NEWCPUID and OLDCPUID keywords, and neither was specified.

*System Action:* The password is not processed.

*User Response:* Specify the NEWCPUID and OLDCPUID keywords on your input control statement.

**BMC89064W**  ERRORS CAUSED TERMINATION. SOME OR ALL REQUESTS DID NOT COMPLETE SUCCESSFULLY.

*Explanation:* The input data contains one or more errors.

*System Action:* Processing terminates at the point of the error.

*User Response:* Examine the input control statements for errors.

**BMC89065I**  ALL REQUESTS COMPLETED SUCCESSFULLY.

*Explanation:* All requested functions have been processed.

*System Action:* The product load library is updated.

*User Response:* None. This message is informational only.

**BMC89069E**  PERMANENT PRODUCT AUTHORIZATION TABLE’S GRACE PERIOD IS INVALID. PLEASE CONTACT BMC PRODUCT SUPPORT.

*Explanation:* An error occurred, invalidating the table’s grace period. The table must be rebuilt.

*System Action:* All functions are suppressed.

*User Response:* Contact Technical Support for assistance.

**BMC89070E**  ISPF V3 REQUIRED. USE BATCH UPDATE PGM INSTEAD.

*Explanation:* ISPF Version 3 (or higher) is required to run the online customer interface.

*System Action:* The online customer interface terminates.

*User Response:* Use the batch update program.
BMC89100E  INTERNAL ERROR, RC = <returncode>. PLEASE CONTACT BMC PRODUCT SUPPORT.

  Explanation: A processing error occurred.
  System Action: The function is not performed.
  User Response: Contact Technical Support for assistance. Make a note of the return code in the message.

BMC89101E  PASSWORD CONTAINS INVALID CHARACTERS.

  Explanation: The password contains one or more invalid special characters. The only special characters permitted are @, =, and +.
  System Action: The password is not processed.
  User Response: Correct the password and resubmit.

BMC89102E  PASSWORD CONTAINS ILLEGAL CHARACTERS (I AND/OR O).

  Explanation: The password contains one or more of the letters I and/or O. These letters are not permitted in passwords.
  System Action: The password is not processed.
  User Response: Correct the password and resubmit.

BMC89104E  PASSWORD DOES NOT MATCH SERIAL NUMBER AND MODEL NUMBER.

  Explanation: The specified password is not correct for the CPU serial number and model number specified; or if the batch interface was used, the product code in the PARM statement is not correct. To obtain your CPU serial and model numbers, log on to the processor and

  - select the Display current processor information option from the Product Authorization Primary Menu and submit the product authorization batch program with the LIST option
  
  - issue the z/OS operator command D M=CPU from the system console

  System Action: The password is rejected.
  User Response: Verify that the CPU serial number and model number specified are correct. If incorrect, retry the action specifying the proper numbers. If correct, contact Technical Support for assistance.

  If the batch program was used, verify that the three-character product code specified in the PARM= statement is correct. If the product code is correct, but the job still fails, contact Technical Support for assistance.
BMC89105E  PASSWORD IS INCORRECT. PLEASE VERIFY AND RE-ENTER THE PASSWORD.

Explanation: The specified password is not correct.
System Action: The password is rejected.
User Response: Verify that the password and the product code have been specified correctly and retry. If the password continues to be rejected, contact Technical Support for assistance.

BMC89106E  COULD NOT FIND THE EXISTING CPU ID ENTRY THAT WAS TO BE DELETED.

Explanation: An attempt was made to delete an entry in the product authorization table, but the entry could not be found. This error usually indicates that the wrong product library was specified.
System Action: No changes are made to the product authorization table.
User Response: Verify that the correct product load library is specified and retry. Entries in the product authorization table can be viewed by selecting the Display product authorization option from the Product Authorization Primary Menu or by submitting the product authorization batch program with the LIST option.

BMC89107E  ATTEMPTING TO ADD A CPU ID THAT IS ALREADY IN THE TABLE.

Explanation: This CPU is already authorized for this product.
System Action: The password is not processed.
User Response: Determine whether the CPU ID is correct. You may need to display current processor information.

BMC89108W  PRODUCT IS NOT AUTHORIZED TO EXECUTE. PLEASE ENTER BMC-SUPPLIED PASSWORDS.

Explanation: There is no currently authorized CPU in the product load library.
System Action: The product will not execute.
User Response: Use a password to add an entry for the correct processor to the product load library.

BMC89110I  PRODUCT AUTHORIZATION TABLE WAS SUCCESSFULLY BUILT/UPDATED. YOU ARE NOW AUTHORIZED TO EXECUTE THIS PRODUCT ON ANY PROCESSOR UNTIL <mm/dd/yyyy>. PRESS ENTER TO CONTINUE.

Explanation: The product authorization table has been modified to temporarily allow execution of this product until the indicated date.
System Action: None.
User Response: None. If you have a permanent license for this product, contact your sales representative to obtain a permanent license password.
BMC89111E  RC=<n> WHILE ATTEMPTING TO DECODE THE EXPIRATION DATE.

Explanation: The Product Authorization utility was unable to decode the expiration date due to an internal error.
System Action: The action fails, or the batch job terminates.
User Response: Note the return code and contact Technical Support for assistance.

BMC89112W  THERE ARE NO ENTRIES FOR LICENSED PROCESSORS.

Explanation: There are no authorized CPUs in the product load library.
System Action: The product does not execute.
User Response: Use a password to add an entry for the correct processor to the product load library.

BMC89113E  DATA SET DOES NOT EXIST OR IS NOT CATALOGED.

Explanation: The load library specified cannot be found.
System Action: The action fails, or the batch job terminates.
User Response: Correct the product load library data set name or catalog the data set and retry.

BMC89114E  OBTAIN ERROR. DATA SET MAY BE ARCHIVED.

Explanation: The load library specified cannot be found and might be archived.
System Action: The action fails, or the batch job terminates.
User Response: Verify the product load library data set name or restore the data set and retry.

BMC89115E  DATA SET IS NOT A VALID LOAD LIBRARY.

Explanation: The specified load library is not a partitioned data set. The product authorization interface and utility expects the product load library to be a partitioned data set.
System Action: The action fails, or the batch (utility) job terminates.
User Response: Verify that the correct product load library data set name was specified. The product load library should be a partitioned data set. If it is not partitioned, check to ensure that the product was correctly installed. Retry the action. If failure persists, contact Technical Support for assistance.
**BMC89116E**  
**THIS TEMPORARY AUTHORIZATION PASSWORD CONTAINS AN EXPIRATION DATE THAT HAS ALREADY EXPIRED.**

*Explanation:* The expiration date for the temporary password must be equal to, or greater than, the current date to be valid.

*System Action:* The password is not processed.

*User Response:* Contact your sales representative.

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**BMC89117E**  
**THE PRODUCT AUTHORIZATION TABLE IS FULL. NO NEW CPU IDS CAN BE ADDED.**

*Explanation:* The maximum number of processors has been stored in this product authorization table.

*System Action:* The password is not processed.

*User Response:* If some processors in the table are no longer being used, they can be deleted to make room for this processor. Contact your sales representative to obtain a Delete password. If no processors can be deleted, call Technical Support for assistance.

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**BMC89118E**  
**TEMPORARY AUTHORIZATION PASSWORD DOES NOT CORRESPOND TO THE CURRENT BMC PRODUCT.**

*Explanation:* The temporary authorization in your product authorization library is for a product other than the one that you are attempting to execute.

*System Action:* The product does not execute.

*User Response:* Contact Technical Support for assistance.

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**BMC89119E**  
**I/O ERROR WHILE ATTEMPTING TO READ PRODUCT AUTHORIZATION TABLE (DDNAME=SYSLIB).**

*Explanation:* The system is unable to read the product authorization table.

*System Action:* All functions are suppressed.

*User Response:* After several attempts are made to read the table, the table might have to be rebuilt. Contact Technical Support for assistance.

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**BMC89120E**  
**COULD NOT FIND THE EXISTING CPU ID ENTRY THAT WAS TO BE REPLACED.**

*Explanation:* An attempt was made to apply a Replace password, but the processor to be replaced in the product authorization table cannot be found.

*System Action:* The password is not processed.

*User Response:* Either the old CPU ID or the password was specified incorrectly. Correct the specification and retry. If failure persists, contact Technical Support for assistance.
BMC89121E  PERMANENT PRODUCT AUTHORIZATION TABLE WAS NOT FOUND, BUT THE PASSWORD SPECIFIES A "DELETE" OR "REPLACE" ACTION.

Explanation: An attempt was made to apply a Delete or a Replace password, but the system cannot locate a product authorization table for this product.

System Action: The password is not processed.

User Response: Contact Technical Support for assistance.

BMC89122E  ATTEMPTING TO ADD A NEW CPU ID TO A NEW TABLE, BUT SERIAL NUMBER AND MODEL NUMBER WERE NOT SPECIFIED.

Explanation: The serial number and the model number are required before the password can be processed.

System Action: The password is not processed.

User Response: Add the CPU ID and the model number and resubmit.

BMC89123E  PERMANENT PRODUCT AUTHORIZATION TABLE IS INVALID. PLEASE CONTACT BMC PRODUCT SUPPORT.

Explanation: An error invalidated the product authorization table. The table needs to be rebuilt.

System Action: All functions are suppressed.

User Response: Contact Technical Support for assistance.

BMC89124E  TEMPORARY PRODUCT AUTHORIZATION TABLE IS INVALID. PLEASE CONTACT BMC PRODUCT SUPPORT.

Explanation: An error invalidated the product authorization table. The table needs to be rebuilt.

System Action: All functions are suppressed.

User Response: Call Technical Support for assistance.

BMC89125E  THIS PASSWORD IS NO LONGER VALID. IT CANNOT BE USED TO ACTIVATE OR CHANGE YOUR PRODUCT LICENSE. PLEASE CONTACT YOUR BMC SALES REPRESENTATIVE.

Explanation: The password has expired.

System Action: The password is not processed.

User Response: Contact your sales representative or Technical Support for assistance.
I/O ERROR WHILE ATTEMPTING TO WRITE PRODUCT AUTHORIZATION TABLE (DDNAME=SYSLIB).

Explanation: A write error occurred.

System Action: All functions are suppressed.

User Response: Verify that the data set name is correct and that it is partitioned. If you are unable to resolve the problem, contact Technical Support for assistance.

PROCESSOR WAS SUCCESSFULLY ADDED TO THE PRODUCT AUTHORIZATION TABLE. YOU ARE NOW AUTHORIZED TO EXECUTE THIS PRODUCT ON SERIAL NUMBER <nnnnn>, MODEL NUMBER <mmmmm>. PRESS ENTER TO CONTINUE.

Explanation: The product authorization table was modified to allow execution of this product on the CPU with the serial and model numbers indicated in the message.

System Action: None.

User Response: None. This message is informational only.

PROCESSOR (SERIAL NUMBER <nnnnn>, MODEL NUMBER <mmmmm>) WAS SUCCESSFULLY DELETED FROM THE PRODUCT AUTHORIZATION TABLE. PRESS ENTER TO CONTINUE.

Explanation: The product can no longer be executed on the processor with the serial and model numbers indicated in the message.

System Action: None.

User Response: None. This message is informational only.

PROCESSOR WAS SUCCESSFULLY REPLACED IN THE PRODUCT AUTHORIZATION TABLE. YOU ARE NOW AUTHORIZED TO EXECUTE THIS PRODUCT ON SERIAL NUMBER <nnnnn>, MODEL NUMBER <mmmmm>. PRESS ENTER TO CONTINUE.

Explanation: The Replace password updated the table. The processor with the serial and model numbers indicated in the message is now authorized to use this product.

System Action: The password has been processed.

User Response: None. This message is informational only.

PROCESSOR (SERIAL NUMBER <nnnnn>, MODEL NUMBER <mmmmm>) WAS SUCCESSFULLY MODIFIED IN THE PRODUCT AUTHORIZATION TABLE. PRESS ENTER TO CONTINUE.

Explanation: The Modify password updated the product authorization table for the processor with the serial and model numbers indicated in the message.

System Action: The password has been processed.

User Response: None. This message is informational only.
Abend Codes

RUV can issue the abend codes listed in the following table.

For some abend codes, the table includes a brief statement of the action you can take to resolve the problem.

<table>
<thead>
<tr>
<th>Abend #</th>
<th>Description of Abend</th>
<th>Actions to resolve the problem</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>could not obtain xDSA storage</td>
<td>Increase region size and rerun the job.</td>
</tr>
<tr>
<td>101</td>
<td>heap overflow</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>102</td>
<td>load request failed</td>
<td>Insure the RUV are in the STEPLIB or LINKLIB concatenation sequence.</td>
</tr>
<tr>
<td>104</td>
<td>could not obtain storage</td>
<td>Increase region size and rerun the job.</td>
</tr>
<tr>
<td>105</td>
<td>could not release storage</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>106</td>
<td>NTS create failed</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>107</td>
<td>NT delete failed</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>108</td>
<td>NT retrieve failed</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>109</td>
<td>construct failed</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>110</td>
<td>destruct failed</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>111</td>
<td>length exceeds max allowed</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>112</td>
<td>RUVZOBJ detected invalid token</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>113</td>
<td>invalid repository record or data item encountered by the repository object</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>114</td>
<td>internal Logic error</td>
<td>This code is used when a program has determined it does not recognize a value, parameter, or other and therefore cannot determine a logical execution path.</td>
</tr>
<tr>
<td>115</td>
<td>attempt to re-enter an object currently in use by another task</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>116</td>
<td>could not create a batch log or journal a VSAM file and user requested job termination</td>
<td>Call Customer Support.</td>
</tr>
<tr>
<td>117</td>
<td>external vendor error</td>
<td>See associated message.</td>
</tr>
</tbody>
</table>