IBM Application Recovery Tool for IMS and DB2 Databases
Version 1  Release 2

Messages and Codes
Before using this information and the product it supports, be sure to read the information under "Notices," on page 205.

This edition applies to Version 1 Release 2 of the IBM Application Recovery Tool for IMS and DB2 Databases, Program Number 5697-F56, and to all subsequent releases and modifications until otherwise indicated in new editions.

This edition replaces SC27-1114-01.

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This manual describes the messages, abends and return codes issued by the program components of IBM Application Recovery Tool for IMS and DB2 Databases.

Who should read this book

This book is intended for use by programmers, operators, and system support personnel to advise them about the state of a function in this product and the actions required to correct a given problem. For information on the Application Recovery Tool for IMS and DB2 Databases product, see the Application Recovery Tool for IMS and DB2 Databases User’s Guide SC27-0980.

Conventions and terminology used in this book

In this book, Application Recovery Tool for IMS and DB2 Databases is referred to as Application Recovery Tool.

Service updates and support information

To find service updates and support information, including software FixPaks, PTFs, Frequently Asked Question (FAQs), technical notes, troubleshooting information, and downloads, refer to the following Web address:

www.ibm.com/software/data/db2imstools/support.html

Prerequisite knowledge

Before using this book, you should be familiar with basic IMS and DB2 concepts and with your installation’s IMS and DB2 systems.

For a list of related publications, see “Bibliography” on page 209.

Where to find information

The Data Management Tools Library Web page provides current product documentation that you can view, print, and download. To locate publications with the most up-to-date information, refer to the following Web address:

www.ibm.com/software/data/db2imstools/library.html

IBM Redbooks that cover Data Management Tools are available from the following Web address:

www.ibm.com/software/data/db2imstools/support.html

The technical changes for this edition are summarized under Chapter 1, “Summary of changes,” on page 1. Specific changes since the previous edition of this book are indicated by a vertical bar (|) to the left of a change. Editorial changes that have no technical significance are not noted.
Always check the Data Management Library page for the most current version of this publication:

http://www.ibm.com/software/data/db2imstools/library.html

**Accessibility features**

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use a software product successfully. The major accessibility features in Application Recovery Tool for IMS and DB2 Databases enable users to:

- Use assistive technologies such as screen readers and screen magnifier software. Consult the assistive technology documentation for specific information when using it to access z/OS interfaces.
- Customize display attributes such as color, contrast, and font size.

**How to send your comments**

Your feedback is important in helping to provide the most accurate and high-quality information. If you have any comments about this book or any other Application Recovery Tool documentation:

- Send your comments by e-mail to dmtinfo@us.ibm.com. Be sure to include the name of the book, the part number of the book, the version of Application Recovery Tool and, if applicable, the specific location of the text you are commenting on (for example, a page number or table number).
- Fill out one of the forms at the back of this book and return it by mail, by fax, (all countries: 800-426-7773), or by giving it to an IBM representative.
Chapter 1. Summary of changes

This section summarizes significant changes for this release. Changes in the manual are identifiable by revision bars (|) in the margin of the text. Editorial changes are not marked.

SC27-1114-02 – October 2011
• Messages for DB2 10 exploitation and other new features have been added.

General enhancements

The manual reflects the new name of the product.

Additional messages

Several new messages have been added at the end of the previously existing messages.
This chapter lists and describes the messages, abends and return codes issued by the program components of Application Recovery Tool.

### Meaning of messages

There are two types of Application Recovery Tool messages:

- **General messages that explain how a function is progressing**
  These messages provide information such as the processing time stamp or the name of the JCL skeleton. These messages generally require no action on your part.

- **Information, warning, or error messages, which are issued only if particular or abnormal conditions occur**
  These messages are listed in alphabetical order and explained in Chapter 3, "Error messages," on page 5.

Application Recovery Tool messages are numbered as follows:

\[
\text{AAAAAA-X}
\]

where:

- **AAAAAA**
  is the name of the function that is running or the suffix of the CSECT name sending the message

- **nnn**
  is the message number for the CSECT AAAAAA

- **X**
  is equal to I (information), W (warning) or E (error). Generally, an error message (X=E) means that processing has stopped.

### Meaning of return codes

Return codes have different meanings according to the type of processing: either interactive or batch.

#### Interactive processing

In case of a failure during interactive processing (function return code=NOT NULL), the function displays error messages while Application Recovery Tool remains available for new commands.

System problems are intercepted by ISPF.

#### Batch processing

A failure during the batch processing (function return code=NOT NULL) generates an abend 4001, except in the case of a system problem as described below.

However, a return code \( n \) will be issued if you specify RC=\( n \) in the CUSTOM parmlib member. The default value of RC is set to 0, which means that any error will lead to an abend 4001 unless a different value is specified.
To obtain a dump in case an abend 4001 occurs, specify DEBUG=Y in the command.

A system problem during processing will lead to an abend 4002.

User abends

When running the DRMEXEC function in batch mode, the following abends can be issued:

- **Abend 4001** indicates that the DRMEXEC function did not run correctly.
- **Abend 4002** indicates that a non-ISPF system abend occurred.
- **Abend 4003** indicates that an ISPF error occurred.
- **Abend U4010** indicates that linklib has not been defined in the SYS1.PARMLIB link list.

**User Response**: Carefully examine the processing report to find the messages that explain the reason for the error.

When TSO authorizations are missing, **Abend U4010** is issued. The abend could be caused by either of the following conditions:

- DRMCMDO has been loaded from a non-APF library, possibly because of concatenation, or because DRMCMDO is not in either link list or in APF steplib/joblib. In this case, R15=FFFFFFFC.
- DRMAUTH is not correctly declared in the IKJTSOnn of the SYS1.PARMLIB, or the TSO PARMLIB UPDATE (n) command has been issued to update the IKJTSOnn used by the system. Or, the site is using ACF2. If so, RMAUTH should be declared as an authorized command processor in ACF2 (not in RACF or TSS). In this case, R15 contains an address.

Commands

Each Application Recovery Tool function uses a set of parameters that are composed of parmlib members and that specify the default values, as well as the command to be issued. This command is read in SYSIN for batch processing or in the command line for interactive processing. Thus, the term “command” refers either to the SYSIN in batch mode or to the command line in interactive mode when reading the message explanations.
Chapter 3. Error messages

Messages DRMAMS-nnnX

DRMAMS-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is issued prior to other messages that describe the errors (in this case, a problem during IDCAMS processing).

Severity: Abend 4001

User response: Examine the messages issued by IDCAMS and make the necessary corrections.
Messages DRMDCHEK-nnnX

DRMDCHEK-001E  FATHER jobname NOT RUNNING, CHECK FAILED.
Explanation: The CHECK operation of type ‘START’ did not find the generating job named jobname.
Severity: Abend 4001
User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-002E  FATHER jobname IS RUNNING BUT HAS REQUIRED A PURGE FOR THIS JOB.
Explanation: The CHECK operation ‘START’ has found the generating job jobname, but it has requested the PURGE of the generated job because of a coordination problem.
Severity: Abend 4001
User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-003E  START INTERNAL ERROR
Explanation: The CHECK operation ‘START’ has failed.
Severity: Abend 4001
User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-004E  HANDSHAKING TIMEOUT REACHED
Explanation: The CHECK operation ‘START’ has failed. The maximum wait time for the reply from the generating job has been exceeded.
Severity: Abend 4001
User response: Restart the process; otherwise contact your IBM representative.

DRMDCHEK-005E  INVALID TYPE type PARAMETER. CORRECT VALUES ARE “START” OR “END”.
Explanation: The value type of the parameter TYPE is invalid. Only the values “START” and “END” are accepted.
Severity: Abend 4001
User response: Check the value of the TYPE parameter specified in the member DRMKJCHS (“START” necessary) or in the member DRMKJCHE (“END” necessary) of the parmlib.

DRMDCHEK-006I  AWAITING NOW ON THE CONDITION condname...
Explanation: This message indicates when DRMDCHEK started waiting on condname of the generating job jobname.
Severity: Abend 4001

User response: None, informational message.

DRMDCHEK-004I  HANDSHAKING COMPLETED AT TIME hh:mm:ss.d
Explanation: This message indicates that DRMDCHEK successfully has informed the generating job jobname that the generated job had been processed.
Severity: Abend 4001
User response: None, informational message.

DRMDCHEK-005I  AN ABEND HAS BEEN ISSUED BECAUSE JOBCHECK=, PARM VALUE IS “Y”
Explanation: When DRMDCHEK detects a synchronization error between the generating job and the generated job, an abend is forced if the parameter JOBCHECK is set to Y.
Severity: Abend 4001
User response: None, informational message.

DRMDCHEK-006I  AWAITING NOW ON THE CONDITION condname...
Explanation: This message indicates when DRMDCHEK started waiting on condname of the generating job jobname.
Severity: Abend 4001
<table>
<thead>
<tr>
<th>User response:</th>
<th>None, informational message.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DRMDCHEK-006W</strong> FATHER jobname IS RUNNING BUT NO LONGER CONTROLS THIS JOB.</td>
<td><strong>Explanation:</strong> The CHECK operation ‘END’ has detected a coordination problem with the generating job <em>jobname</em>.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>None, warning message.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-007I</strong> READY SIGNAL RECEIVED AT TIME hh:mm:ss.d...</td>
<td><strong>Explanation:</strong> This message indicates when the ready signal was received.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>Abend 4001</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>None, informational message.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-007W</strong> END INTERNAL ERROR</td>
<td><strong>Explanation:</strong> The CHECK operation ‘END’ has detected a coordination problem with the generating job.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>None, warning message.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-008W</strong> HANDSHAKING TIMEOUT REACHED</td>
<td><strong>Explanation:</strong> The CHECK operation ‘END’ has failed. The maximum wait time to reply to the generating job has been exceeded.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>None, warning message.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-009W</strong> FATHER jobname NOT RUNNING, CHECK FAILED AND BYPASSED.</td>
<td><strong>Explanation:</strong> The CHECK operation ‘END’ has failed. The generating job with the name <em>jobname</em> is no longer active.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>Abend 4001</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>Restart the process; otherwise contact your IBM representative.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-011E</strong> CONDITION jobcond TIMEOUT REACHED</td>
<td><strong>Explanation:</strong> The WAIT operation on the condition <em>jobcond</em> has failed. The maximum wait time of the condition has been exceeded.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>Abend 4001</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>Restart the process; otherwise contact your IBM representative.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-012E</strong> FATHER jobname HAS REQUIRED A CANCEL FOR THIS JOB</td>
<td><strong>Explanation:</strong> The generating job <em>jobname</em> has requested a cancel of the current job.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>Abend 4001</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>Restart the process; otherwise contact your IBM representative.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-019I</strong> NOTHING TO DO FOR DB2 PARM SET.</td>
<td><strong>Explanation:</strong> None of the objects of the selected objects was relevant for the requested process (CHECK DATA). No daughter job/JCL is created.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>Check preceding messages for detailed explanations.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-020I</strong> CHECK DATA UTILITY MAY NOT BE RUN ON XML TABLESPACE dbname.tsname</td>
<td><strong>Explanation:</strong> The mentioned table space since is an XML table space, and the DB2 release of the subsystem does not allow running CHECK DATA against such table spaces. The XML table space is excluded from processing.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>No action is required.</td>
</tr>
<tr>
<td><strong>DRMDCHEK-033E</strong> YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION</td>
<td><strong>Explanation:</strong> Either the &amp;apptool2; license used on your site prohibits access to the required function or the CPU is not authorized to use &amp;apptool2;.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>Abend 4001</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>Contact your IBM representative.</td>
</tr>
</tbody>
</table>

Chapter 3. Error messages
Explanation: No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

Severity: Abend 4001

User response: No action is required.

DRMDCHEK-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above messages describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and make the necessary corrections.
Messages DRMDBASE-nnnX

DRMDBASE-096E  INVALID REQUEST

Explanation: The SQL statement to process is not recognized by module DRMDBASE.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMDBASE-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and make the necessary corrections. Otherwise, contact your IBM representative.
Messages DRMEXEC-nnnX

**DRMEXEC-001E**  ddname ALLOCATION ERROR  
rc/rs

**Explanation:** The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the Return code and *rs* the reason code.

**Severity:** Abend 4001

**User response:** Check the existence and the features of the data set whose ddname is *ddname*. Also, examine the return code and the reason code in the message to find the cause of the error and correct it.

**DRMEXEC-001I**  CURRENT PARMLIB IS dsname

**Explanation:** This message indicates the dsname of the parmlib used.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMEXEC-002I**  ALREADY ACTIVE ON THE OTHER SCREEN; EXIT DONE.

**Explanation:** This message is issued when an ISPF screen is on split screen mode and indicates that Application Recovery Tool is already performing interactive processing on one of the screens. The initiated process is cancelled. You must access Application Recovery Tool on the initial screen.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMEXEC-006E**  ddname dsname NOT ALLOCATED

**Explanation:** The dynamic allocation of the data set with the ddname *ddname* and the dsname *dsname* has failed. This message is followed by the message DRMEXEC-001E that specifies the return code and the reason code.

**Severity:** Abend 4001

**User response:** Check the existence and the features of the data set having the ddname *ddname* and the dsname is *dsname*.

**DRMEXEC-008E**  PARM SYNTAX ERROR

**Explanation:** The PARM parameter of the EXEC card of the JCL starting the processing of DRMEXEC contains a syntax error.

**Severity:** Abend 4001

**User response:** Correct the syntax of the PARM parameter of the EXEC card of the JCL starting the processing of DRMEXEC.

**DRMEXEC-010E**  Obtain best BLKSIZE failed

**Explanation:** The read of the BLKSIZE by an OBTAIN DSCB for one of the data sets having the ddnames CSXPLIB, ISPMLIB, ISRMLIB, ISPTLIB, ISRTLIB, and PROCLIB has failed.

**Severity:** Abend 4001

**User response:** Check the existence and the features of the data sets specified above. The dsnames of these data sets are specified in the DRMXSYSS member of the parmlib (ISPMLIB, ISRMLIB, ISPTLIB, ISRTLIB, and the optional library PROCLIB), or in the JCL (CSXPLIB, that has a default value copied during the installation in the module DRMEXEC by the job contained in the member DRM#XINS of the parmlib).

**DRMEXEC-012E**  LOADLIB dsname NOT ALLOCATED

**Explanation:** The dynamic allocation of the data set LOADLIB having the dsname *dsname* has failed. This message is followed by the message 001E that specifies the return code and the reason code.

**Severity:** Abend 4001

**User response:** Check the existence and the features of the data set having the dsname *dsname*.

**DRMEXEC-013E**  LIBDEF ERROR ON: libname LIBRARY (ddname)

**Explanation:** The requested LIBDEF with the parameters *libname*, LIBRARY, and (*ddname*) has failed.

**Severity:** Abend 4001

**User response:** Check the existence and the features of the data sets having the ddnames *ddname* and *libname*.

**DRMEXEC-014E**  ISPLLIB dsname NOT ALLOCATED

**Explanation:** The dynamic allocation of the data set ISPLLIB having the dsname *dsname* has failed. This message is followed by the message DRMEXEC-001E that specifies the return code and the reason code.

**Severity:** Abend 4001

**User response:** Check the existence and the features of the data set having the dsname *dsname*.

**DRMEXEC-015E**  EXEC PARM MISSING

**Explanation:** The PARM parameter of the EXEC card of the JCL starting the processing of DRMEXEC is not formatted correctly. This parameter must start with the name of the function to be processed, using the format PARM= (FUNCTION).
Severity: Abend 4001
User response: Add the PARM parameter to the EXEC card of the JCL starting the processing of DRMEXEC, mentioning at least the name of the function to be processed.

DRMEXEC-016I  NULL FLAG IS SET IN DRMXRUN MEMBER. DUMMY EXECUTION DONE

Explanation: The NULL parameter of the DRMXRUN member of the parmlib is ‘Y’, and no batch processing occurs. See the Customization chapter in Application Recovery Tool for IMS and DB2 Databases User’s Guide, SC27-0980 for information on DRMXRUN.

Severity: Abend 4001
User response: None, informational message.

DRMEXEC-017I  PARMLIB DSN IS dsname

Explanation: This message follows the DRMEXEC-016I and specifies the dsname dsname of the parmlib used.

Severity: Abend 4001
User response: None, informational message.

DRMEXEC-018E  INVALID ISPMLIB

Explanation: The ISPV01 member does not exist in the ISPMLIB library whose dsname is mentioned in the DRMXSYSS member of the parmlib.

Severity: Abend 4001
User response: Correct accordingly.

DRMEXEC-019E  INVALID ISPTLIB

Explanation: The ISPSPROF member does not exist in the ISPTLIB library whose dsname is mentioned in the SYSIDS member of the parmlib.

Severity: Abend 4001
User response: Correct accordingly.

DRMEXEC-020E  INVALID ISRMLIB

Explanation: The ISREI00 member does not exist in the ISRMLIB library whose dsname is mentioned in the DRMXSYSS member of the parmlib.

Severity: Abend 4001
User response: Correct accordingly.

DRMEXEC-021E  INVALID ISRTLIB

Explanation: The ISRPROF member does not exist in the ISRTLIB library whose dsname is mentioned in the DRMXSYSS member of the parmlib.

Severity: Abend 4001
User response: Correct accordingly.

DRMEXEC-022E  CORRECT THE DRMXSYSS MEMBER OF CURRENT PARMLIB

Explanation: This message follows one of the messages DRMEXEC-018E, 019E, 020E and 021E, indicating the action to undertake.

Severity: Abend 4001
User response: Correct accordingly.

DRMEXEC-023E  YOU ARE NOT AUTHORIZED TO RUN APPLICATION RECOVERY TOOL

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001
User response: Contact your IBM representative.

DRMEXEC-024E  MODULE DRMISTIM NOT FOUND IN SDRMLOAD LIBRARY

Explanation: The DRMISTIM module was not found in the library that was specified by the CLOAD parameter in the DRMXPROD member of the current PARMLIB.

Severity: Abend 4001
User response: Ensure that the library that is specified in the CLOAD parameter points to the SDRMLOAD installation library.

DRMEXEC-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors.

Severity: Abend 4001
User response: Examine the preceding messages and correct accordingly.
Messages DRMEXEP-nnnX

DRMEXEP-002E  PARMLIB LINK MAX LEVEL REACHED OR LOOK DETECTED; (MAX LEVEL IS 20).

Explanation: The maximum number of test parmlibs and user parmlibs has been exceeded (this number is set to 20), perhaps because of a loop in the feedback from one to the other.

Severity: Abend 4001

User response: Edit the current parmlib products member and reset the TEST=Y parameter to TEST=N. Then, check the parmlib test/production links to verify the feedback from the test parmlib to the production one, and vice-versa, to avoid any loop. Correct any loop that is found.

DRMEXEP-003E  USER PROdataset PARMLIB RESET TO DEFAULT

Explanation: Following a reading error of the DRMXSYSS member in the user parmlib, Application Recovery Tool has restored the default parmlib in the user prodataset (TP only).

Severity: Abend 4001

User response: Verify the DRMXSYSS member of the user parmlib.

DRMEXEP-095E  PARMLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the parmlib whose dsname is dsname has failed. This message is followed by the message DRMEXEP-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose dsname is dsname.

DRMEXEP-096E  CSXPLIB ALLOCATION ERROR

rc/rs

Explanation: The dynamic allocation of the CSXPLIB data set has failed. rc is the return code and rs the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the CSXPLIB data set. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMEXEP-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors (there is a problem when reading the DRMXPROD member or the DRMXSYSS member of the parmlib).

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMINSTL-nnnX

DRMINSTL-001E  DATASET dsname NOT ALLOCATED (PRODUCTION PARMLIB)

Explanation: The dynamic allocation of the production parmlib whose dsname is dsname has failed. This message is followed by the message DRMINSTL-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set of dsname dsname.

DRMINSTL-002E  DATASET dsname NOT ALLOCATED (TEST PARMLIB)

Explanation: The dynamic allocation of the test parmlib whose dsname is dsname has failed. This message is followed by the message DRMINSTL-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set of dsname dsname.

DRMINSTL-004E  TEST PARMLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified test parmlib is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified dsname for the test parmlib.

DRMINSTL-005E  PRODUCTION PARMLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified production parmlib is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified dsname for the production parmlib.

DRMINSTL-006E  PARMLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified parmlib is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified dsname for the parmlib.

DRMINSTL-007E  LOADLIB DOESN'T EXIST, REQUEST REJECTED.

Explanation: The specified LOADLIB is not cataloged, and the requested action cannot be performed.

Severity: Abend 4001

User response: Verify the specified dsname for the LOADLIB.

DRMINSTL-008E  ddname ALLOCATION ERROR

Explanation: The dynamic allocation of the data set whose ddname is ddname has failed. rc is the Return code and rs the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is ddname. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

DRMINSTL-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMISTIM-nnnX

DRMISTIM-001I  CURRENT DB2 SYSTEM system
HAS RELEASE LEVEL level
Explanation:  This message indicates the DB2 level that will be used by Application Recovery Tool for the DB2 subsystem system. This information is read in member DSNHDECP of the load module library DB2EXIT, whose dsname is given by the DB2EXIT= parameter in parmlib member DRMXDB2S.
Severity:  Abend 4001
User response:  None, informational message.

DRMISTIM-002I  DFSRRC00 ABEND code
  IGNORED FOR IMSID imsid
Explanation:  The task DFSRRC00 for the IMS imsid ended with an abend code code.
Severity:  Abend 4001
User response:  None, informational message.

DRMISTIM-003W  DEFAULT DB2 SUBSYSTEM
  READ IN DSNHDECP IS system
Explanation:  This message comes with message DRMISTIM-001I whenever the name of the DB2 subsystem on which Application Recovery Tool is running differs from the name system of the default DB2 subsystem as read in DSNHDECP. This is not an abnormal situation.
Severity:  None
User response:  None, warning message.

DRMISTIM-004I  CURRENT DB2 DATA SHARING
  GROUP IS db2dsg
Explanation:  Indicates that the name of the DB2 data sharing group specified within the DB2ID parameter has been correctly validated.
Severity:  None
User response:  None, informational message.

DRMISTIM-005E  CURRENT IMS DATA SHARING
  GROUP IS imsdsg
Explanation:  Indicates that the name of the IMS data sharing group specified within the IMSID parameter
Severity:  Abend 4001
User response:  None, informational message.

DRMISTIM-006E  FUNCTION function ERROR RC rc
Explanation:  Processing of the function function detected some errors; its Return code is rc.
Severity:  Abend 4001
User response:  Examine the previous messages.

DRMISTIM-006I  CURRENT IMS SYSTEM imsid
HAS RELEASE LEVEL level
Explanation:  Indicates the IMS version that is taken into account by DRM. This information is read in member DRMXIMSS of the PARMLIB.
Severity:  Abend 4001
User response:  None, informational message.

DRMISTIM-012E  DATASET dsname NOT
  ALLOCATED
Explanation:  The dynamic allocation of the data set whose dsname is dsname has failed. This message is followed by the message DRMISTIM-096E that specifies the return code and the reason code.
Severity:  Abend 4001
User response:  Check the existence and the features of the data set whose dsname is dsname, or modify the value assigned to CLOAD in the DRMXPROD member of the parmlib.

DRMISTIM-013E  DATASET dsname NOT
  ALLOCATED
Explanation:  The dynamic allocation of the DB2 load module library, whose dsname is dsname, has failed. The name of this library is specified in DB2EXIT= parameter in parmlib member DRMXDB2S.
Severity:  Abend 4001
User response:  Check the existence and the features of the data set whose dsname is dsname, or correct the value of the DB2EXIT= parameter in parmlib member DRMXDB2S.

DRMISTIM-018E  LIBDEF ERROR ON: libname
  LIBRARY (ddname)
Explanation:  The requested LIBDEF with the parameters libname, LIBRARY and (ddname) has failed.
Severity: Abend 4001

User response: Check the existence and the features of the data sets whose ddnames are ddname and libname.

**DRMISTIM-019E** USERLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the user library whose dsname is *dsname* has failed. This message is followed by the message DRMISTIM-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set whose dsname is *dsname*.

**DRMISTIM-020E** LOADLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the LOADLIB data set whose dsname is *dsname* has failed. This message is followed by the message DRMISTIM-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Check the existence and the features of the data set whose dsname is *dsname*, or modify the value assigned to CLOAD in the DRMXPROD member of the parmlib.

**DRMISTIM-021E** THE ABEND 4001 STEP END HAS BEEN CHANGED TO AN RC n STEP END BY THE USER RC=, PARAMETER.

Explanation: This message follows the error messages of batch processing if the parameter RC= n is present in SYSIN or in the CUSTOM member of the parmlib to request the transformation of the abend 4001 of Application Recovery Tool in Return code n.

Severity: n

User response: None, or modify the RC= parameter of the SYSIN or the CUSTOM member of the parmlib if another Return code should be issued in case of error (the default value RC=0 keeps the abend 4001 in case of error).

**DRMISTIM-022E** YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The Application Recovery Tool license issued does not allow access to the requested function.

Severity: Abend 4001

User response: Correct the name of the requested function, or contact your IBM representative.

**DRMISTIM-023E** INCONSISTENT VALUE IMSID = NONE WHEN RUNNING THIS FUNCTION

Explanation: The requested function requires the IMS environment, so setting it to 'NONE' forbids any processing.

Severity: Abend 4001

User response: Specify a known IMS subsystem name as an IMSID parameter value in the PARM field of the EXEC statement or in option “Config” of the Application Recovery Tool menu.

**DRMISTIM-024E** INCONSISTENT VALUE DB2ID = NONE WHEN RUNNING THIS FUNCTION

Explanation: The requested function requires a DB2 environment, so setting it to 'NONE' forbids any processing.

Severity: Abend 4001

User response: Specify a known DB2 subsystem name as DB2ID parameter value in the PARM field of the EXEC statement or in option “Config” of the Application Recovery Tool menu.

**DRMISTIM-025E** INCONSISTENT VALUE DB2DSG, SYSID NOT FOUND IN SYSNAME LIST

Explanation: The value of the DB2ID parameter is found in the member that describes the DRMXDSGS data sharing groups. However, the system where the DRM job is executing cannot be found in the SYSNAME list of DRMXDSGS, and the corresponding DB2 subsystem cannot be determined.

Severity: Abend 4001

User response: Check the information of member DRMXDSGS, and correct accordingly.

**DRMISTIM-096E** ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the Return code and *rs* is the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is *ddname*, and the authorizations of the user on this data set. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.
DRMISTIM-097E  INTERRUPT BY  
NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other 
messages describing the errors.

Severity:   Abend 4001

User response:  Examine the preceding messages, and 
perform the necessary corrections.
Messages DRMPLIB-nnnX

DRMPLIB-001E  DATASET dsname NOT ALLOCATED

Explanation: The dynamic allocation of the data set whose dsname is dsname has failed. This message is followed by the message DRMPLIB-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set whose dsname is dsname, or modify the dsname of the user parmlib.

DRMPLIB-002E  Entry INFOREC not found in user parmlib dsname

Explanation: The syntax of the DRMXPROD member of the user parmlib whose dsname is dsname is incorrect. The Application Recovery Tool product is not correctly described.

Severity: Abend 4001

User response: Perform the necessary corrections. Verify the name of the used parmlib, or restore the DRMXPROD member of the parmlib from the member RMKKDEFP.

DRMPLIB-003E  TEMPORARY dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMPLIB-096E that specifies the return code and the reason code.

Severity: Abend 4001

User response: Verify the availability of SYSALLDA units.

DRMPLIB-004E  INTERNAL IEBUPDTE ERROR

Explanation: The requested IEBUPDTE processing has failed.

Severity: Abend 4001

User response: Verify the availability of IEBUPDTE, or examine the IEBUPDTE messages. If these messages do not appear, restart the process by specifying the DEBUG=Y parameter, and then examine them. Otherwise, contact your IBM representative.

DRMPLIB-096E  ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is ddname. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMPLIB-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
**Messages DRMPLIB-nnnX**

**DRMPLIB-001E** ddname ALLOCATION ERROR

rc/rs

**Explanation:** The dynamic allocation of the data set whose ddname is `ddname` has failed. `rc` is the return code, and `rs` the reason code.

**Severity:** Abend 4001

**User response:** If the ddname `ddname` is CSXPLIB, check the dsname of the parmlib specified in the DRM#XINS member of the parmlib. If the ddname `ddname` is SYSLIB, check the dsname of the load module library specified in the DRMXPORD member of the parmlib (CLOAD parameter). Also use the return code and the reason code in the message to find the cause of the error and correct it.

**DRMPLIB-002I** CSXPLIB ENDED WITH CODE rc

**Explanation:** This message displays the return code that was issued by the Application Recovery Tool. For return codes 1 - 7, messages that explain the reason for the error are issued in DDNAME SYSPRINT.

**Severity:** None.

**User response:** For return codes 8 and higher, ensure that the CLOAD parameter of the DRMXPORD member has the same value as the LOADLIB parameter in the JCL.

**DRMPLIB-097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
Messages DRMUPSYN-nnnX

DRMUPSYN-001E  MEMBER mbrname NOT_ALLOCATED

Explanation:  The dynamic allocation of the member mbrname has failed. This message is followed by the message 096E that specifies the return code and the reason code.

Severity:  Abend 4001

User response:  Verify the error codes specified in the following message.

DRMUPSYN-096E  ddname ALLOCATION ERROR
    rc/rs

Explanation:  The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs, the reason code.

Severity:  Abend 4001

User response:  Examine the existence and the features of the data set whose ddname is ddname. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMUPSYN-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.

Severity:  Abend 4001

User response:  Examine the preceding messages, and perform the necessary corrections.
**Messages DRMAOP-nnnX**

**DRMAOP-001E** RECON OPEN ERROR

**Explanation:** Error when opening the RECON data set.

**Severity:** Abend 4001

**User response:** Check the status of RECON data sets and the user authorizations on these data sets and make the necessary corrections.

**DRMAOP-001I** DRMAOP STARTED AT TIME hh:mm:ss.d

**Explanation:** This message indicates when the DRMAOP function started.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-002E** INVALID ACTION action GIVEN

**Explanation:** The value of the ACTION parameter present in the command sent to DRMAOP is invalid.

**Severity:** Abend 4001

**User response:** Check the ACTION parameter of the command. See the Application Recovery Tool for IMS and DB2 Databases User’s Guide, SC27-0980 for the values accepted for this parameter.

**DRMAOP-002I** DRMAOP ENDED AT TIME hh:mm:ss.d

**Explanation:** This message indicates when the DRMAOP function ended.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-003E** DEALLOC NOT ACCEPTED WITH TS=CATALOG.

**Explanation:** The DEALLOC action is incompatible with the TS=CATALOG parameter.

**Severity:** Abend 4001

**User response:** Modify either the ACTION parameter or the TS parameter in the command sent to DRMAOP.

**DRMAOP-004I** AOP STARTING... THE dd/mm/yy AT hh:mm:ss.d

**Explanation:** This message indicates when the DRMAOP function started at the indicated date.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-007I** AOP FAILED RETRY IN PROGRESS AT TIME hh:mm:ss.d

**Explanation:** This message indicates that an attempt to run DRMAOP has failed. The number of attempts that are authorized was not reached (parameter FAILED), and a new attempt is going to be performed.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-008I** AOP LOOK STEP THE dd/mm/yy AT hh:mm:ss.d

**Explanation:** This message indicates that DRMAOP has performed the look step at the specified date and time.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-010I** AOP SWITCH STEP THE dd/mm/yy AT hh:mm:ss.d

**Explanation:** This message indicates that DRMAOP has performed the switch step at the specified date and time.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-011I** AOP COMMIT STEP THE dd/mm/yy AT hh:mm:ss.d

**Explanation:** This message indicates that DRMAOP has performed the commit step at the specified date and time.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-012I** DBDSGRP PARAMETER OVERIDES DB LIST, DB LIST WILL BE IGNORED

**Explanation:** DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is unneeded and is not taken into account.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMAOP-015I** NONRECOVERABLE DB(S) NOT SUPPORTED BY IMS LEVEL LESS THAN 310

**Explanation:** Nonrecoverable DBs were not introduced into IMS before Version 3.1. Parameter NONRECOV= is ignored in that case.
Severity: Abend 4001
User response: None, informational message.

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DRMAOP-033E  YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001
User response: Contact your IBM representative.

---

DRMAOP-088E  NOTHING TO DO WITH THIS SELECTION OF DATABASE/TABLESPACES. FUNCTION ENDED

Explanation: No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

Severity: Abend 4001
User response: No action is required.

---

DRMAOP-096E  FAILED COUNT REACHED, UTILITY ENDED

Explanation: The maximum number of attempts to process the requested action has been reached. This number is set by the FAILED parameter present in the command or in the DRMAOP member of the parmlib.

Severity: Abend 4001
User response: Examine the preceding messages to find the reason for the successive failures. Otherwise, restart the process and, if necessary, modify the FAILED parameter.

---

DRMAOP-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001
User response: Examine the preceding messages and perform the necessary corrections.
Messages DRMCA-nnnX

DRMCA-001E RECON OPEN ERROR

Explanation: Error when opening the RECON data set.
Severity: Abend 4001
User response: Check the status of the RECON data sets and the user authorizations on these data sets and perform the necessary corrections.

DRMCA-002E DRMPARM WORK dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.
Severity: Abend 4001
User response: Verify the availability of SYSALLDA units.

DRMCA-002I NOTHING TO DO FOR THIS REQUEST

Explanation: Either no CAGROUP has been retained for databases specified by the DB parameter, therefore the DRMCA function has nothing to do, or DBRC has not generated the JCL and found nothing to do.
Severity: Abend 4001
User response: None, informational message.

DRMCA-003E SYSIN WORK dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.
Severity: Abend 4001
User response: Verify the availability of SYSALLDA units.

DRMCA-003I DBDSGRP PARAMETER OVERRIDES DB LIST, DB LIST WILL BE IGNORED

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is not needed and is not taken into account.
Severity: Abend 4001
User response: None, informational message.

DRMCA-005E CURRENT PARMLIB NOT ALLOCATED AS JCLPDS

Explanation: The dynamic allocation of the work PDS JCLPDS has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.
Severity: Abend 4001
User response: Check the availability of SYSALLDA units, and then verify the error codes specified in the following message.

DRMCA-006E CAJCL MEMBER OF JCLPDS NOT ALLOCATED

Explanation: The dynamic allocation of the CAJCL member of the work PDS JCLPDS has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.
Severity: Abend 4001
User response: Check the error codes specified in the following message.

DRMCA-008E JCLOUT WORK dataset NOT ALLOCATED

Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMCA-096E that specifies the return code and the reason code.
Severity: Abend 4001
User response: Check the availability of SYSALLDA units.

DRMCA-020I DBDSGRP PARAMETER NOT ACCEPTED FOR IMS LEVEL 130, DBDSGRP WILL BE IGNORED.

Explanation: DBDS groups were not yet introduced in IMS Version 1.3. Parameter DBDSGRP= is ignored in that case.
Severity: Abend 4001
User response: None, informational message.

DRMCA-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.
Severity: Abend 4001
User response: Contact your IBM representative.
DRMCA-096E  ddname ALLOCATION ERROR rc/rs
Explanation: The dynamic allocation of the data set whose ddname is \textit{ddname} has failed. \textit{rc} is the return code and \textit{rs} the reason code.
Severity: Abend 4001
User response: Examine the existence and the features of the data set whose ddname is \textit{ddname}. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

**Messages DRMCHEK-nnnX**

DRMCHEK-003E  CS2RECON OPEN ERROR
Explanation: An error occurred when opening the CS2RECON data set specified inside the DRMXDB2S member of the parmlib.
Severity: Abend 4001
User response: Check the data set’s status and authorizations provided for the user and correct accordingly.

DRMCHECK-033E  YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION
Explanation: Either the Application Recovery Tool license used on your site prohibits access to the required function or the CPU is not authorized to use Application Recovery Tool.
Severity: Abend 4001
User response: Contact your IBM representative.

DRMCA-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: This message is preceded by other messages describing the errors.
Severity: Abend 4001
User response: Examine the preceding messages, and perform the necessary corrections.

DRMCHECK-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: This message follows other messages that described the encountered errors.
Severity: Abend 4001
User response: Examine the previous messages and correct accordingly.
Messages DRMDLET1-nnnX

DRMDLET1-001E RECON OPEN ERROR
Explanation: An error occurred when opening the RECON data set.
Severity: Abend 4001
User response: Check the status of RECON data sets and the user authorizations on these data sets. Then, perform the necessary corrections.

DRMDLET1-001I DB dbdname DD ddname UIC OF dd/mm/yy hh:mm:ss.s WILL BE REMOVED.UIC DATA data
Explanation: This message indicates the intention to delete the user image copy that was taken on the specified date and time for the specified database. This user image copy will be deleted if it was taken with FAVER. The above message also specifies the data field related to the RECON data set to provide the user with more detailed information about the image copy.
Severity: Abend 4001
User response: None, informational message.

DRMDLET1-002E ONE OF TWO PARAMETERS: DB LIST OR DBDSGRP, IS REQUIRED BUT NOT GIVEN
Explanation: One of the two parameters DB and DBDSGRP has to be entered in the command. If DBDSGRP is entered, it takes priority over DB which is then ignored. If DBDSGRP is not entered, the DB parameter must be entered.
Severity: Abend 4001
User response: Correct the command.

DRMDLET1-003I NOT FAVER UIC FOUND, THIS SET CANNOT BE PURGED
Explanation: This message indicates that the user image copy mentioned in the previous message is not a FAVER one, and that Application Recovery Tool cannot take the responsibility to delete it. Examining this message and the previous one, the user can decide whether to delete this image copy after checking.
Severity: Abend 4001
User response: None, informational message.

DRMDLET1-004I THE RECOVERY LOW DATE IS dd/mm/yy AT hh:mm:ss.s FOR THIS SET OF DB(S).(RDAYS=n)
Explanation: This message indicates the minimal date and hour to where a recovery process will be able to return, calculated according to the objective of recovery specified by the parameter RDAYS.
Severity: Abend 4001
User response: None, informational message.

DRMDLET1-005I NOTHING TO DO FOR THIS PARAMETER SET
Explanation: DRMDLET1 did not find anything to purge matching the criteria in the command.
Severity: Abend 4001
User response: None, informational message.

DRMDLET1-006I LOG OLDER THAN aaqqq dd/mm/yy hh:mm:ss.s CAN BE PURGED
Explanation: After examination, DRMDLET1 has determined that log data sets older than the mentioned date could be purged.
Severity: Abend 4001
User response: None, informational message.

DRMDLET1-007I NO LOG DATASET CAN BE PURGED
Explanation: After checking, DRMDLET1 has determined that no log data set could be purged.
Severity: Abend 4001
User response: None, informational message.

DRMDLET1-008I THE GLOBAL PURGE DATE IS dd/mm/yy AT hh:mm:ss.s FOR ALL NOT ENDED PRILOG FOUND (PURGE=m)
Explanation: This message indicates the date prior to which the log data sets can be purged, calculated according to the objective specified by the parameter PURGE.
Severity: Abend 4001
User response: None, informational message.

DRMDLET1-009I THE SSID imsid STARTED THE dd/mm/yy AT hh:mm:ss.s HAS BEEN SELECTED FOR PURGE. (NO END TIME DETECTION)
Explanation: The log data set of the IMS system imsid, starting at the indicated date, is going to be purged although the end date is not indicated.
Severity: Abend 4001
User response: None, informational message.
DRMDLET1-010I  THE SSID imsid ENDED THE 
      dd/mm/yy AT hh:mm:ss.d HAS BEEN 
      SELECTED FOR DELETE. (EXPIRED)

Explanation: The log data set of the IMS system imsid, 
ending at the indicated date is going to be purged.

Severity:  Abend 4001
User response: None, informational message.

DRMDLET1-011I  UIC dsname IS NOT DELETED 
      AND WILL BE KEPT: THE DBD 
      dbdname DDN ddname, WHICH HAS 
      NOT BEEN SELECTED, STILL USES 
      THIS UIC.

Explanation: The user image copy which dsname is 
dname is going to be retained in spite of its creation 
date which declared it as a candidate for suppression. 
The mentioned database, that has not been selected by 
the command, can still require the image copy for 
recovery processing.

Severity:  Abend 4001
User response: None, informational message.

DRMDLET1-013I  NO CA GROUP CAN BE FOUND

Explanation: The selected databases do not belong to 
any CAGROUP.

Severity:  Abend 4001
User response: None, informational message.

DRMDLET1-014I  DBDSGRP PARAMETER 
      OVERRIDES DB LIST, DB LIST WILL 
      BE IGNORED

Explanation: DBDSGRP= parameter takes priority 
over DB= parameter. When DBDSGRP= parameter is 
entered, DB= parameter is not needed and is not taken 
into account.

Severity:  Abend 4001
User response: None, informational message.

DRMDLET1-015I  THE DATE OF THE OLDEST IC 
      IN IMS IS aaqqq dd/mm/yy AT 
      hh:mm:ss

Explanation: This message specifies the date and the 
hour of the oldest IC to be kept. This IC is older than 
the ICs that are selected for deletion. This IC avoids 
deleting the logs.

Severity:  Abend 4001
User response: None, informational message.

DRMDLET1-020I  DBDSGRP PARAMETER NOT 
      ACCEPTED FOR IMS LEVEL 130, 
      DBDSGRP WILL BE IGNORED.

Explanation: DBDS groups were not yet introduced in 
IMS Version 1.3. Parameter DBDSGRP= is ignored in 
that case.

Severity:  Abend 4001
User response: None, informational message.

DRMDLET1-033E  YOU ARE NOT AUTHORIZED 
      TO RUN THIS FUNCTION

Explanation: The validity date of Application 
Recovery Tool is exceeded, or the current CPU is not 
authorized to use Application Recovery Tool.

Severity:  Abend 4001
User response: Contact your IBM representative.

DRMDLET1-097E  INTERRUPT BY 
      NON-RECOVERABLE ERROR

Explanation: This message is preceded by other 
messages describing the errors.

Severity:  Abend 4001
User response: Examine the preceding messages, and 
perform the necessary corrections.
Messages DRMDLET2-nnnX

DRMDLET2-033E  YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMDLET2-088E  NOTHING TO DO WITH THIS SELECTION OF DATABASE/ TABLESPACES. FUNCTION ENDED

Explanation: No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

Severity: Abend 4001

User response: No action is required.
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<thead>
<tr>
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<tr>
<td>DRMDSUBS-001E WORK data set SYSIN ALLOCATION ERROR</td>
<td>The dynamic allocation of work data set SYSIN has failed.</td>
<td>Abend 4001</td>
<td>Check the availability of SYSALLDA units.</td>
</tr>
<tr>
<td>DRMDSUBS-002I DBD dbdname DDN ddname UPDATED BY ABENDED ssidname IS RECOVERED TO timestamp</td>
<td>The SSID record ssidname corresponds to an abended batch job for which the authorized database mentioned in the message has been restored to timestamp timestamp prior to batch processing.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMDSUBS-002W DBD dbdname DDN ddname UPDATED BY ABENDED ssidname IS NOT RECOVERED</td>
<td>The SSID record ssidname corresponds to an abended batch job for which the authorized database mentioned in the message has not been restored to a point prior to batch processing; this SSID record will not be deleted from the RECON data set.</td>
<td>None</td>
<td>None, warning message.</td>
</tr>
<tr>
<td>DRMDSUBS-003E DBRC ERROR DETECTED</td>
<td>Commands have been submitted to DBRC in order to delete from the RECON data set the SSID records matching the conditions mentioned in message DRMDSUBS-004I, but the call to DBRC has failed.</td>
<td>Abend 4001</td>
<td>Examine the messages issued by DBRC, and perform the necessary corrections.</td>
</tr>
<tr>
<td>DRMDSUBS-003I NO ABENDED BATCH REFERENCED IN RECON</td>
<td>No SSID record corresponding to an abended batch job has been found in the RECON data set.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMDSUBS-004I BATCH SSID ssidname WILL BE DELETED IN RECON</td>
<td>The SSID record ssidname corresponds to an abended batch job for which all authorized databases have been restored to a point prior to its processing; it will be deleted from the RECON data set.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMDSUBS-005I NOTHING TO DO FOR THIS REQUEST</td>
<td>No SSID record corresponding to an abended batch job for which all authorized databases have been restored to a point prior to batch processing, has been found in the RECON data set.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMDSUBS-006I DELETE COMPLETE</td>
<td>All SSID records corresponding to abended batch jobs for which all authorized databases have been restored to a point prior to batch processing have been deleted from the RECON data set.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMDSUBS-097E INTERRUPT BY NON-RECOVERABLE ERROR</td>
<td>This message is preceded by other messages describing the errors.</td>
<td>Abend 4001</td>
<td>Examine the preceding messages, and perform the necessary corrections.</td>
</tr>
</tbody>
</table>
**Messages DRMFIC-nnnX**

**DRMFIC-001I**  NOTHING TO DO FOR THIS PARAMETER SET

**Explanation:** No table space was matching the conditions for FICs to be processed; the table spaces must be in a non-copiable status (examine the previous messages). No JCL is generated.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMFIC-002I**  AUTO PARAMETER WAS FORCED TO "N" BECAUSE TS=CATALOG

**Explanation:** The AUTO=Y option was requested along with TS=CATALOG. This is not supported. The processing is done as if AUTO=N had been requested.

**Severity:** Abend 4001

**User response:** Consider removing the AUTO=Y option, or specify AUTO=N to get a request that is not ambiguous.

**DRMFIC-088I**  NOTHING TO DO WITH THIS SELECTION OF DATABASE/TABLESPACES. FUNCTION ENDED

**Explanation:** All the selected objects were created with the DEFINE NO option and have never received any data. No Image Copy is necessary for these objects. The function stops without launching any COPY utility.

**Severity:** None.

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

**DRMFIC-088E**  NOTHING TO DO WITH THIS SELECTION OF DATABASE/TABLESPACES. FUNCTION ENDED

**Explanation:** No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

**Severity:** Abend 4001

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

**DRMFIC-096E**  DRMPARM ALLOCATION ERROR

**Explanation:** An error was encountered during the dynamic allocation of the DRMPARM data set; $rc$ is the return code and $rs$ the reason code.

**Severity:** Abend 4001

**User response:** Check the availability of the SYSALLDA units.

**DRMFIC-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
Messages DRMIC-nnnX

DRMIC-001E  RECON OPEN ERROR
Explanation: An error occurred when opening the RECON data set.
Severity: Abend 4001
User response: Check the status of RECON data sets and the user authorizations on these data sets, and perform the necessary corrections.

Severity: Abend 4001
User response: None, informational message.

DRMIC-002E  ONE OF TWO PARAMETERS: DB LIST OR DBDSGRP, IS REQUIRED BUT NOT GIVEN
Explanation: One of the two parameters DB and DBDSGRP has to be entered in the command. If DBDSGRP is entered, it takes priority over DB which is then ignored. If DBDSGRP is not entered, the DB parameter must be entered.
Severity: Abend 4001
User response: Correct the command.

DRMIC-020I  DBDSGRP PARAMETER NOT ACCEPTED FOR IMS LEVEL 130, DBDSGRP WILL BE IGNORED.
Explanation: DBDS groups were not yet introduced in IMS version 1.3. Parameter DBDSGRP= is ignored in that case.
Severity: Abend 4001
User response: None, informational message.

DRMIC-030I  NOTHING TO DO FOR THIS PARAMETER SET
Explanation: No database matches the conditions for ICs to be processed. The database must be in a state in which it cannot be copied. JCL is not generated. See previous messages for more information.
Severity: Abend 4001
User response: None.

DRMIC-033E  YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION
Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.
Severity: Abend 4001
User response: Contact your IBM representative.

DRMIC-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: This message is preceded by other messages describing the errors.
Severity: Abend 4001
User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMIIC-nnnX

**DRMIIC-001I** NOTHING TO DO FOR THIS PARAMETER SET

*Explanation:* No table space matches the conditions for IICs to be processed; the table spaces must be in a non-copiable status (examine the previous messages). No JCL is generated.

*Severity:* Abend 4001

*User response:* None, informational message.

**DRMIIC-002I** AUTO PARAMETER WAS FORCED TO "N" BECAUSE TS=CATALOG

*Explanation:* The AUTO=Y option was requested along with TS=CATALOG, but this combination of options is not supported. The processing is done as if AUTO=N had been requested.

*Severity:* None.

*User response:* Consider removing the AUTO=Y option, or specify AUTO=N to get a request that is not ambiguous.

**DRMIIC-033E** YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

*Explanation:* The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

*Severity:* Abend 4001

*User response:* Contact your IBM representative.

**DRMIIC-088E** NOTHING TO DO WITH THIS SELECTION OF DATABASE/TABLESPACES. FUNCTION ENDED

*Explanation:* No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

*Severity:* Abend 4001

*User response:* No action is required.

**DRMIIC-096E** DRMPARM ALLOCATION ERROR

*Explanation:* An error was encountered during the dynamic allocation of the DRMPARM data set; rc is the return code and rs the reason code.

*Severity:* Abend 4001

*User response:* Check the availability of the SYSALLDA units.

**DRMIIC-097E** INTERRUPT BY NON-RECOVERABLE ERROR

*Explanation:* This message is preceded by other messages describing the errors.

*Severity:* Abend 4001

*User response:* Examine the preceding messages, and perform the necessary corrections.
Messages DRMINIT-nnnX

**DRMINIT-001E** RECON OPEN ERROR

Explanation: An error occurred when opening the RECON data set.

Severity: Abend 4001

User response: Check the status of RECON data sets and the user authorizations on these data sets. Then, perform the necessary corrections.

**DRMINIT-001I** DB dbdname TYPE dbtype SHR shr, OK

Explanation: This message indicates that the mentioned database corresponds to the request.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-001I** DB dbdname TYPE dbtype SHR shr,
NOT IN RECON

Explanation: This message indicates that the mentioned database was not found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-001I** DB dbdname TYPE dbtype SHR shr,
NOT IN DBDLIB

Explanation: This message indicates that the mentioned database was not found in the DBDLIB.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-001I** DB dbdname TYPE dbtype SHR shr,
ORGANIZATION CHANGED

Explanation: This message indicates that the type of organization was changed for the specified database.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-002E** ERROR REACHED ON THIS DB.
NO RUN WILL BE ISSUED

Explanation: Application Recovery Tool has detected inconsistencies between the DBDLIB, the DYNLIB, and the RECON data set of DBRC for one of the databases specified by the DB parameter. No JCL will be generated. This message is preceded by dedicated messages indicating the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.

**DRMINIT-002I** DDN ddname CAGRP cagroup, OK

Explanation: This message indicates that the mentioned database corresponds to the request.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-002I** DDN ddname CAGRP cagroup, NOT IN RECON

Explanation: This message indicates that the mentioned database is currently not found in the RECON data set.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-002I** DDN ddname CAGRP cagroup, NOT IN DBDLIB

Explanation: This message indicates that the mentioned database is not found in the DBDLIB.

Severity: Abend 4001

User response: None, informational message.

**DRMINIT-002I** DDN ddname CAGRP cagroup, NOT IN DYNLIB

Explanation: This message indicates that the mentioned database is not found in the DYNLIB.

Severity: Abend 4001

User response: None, informational message.
## Messages and Codes

### DRMINIT-002I DDN ddname CAGRP cagroup, CAGROUP CHANGED
**Explanation:** This message indicates that the CAGroup was modified for the mentioned database.

**Severity:** Abend 4001

**User response:** None, informational message.

### DRMINIT-002I DDN ddname, OK
**Explanation:** This message indicates that the mentioned database matches the request.

**Severity:** Abend 4001

**User response:** None, informational message.

### DRMINIT-002I DDN ddname, NOT IN RECON
**Explanation:** This message indicates that the mentioned database is not found in the RECON data set.

**Severity:** Abend 4001

**User response:** None, informational message.

### DRMINIT-002I DDN ddname, NOT IN DYNLIB
**Explanation:** This message indicates that the mentioned database is not found in the DYNLIB.

**Severity:** Abend 4001

**User response:** None, informational message.

### DRMINIT-003E ERROR REACHED ON THIS DS. NO RUN WILL BE ISSUED
**Explanation:** Application Recovery Tool has detected inconsistencies between the DBDLIB, the DYNLIB, and the RECON data set of DBRC for one of the data sets attached to databases specified by the DB parameter. No JCL will be generated. This message is preceded by dedicated messages indicating the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.

### DRMINIT-003I DSN dsname
**Explanation:** This message specifies the dsname of the database.

**Severity:** Abend 4001

**User response:** None, informational message.

### DRMINIT-003I DSN dsname, DSN CHANGED
**Explanation:** This message indicates that the dsname was modified for the mentioned database.

**Severity:** Abend 4001

**User response:** None, informational message.

### DRMINIT-004E NO RUN ISSUED. ONE OR MORE DB (S) IS IN ERROR
**Explanation:** Application Recovery Tool has detected inconsistencies between the DBDLIB, the DYNLIB, and the RECON data set of DBRC for at least one of the databases specified by the DB parameter. No JCL will be generated. This message is preceded by dedicated messages indicating the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.

### DRMINIT-004I NOTHING TO DO FOR THIS PARAMETER SET
**Explanation:** No action is necessary to implement the command. The descriptions of retained databases in the RECON data set, in the DBDLIB and in the DYNLIB are coherent.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.

### DRMINIT-005E SHRLEVEL PARAMETER VALUE REQUIRED BUT NOT GIVEN
**Explanation:** The SHRLEVEL parameter has to be specified during the declaration of a new CAGROUP. Otherwise, no JCL is generated.

**Severity:** Abend 4001

**User response:** Add the SHRLEVEL parameter to the command (the value SHRLEVEL=1 is recommended).

### DRMINIT-005I AREA areaname CAGRP cagroup, OK
**Explanation:** This message indicates that the mentioned database matches the request.

**Severity:** Abend 4001

**User response:** None, informational message.

### DRMINIT-005I AREA area areaname CAGRP cagroup, NOT IN RECON
**Explanation:** This message indicates that the mentioned database is currently not found in the RECON data set.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-005I AREA areaname CAGRP cagroup, NOT IN DBDLIB
Explanation: This message indicates that the mentioned database is not found in the DBDLIB.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-005I AREA areaname CAGRP cagroup, NOT IN DYNLIB
Explanation: This message indicates that the mentioned database is not found in the DYNLIB.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-005I AREA areaname CAGRP cagroup, CAGRP CHANGED
Explanation: This message indicates that the CAGroup was modified for the specified database.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-006E CA PARAMETER VALUE REQUIRED BUT NOT GIVEN
Explanation: The CA parameter has to be specified during the declaration or the modification of a CAGROUP. Otherwise, no JCL is generated.
Severity: Abend 4001
User response: Add the CA parameter to the command.

DRMINIT-007I DBD dbdname DDN ddname WILL BE EJECTED OUT OF CAGRP cagroup
Explanation: According to the new definition of the CAGroup cagroup requested to DRMINIT, the DBDS whose DBD is dbdname and DDN ddname will no longer belong to this CAGROUP. It will be necessary to assign this DBDS to another CAGroup.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-008I YOU HAVE TO REASSIGN A NEW CAGRP FOR THIS DBDS
Explanation: This message is issued with message DRMINIT-007I.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-009E CA AND DBDSGRP ARE MUTUALLY EXCLUSIVE PARAMETERS
Explanation: Parameters CA= and DBDSGRP= are mutually exclusive: they must not be both entered.
Severity: Abend 4001
User response: Correct the command.

DRMINIT-010E ONE OF TWO PARAMETERS: CA OR DBDSGRP IS REQUIRED
Explanation: One of the two parameters CA and DBDSGRP has to be entered in the command.
Severity: Abend 4001
User response: Correct the command.

DRMINIT-011E ONE OF THREE PARAMETERS: DB, ADDDB OR DELDB IS REQUIRED
Explanation: One of the three parameters DB, ADDDB and DELDB must be specified within the command.
Severity: Abend 4001
User response: Correct the command.

DRMINIT-012I DBD database DDN ddname WILL BE EJECTED OUT OF DBDSGRP groupname
Explanation: According to the new definition of DBDS group groupname provided to DRMINIT, the DBDS whose DBD is dbdname and whose DDN is ddname will no longer belong to this DBDS group. This DBDS will have to be assigned to another DBDS group.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-020I DBDSGRP PARAMETER NOT ACCEPTED FOR IMS LEVEL 130, DBDSGRP WILL BE IGNORED.
Explanation: DBDS groups were not yet introduced in IMS version 1.3. Parameter DBDSGRP= is ignored in that case.
Severity: Abend 4001
User response: None, informational message.

DRMINIT-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION
Explanation: The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.
Severity: Abend 4001

User response: Contact your IBM representative.

DRMINIT-014I  NOTHING TO DO FOR THIS PARAMETER SET

Explanation: No action is necessary to implement the command. The descriptions of retained databases in the RECON data set, in the DBDLIB and in the DYNLIB are coherent.

Severity: Abend 4001

User response: None, informational message.

DRMINIT-096E  ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of a data set whose ddname is ddname has failed. rc is the return code and rs the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set for which allocation has failed. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

DRMINIT-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.
Messages DRMLDSTS-nnnX

DRMLDSTS-001E  RECOVTS LENGTH INVALID
(MUST BE AS AAQQQHHMMSSD)

Explanation: The value of the RECOVTS parameter is invalid.

Severity: Abend 4001

User response: Correct the DRMRECOV skeleton of the parmlib or contact your IBM representative.

DRMLDSTS-001I  PROCESS indd TO outdd

Explanation: Informative: the records of the log data set allocated under the ddname indd before the recovery timestamp are going to be copied in the data set whose ddname is outdd.

Severity: Abend 4001

User response: None, informational message.

DRMLDSTS-002E  DDN indd HAS BEEN FOUND WITHOUT CORRESPONDING DDN outdd

Explanation: There is no communication between DD cards of LDSIn entry and LDSOn output in the execution step of DRMLDSTS (step LDSTS of the DRMRECOV skeleton of the parmlib).

Severity: Abend 4001

User response: Correct the DRMRECOV skeleton of the parmlib.

DRMLDSTS-003E  RECOVTS PARAMETER MISSING

Explanation: The RECOVTS parameter is missing.

Severity: Abend 4001

User response: Correct the DRMRECOV skeleton of the parmlib. The RECOVTS parameter must appear in the PARM field of the EXEC card starting the processing of DRMLDSTS (step LDSTS).
**Messages DRMMAP-nnnX**

**DRMMAP-001E RECON OPEN ERROR**

**Explanation:** An error occurred when opening the RECON data set.

**Severity:** Abend 4001

**User response:** Verify the status of RECON data set and the user authorizations on these data sets and perform the necessary corrections.

**DRMMAP-001I DRMMAP STARTED AT TIME hh:mm:ssdd**

**Explanation:** This message indicates the time when the DRMMAP function started.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMMAP-002E CS1RECON OPEN ERROR**

**Explanation:** An error occurred when opening the DRMRECON data set specified in the DRMXIMSS member of the parmlib.

**Severity:** Abend 4001

**User response:** Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

**DRMMAP-002I DRMMAP ENDED AT TIME hh:mm:ssdd**

**Explanation:** This message indicates the time when the DRMMAP function ended.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMMAP-003E DBD dbdname DDN ddname IS IN LOSS STATE FROM timestamp1 TO timestamp2**

**Explanation:** The database whose DBD is `dbdname` and DDN `ddname` shows a 'LOSS' period with a duration greater than the defined maximal duration by the MAXLOSS parameter while the database is updated without possibility of recovery.

**Severity:** Abend 4001

**User response:** Verify the schedule of VIC points and image copies for the concerned database, or modify the MAXLOSS parameter of the DRMMAP member of the parmlib if this is considered too ambitious.

**DRMMAP-003I DBDSGRP PARAMETER OVERRIDE DB LIST, DB LIST WILL BE IGNORED**

**Explanation:** DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is not needed and is not taken into account.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMMAP-004E ONE OR MORE DB (S) HAS BEEN FOUND WITH LOSS CONDITION WARNING, ABEND DONE TO GET YOUR ATTENTION.**

**Explanation:** At least one of the examined databases shows a 'LOSS' period. An abend is caused to call attention to this potentially dangerous situation. One or more DRMMAP-003E messages precede this one, mentioning databases showing a LOSS.

**Severity:** Abend 4001

**User response:** Check the planning of VIC points and image copies for concerned databases.

**DRMMAP-005E CS2RECON OPEN ERROR**

**Explanation:** An error occurred when opening the CS2RECON data set specified in the DRMXDB2S member of the parmlib.

**Severity:** Abend 4001

**User response:** Check the status of the data set and the user authorizations on this data set and perform the necessary corrections.

**DRMMAP-020I NONRECOVERABLE DB(S) NOT SUPPORTED BY IMS LEVEL LESS THAN 310**

**Explanation:** Nonrecoverable DBs were not introduced in IMS before Version 3.10. Parameter NONRECOV= is ignored in that case.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMMAP-033E YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION**

**Explanation:** The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

**Severity:** Abend 4001

**User response:** Contact your IBM representative.
DRMMAP-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.
DRMMDISK-nnnX

Explanation: This message indicates the name and the unit of a volume to be retained.

Severity: Abend 4001

User response: None, informational message.

DRMMDISK-002E INVALID RETENTION DELAY
jjjjhhmm JJJJHHMM OBTAINED FROM RDAYS AND RTIME

Explanation: The duration of retention jjjjhhmm computed from RDAYS and RTIME parameters is invalid.

Severity: Abend 4001

User response: Verify RDAYS and RTIME parameters in the command or in the DRMMDISK member of the parmlib.

DRMMDISK-002I YOU WANT TO SEE THE DISK(S) STATE AS IT WAS THE dd/mm/yy AT hh:mm:ss.d

Explanation: This message indicates the date and time for which volume status is requested.

Severity: Abend 4001

User response: None, informational message.

DRMMDISK-003E DATE CONVERSION INTERNAL ERROR OF aammjjhhmmsd

Explanation: An error has occurred during the date conversion aammjjhhmmsd.

Severity: Abend 4001

User response: Verify RDAYS and RTIME parameters in the command or in the DRMMDISK member of the parmlib.

DRMMDISK-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.
Messages DRMMDLET-nnnX

**DRMMDLET-001I**  data set dsname IS STILL USED BY DB2

**Explanation:** The incremental image copy data set \textit{dsname} previous to the processing of the utility job MERGECOPY NEWCOPY NO is still referenced in the DB2 catalog; Application Recovery Tool does not delete this data set.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMMDLET-001W**  NO data set TO DELETE

**Explanation:** All incremental image copy data sets that have been merged are still referenced in the DB2 catalog. This can occur for instance when IICs of the entire table space are merged into an IIC of a single partition.

**Severity:** None

**User response:** None, warning message.

**DRMMDLET-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages and perform the necessary corrections.
Messages DRMMERGE-nnnX

DRMMERGE-001I  NO TS WITH IMAGE COPIES TO MERGE
Explanation:  No copies to be merged have been found for the table spaces selected: no MERGECOPY will be processed.
Severity:  Abend 4001
User response:  None, informational message.

DRMMERGE-002I  NO TS WITH IIC NUMBER EQUAL OR GREATER THAN MRGNUM = n PARAMETER
Explanation:  The minimum number of IICs to be merged, required by the user with parameter MRGNUM=n, has not been reached for the table spaces selected: no MERGECOPY will be processed.
Severity:  Abend 4001
User response:  None, informational message.

DRMMERGE-033E  YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION
Explanation:  The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.
Severity:  Abend 4001
User response:  Contact your IBM representative.

DRMMERGE-088E  NOTHING TO DO WITH THIS SELECTION OF DATABASE/TABLESPACES. FUNCTION ENDED
Explanation:  No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.
Severity:  Abend 4001
User response:  No action is required.

DRMMERGE-089E  INTERRUPT BY NON-ACCEPTED ERROR, PARAMETER FLUSH=Y.
Explanation:  At least one of the table spaces selected does not meet the conditions required for processing a MERGECOPY. The conditions are: the existence of a FIC and the existence of one (if NEWCOPY=Y) or two (if NEWCOPY=N) IIC after the last FIC. Parameter FLUSH is set to Y, so an error follows.
Severity:  Abend 4001
User response:  Check the planification of jobs DRMFIC, DRMIIC and DRMMERGE for those table spaces that do not meet the conditions.

DRMMERGE-096E  DRMPARM ALLOCATION ERROR rc/rs
Explanation:  The dynamic allocation of work data set DRMPARM has failed. rc is the return code and is the return code rs the reason code.
Severity:  Abend 4001
User response:  Verify the availability of SYSALLDA units. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMMERGE-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation:  This message is preceded by other messages describing the errors.
Severity:  Abend 4001
User response:  Examine the preceding messages and perform the necessary corrections.
Messages DRMNTRCV-nnnX

DRMNTRCV-001E  WORK data set SYSIN ALLOCATION ERROR

Explanation: The dynamic allocation of the SYSIN work data set has failed.

Severity: Abend 4001

User response: Check the availability of SYSALLDA units.

DRMNTRCV-002E  DBDS NOT FOUND IN RECON

Explanation: The RECON data set does not contain DBDS for the processed database.

Severity: Abend 4001

User response: Verify the DRMSRCOV member of the parmlib.

DRMNTRCV-003E  DBRC ERROR DETECTED

Explanation: The call to DBRC has failed.

Severity: Abend 4001

User response: Verify the preceding messages and perform the necessary corrections.

DRMNTRCV-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections. Otherwise, verify the availability of the RECON data set.
Messages DRMRBDS-nnnX

DRMRBDS-001E  DB2BSDS dname ALLOCATION ERROR
Explanation: The dynamic allocation of the DB2BSDS data set with dname dname has failed. This message is followed by the message DRMRBDS-096E that specifies the return code and the reason code.
Severity: Abend 4001
User response: Check the dname of the DB2BSDS data set specified in the DRMXDB2S member of the parmlib.

DRMRBDS-001i  THE RANGE OF RBA TO BE USED IS lowrba-highrba
Explanation: This message indicates the RBA interval to be considered for log data set to be deleted.
Severity: Abend 4001
User response: None, informational message.

DRMRBDS-002E  DSNJU004 LINK ERROR RC rc
Explanation: The processing of the PRINT LOG MAP utility DSNJU004 produced the return code rc.
Severity: Abend 4001
User response: Verify the existence of the load module DSNJU004 in the DB2LIB library whose dname is mentioned in the DRMXDB2S member of the parmlib (this library is mentioned in STEPLIB in the DELARCH step of the DRMSDLT2 skeleton of the parmlib). Also, check the dname of the DB2BSDS data set mentioned in the DRMXDB2S member of the parmlib and the user authorizations for reading this data set.

DRMRBDS-003E  TEMPORARY WORK data set ALLOCATION FAILED
Explanation: The dynamic allocation of a work data set has failed. This message is followed by the message DRMRBDS-096E that specifies the return code and the reason code.
Severity: Abend 4001
User response: Check the availability of SYSALLDA units.

DRMRBDS-003i  ARCHIVE dname WITH RANGE lowrba-highrba HAS BEEN SELECTED
Explanation: The archive log data set indicated matches the RBA interval used and, therefore, is retained.
Severity: Abend 4001
User response: None, informational message.

DRMRBDS-004i  BSDS ARCHIVE dname HAS BEEN FOUND AND SELECTED.
Explanation: The specified dual log data set has been retained.
Severity: Abend 4001
User response: None, informational message.

DRMRBDS-005i  NOTHING TO DO BECAUSE THE RANGE IS EMPTY.
Explanation: The RBA interval in which log data sets have to be purged is empty (highRBA is not higher than lowRBA).
Severity: Abend 4001
User response: None, informational message.

DRMRBDS-096E  ALLOCATION ERROR rc/rs
Explanation: The dynamic allocation of a data set has failed. rc is the return code and rs the reason code.
Severity: Abend 4001
User response: Examine the existence and features of the data set for which allocation has failed. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

DRMRBDS-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: This message is preceded by other messages describing the errors.
Severity: Abend 4001
User response: Examine the preceding messages and perform the necessary corrections.
Verify the existence and the availability of the load module DRMXPROC of Application Recovery Tool.
### Messages DRMRECOV-nnnX

**DRMRECOV-001E**  RECON OPEN ERROR

**Explanation:** An error occurred when opening the RECON data set.

**Severity:** Abend 4001

**User response:** Verify the status of the RECON data sets and the user authorizations on these data sets and perform the necessary corrections.

**DRMRECOV-001I**  DRMRECOV STARTED AT TIME hh:mm:ss:dd

**Explanation:** This message indicates the time when the DRMRECOV function started.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMRECOV-002E**  DRMRECON OPEN ERROR

**Explanation:** An error occurred when opening the DRMRECON data set specified in the DRMXIMSS member of the parmlib.

**Severity:** Abend 4001

**User response:** Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

**DRMRECOV-002I**  DRMRECON ENDED AT TIME hh:mm:ss:dd

**Explanation:** This message indicates the time when the DRMRECOV function ended.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMRECOV-003E**  CS2RECON OPEN ERROR

**Explanation:** An error occurred when opening the CS2RECON data set specified in the DRMXDB2S member of the parmlib.

**Severity:** Abend 4001

**User response:** Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

**DRMRECOV-003I**  RECOVERY STARTING... THE dd/mm/yy AT hh:mm:ss.d

**Explanation:** This message informs the user that the recovery processing started at the specified date and time.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMRECOV-005E**  PROBLEM COMPLEXITY TOO BIG. RESOURCES EXHAUSTED. TRY WITH A SMALLER SET OF DB

**Explanation:** The number of ISPF work tables has reached 10000000, Application Recovery Tool can no longer ensure processing.

**Severity:** Abend 4001

**User response:** Modify the command to decrease the number of databases to process.

**DRMRECOV-005I**  RECOVERY LOOK STEP THE dd/mm/yy AT hh:mm:ss.d

**Explanation:** This message informs the user that the preliminary look step for the recovery processing ran at the indicated date.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMRECOV-006E**  NO VIC vicid FOUND FOR DBD dbdname DDN ddname

**Explanation:** The VIC point whose identifier is vicid has not been performed for the DBD database dbdname and DDN ddname (the search is done in the DRMRECON data set). The recovery of this database from the specified VIC point is therefore impossible.

**Severity:** Abend 4001

**User response:** Modify the command parameters in order to get the most consistent criteria.

**DRMRECOV-006I**  VIC ID vicid=timestamp FOR DB dbdname DDN ddname

**Explanation:** This message indicates the timestamp corresponding to the VIC point whose identifier is vicid for the mentioned database.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMRECOV-007E**  \VIC TS FOR THIS DBDS IS NOT EQUAL TO PRECEDING DBDS (S).

**Explanation:** The timestamp of the VIC point described in the preceding message is different from the timestamp of the \VIC point with the same identifier found for the other databases. The recovery from this VIC point is impossible for the specified databases set.
Severity: Abend 4001
User response: Modify the command parameters to obtain the most consistent criteria. Verify, if necessary, the chosen nomenclature of the VIC points.

DRMRECOV-007I RECOVERY FAILED. RETRY IN PROGRESS AT TIME hh:mm:ss.d
Explanation: This message indicates that an attempt to retry DRMRECOV has failed. The number of authorized attempts was not reached (parameter FAILED). A new attempt will be performed.
Severity: Abend 4001
User response: None, informational message.

DRMRECOV-008E LDS NOT ENDED DETECTED AS POSSIBLE INVALID RECOVERY CONDITION FOR dbdname ddname
Explanation: The current OLDS log data set contains requisite updates for the recovery. This message appears if the TEST parameter is 'Y' or if the AUTO parameter is 'N', in order to indicate that the generated JCL can be different from the one which would be generated later, after the log archiving.
Severity: Abend 4001
User response: None.

DRMRECOV-008I NO CHANGE HAS OCCURRED FOR dbdname ddname. RECOVERY IGNORED FOR THIS DBDS (FORCE=x, PARAMETER)
Explanation: No updates occurred on the mentioned database since the date indicated for the recovery processing. No recovery processing will be performed for this database because the FORCE parameter was set to x.
Severity: Abend 4001
User response: None, informational message.

DRMRECOV-009E LDS DSN IS dsname FOR SSID imsid
Explanation: This message follows message DRMRECOV-008E. It specifies the dsname dsname of the concerned log data set and the name imsid of the concerned IMS system.
Severity: Abend 4001
User response: None.

DRMRECOV-009I NOTHING TO DO FOR IMS PARM SET.
Explanation: No IMS/DB2 object matches the criteria specified inside the command, therefore no object will be processed.
Severity: Abend 4001
User response: None, informational message.

DRMRECOV-010E FROM starttimestamp TO endtimestamp
Explanation: This message follows message DRMRECOV-009E. It specifies the start and end timestamp of the concerned log data set.
Severity: Abend 4001
User response: None.

DRMRECOV-010I RECOVERY SWITCH STEP THE dd/mm/yy AT hh:mm:ss.d
Explanation: This message indicates that DRMRECOV has performed the switch step at the specified date and time.
Severity: Abend 4001
User response: None, informational message.

DRMRECOV-011I VIC ID vicid=timestamp RBA rba FOR DB dbname TS tsname
Explanation: This message indicates the timestamp and the log RBA corresponding to the VIC point which identifier is vicid for the table space mentioned.
Severity: Abend 4001
User response: None, informational message.

DRMRECOV-011W TUNNEL EFFECT DETECTED FROM TS starttimestamp TO endtimestamp FOR dbdname ddname
Explanation: A recovery has been performed on the database whose DBD is dbdname and DDN is ddname at a later date than the chosen recovery timestamp. It produces a 'TUNNEL' effect between the two specified timestamps.
Severity: None
User response: None, warning message.

DRMRECOV-012I NO CHANGE HAS OCCURRED FOR dbdname ddname. RECOVERY HAS BEEN FORCED FOR THIS DBDS (FORCE=Y, PARAMETER)
Explanation: No updates occurred on the mentioned databases since the indicated date for the recovery.
processing. Nevertheless, a recovery processing will be performed for this database because the parameter FORCE is set to Y.

Severity: Abend 4001
User response: None, informational message.

DRMRECOV-012W RECOVERY IN EFFECT IS AT RUN TIME runtimestamp TO timestamp

Explanation: This message follows the message DRMRECOV-011W. It specifies the processing timestamp and the recovery timestamp.

Severity: None
User response: None, warning message.

DRMRECOV-013I DBDSGRP PARAMETER OVERRIDE DB LIST, DB LIST WILL BE IGNORED

Explanation: DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is unneeded and is not taken into account.

Severity: Abend 4001
User response: None, informational message.

DRMRECOV-014E FAILED COUNT REACHED, UTILITY ENDED

Explanation: The maximum number of processing attempts of the requested action has been reached. This number is set by the FAILED parameter present in the command or in the DRMRECOV member of the parmlib.

Severity: Abend 4001
User response: Examine the preceding messages to find the reason for successive failures. Otherwise, restart the process by modifying, if necessary, the FAILED parameter.

DRMRECOV-015E NO VIC vicid FOUND FOR DB dbname TS tsname

Explanation: The VIC point whose identifier is `vicid` has not been performed for the table space `dbname.tsname` (the search is done in the CS2RECON data set). The recovery of this table space from the specified VIC point is therefore impossible.

Severity: Abend 4001
User response: Modify the command parameters to obtain the most consistent criteria.

DRMRECOV-015I NONRECOVERABLE DB(S) NOT SUPPORTED BY IMS LEVEL LESS THAN 310

Explanation: Nonrecoverable DBs were not introduced in IMS before Version 3.1. Parameter NONRECOV= is ignored in that case.

Severity: Abend 4001
User response: None, informational message.

DRMRECOV-016E VIC TIME FOR THIS TS IS NOT EQUAL TO PRECEDING DB(S)/TS(S).

Explanation: The timestamp of the VIC point described in the preceding message is different from the timestamp of the VIC point with the same identifier found for the other databases or table spaces. The recovery from this VIC point is impossible for the specified databases and table spaces set.

Severity: Abend 4001
User response: Modify the command parameters in order to get the most consistent criteria. Verify, if necessary, the chosen nomenclature of the VIC points.

DRMRECOV-016I RECOVERY NEEDED FLAG FOUND FOR dbdname ddname. RECOVERY HAS BEEN FORCED FOR THIS DBDS.

Explanation: The function forces the recovery processing of the mentioned database as DBRC has set this database into “recovery” status. This action must be requested by using the FORCERN=Y parameter.

Severity: Abend 4001
User response: None, informational message.

DRMRECOV-017E ID=, PARAMETER MISSING. YOU MUST DO A LOGICAL RECOVERY TO A VIC ID WHEN DB2 TS ARE SELECTED.

Explanation: The DRMRECOV function performs a recovery either physical (TIMESTAMP and ID parameters absent) or applicative. In the second case,
for DB2 table spaces, the VIC point has to be specified by the ID= parameter.

**Severity:** Abend 4001  
**User response:** Modify the command parameters.

---

**DRMRECOV-018E** VIC RBA FOR THIS TS IS NOT EQUAL TO PRECEDING TS (S).

**Explanation:** The log RBA of the VIC point described in the preceding message is different from the log RBA of the VIC point with the same identifier found for the other table spaces. The recovery from this VIC point is impossible for the specified table spaces set.

**Severity:** Abend 4001  
**User response:** Modify the command parameters in order to get the most consistent criteria. Verify, if necessary the chosen nomenclature of the VIC points.

---

**DRMRECOV-019E** CAN'T DO A RECOVER OF THIS SET OF DB (S) / TS (S).

**Explanation:** This message follows the message DRMRECOV-006E (IMS) or DRMRECOV-015E (DB2). It indicates that the criteria specified in the command are incompatible.

**Severity:** Abend 4001  
**User response:** Modify the command.

---

**DRMRECOV-020E** CONFLICTING REQUEST DETECTED.

**Explanation:** This message follows the message DRMRECOV-007E (IMS) or DRMRECOV-016E or DRMRECOV-018E (DB2). It indicates that the criteria specified in the command are incompatible.

**Severity:** Abend 4001  
**User response:** Modify the command.

---

**DRMRECOV-021E** VIC PART FOR THIS TS IS NOT EQUAL TO DSSEL VALUE

**Explanation:** The number of the partition for which a restore was requested does not correspond to the partition that was involved within the VIC. The DSSEL parameter is not necessary to restore the partition that was involved within the VIC point. The DSSEL parameter is necessary to restore a partition at the VIC point if the entire table space had been involved within this point.

**Severity:** Abend 4001  
**User response:** Correct accordingly.

---

**DRMRECOV-033E** YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

**Explanation:** The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

**Severity:** Abend 4001  
**User response:** Contact your IBM representative.

---

**DRMRECOV-089E** INTERRUPT BY NON-ACCEPTED ERROR, PARAMETER FLUSH=Y.

**Explanation:** The errors described in the previous messages cause processing to stop when the user requests it, because the FLUSH parameter is ‘Y’.

**Severity:** Abend 4001  
**User response:** Verify the error messages which precede and correct accordingly. If you wish to continue processing in spite of these errors, you can modify the command and request FLUSH=N.

---

**DRMRECOV-097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001  
**User response:** Examine the preceding messages and perform the necessary corrections.
### Messages DRMRORG-nnnX

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<tr>
<td><strong>User response:</strong></td>
<td>Verify the status of RECON data sets and the user authorizations on these data sets and perform the necessary corrections.</td>
</tr>
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</table>

| DRMRORG-001I  | DRMRORG STARTED AT TIME hh:mm:ss.d                                          |
| **Explanation:** | This message specifies the time when the DRMRORG function started.         |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | None, informational message.                                               |

| DRMRORG-002E  | DRMPARM WORK data set NOT ALLOCATED                                         |
| **Explanation:** | The dynamic allocation of a work data set has failed. This message is followed by the message 096E that specifies the return code and the reason code. |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | Check the availability of SYSALLDA units.                                  |

| DRMRORG-002I  | DRMRORG ENDED AT TIME hh:mm:ss.d                                           |
| **Explanation:** | This message specifies the time when the DRMRORG function ended.           |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | None, informational message.                                              |

| DRMRORG-003E  | SYSIN WORK dataset NOT ALLOCATED                                           |
| **Explanation:** | The dynamic allocation of a work data set has failed. This message is followed by the message 096E that specifies the return code and the reason code. |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | Check the availability of SYSALLDA units.                                  |

| DRMRORG-003I  | THE STATE OF THE RECONS IS: RECON STATUS DATA/INDEX AT hh:mm:ss.d         |
| **Explanation:** | This message is issued prior to the description of the status of the three RECON data sets at the indicated time. |

| DRMRORG-004E  | AMSLIB dsname NOT ALLOCATED                                               |
| **Explanation:** | The dynamic allocation of the AMSLIB data set whose dsname is *dsname* has failed. This message is followed by the message 096E that specifies the return code and the reason code. |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | Verify the existence and the features of the data set whose dsname is *dsname*, or the AMSLIB parameter specified in DRMXRIMSS and DRMRORG members of the parmlib. |

| DRMRORG-005E  | mbrname MEMBER NOT FOUND IN AMSLIB                                        |
| **Explanation:** | The member *mbrname* does not exist in the AMSLIB library.                |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | Verify the dsname of the AMSLIB library specified in DRMXRIMSS and DRMRORG members of the parmlib and the contents of this library. Verify also the member names specified in the DRMRORG member of the parmlib (RECON1, RECON2 and RECON3 parameters). |

| DRMRORG-005I  | THE RECON recon HAS BEEN SUCCESSFULLY RECREATED (USING AMSLIB DEFINITION). |
| **Explanation:** | The RECON data set whose ddname is *recon* has just been recreated, using the DELETE/DEFINE of the corresponding member of the AMSLIB. |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | None, informational message.                                              |

| DRMRORG-006E  | mbrname MEMBER OF AMSLIB dsname NOT ALLOCATED                             |
| **Explanation:** | The dynamic allocation of the member *mbrname* of the AMSLIB library whose dsname is *dsname* has failed. This message is followed by the message 096E that specifies the return code and the reason code. |
| **Severity:**   | Abend 4001                                                                 |
| **User response:** | Verify the error codes specified in the following message.                |
DRMRRORG-007E  MAX RETRY REACHED, RECON REORG ABORTED.

Explanation:  The maximum number of processing attempts of the requested action has been reached. This number is set by the RETRY parameter present in the command or in the DRMRRORG member of the parmlib.

Severity:  Abend 4001
User response:  Examine the preceding messages to find the reason for successive failures. Otherwise, restart the processing by modifying, if necessary, the RETRY parameter.

DRMRRORG-007I  THE RECON recon HAS BEEN SUCCESSFULLY RECREATED (USING A DYNAMIC DEFINITION).

Explanation:  The RECON data set whose ddname is recon has just been recreated, using the DELETE/DEFINE skeleton of the parmlib.

Severity:  Abend 4001
User response:  None, informational message.

DRMRRORG-008E  NO ENOUGH FREE SPACE DETECTED FOR THE RECONS DATASETS.

Explanation:  This message indicates that RECON data sets do not have the minimum free space required by the FREESPC parameter (DRMRRORG member of the parmlib).

Severity:  Abend 4001
User response:  See the message 009I that follows, or modify the parameter FREESPC in the command or, as an alternative, modify FREESPC in the DRMRRORG member of the parmlib.

DRMRRORG-008I  WAITING UNTIL THE RECON recon IS FREED AND DELETED

Explanation:  The DRMRRORG function is waiting for the deallocation and the suppression of the specified RECON data set.

Severity:  Abend 4001
User response:  None, informational message.

DRMRRORG-009E  INCREASE YOUR DELETE / DEFINE SPACE VALUES AND RUN A DYNAMIC=N RRORG.

Explanation:  To correct the situation specified by the message 008E, it is enough to modify allocation values specified in RECON1, RECON2 and RECON3 members of the AMSLIB library, containing the DELETE/DEFINE for RECON data sets, and to process DRMRRORG by specifying the DYNAMIC=N parameter.

Severity:  Abend 4001
User response:  None, informational message.

DRMRRORG-033E  YOU ARE NOT AUTHORIZED TO RUN THIS FUNCTION

Explanation:  The validity date of Application Recovery Tool is exceeded, or the current CPU is not authorized to use Application Recovery Tool.

Severity:  Abend 4001
User response:  Contact your IBM representative.

DRMRRORG-096E  ddname ALLOCATION ERROR  rc / rs

Explanation:  The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs the reason code.

Severity:  Abend 4001
User response:  Examine the existence and the features of the data set whose ddname is ddname. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMRRORG-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.

Severity:  Abend 4001
User response:  Examine the preceding messages and perform the necessary corrections.
**Messages DRMVIC-nnnX**

**DRMVIC-001E**  
**Explanation:** An error occurred when opening the RECON data set.  
**Severity:** Abend 4001  
**User response:** Verify the status of RECON data sets and the user authorizations on these data sets and perform the necessary corrections.

---

**DRMVIC-001I**  
**Explanation:** This message specifies the time when the DRMVIC function started.  
**Severity:** Abend 4001  
**User response:** None, informational message.

---

**DRMVIC-002E**  
**Explanation:** An error occurred when opening the DRMRECON data set specified in the DRMXIMSS member of the parmlib.  
**Severity:** Abend 4001  
**User response:** Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

---

**DRMVIC-002I**  
**Explanation:** This message specified the time when the DRMVIC function ended.  
**Severity:** Abend 4001  
**User response:** None, informational message.

---

**DRMVIC-003I**  
**Explanation:** DBDSGRP= parameter takes priority over DB= parameter. When DBDSGRP= parameter is entered, DB= parameter is not needed and is not taken into account.  
**Severity:** Abend 4001  
**User response:** None, informational message.

---

**DRMVIC-004E**  
**Explanation:** An error occurred when opening the CS2RECON data set specified in the DRMXDB2S member of the parmlib.  
**Severity:** Abend 4001  
**User response:** Verify the status of the data set and the user authorizations on this data set and perform the necessary corrections.

---

**DRMVIC-004I**  
**Explanation:** This message specifies the date and the time when the VIC point processing started.  
**Severity:** Abend 4001  
**User response:** None, informational message.

---

**DRMVIC-005E**  
**Explanation:** If a VIC point on the DB2 catalog (TS=CATALOG) is asked for, it must include only catalog table spaces: the inclusion of other table spaces using PLAN= or PKLIST= parameter is not allowed.  
**Severity:** Abend 4001  
**User response:** Modify the command.

---

**DRMVIC-005I**  
**Explanation:** This message specifies the date and the time when the VIC point processing ended. The duration of the process is also indicated.  
**Severity:** Abend 4001  
**User response:** None, informational message.

---

**DRMVIC-006E**  
**Explanation:** The data set tailoring of the DRMVIC skeleton of the parmlib has failed.  
**Severity:** Abend 4001  
**User response:** Check the DRMVIC skeleton.

---

**DRMVIC-006I**  
**Explanation:** This message indicates the timestamp and the identifier of the VIC point that has just been realized.  
**Severity:** Abend 4001  
**User response:** None, informational message.

---

**DRMVIC-007E**  
**Explanation:** The VIC point has failed because the database whose DBID is dbdname specified in the following message 008E, is used for updating in the IMS system imsid. The wait for the end of updating has exceeded the maximum time determined according to

---

**Chapter 3. Error messages**
the WAIT and RETRY parameters of the command or
the VIC member of the parmlib.

**Severity:** The FAILED parameter of the command or
the VIC member of the parmlib indicates the number of
times a VIC point may be attempted. After an equal
number of failures, there is an abend 4001.

**User response:** Examine the preceding messages to
find the reason for successive failures. Otherwise,
restart the process, modifying, if necessary, the FAILED,
WAIT and RETRY parameters.

---

**DRMVIC-007I VIC FAILED RETRY IN PROGRESS**
**AT TIME hh:mm:ss.d**

**Explanation:** This message indicates that an attempt to
run VIC again, has failed. The number of authorized
trials was not reached (parameter FAILED). A new
attempt is going to be performed.

**Severity:** Abend 4001

**User response:** None, informational message.

---

**DRMVIC-008E DB dbname HAS BEEN USED BY**
**SSID imsid**

**Explanation:** The update use of the database whose
DBD is `dbname` in the IMS system `imsid` prevented the
performance of the requested VIC point. This message
follows the 007E.

**Severity:** Abend 4001

**User response:** Verify the allocations of the specified
database.

---

**DRMVIC-009I VIC LOOK STEP THE dd/mm/yy AT**
**hh:mm:ss.d**

**Explanation:** This message indicates that the
preliminary look step for taking a VIC point occurred
at the indicated date.

**Severity:** Abend 4001

**User response:** None, informational message.

---

**DRMVIC-009E PLAN= AND PKLIST= ARE**
**MUTUALLY EXCLUSIVE**
**PARAMETERS**

**Explanation:** Parameters PLAN= and PKLIST= are
mutually exclusive: they must not be both entered.

**Severity:** Abend 4001

**User response:** Correct the command.

---

**DRMVIC-009I START DB FAILED RETRY IN**
**PROGRESS AT TIME hh:mm:ss.d**

**Explanation:** This message indicates that an attempt to
restart the databases and concerned table spaces has
failed. The number of tries allowed was not reached
(parameter FAILED). A new attempt is going to be
performed.

**Severity:** Abend 4001

**User response:** None, informational message.

---

**DRMVIC-010E NO IC FOUND FOR DB dbname TS**
**tsname BEFORE yyqqq dd / mm / yy**
**hh: mm: ss: d**

**Explanation:** There is no image copy of the table space
`dbname tsname`.

**Severity:** Abend 4001

**User response:** Take an image copy of the mentioned
table space (DRMFIC), then restart DRMVIC.

---

**DRMV12-010I QUIESCE RUNNING**

**Explanation:** This message announces processing of a
QUIESCE on the concerned table spaces.

**Severity:** Abend 4001

**User response:** None, informational message.

---

**DRMVIC-011I VIC UNCONDITIONAL SWITCH**
**STEP THE jj/mm/aa AT HH:MM:SS.D**

**Explanation:** This message indicates that the IMS log
switch has been requested by DRMVIC at the specified
date and time.

**Severity:** Abend 4001

**User response:** None, informational message.

---

**DRMVIC-015I NONRECOVERABLE DB(S) NOT**
**SUPPORTED BY IMS LEVEL LESS**
**THAN 310**

**Explanation:** Nonrecoverable DBs were not introduced
in IMS before version 310. Parameter NONRECOV= is
ignored in that case.

**Severity:** Abend 4001

**User response:** None, informational message.
Explanation: If a VIC point on the DB2 catalog (TS=CATALOG) is asked for, the TSSET= parameter can have no effect and is ignored.

Severity: Abend 4001

User response: None, informational message.

DRMVIC-039I TBLOCKS FORCED TO N FOR TS=CATALOG

Explanation: A VIC point on the DB2 catalog was requested, and TBLOCKS=N is forced.

Severity: None.

User response: None.

DRMVIC-088I NOTHING TO DO WITH THIS SELECTION OF DATABASE/ TABLESPACES. FUNCTION ENDED

Explanation: All the selected objects were created with the DEFINE NO option and have never received any data. No Quiesce point is necessary for these objects. The function stops without launching any QUIESCE utility.

Severity: Abend 4001

User response: No action is required.

DRMVIC-088E NOTHING TO DO WITH THIS SELECTION OF DATABASE/ TABLESPACES. FUNCTION ENDED

Explanation: No object (data bases, table spaces) corresponding to the selection criteria could be found in the DB2 catalog. The function cannot be run.

Severity: None.

User response: No action is required.

DRMVIC-093E ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is ddname. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMVIC-096E FAILED COUNT REACHED, UTILITY ENDED

Explanation: The maximum number of attempts to process the requested action has been reached. This number is set by the FAILED parameter present in the command or in the DRMVIC member of the parmlib.

Severity: Abend 4001

User response: Examine the preceding messages to find the reason for successive failures. Otherwise restart the process, modifying, if necessary, the FAILED parameter.

DRMVIC-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and correct accordingly.
Messages DRMXPROC-nnnX

DRMXPROC-001E CALL RECURSION DETECTED.
EXECUTION INTERRUPTED

Explanation: A recursive call has been detected, and processing is interrupted. The call to DRMXPROC is incorrect.

Severity: Abend 4001
User response: Contact your IBM representative.

DRMXPROC-002E MAX PROC CALL REACHED
(10000000)

Explanation: The maximum number of procedures to call has been reached. This number is set to 10000000.

Severity: Abend 4001
User response: Decrease the number of objects to process in the command.

DRMXPROC-002W RESULT TABLE IS TRUNCATED TO MAXROWS

Explanation: The table resulting from the submitted SQL request has been truncated to 5000 lines, the maximum accepted.

Severity: None
User response: Contact your IBM representative.

DRMXPROC-003E EXEC VALUE exec INVALID

Explanation: The command to be processed contains a syntax error. The value of the EXEC parameter is invalid. Values accepted by the EXEC parameter are PROC, SQL, DEFINE, CLIST, and FT.

Severity: Abend 4001
User response: Correct the EXEC parameter in the command (in SYSIN, at the terminal, or in the member of the parmlib whose name is in the parameter list).

DRMXPROC-003I NO CHANGE HAS OCCURRED, REUSE DONE

Explanation: In interactive mode, results of the DB2 catalog interrogation are retained and can be reused during a new call to the same SQL request, as long as the call parameters do not change and the REUSE parameter is set to Y. This avoids unnecessary interrogations of the DB2 catalog. This message is sent when results already obtained are reused.

Severity: Abend 4001
User response: None, informational message.

DRMXPROC-004E PROCEDURE procname NOT FOUND

Explanation: The member procname containing the procedure to process, specified by the PROC parameter, does not exist in the DRMULIB or DRMPLIB parmlib.

Severity: Abend 4001
User response: Verify the PROC= parameter in the command or the default member of the parmlib, or verify the existence of the member specified in the parmlib.

DRMXPROC-004I NO SELECT STMT FOUND, NO DISPLAY OCCURRED.

Explanation: The SQL procedure to be processed did not contain a SELECT statement. No result can be displayed.

Severity: Abend 4001
User response: None, informational message.

DRMXPROC-005E PROCEDURE procname MEMBER NOT ALLOCATED

Explanation: The dynamic allocation of the member procname of the DRMULIB or DRMPLIB parmlib has failed. This message is followed by the message DRMXPROC-096E that specifies the return code and the reason code.

Severity: Abend 4001
User response: Verify the error codes specified in the following message.

DRMXPROC-006E SQL mbrname data set TAILORING ERROR

Explanation: The data set tailoring of the SQL skeleton contained in the member mbrname of the parmlib has failed.

Severity: Abend 4001
User response: Modify the SQL request contained in the member mbrname of the parmlib.

DRMXPROC-007E SQL mbrname BUFFER REACHED (TOO LONG)

Explanation: The size of a SQL request is restricted to 500 lines.

Severity: Abend 4001
User response: Modify the SQL request contained in the member mbrname of the parmlib.
DRMXPROC-008E  SQL mbrname EXECUTION ERROR AT LINE:

Explanation:  Processing of the SQL request contained in the member mbrname of the parmlib has failed.
Severity:  Abend 4001
User response:  Examine the error messages of DB2 and modify the SQL request contained in the member mbrname of the parmlib.

DRMXPROC-010E  USER LIBRARY NOT ACTIVE (SEE CONFIGURATION PANEL)

Explanation:  The EDIT request of the user parmlib cannot be satisfied because the dsname of the user parmlib has not been specified on the configuration panel.
Severity:  Abend 4001
User response:  Perform the necessary corrections on the configuration panel.

DRMXPROC-011E  ODD COUNT ELEMENT OF DEFINE VAR LIST. IT MUST BE EVEN

Explanation:  In a procedure EXEC=DEFINE, the VAR parameter has to specify a list of an even number of variables (it concerns attached variable pairs). The number is odd.
Severity:  Abend 4001
User response:  Correct the EXEC=DEFINE command in the corresponding member of the parmlib.

DRMXPROC-012E  ISPF VARIABLE NAME varname TOO LONG

Explanation:  The name of the ISPF variable varname exceeds 8 characters.
Severity:  Abend 4001
User response:  Perform the necessary corrections.

DRMXPROC-013E  MEMBER mbrname OF LIBRARY DDN ddname NOT ALLOCATED

Explanation:  The dynamic allocation of the member mbrname of the library whose ddname is ddname has failed. This message is followed by the message DRMXPROC-096E that specifies the return code and the reason code.
Severity:  Abend 4001
User response:  Verify the error codes specified in the following message.

DRMXPROC-095E  INVALID ENVIRONMENT DETECTED

Explanation:  The ISPF environment is incorrectly initialized.
Severity:  Abend 4001
User response:  Contact your IBM representative.

DRMXPROC-096E  ddname ALLOCATION ERROR rc/rs

Explanation:  The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs the reason code.
Severity:  Abend 4001
User response:  Examine the existence and the features of the data set ddname. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMXPROC-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.
Severity:  Abend 4001
User response:  Examine the preceding messages and perform the necessary corrections.
**Messages DRMU01-nnnX**

**DRMU01-001I** VICID vic-id TSLIM timestamp

*Explanation:* This message is issued in conjunction with DRMU01-001E. It specifies the identifier *vic-id* and the timestamp *timestamp* of the current search: search of the most recent VIC point preceding the specified timestamp.

*Severity:* Abend 4001

*User response:* None, informational message.

**DRMU01-001E** VIC SEARCH ERROR

*Explanation:* An error has occurred during the search in the DRMRECON data set of VIC points responding to the criteria specified in the preceding message DRMU01-001I. Messages DRMU01-001I and DRMU01-001E are preceded by DRMU25 error messages that specify the VSAM error found.

*Severity:* Abend 4001

*User response:* Examine the VSAM error codes and verify the consistency of search criteria. Then correct accordingly.

**DRMU01-010I** NO DB FOUND IN CS1RECON FOR VIC ID = vic-id BEFORE TIMESTAMP timestamp

*Explanation:* No VIC point with the identifier specified in parameter ID= and preceding the timestamp specified in parameter TIMESTAMP= could be found in DRMRECON.

*Severity:* Abend 4001

*User response:* Correct the command if an error follows.
Messages DRMU02-nnnX

DRMU02-001E   CODE SEARCH ERROR FOR code

Explanation: Informative; the examined RECON data set contains a record whose code is non-standard DBRC.

Severity: Irrelevant, processing continues.

User response: Verify the RECON data set, if necessary.
Messages DRMU03-nnnX

DRMU03-001I  NO DBD FOUND FOR PSB  psbname

Explanation: The PSB psbname processed contains no database name.

Severity: Irrelevant. Processing continues.

User response: Check whether this PSB only contains TP-type PCBs.

---

DRMU03-001E  DATASET dsname NOT ALLOCATED

Explanation: The PSBLIB library whose name dsname appears in the DRMXIMSS member of the parmlib could not be dynamically allocated. This message is followed by the message DRMU03-096E specifying the error code.

Severity: Abend 4001

User response: Verify the name of the PSBLIB library present in the DRMXIMSS member of the parmlib, the user authorizations on this library, and the features of the data set, or use error codes from message DRMU03-096E.

---

DRMU03-002W  THE FOLLOWING DATABASE(S) HAVE BEEN SELECTED

Explanation: This message is followed by a list of all databases that are selected by the current function.

Severity: None

User response: None, warning message.

---

DRMU03-003W  NO DBD FOUND FOR PSB=

Explanation: No database was found when processing PSB= parameter.

Severity: None

User response: Correct PSB= parameter in the command, or suppress it if it is not used.

---

DRMU03-096E  PSBLIB ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the PSBLIB has failed. rc is the return code and rs the reason code. This message is preceded by the message DRMU03-001E.

Severity: Abend 4001

User response: See the message DRMU03-001E. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

---

DRMU03-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages and perform the necessary corrections.
Messages DRMU04-nnnX

**DRMU04-001E**  DBDSGROUP SEARCH ERROR

**Explanation:** An error occurred during the search in the RECON data set of records related to the DBDS group specified in the preceding message. Messages DRMU04-001I and DRMU04-001E are preceded by message DRMU20-003E containing the VSAM error codes.

**Severity:**  Abend 4001

**User response:** Examine VSAM error codes in message DRMU20-003E and check the consistency of search criteria, then perform the necessary corrections.

**DRMU04-001I**  DBDSGROUP groupname

**Explanation:** This message indicates the name groupname of the DBDS group concerned by the next error message.

**Severity:**  Abend 4001

**User response:** None, informational message.

**DRMU04-002E**  DBDSGRP REACHED WITH INVALID DB LIST COUNT

**Explanation:** The number of DBs in this DBDS group is inconsistent.

**Severity:**  Abend 4001

**User response:** Contact your IBM representative.

**DRMU04-002I**  DBDSGROUP groupname ALREADY IN RECONDB dbdname ddname

**Explanation:** This message introduces the list of databases in the DBDS group groupname.

**Severity:**  Abend 4001

**User response:** None, informational message.

**DRMU04-003E**  DBDSGRP MAX DB LIST COUNT REACHED. (MAX=1024)

**Explanation:** The number of DBs in a DBDS group cannot exceed 1024 - the maximum number allowed by DBRC. Application Recovery Tool processes only 20 volumes.

**Severity:**  Abend 4001

**User response:** Correct the command or contact your IBM representative.

**DRMU04-004E**  DBDSGRP NOT FOUND

**Explanation:** The DBDS group specified in parameter DBDSGRP= is not referenced in the DBRC RECON data set.

**Severity:**  Abend 4001

**User response:** Verify the RECON data set and the name specified in parameter DBDSGRP= and perform the necessary corrections.
Messages DRMU05-nnnX

DRMU05-002E  TDBDS REACHED WITH INVALID DB LIST COUNT

Explanation: The number of DBs listed in the ISPF table specified in the previous message is inconsistent.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU05-003E  TDBDS MAX DB LIST COUNT REACHED.(MAX=1024)

Explanation: The ISPF table specified in the previous message contains more than 1024 databases. Such a number is supported neither by DBRC, nor by Application Recovery Tool.

Severity: Abend 4001

User response: Modify the database selection parameters in the command.
Messages DRMU06-nnnX

**DRMU06-001E**  PSB psbname LOAD RC rc - rs WITH dsname

**Explanation:** Member psbname of the PSBLIB library dsname could not be loaded. The return code was rc and the reason code rs.

**Severity:** Abend 4001

**User response:** Use the error codes in the message from the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980) to analyze the problem and correct it.

**DRMU06-002E**  PSB psbname BLDL RC rc - rs WITH dsname

**Explanation:** The utility could not find the mentioned PSB. The BLDL macro used to locate the member psbname in the PSBLIB (dsname) ended with return code rc and reason code rs.

**Severity:** Abend 4001

**User response:** Use the return and reason code from BLDL to determine the reason for the error and to solve the related problem.
Messages DRMU08-nnnX

DRMU08-001I  EXTERNAL DBD dbdname IS NOT INDEX

Explanation: Member dbdname of the DBDLIB library has been found in logical relation with a selected database, and is not an index.

Severity: Abend 4001

User response: None, informational message.

DRMU08-001E  DBD LIBRARY dsname

Explanation: The DBDLIB library whose name dsname appears in the DRMXIMSS member of the parmlib could not be dynamically allocated. This message is followed by the message DRMU04-096E specifying the error code.

Severity: Abend 4001

User response: Verify the name of the DBDLIB library present in the DRMXIMSS member of the parmlib, the user authorizations on this library, and the features of the data set, or use error codes from message DRMU08-096E.

DRMU08-005E  DBD MODULE dbdname NOT FOUND IN DBDLIB

Explanation: Member dbdname of the DBDLIB library mentioned in parmlib member DRMXIMSS could not be loaded.

Severity: Abend 4001

User response: Check the DBDLIB parameter in parmlib member DRMXIMSS or correct parameter DB= in the command.

DRMU08-006E  INVALID DBD MODULE dbdname

Explanation: The member dbdname of the DBDLIB library is invalid. The DBD name specified in its prefix is not dbdname.

Severity: Irrelevant.

User response: Perform the necessary corrections.

DRMU08-007I  type NOT SUPPORTED, DBD dbdname IGNORED

Explanation: The member dbdname of the DBDLIB library has the organization type that is not supported. This DBD will be ignored.

Severity: Abend 4001

User response: None, informational message.

DRMU08-008I  type NO VSAM, DBD dbdname IGNORED

Explanation: The member dbdname of the DBDLIB library has the non-VSAM organization type that is not supported. This DBD will be ignored.

Severity: Abend 4001

User response: None, informational message.

DRMU08-096E  DBDLIB ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the DBDLIB has failed. rc is the return code and rs the reason code. This message is preceded by message DRMU08-001E.

Severity: Abend 4001

User response: See the message DRMU08-001E. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMU08-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMU10-nnnX

DRMU10-001E  PROBLEM OF READ RECON
HEADER EXT 2. OFFSET NOT DEFINED

Explanation:  An error was encountered when reading
the RECON data set that corresponds to IMS Version
6.1

Severity:  Abend 4001

User response:  Check the LEVEL and RECONLIB
parameters specified inside member DRMXIMSS of the
parmlib and correct accordingly, or contact your IBM
representative.

DRMU10-097E  INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation:  This message is following other
messages that describe the encountered errors.

Severity:  4001

User response:  Examine the previous messages, and
correct accordingly.
Messages DRMU14-nnnX

DRMU14-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is following other messages that describe the encountered errors.

Severity: Abend 4001

User response: Examine the previous messages, and correct accordingly.
Messages DRMU16-nnnX

DRMU16-001E  SQL PREPARE ERROR
Explanation: A DB2 error occurred during processing of a SQL PREPARE statement.
Severity: Abend 4001
User response: Examine the DB2 error message that follows, and perform the necessary corrections.

DRMU16-002I  SQL EXECUTION WITH WARNING CONDITION
Explanation: A warning has been sent by DB2 during the processing of a SQL EXECUTE statement. The message issued by DB2 follows.
Severity: Abend 4001
User response: None, informational message.

DRMU16-003I  SQL EXECUTION WITH NOT FOUND CONDITION
Explanation: The processing of an SQL EXECUTE statement returned the SQLCODE 100.
Severity: Abend 4001
User response: None, informational message.

DRMU16-004E  SQL EXECUTION ERROR
Explanation: The processing of an SQL EXECUTE statement returned a negative SQLCODE.
Severity: Abend 4001
User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-005E  INVALID DEFINE name
Explanation: Definition of erroneous ISPF variable.
Severity: Abend 4001
User response: Perform the necessary corrections.

DRMU16-006E  ISPF/DB2 VARS/COLUMNS TABLE CREATE ERROR
Explanation: The creation of the ISPF table intended to contain the result of the request has been denied.
Severity: Abend 4001
User response: Correct accordingly.

DRMU16-007E  SQL DESCRIBE ERROR
Explanation: A DB2 error occurred during processing of a SQL DESCRIBE statement.
Severity: Abend 4001
User response: Examine the DB2 error message which follows and perform the necessary corrections.

DRMU16-008E  MAX COLUMN NAME COUNT REACHED
Explanation: The maximum number of columns accepted in a SQL SELECT statement has been reached.
Severity: Abend 4001
User response: Modify the SQL request.

DRMU16-009E  TABLE name CREATE ERROR
Explanation: The creation of the ISPF table name has failed.
Severity: Abend 4001
User response: Correct accordingly.

DRMU16-010E  SQL FETCH CURSOR ERROR
Explanation: A DB2 error occurred during processing of a SQL FETCH CURSOR statement.
Severity: Abend 4001
User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-011E  SQL CLOSE CURSOR ERROR
Explanation: A DB2 error occurred during processing of a CLOSE SQL CURSOR.
Severity: Abend 4001
User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-012E  SQL COMMIT ERROR
Explanation: A DB2 error occurred during processing of a SQL COMMIT statement.
Severity: Abend 4001
User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-013E  SQL DECLARE CURSOR ERROR
Explanation: A DB2 error occurred during processing of a SQL DECLARE CURSOR statement.
Severity: Abend 4001
User response: Examine the DB2 error message which follows, and perform the necessary corrections.
DRMU16-014E  SQL OPEN CURSOR ERROR
Explanation: A DB2 error occurred during processing of an SQL OPEN CURSOR statement.
Severity: Abend 4001
User response: Examine the DB2 error message which follows, and perform the necessary corrections.

DRMU16-015E  DSNALI MODULE LOAD ERROR
Explanation: The DSNALI load module could not be loaded.
Severity: Abend 4001
User response: Verify the name of the DB2 load module library present in the DRMXDB2S member of the parmlib and the user authorizations on this library.

DRMU16-016E  DSNHLI2 MODULE LOAD ERROR
Explanation: The DSNHLI2 load module could not be loaded.
Severity: Abend 4001
User response: Verify the name of the DB2 load module library specified in the DRMXDB2S member of the parmlib and the user authorizations on this library.

DRMU16-017E  CONNECT TO DB2 ABORTED
Explanation: The connection to DB2 has failed. This message is preceded by messages DRMU16-094E and DRMU16-095E specifying the error.
Severity: Abend 4001
User response: See the messages DRMU16-094E and DRMU16-095E.

DRMU16-018E  OPEN PLAN FOR DB2 ABORTED
Explanation: The opening of the Application Recovery Tool plan has failed. This message is preceded by the messages DRMU16-094E and DRMU16-095E specifying the error.
Severity: Abend 4001
User response: Verify the existence and the status of the Application Recovery Tool plan as well as the user authorizations on this plan, referring if necessary to installation information and to messages DRMU16-094E and DRMU16-095E.

DRMU16-021E  DB2LIB dsnname NOT ALLOCATED
Explanation: The DB2 load module library whose name appears in the DRMXDB2S member of the parmlib could not be dynamically allocated. This message is followed by the message DRMU16-096E specifying the error code.

Severity: Abend 4001
User response: Verify the name of the DB2 load module library present in the DRMXDB2S member of the parmlib, the user authorizations on this library, and the features of the data set.

DRMU16-022E  DSNACAF MODULE LOAD ERROR
Explanation: The DSNACAF load module could not be loaded.
Severity: Abend 4001
User response: Verify the name of the DB2 load module library specified in the DRMXDB2S member of the parmlib and the user authorizations on this library.

DRMU16-023E  DEADLOCK OR TIMEOUT DETECTED
Explanation: Processing of an SQL statement ended with SQLCODE -911. The message DRMU16-004E is following.

DRMU16-094E  DB2 function ERROR rc/rc
Explanation: Processing of the function function (that is to say CONNECT, OPEN, CLOSE, or DISC) by DSNALI has returned the return code rc, given in decimal and then in hexadecimal. This message is followed by the message DRMU16-095E.
Severity: Abend 4001
User response: Examine the error code, and perform the necessary corrections.

DRMU16-095E  FOR DB2ID id AND PLAN name
Explanation: This message completes the previous one, specifying the name id of the concerned DB2 and the name name of the concerned plan.
Severity: Abend 4001
User response: Perform the necessary corrections.

DRMU16-096E  ddname ALLOCATION ERROR rc/rs
Explanation: The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs the reason code. This message is preceded by the message DRMU16-021E.
Severity: Abend 4001
User response: See the message DRMU16-021E. Also, use the return code and the reason code in the message to find the cause of the error and correct it.
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<th>User response</th>
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<td>DRMU20-001E</td>
<td>RECON ACCESS FAILED</td>
<td>Abend 4001</td>
<td>Verify the status of RECON data sets.</td>
</tr>
<tr>
<td>DRMU20-002E</td>
<td>RECON CHANGE INVALIDATE THIS JOB RUN</td>
<td>Abend 4001</td>
<td>Verify the use of the RECON data set.</td>
</tr>
<tr>
<td>DRMU20-003E</td>
<td>VSAM ERROR, RC=rc, SC=sc (DECIMAL)</td>
<td>Abend 4001</td>
<td>Examine the VSAM error codes and perform the necessary corrections.</td>
</tr>
<tr>
<td>DRMU20-004I</td>
<td>CURRENT COPY1 IS ddname: dsname</td>
<td>None, informational message.</td>
<td></td>
</tr>
<tr>
<td>DRMU20-005E</td>
<td>ddname NOT FOUND</td>
<td>Abend 4001</td>
<td>Verify the existence and the features of the member ddname of the RECONLIB, or the RECONLIB parameter specified in the DRMXIMSS member of the parmlib.</td>
</tr>
<tr>
<td>DRMU20-006E</td>
<td>ALLOCATION ERROR rc/rs FOR RECONLIB dsname SPECIFIED IN DRMXIMSS MEMBER OF PARMLIB</td>
<td>Abend 4001</td>
<td>Verify the existence and the features of the data set whose dsname is dsname, or the RECONLIB parameter specified in the DRMXIMSS member of the parmlib.</td>
</tr>
<tr>
<td>DRMU20-007I</td>
<td>EODAD REACHED</td>
<td>None, informational message.</td>
<td></td>
</tr>
<tr>
<td>DRMU20-008E</td>
<td>GET INFOS ERROR FOR ddname dsname</td>
<td>Abend 4001</td>
<td>Examine the previous messages and correct accordingly.</td>
</tr>
<tr>
<td>DRMU20-009E</td>
<td>NO VALID RECON FOUND</td>
<td>Abend 4001</td>
<td></td>
</tr>
</tbody>
</table>
User response: Verify the status of RECON data sets, and correct accordingly.

**DRMU20-010E  BUFFER BUILT FAILED**

Explanation: A failure was encountered when allocating the buffers to read the RECON data set.

Severity: Abend 4001

User response: Examine the system messages that were issued in conjunction with the above message, or contact your IBM representative.

**DRMU20-011E  BUFFER DELETE FAILED**

Explanation: A failure was encountered when freeing the buffers to read the RECON data set.

Severity: Abend 4001

User response: Examine the system messages that were issued in conjunction with the above message, or contact your IBM representative.
Messages DRMU21-nnnX

<table>
<thead>
<tr>
<th>Message ID</th>
<th>Explanation</th>
<th>Severity</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMU21-001E</td>
<td>SYNTAX ERROR, BLANK LINE FOUND</td>
<td>Abend 4001</td>
<td>Correct accordingly.</td>
</tr>
<tr>
<td>DRMU21-001E</td>
<td>SYNTAX ERROR, BLANK LINE FOUND</td>
<td>Abend 4001</td>
<td>Correct accordingly.</td>
</tr>
<tr>
<td>DRMU21-002I</td>
<td>LINE IN ERROR: ...</td>
<td>None</td>
<td>Use the information to determine where the syntax error occurred.</td>
</tr>
<tr>
<td>DRMU21-002E</td>
<td>SYNTAX ERROR, INVALID LABEL label</td>
<td>Abend 4001</td>
<td>Correct the label, or insert a blank before the command.</td>
</tr>
<tr>
<td>DRMU21-003E</td>
<td>SYNTAX ERROR, NO KEY FOUND</td>
<td>Abend 4001</td>
<td>A command is a sequence of assignments in the form KEY=xyz separated by commas. KEY is then a ‘KEY’ and xyz the value that is assigned to it.</td>
</tr>
<tr>
<td>DRMU21-004E</td>
<td>SYNTAX ERROR, INVALID KEYWORD IS key</td>
<td>Abend 4001</td>
<td>Refer to the informational messages that are issued after the DRMU21–004E message. Then correct accordingly in the member that is mentioned in mesasge DRMU21–003I.</td>
</tr>
<tr>
<td>DRMU21-005E</td>
<td>SYNTAX ERROR, END OF LINE REACHED</td>
<td>Abend 4001</td>
<td>Perform the necessary corrections.</td>
</tr>
<tr>
<td>DRMU21-006E</td>
<td>SYNTAX ERROR, NO VALUE GIVEN FOR KEYWORD key</td>
<td>Abend 4001</td>
<td>Fill in the variable key.</td>
</tr>
<tr>
<td>DRMU21-007E</td>
<td>SYNTAX ERROR, VALUE LENGTH TOO LARGE</td>
<td>Abend 4001</td>
<td>Perform the necessary corrections.</td>
</tr>
<tr>
<td>DRMU21-008E</td>
<td>DEFINE ERROR, INVALID TYPE REACHED</td>
<td>Abend 4001</td>
<td>Type is not recognized by Application Recovery Tool.</td>
</tr>
</tbody>
</table>
User response: Perform the necessary corrections.

DRMU21-009E  SYNTAX ERROR, INVALID NUMERIC DATA data
Explanation: The value data assigned to a variable whose type is numeric is not numerical.
Severity: Abend 4001
User response: Correct the erroneous value.

DRMU21-010E  SYNTAX ERROR, INVALID HEXADECIMAL DATA data
Explanation: The value data assigned to a variable whose type is hexadecimal is not hexadecimal.
Severity: Abend 4001
User response: Correct the erroneous value.

DRMU21-011E  SYNTAX ERROR, NOT EVEN DIGITS HEXA DATA
Explanation: The value assigned to a variable whose type is hexadecimal includes an odd number of digits.
Severity: Abend 4001
User response: Correct the erroneous value.

DRMU21-012E  SYNTAX ERROR, INVALID VALUE FOR KEYWORD key
Explanation: The value assigned to the variable key is invalid.
Severity: Abend 4001
User response: Consult the Application Recovery Tool documentation to find the values accepted by the variable key, and correct the erroneous value.

DRMU21-013E  SYNTAX ERROR, INVALID CONTINUATION
Explanation: A continuation line has to begin with a blank: no label is authorized there.
Severity: Abend 4001
User response: Perform the necessary corrections.

DRMU21-014E  SYNTAX ERROR, KEYWORD MISSING IS key
Explanation: The mandatory parameter key has not been specified.
Severity: Abend 4001
User response: Specify and fill in the mandatory parameter key.

DRMU21-016E  SYNTAX ERROR, INVALID LIST TYPE VALUE FOR KEYWORD key
Explanation: The value assigned to the variable key begins with a parenthesis but a list of values is not accepted for this variable.
Severity: Abend 4001
User response: Suppress the parentheses and assign only one value to the variable key.

DRMU21-017E  SYNTAX ERROR, INVALID END LIST REACHED
Explanation: The syntax of a list of values is incorrect. The list is empty or does not end by a closing parenthesis.
Severity: Abend 4001
User response: Perform the necessary corrections.

DRMU21-018E  SYNTAX ERROR, INVALID SEPARATOR REACHED IS x
Explanation: An invalid separator has been found. The accepted separator is the comma (followed by a blank if there is a continuation). A blank not preceded by a comma indicates the end of the command.
Severity: Abend 4001
User response: Perform the necessary corrections.

DRMU21-019E  SYNTAX ERROR, MAX COUNT LIST REACHED
Explanation: The maximum number of values in a list has been reached (this maximum varies according to variables).
Severity: Abend 4001
User response: Decrease the number of values in the list.

DRMU21-020E  SYNTAX ERROR, USER KEYWORD VALUE INVALID FOR userkey
Explanation: The creation of the user variable userkey has failed.
Severity: Abend 4001
User response: Perform the necessary corrections.

DRMU21-021E  SYNTAX ERROR, INVALID END STRING REACHED
Explanation: The beginning of a string of characters has been found but the end of this string has not been found.
Severity: Abend 4001
DRMU21-022E  SYNTAX ERROR, THE VALUE OF A
PARAMETER MUST NOT EXCEED \( \text{nnn} \) CHARACTERS

Explanation: A syntax error occurred due to the
invalid length of a parameter. The parameter’s value
should not be greater than the indicated value.

Severity: Abend 4001

User response: Check additional message U21-002I to
find the incorrect parameter value, and set the
parameter with a valid value.
Messages DRMU25-nnnX

DRMU25-001E  CSIRECON OPEN FAILED
Explanation: Error when opening the DRMRECON data set indicated in the DRMXIMSS member of the parmlib.
Severity: Abend 4001
User response: Verify the status of the data set and the user authorizations on this data set, and perform the necessary corrections.

DRMU25-002E  DRMRECON CHANGE INVALIDATE THIS JOB RUN
Explanation: Competitive updates of the DRMRECON data set make the reading incoherent.
Severity: Abend 4001
User response: Verify the use of the CSIRECON data set.

DRMU25-003E  VSAM ERROR, RC=rc, SC=sc (DECIMAL)
Explanation: The processing of the DRMRECON data set is stopped on a VSAM error whose return code is rc and the status code sc.
Severity: Abend 4001
User response: Examine VSAM error codes and correct accordingly.

DRMU25-006E  ALLOCATION ERROR rc/rs FOR DRMRECON dsname SPECIFIED IN DRMXIMSS MEMBER OF PARMLIB
Explanation: The dynamic allocation of the DRMRECON data set whose dsname is dsname has failed. rc is the return code and rs the reason code.
Severity: Abend 4001
User response: Verify the existence and the features of the data set whose dsname is dsname.

DRMU25-007E  UNPREDICTABLE EODAD REACHED
Explanation: The processing of the DRMRECON data set has been interrupted by the unpredictable end of the data set.
Severity: Abend 4001
User response: Verify the status of the DRMRECON data set and the competitive accesses to this data set.

DRMU25-008E  DRMRECON OPEN FAILED, 8/168, RETRY
Explanation: A failure was encountered when opening the DRMRECON VSAM data set; a return code of 8 and a reason code of 168 are issued (refer to the IBM DFSMS/MVS Macro Instructions for Data Sets manual).
Application Recovery Tool will wait for 10 seconds and then try again to open the data set. After 5 trials without any success the function will abend.
Severity: none
User response: Check the use of the DRMRECON data set (all other Application Recovery Tool jobs or backup jobs like DFDSS).
Messages DRMU26-nnnX

DRMU26-001E  DB SEARCH ERROR

Explanation:  An error occurred during the search in the RECON data set of records related to the database whose DBD is dbdname specified in the preceding message. The messages DRMU26-001I and DRMU26-001E are preceded by the message DRMU20-003E containing the VSAM error codes.

Severity:  Abend 4001

User response:  Examine VSAM error codes in message DRMU20-003E, and perform the necessary corrections.

DRMU26-001I  DBD dbdname

Explanation:  Precedes the message DRMU26-001E and specifies the name dbdname of the concerned DBD.

Severity:  Abend 4001

User response:  None, informational message.
Messages DRMU27-nnnX

DRMU27-001E  DBDS SEARCH ERROR
Explanation: An error has occurred during the search in the RECON data set of records related to the DBDS whose DBD and DDN are specified in the preceding message. The messages DRMU27-001I and DRMU27-001E are preceded by the message DRMU20-003E containing the VSAM error codes.
Severity: Abend 4001
User response: Examine VSAM error codes in message DRMU20-003E, and perform the necessary corrections.

DRMU27-001I  DBD dbdname DDN ddname
Explanation: This message is issued in conjunction with another DRMU27-message. It specifies the DBD \textit{dbdname} and the ddname \textit{ddname} of the current search.
Severity: Abend 4001
User response: None, informational message.

DRMU27-002E  DBDS ADS COUNT TOO BIG (>7)
Explanation: The maximum number of ADS of a DEDB database supported by Application Recovery Tool is 7.
Severity: Abend 4001
User response: Contact your IBM representative.

DRMU27-002I  DBD dbdname DDN ddname NON-RECOVERABLE.
Explanation: The database whose DBD is \textit{dbdname} and ddname \textit{ddname} is defined in DBRC as ‘non-recoverable’. It will not be processed by Application Recovery Tool.
Severity: Abend 4001
User response: None, informational message.

DRMU27-003I  DBD dbdname DDN ddname DATA SET NOT FOUND
Explanation: The dataset attached to the data base whose DBD is \textit{dbdname} and ddname \textit{ddname} is not referenced in the RECON data set.
Severity: Abend 4001
User response: None, informational message.
Messages DRMU28-nnnX

DRMU28-001E IC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to data base image copies, according to criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of the search criteria, then perform the necessary corrections.

DRMU28-001I DBD dbdname DDN ddname TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU28-message. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU28-002E IC REACHED WITH INVALID VOLLIST COUNT

Explanation: The record related to the image copy found in the RECON data set specifies an empty or erroneous list of volumes.

Severity: Abend 4001

User response: List the RECON to verify the record related to this image copy.

DRMU28-003E IC MAX VOL LIST COUNT REACHED. (MAX=20)

Explanation: The image copy found has more than 20 volumes referenced in the RECON data set. Application Recovery Tool processes only 20 volumes.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMU28-004E ALLOC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to databases allocations, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-004E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU28-005E RECON CHANGE INVALIDATE THIS RUN

Explanation: Competitive updates of the RECON data set used result in inconsistent reading.

Severity: Abend 4001

User response: Verify the use of the RECON data set.

DRMU28-006E RECOVERY SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-006E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU28-007E REORG SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the reorganization of databases, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-007E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU28-008E OIC START AND END USE DATE SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to database allocations in the time interval corresponding to OIC, according to the criteria specified in the preceding message DRMU28-001I. Messages DRMU28-001I and DRMU28-008E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.
DRMU28-009E  HSSP IC REACHED BUT NOT SUPPORTED BY APPLICATION RECOVERY TOOL

Explanation: The image copies whose type is HSSP are not processed by Application Recovery Tool.

Severity: Abend 4001

User response: Perform the necessary corrections.
Messages DRMU29-nnnX

DRMU29-001E CA SEARCH ERROR
Explanation: An error has occurred during the search in the RECON data set of records related to the change accum of databases, according to the criteria specified in the preceding message DRMU29-001I. Messages DRMU29-001I and DRMU29-001E are preceded by message DRMU20-003E that specifies the VSAM error found.
Severity: Abend 4001
User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU29-001I DBD dbdname DDN ddname TSLIM timestamp
Explanation: This message is issued in conjunction with another DRMU29-message. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search.
Severity: Abend 4001
User response: None, informational message.

DRMU29-002E ALLOC SEARCH ERROR
Explanation: An error has occurred during the search in the RECON data set of records related to database allocations, according to the criteria specified in the preceding message DRMU29-001I. Messages DRMU29-001I and DRMU29-002E are preceded by message DRMU20-003E that specifies the VSAM error found.
Severity: Abend 4001
User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU29-003E DBDS NOT FOUND IN CAGRPOB1
Explanation: The CAGROUP cagrpname does not contain the DBDS searched for.
Severity: Abend 4001
User response: Verify the RECON data set.

DRMU29-004E CA REACHED WITH INVALID VOLLIST COUNT
Explanation: The record related to the change accum found in the RECON data set specifies an empty or erroneous volume list.
Severity: Abend 4001
User response: List the RECON to verify the record related to this change accum.

DRMU29-005E CA MAX VOLLIST COUNT REACHED. (MAX=20)
Explanation: The change accum found has more than 20 volumes referenced in the RECON data set; Application Recovery Tool processes only 20 volumes.
Severity: Abend 4001
User response: Contact your IBM representative.

DRMU29-006E RECON CHANGE, INVALIDATE OPERATION
Explanation: Competitive updates of the RECON data set used result in inconsistent reading.
Severity: Abend 4001
User response: Verify the use of the RECON data set.

DRMU29-007E CAGRPOB1 DB COUNT NOT >0
Explanation: A CAGROUP containing no database has been found.
Severity: Abend 4001
User response: Verify the RECON data set.

DRMU29-008E RECOV SEARCH ERROR
Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU29-001I. Messages DRMU29-001I and DRMU29-008E are preceded by message DRMU20-003E that specifies the VSAM error found.
Severity: Abend 4001
User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.
Messages DRMU30-nnnX

**DRMU30-001E**  ALLOC SEARCH ERROR

**Explanation:** An error has occurred during the search in the RECON data set of records related to database allocations, according to the criteria specified in the preceding message DRMU30-001I. Messages DRMU30-001I and DRMU30-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

**Severity:** Abend 4001

**User response:** Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

**DRMU30-001I**  DBD dbdname DDN ddname TSLIM timestamp

**Explanation:** This message is issued in conjunction with another DRMU30-message. It specifies the DBD dbdname, the ddname ddname, and the timestamp timestamp of the current search.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMU30-002E**  RECOV SEARCH ERROR

**Explanation:** An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU30-001I. Messages DRMU30-001I and DRMU30-002E are preceded by message DRMU20-003E that specifies the VSAM error found.

**Severity:** Abend 4001

**User response:** Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

**DRMU30-005E**  PRILOG SEARCH ERROR

**Explanation:** An error occurred when searching records relative to the PRILOG in the RECON data set. Refer to message DRMU20-003E that describes the encountered VSAM error which is issued prior to messages —001I and —005E.

**Severity:** Abend 4001

**User response:** Examine the VSAM error codes, verify the consistency of search criteria, then make the necessary corrections.
Messages DRMU31-nnnX

DRMU31-001E  VIC SEARCH ERROR

Explanation: An error has occurred during the search in the DRMRECON data set of VIC points satisfying to the criteria specified in the preceding message DRMU31-001I. Messages DRMU31-001I and DRMU31-001E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU31-001I  DBD dbdname DDN ddname TSLIM
timestamp

Explanation: This message is issued in conjunction with DRMU31-001E. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search: search of the most recent VIC point earlier than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.
**Messages DRMU35-nnnX**

**DRMU35-001E** PRILOG SEARCH ERROR

**Explanation:** An error has occurred during the search in the RECON data set of records related to the PRILOG, according to the criteria specified in the preceding message DRMU35-001I. Messages DRMU35-001I and DRMU35-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

**Severity:** Abend 4001

**User response:** Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

**DRMU35-001I** PRILOG TS timestamp

**Explanation:** This message is issued in conjunction with another DRMU35-message. It specifies the timestamp `timestamp` of the current search.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMU35-002E** PRILOG NOT FOUND

**Explanation:** The PRILOG with the start timestamp indicated in the preceding message is not referenced in the RECON.

**Severity:** Abend 4001

**User response:** Verify the RECON data set.

**DRMU35-002I** IT IS ASSUMED CLOSED BECAUSE BACKUP = Y IN DRMXIMSS PARMLIB MEMBER

**Explanation:** This message follows U35-005E. It indicates that in spite of the anomaly described in DRMU35-005E, no abend will be issued and Application Recovery Tool will attempt to continue, because BACKUP=Y has been specified in DRMXIMSS parmlib member.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMU35-003E** LOG REACHED WITH INVALID VOLIST COUNT

**Explanation:** The record related to the PRILOG found in the RECON data set specifies an empty or erroneous volume list.

**Severity:** Abend 4001

**User response:** List the RECON to verify the record related to the PRILOG.

**DRMU35-004E** LOG MAX VOL LIST COUNT REACHED. (MAX=20)

**Explanation:** The PRILOG has more than 20 volumes referenced in the RECON data set. Application Recovery Tool processes only 20 volumes.

**Severity:** Abend 4001

**User response:** Contact your IBM representative.

**DRMU35-005E** LOG REACHED WITH STOPTIME = 0 IS NOT THE LAST ONE

**Explanation:** A PRILOG has been reached with stoptime 0, yet further reading of the RECON found a next PRILOG for the same IMS system. An abend 4001 normally results from this anomaly, but it can be overridden in exceptional situations by adding BACKUP=Y in the description of this IMS system in parmlib member DRMXIMSS.

**Severity:** Abend 4001

**User response:** Examine carefully the state of the IMS system in anomaly, or contact your IBM representative.

**DRMU35-006I** LOG REACHED IS NOT CLOSED, IT CORRESPONDS TO ssidname jobstate BATCH

**Explanation:** A PRILOG has been reached with stoptime 0; it has been found to be associated to the batch SSID `ssidname` whose state is described by `jobstate`:

- DELETED if no record in RECON describes this SSID;
- ABENDED if the SSID record found in RECON says so;
- blank otherwise.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMU35-007E** SECLOG SEARCH ERROR

**Explanation:** An error was encountered when trying to find records related to SECLOG inside the RECON data set. Refer to the previous message DRMU35-001I that specifies the search criteria. The message DRMUT20-003E issued previously to messages DRMU35-001I and DRMU35-001E indicates the encountered VSAM error.

**Severity:** Abend 4001

**User response:** Examine the VSAM error codes, verify the consistency of the search criteria, and correct accordingly.

**DRMU35-008I** LOG ON ERROR dsname

**Explanation:** The "log in error" flag is set in RECON for log data set `dsname`.
Severity: Abend 4001
User response: None, informational message.

DRMU35-009E  SECLOG NOT FOUND
Explanation: xxxx
Severity: Abend 4001
User response: Check the RECON data set.

DRMU35-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: This message is preceded by other messages describing the errors.
Severity: Abend 4001
User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMU38-nnnX

**Explanation:** The messages issued previously to the above message describe the encountered messages.

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct accordingly.
Messages DRMU39-nnnX

**Explanation:**  The IMS environment is not initialized.

**Severity:**  Abend 4001

**User response:**  Verify that your installation has installed the entire Application Recovery Tool product. Otherwise, contact your IBM representative.

**Explanation:**  An error was encountered when processing the AOP interface (ASMTDLI) within the IMS transaction manager environment (TP).

**Severity:**  Abend 4001

**User response:**  Examine the IMS system where this error was encountered, or contact your IBM representative.

**Explanation:**  An error was encountered when processing the AOP interface (AIBTDLI) within the DBCTL environment (coded in the IMSIDS member of the parmlib).

**Severity:**  Abend 4001

**User response:**  Examine the DBCTL and IMS environments where this error was encountered, or contact your IBM representative.
<table>
<thead>
<tr>
<th>Messages DRMU40-nnnX</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMU40-001E  PROBLEM COMPLEXITY TOO BIG. RESOURCES EXHAUSTED. TRY WITH A SMALLER SET OF DEDBS.</td>
</tr>
<tr>
<td><strong>Explanation:</strong> The number of DEDB databases is limited to 100 000.</td>
</tr>
<tr>
<td><strong>Severity:</strong> Abend 4001</td>
</tr>
<tr>
<td><strong>User response:</strong> Modify the value of the DB parameter in order to work on a smaller number of databases.</td>
</tr>
</tbody>
</table>

| DRMU40-001I  NO DB FOUND IN RECON FOR db SEARCH ARGUMENT |
| **Explanation:** No database was found in the RECON data set corresponding to the selection criterion `db` specified in the DB parameter. |
| **Severity:** Abend 4001 |
| **User response:** None, informational message. |

| DRMU40-004I  DBD xxxxxxxx : QUIESCE IN PROGRESS |
| **Explanation:** This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx database is in QUIESCE IN PROGRESS. The DRMINIT function or DRMVIC function cannot be executed with this database. |
| **Severity:** None. |
| **User response:** None. |

| DRMU40-004W  DBD xxxxxxxx : QUIESCE IN PROGRESS |
| **Explanation:** This message is issued when FLUSH=W is specified. The xxxxxxxx database is in QUIESCE IN PROGRESS. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database. |
| **Severity:** 4. |
| **User response:** None. |

| DRMU40-005I  DBD xxxxxxxx : QUIESCE HELD |
| **Explanation:** This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx database is in QUIESCE HELD. The DRMINIT function cannot be executed with this database. |
| **Severity:** None. |
| **User response:** None. |

| DRMU40-005W  DBD xxxxxxxx : QUIESCE HELD |
| **Explanation:** This message is issued when FLUSH=W is specified. The xxxxxxxx database is in QUIESCE HELD. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database. |
| **Severity:** None. |
| **User response:** None. |

| DRMU40-006I  PART xxxxxxxx (MASTER HALDB yyyyyyyy) : QUIESCE IN PROGRESS |
| **Explanation:** This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx partition of the yyyyyyyy HALDB database is in QUIESCE IN PROGRESS. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database. |
| **Severity:** None. |
| **User response:** None. |

| DRMU40-006W  PART xxxxxxxx (MASTER HALDB yyyyyyyy) : QUIESCE IN PROGRESS |
| **Explanation:** This message is issued when FLUSH=W is specified. The xxxxxxxx partition of the yyyyyyyy HALDB database is in QUIESCE IN PROGRESS. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database. |
| **Severity:** 4. |
| **User response:** None. |

| DRMU40-007I  PART xxxxxxxx (MASTER/HALDB yyyyyyyy) : QUIESCE HELD |
| **Explanation:** This message is issued when FLUSH=Y or FLUSH=N is specified. The xxxxxxxx partition of the yyyyyyyy HALDB database is in QUIESCE HELD. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database. |
| **Severity:** None. |
| **User response:** None. |

| DRMU40-007W  PART xxxxxxxx (MASTER/HALDB yyyyyyyy) : QUIESCE HELD |
| **Explanation:** This message is issued when FLUSH=W is specified. The xxxxxxxx partition of the yyyyyyyy HALDB database is in QUIESCE HELD. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database. |
| **Severity:** None. |
| **User response:** None. |

| DRMU40-008I  DEDB xxxxxxxx AREA yyyyyyyy : QUIESCE IN PROGRESS |
| **Explanation:** This message is issued when FLUSH=Y is specified. The xxxxxxxx database area yyyyyyyy is in QUIESCE IN PROGRESS. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database. |
| **Severity:** None. |
| **User response:** None. |
or FLUSH=N is specified. The AREA yyyyyyyyy of the DEDB database xxxxxxxx is in QUIESCE IN PROGRESS. The DRMINIT or DRMVIC function cannot be executed with this database.

**Severity:** None.

**User response:** None.

---

**DRMU40-008W** DEDB xxxxxxxx AREA yyyyyyyyy : QUIESCE IN PROGRESS

**Explanation:** This message is issued when FLUSH=W is specified. The AREA yyyyyyyyy of the DEDB database xxxxxxxx is in QUIESCE IN PROGRESS. The DRMIC, DRMCA, or DRMRECOV function cannot be executed with this database.

**Severity:** 4.

**User response:** None.

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**DRMU40-009I** DEDB xxxxxxxx AREA yyyyyyyyy : QUIESCE HELD

**Explanation:** This message is issued when FLUSH=Y or FLUSH=N is specified. The AREA yyyyyyyyy of the DEDB database xxxxxxxx is in QUIESCE HELD. The DRMINIT function cannot be executed with this database.

**Severity:** None.

**User response:** None.

---

**DRMU40-009W** DEDB xxxxxxxx AREA yyyyyyyyy : QUIESCE HELD

**Explanation:** This message is issued when FLUSH=W is specified. The AREA yyyyyyyyy of the DEDB database xxxxxxxx is in QUIESCE HELD. The DRMCA or DRMRECOV function cannot be executed with this database.

**Severity:** 4.

**User response:** None.

---

**DRMU40-020E** ONE DB AT LEAST HAS QUIESCE IN PROGRESS FLAG

**Explanation:** At least one of the databases or areas that were processed in the function is listed in either DRMU40-004I or DRMU40-006I. For the DRMINIT and DRMVIC functions, processing stops. For the DRMIC, DRMCA, and DRMRECOV functions, this message is issued because FLUSH=Y is specified.

**Severity:** Abend 4001.

**User response:** Wait until the QUIESCE is complete and run the job again.

---

**DRMU40-021E** ONE DB AT LEAST HAS QUIESCE HELD FLAG

**Explanation:** At least one of the databases or areas that were processed in the function is listed in either DRMU40-005I or DRMU40-007I. For the DRMINIT and DRMVIC functions, processing stops. For the DRMIC, DRMCA, and DRMRECOV functions, this message is issued because FLUSH=Y is specified.

**Severity:** Abend 4001.

**User response:** Issue the STOP(QUIESCE) command to stop the QUIESCE operation and run the job again.
Messages DRMU41-nnnX

DRMU41-001E  NO IC FOUND FOR DB dbname
            DDN ddname BEFORE YYQQQ
            DD/MM/YY HH:MM:SS.D

Explanation:  No image copy of the database with
              DBD dbname and ddname ddname earlier than the
              specified date could be found.

Severity:    Abend 4001

User response:  Verify the planning of image copies.
Messages DRMU43-nnnX

**DRMU43-001E** ONLINE LOG SEARCH ERROR FOR ssid

**Explanation:** An error has occurred during the search in the RECON data set of records related to the online log of the IMS system *ssid*. This message is preceded by message DRMU20-003E that specifies the VSAM error found.

**Severity:** Abend 4001

**User response:** Examine VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.
Messages DRMU44-nnnX

DRMU44-001I ***WAIT MODE ENTERED DURING
hh:mm:ss.dc (HH:MM:SS.DC) AT TIME
hh:mm:ss.d

Explanation: This message indicates the start time and intervals of the wait mode and is issued on a regular basis by the Application Recovery Tool generating job while supervising the process of the job it has prepared and submitted.

Severity: Abend 4001

User response: None, informational message.
Messages DRMU53-nnnX

DRMU53-001E  PROBLEM COMPLEXITY TOO BIG. RESOURCES EXHAUSTED. TRY WITH A SMALLER SET OF DB.

Explanation: The number of ISPF work tables has reached 10000000. Application Recovery Tool can no longer ensure processing.

Severity: Abend 4001

User response: Modify the command to decrease the number of databases to process.

DRMU53-002E  PRILOG SEARCH ERROR

Explanation: An error was encountered when searching records relative to the PRILOG in the RECON data set. The message DRMU02-003 describes the encountered VSAM error and is issued prior to message DRMU53-002E.

Severity: Abend 4001

User response: Examine the VSAM error codes, check the search criteria consistency, and correct accordingly.

DRMU53-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMU55-nnnX

DRMU55-001E  REORG SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the reorganization of databases, according to the criteria specified in the preceding message DRMU55-001I. Messages DRMU55-001I and DRMU55-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU55-001I  DBD dbdname DDN ddname TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU55-message. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search.

Severity: Abend 4001

User response: None, informational message.

DRMU55-002E  RECOV SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU55-001I. Messages DRMU55-001I and DRMU55-002E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.
Messages DRMU56-nnnX

DRMU56-001E  RECOV SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the recovery of databases, according to the criteria specified in the preceding message DRMU56-001I. Messages DRMU56-001I and DRMU56-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMU56-001I  DBD dbdname DDN ddname TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU56-message. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search.

Severity: Abend 4001

User response: None, informational message.
Messages DRMU57-nnnX

**DRMU57-001E** ALLOC SEARCH ERROR

**Explanation:** An error has occurred during the search in the RECON data set of records related to allocations of databases, according to the criteria specified in the preceding message DRMU57-001I. Messages DRMU57-001I and DRMU57-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

**Severity:** Abend 4001

**User response:** Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

**DRMU57-001I** DBD dbdname DDN ddname TSLIM timestamp

**Explanation:** This message is issued in conjunction with another DRMU57-message. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search.

**Severity:** Abend 4001

**User response:** None, informational message.
Messages DRMU60-nnnX

DRMU60-001E  VIC WRITE ERROR

Explanation:  An error has occurred while writing to the DRMRECON data set the VIC point information specified in the preceding message DRMU60-001I. Messages DRMU60-001I and DRMU60-001E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity:  Abend 4001

User response:  Examine the VSAM error codes, and perform the necessary corrections.

DRMU60-001I  DBD dbdname DDN ddname TS timestamp

Explanation:  This message is issued in conjunction with another DRMU60-message. It specifies the DBD dbdname, the ddname and the the timestamp timestamp of the VIC point which has failed.

Severity:  Abend 4001

User response:  None, informational message.

DRMU60-002E  VIC SCAN BACKWARD ERROR

Explanation:  An error has occurred while reading the DRMRECON data set as a part of the realization of the VIC point specified in the preceding message DRMU60-001I. Messages DRMU60-001I and DRMU60-002E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity:  Abend 4001

User response:  Examine the VSAM error codes, and perform the necessary corrections.

DRMU60-003E  VIC DELETE ERROR

Explanation:  An error has occurred while deleting a record from the DRMRECON data set before the realization of the VIC point specified in the preceding message DRMU60-001I. Messages DRMU60-001I and DRMU60-003E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity:  Abend 4001

User response:  Examine the VSAM error codes, and perform the necessary corrections.
Messages DRMU61-nnnX

DRMU61-001E  RESERVE ERROR ON CS1RECON
DEVICE RC rc

Explanation:  The request to take exclusive control of
the DRMRECON data set has been denied with return
code rc.

Severity:  Abend 4001

User response:  Verify current allocations on the
DRMRECON data set and the return code indicated.
Then perform the necessary corrections.
Messages DRMU62-nnnX

DRMU62-001E  DEQ ERROR ON CS1RECON
DEVICE RC rc

Explanation:  The request to release exclusive control
of the DRMRECON data set has been denied with
return code rc.

Severity:  Abend 4001

User response:  Verify current allocations on the
DRMRECON data set and the return code indicated.
Then, perform the necessary corrections.
Messages DRMU63-nnnX

DRMU63-001E  VIC SEARCH ERROR

Explanation: An error has occurred during the search in the DRMRECON data set of a VIC point responding to the criteria specified in the preceding message DRMU63-001I. Messages DRMU63-001I and DRMU63-001E are preceded by DRMU25 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes and verify the consistency of search criteria. Then, perform the necessary corrections.

DRMU63-001I  DBD dbdname DDN ddname TSLIM timestamp

Explanation: This message comes with DRMU63-001E. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search: search of the first VIC point later than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.
Messages DRMU64-nnnX

**DRMU64-001E**  ALLOC SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to database allocations, according to the criteria specified in the preceding message 001I. Messages 001I and 001E are preceded by message U20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes and verify the consistency of search criteria. Then, perform the necessary corrections.

DRMU64-001I  DBD dbdname DDN ddname TSLIM timestamp

Explanation: This message is issued in conjunction with another DRMU64-message. It specifies the DBD dbdname, the ddname ddname and the timestamp timestamp of the current search.

Severity: Abend 4001

User response: None, informational message.

**DRMU64-002E**  PRILOG SEARCH ERROR

Explanation: An error occurred when searching records relative to the PRILOG in the RECON data set. Refer to message DRMU20-003E that describes the encountered VSAM error which is issued prior to messages —001I and —005E.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then make the necessary corrections.

**DRMU64-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMU65-nnnX

**DRMU65-001E**  DRMXPROD MEMBER OF PARMLIB ALLOCATION ERROR rc/rs

**Explanation:** The dynamic allocation of the DRMXPROD member of the parmlib has failed. rc is the return code and rs the reason code.

**Severity:** Abend 4001

**User response:** Verify the existence and the features of the DRMXPROD member of the parmlib used, whose name appears in the next message DRMU65-006E.

**DRMU65-002E**  FUNCTION function ENTRY NOT FOUND IN PARMLIB MEMBER DRMXPROD.

**Explanation:** The function function requested is not in the function list of the DRMXPROD member of the parmlib.

**Severity:** Abend 4001

**User response:** Verify the name of the requested function and the DRMXPROD member of the parmlib used, whose name appears in the next message DRMU65-006E.

**DRMU65-006E**  THE PARMLIB IS dsname (REQUEST function)

**Explanation:** This message comes with another DRMU65-message. It specifies the dsname dsname of the parmlib used and the name function of the requested function.

**Severity:** Abend 4001

**User response:** Refer to the previous error message.

**DRMU65-007E**  DRMXPROD MEMBER OF PARMLIB NOT FOUND

**Explanation:** The DRMXPROD member does not exist in the parmlib used.

**Severity:** Abend 4001

**User response:** Verify the name of the parmlib used, indicated in the following message DRMU-006E, or restore the DRMXPROD member of the parmlib from the DRMKDEFP member.

**DRMU65-008E**  THE ERROR HAS OCCURRED DURING A SCAN OF THE DRMXPROD MEMBER. EDIT IT, CORRECT THE ERROR AND RETRY.

**Explanation:** An error has occurred while reading the DRMXPROD member of the parmlib used.

**Severity:** Abend 4001

**User response:** Verify the syntax of the DRMXPROD member of the parmlib used, whose name appears in the next message DRMU65-006E.
Messages DRMU68-nnnX

DRMU68-001E  SYSIDS MEMBER OF PARMLIB ALLOCATION ERROR rc/rs

Explanation:  The dynamic allocation of the SYSIDS member of the parmlib has failed. rc is the return code and rs the reason code.

Severity:  Abend 4001

User response:  Verify the existence and the features of the SYSIDS member of the parmlib used.

DRMU68-002E  SYSID sysid ENTRY NOT FOUND IN PARMLIB MEMBER DRMXSYSS. ADD IT IN DRMXSYSS MEMBER OR VERIFY THE MVS SYSID WHERE YOUR HAVE RUN THE PRODUCT.

Explanation:  The MVS system whose name is sysid is not described in the DRMXSYSS member of the parmlib used.

Severity:  Abend 4001

User response:  Verify the name of the MVS system that does the processing or add this name to the DRMXSYSS member of the parmlib used.

DRMU68-003E  DRMXSYSS MEMBER OF PARMLIB NOT FOUND

Explanation:  The DRMXSYSS member does not exist in the used parmlib.

Severity:  Abend 4001

User response:  Verify the name of the parmlib used, or restore the DRMXSYSS member of the parmlib from the DRMKDEFS member.

DRMU68-005E  SYSID sysid ENTRY IN ERROR IN PARMLIB MEMBER DRMXSYSS: EDIT THE DRMXSYSS MEMBER, CORRECT THE ERROR AND RETRY.

Explanation:  The description of the MVS system sysid inside member DRMXSYSS of the parmlib that is used contains a syntax error.

Severity:  Abend 4001

User response:  Correct the syntax of member DRMXSYSS.

DRMU68-007E  SYSID sysid ENTRY IN ERROR IN PARMLIB MEMBER DRMXSYSS: EDIT THE DRMXSYSS MEMBER, CORRECT THE ERROR AND RETRY.

Explanation:  The description of the MVS system whose name is sysid in the DRMXSYSS member of the parmlib used contains a syntax error.

Severity:  Abend 4001

User response:  Correct the syntax of the DRMXSYSS member of the parmlib used.
Messages DRMU69-nnnX

DRMU69-001E  DRMXIMSS MEMBER OF PARMLIB
  ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the
DRMXIMSS member of the parmlib has failed. rc is the
return code and rs the reason code.

Severity: Abend 4001

User response: Verify the existence and the features of
the DRMXIMSS member of the parmlib used.

DRMU69-002E  IMSID imsid ENTRY NOT FOUND
  IN PARMLIB MEMBER DRMXIMSS.

Explanation: The IMS system imsid is not described in
the DRMXIMSS member of the parmlib used. This
message is followed by message DRMU69-004E in TP,
by message DRMU69-005E in batch processing.

Severity: Abend 4001

User response: Refer to message DRMU69-004E.

DRMU69-003E  PSB/TRN LIST COUNT MAX
  EXHAUSTED

Explanation: The PSB list specified in the DRMXIMSS
member of the parmlib used (PSBNNAME parameter) is
limited to 10000 elements, the transactions list
(TRNNAME) also.

Severity: Abend 4001

User response: Verify the DRMXIMSS member of the
parmlib.

DRMU69-004E  VERIFY YOUR USER PROdataset
  USING THE "USER PROdataset
  CONFIGURATION" ENTRY.

Explanation: This message follows message
DRMU69-002E in TP.

Severity: Abend 4001

User response: Verify the name of the IMS system that
does the processing specified in the user prodataset,
using the option "user prodataset configuration" of the
Application Recovery Tool main menu, and modify it
or add it to the DRMXIMSS member of the parmlib
used.

DRMU69-005E  VERIFY THE PARM EXEC IMSID
  VALUE OR SEE THE DEFAULT VALUE
  IN THE DRMXSYSS MEMBER OF
  CURRENT PARMLIB.

Explanation: This message follows message
DRMU69-002E in batch processing.

Severity: Abend 4001

User response: Verify the name of the IMS system that
does the processing specified in the PARM field of the
EXEC card in the form (\&.,\&IMSID,\'imsid\',\&.) and
modify it or add it to the DRMXSYSS member of the
parmlib used. If the EXEC card does not specify the
IMSID parameter, verify the default name of the IMS
system indicated in the DRMXSYSS member of the
parmlib (DEFIMSID parameter).

DRMU69-007E  DRMXIMSS MEMBER OF PARMLIB
  NOT FOUND

Explanation: The DRMXIMSS member does not exist
in the parmlib used.

Severity: Abend 4001

User response: Verify the name of the parmlib used,
or restore the DRMXIMSS member of the parmlib from
the DRMKDEFI member.

DRMU69-008E  IMSID imsid ENTRY IN ERROR IN
  PARMLIB MEMBER DRMXIMSS: EDIT
  THE DRMXIMSS MEMBER, CORRECT
  THE ERROR AND RETRY.

Explanation: The description of the IMS system whose
name is imsid in the DRMXIMSS member of the
parmlib used contains a syntax error.

Severity: Abend 4001

User response: Correct the syntax of the DRMXIMSS
member of the parmlib used.
Messages DRMU71-nnnX

DRMU71-001I THE JOB jobname HAS BEEN SUBMITTED

Explanation: This message indicates that the Application Recovery Tool generating job has generated JCL to process the requested tasks and has submitted the JCL using the name jobname.

Severity: Abend 4001

User response: None, informational message.
Messages DRMU72-nnnX

DRMU72-001E SKELETON skelname ERROR
Explanation: The JCL generation (data set tailoring) from the JCL skeleton contained in the member skelname of the parmlib used has failed.
Severity: Abend 4001
User response: Correct the skeleton skelname

DRMU72-001I SKELETON MEMBER skelname HAS BEEN TAILORED:
Explanation: This message indicates that the data set tailoring of the JCL skeleton in member skelname of the parmlib has been performed successfully.
Severity: Abend 4001
User response: None, informational message.

DRMU72-002E SKELETON skelname NOT FOUND
Explanation: The member skelname searched for does not exist in the parmlib used.
Severity: Abend 4001
User response: Verify the name of the skeleton, the name of the parmlib used, or restore the skeleton searched for.

DRMU72-003E SKELETON skelname JOB jobname SUBMIT ERROR
Explanation: The JCL generated from the skeleton skelname with the job name jobname could not be submitted.
Severity: Abend 4001
User response: Correct the skeleton skelname of the parmlib used.

DRMU72-096E ddname ALLOCATION ERROR rc/rs
Explanation: The dynamic allocation of the data set whose ddname is ddname has failed; rc is the return code and rs the reason code.
Severity: Abend 4001
User response: Verify the existence and the features of the data set whose ddname is ddname. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.
Messages DRMU73-nnnX

DRMU73-001E  CLIST name ERROR
Explanation:  Processing of the CLIST name has failed.
Severity:  Abend 4001
User response:  Correct the CLIST name.

DRMU73-002E  CLIST name NOT FOUND
Explanation:  The member name does not exist in any DRMXULIB, DRMXPLIB, DRMURLIB libraries (in search order).
Severity:  Abend 4001
User response:  Perform the necessary corrections.

DRMU73-003E  CLIST OR REXX name NOT FOUND
Explanation:  The member name does not exist in any DRMXULIB, DRMXPLIB, DRMURLIB, DRMEXLIB libraries (in search order).
Severity:  Abend 4001
User response:  Perform the necessary corrections.
Messages DRMU74-nnnX

**DRMU74-001I**  NOTHING TO DO FOR THIS PARAMETER SET NO IMAGE COPIES TO DELETE

**Explanation:** No image copy of the selected table spaces is found for deletion considering the values specified within parameters RDAYS and FICMAX to fix the recovery conditions.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMU74-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** The messages issued previously to the above message describe the encountered errors.

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct accordingly.
Messages DRMU78-nnnX

| DRMU78-002I THE FOLLOWING TABLE SPACE(S) WITH PARTITION n HAVE BEEN SELECTED |
| Explanation: This message is followed by the list of all partitioned table spaces that are selected by the current function. |
| Severity: None. |
| User response: None. |

| DRMU78-003I NONE OF THE SELECTED TABLE SPACES MATCH DSSEL CRITERION |
| Explanation: The DSSEL parameter contains a numeric value (partition number) that is greater than the number of partitions of the selected table spaces. |
| Severity: None. |
| User response: None. |

DRMU78-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: The messages issued previously to the above message describe the encountered errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.
Messages DRMU79-nnnX

DRMU79-001I  NO MEMBER FOUND FOR mbrname
SEARCH ARGUMENT

Explanation:  The read library does not contain any member whose name responds to the criterion mbrname.

Severity:  Abend 4001

User response:  None, informational message.
Messages DRMU80-nnnX

DRMU80-001E  SCT02 IC DATASET NAME DOES NOT CONTAIN SCT02. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of table space DSNDB01.SCT02 is erroneous (refer to /sname syntax rules); the message specifies that the dsname of table space 'SCT02' is missing.

Severity: Abend 4001

User response: The image copies of the catalog table spaces must be taken using function DRMFIC (parameter TS=CATALOG) to be recognized by Application Recovery Tool.

DRMU80-001I  NOTHING TO DO FOR ts SEARCH ARGUMENT (FICMAX=n AND RDAYS=m)

Explanation: The specified table space has no image copy. Attention: This situation is abnormal for a production environment.

Severity: Abend 4001

User response: None, informational message.

DRMU80-002E  SCT02 IC DATASET NAME NOT ACCEPTED. INTERNAL ERROR GENERATED

Explanation: The image copy dsname of table space DSNDB01.SCT02 is incorrect according to the requirements of Application Recovery Tool (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980). In the above case, an invalid length was detected.

Severity: Abend 4001

User response: The image copies of the catalog table spaces must be taken using function DRMFIC (parameter TS=CATALOG) to be recognized by Application Recovery Tool.

DRMU80-003E  SCT02 IC DATASET NAME DOES NOT CONTAIN DSNDB01. INTERNAL ERROR GENERATED

Explanation: The image copy dsname of table space DSNDB01.SCT02 is incorrect according to the requirements of Application Recovery Tool; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980). In the above case, an invalid length was detected.

Severity: Abend 4001

User response: The image copies of the catalog table spaces must be taken using function DRMFIC (parameter TS=CATALOG) to be recognized by Application Recovery Tool.

DRMU80-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.
Messages DRMU81-nnnX

DRMU81-001E DBD LIBRARY dsname

**Explanation:** The dynamic allocation of the specified DBDLIB in the DRMXIMSS member of the parmlib, dsname dsname, has failed. This message is followed by message DRMU81-096E.

**Severity:** Abend 4001

**User response:** Check the dsname of the DBDLIB, or see the message DRMU81-096E.

---

DRMU81-002E DB DYNAMIC ALLOCATION LIBRARY dsname

**Explanation:** The dynamic allocation of the specified DYNLIB in the DRMXIMSS member of the parmlib, dsname dsname, has failed. This message is followed by message DRMU81-096E.

**Severity:** Abend 4001

**User response:** Verify the dsname of the DYNLIB, or see the message DRMU81-096E.

---

DRMU81-003E DB DYNAMIC ALLOCATION MODULE name NOT FOUND

**Explanation:** The dynamic allocation module name of the DYNLIB library could not be loaded.

**Severity:** Irrelevant.

**User response:** Verify the features of the module name in the DYNLIB and perform the necessary corrections.

---

DRMU81-004E DBD dbdname DDN ddname DSNAME NOT FOUND IN DFSMDA DEFINITION

**Explanation:** The dsname of the data set ddname of the database whose dbd is dbdname was not found in the corresponding DFSMDA module.

**Severity:** Abend 4001

**User response:** Verify the concerned dbd, and perform the necessary corrections.

---

DRMU81-005E DBD MODULE dbdname NOT FOUND IN DBDLIB

**Explanation:** The member dbdname of the DBDLIB library does not exist or could not be loaded.

**Severity:** Irrelevant

**User response:** Perform the necessary corrections.

---

DRMU81-006E INVALID DBD MODULE dbdname

**Explanation:** The member dbdname of the DBDLIB library is invalid. The DBD name specified in its prefix is not dbdname.

**Severity:** Irrelevant

**User response:** Perform the necessary corrections.

---

DRMU81-007I type NOT SUPPORTED, DBD dbdname IGNORED

**Explanation:** The database attached to the DBD dbdname has the organization type type that is not recognized by Application Recovery Tool. The DBD dbdname is ignored.

**Severity:** Abend 4001

**User response:** None, informational message.

---

DRMU81-008I type NO VSAM, DBD dbdname IGNORED

**Explanation:** The database attached to the DBD dbdname has the non-VSAM organization type type different from HDAM and HIDAM: type not recognized by Application Recovery Tool. The DBD dbdname is ignored.

**Severity:** Abend 4001

**User response:** None, informational message.

---

DRMU81-009E DB DYNAMIC ALLOCATION MODULE name INVALID

**Explanation:** The dynamic allocation module name does not exist in the DYNLIB library or exists but does not contain the expected heading (‘MDA ‘ in position 8, but not ‘DFSDCMON’).

**Severity:** Irrelevant

**User response:** Perform the necessary corrections.

---

DRMU81-010E DB DYNAMIC ALLOCATION MODULE name HAS NOT THE SAME DDNAME REFERENCE

**Explanation:** The ddname referenced in the dynamic allocation module name does not correspond to the one of DBDLIB.

**Severity:** Irrelevant

**User response:** Perform the necessary corrections.

---

DRMU81-011I FOR DEDB dbname area name THE DDNAME SEARCH CRITERIA addn HAS FAILED (SEE ADDN=, PARAMETER).

**Explanation:** For the area area name of the DEDB database dbname, no module of the DYNLIB matches
the specified research criterion addn.

**Severity:** Abend 4001

**User response:** None, informational message.

---

**DRMU81-096E**  ddname ALLOCATION ERROR rc/rs

**Explanation:** The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

**Severity:** Abend 4001

**User response:** Verify the existence and the features of the data set whose ddname is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and to correct it.

---

**DRMU81-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
### Messages DRMU83-nnnX

<table>
<thead>
<tr>
<th>Message ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMU83-001E</td>
<td>DRMXDB2S MEMBER OF PARMLIB ALLOCATION ERROR rc/rs</td>
</tr>
<tr>
<td>Explanation</td>
<td>The dynamic allocation of the DRMXDB2S member of the parmlib has failed. rc is the return code and rs the reason code.</td>
</tr>
<tr>
<td>Severity</td>
<td>Abend 4001</td>
</tr>
<tr>
<td>User response</td>
<td>Verify the existence and the features of the DRMXDB2S member of the parmlib used.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Message ID</th>
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</thead>
<tbody>
<tr>
<td>DRMU83-002E</td>
<td>DB2ID syst ENTRY NOT FOUND IN PARMLIB MEMBER DRMXDB2S. ADD IT IN DB2IDS MEMBER OR &lt;/h4&gt;</td>
</tr>
<tr>
<td>Explanation</td>
<td>The DB2 system name syst is not described in the DRMXDB2S member of the parmlib used. This message is followed by message DRMU83-003E in TP, message 004E in batch processing.</td>
</tr>
<tr>
<td>Severity</td>
<td>Abend 4001</td>
</tr>
<tr>
<td>User response</td>
<td>Refer to the next message.</td>
</tr>
</tbody>
</table>

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<tr>
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</thead>
<tbody>
<tr>
<td>DRMU83-003E</td>
<td>VERIFY YOUR USER PROdataset USING THE &quot;USER PROdataset CONFIGURATION&quot; ENTRY.</td>
</tr>
<tr>
<td>Explanation</td>
<td>This message follows message DRMU83-002E in TP.</td>
</tr>
<tr>
<td>Severity</td>
<td>Abend 4001</td>
</tr>
<tr>
<td>User response</td>
<td>Verify the name of the DB2 system specified in the user prodataset, using the option “user prodataset configuration” of the Application Recovery Tool main menu, and modify it or add it to the DRMXDB2S member of the parmlib used.</td>
</tr>
</tbody>
</table>

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<tr>
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<tbody>
<tr>
<td>DRMU83-004E</td>
<td>VERIFY THE PARM EXEC DB2ID VALUE OR SEE THE DEFAULT VALUE IN THE DRMXSYSS MEMBER OF CURRENT PARMLIB.</td>
</tr>
<tr>
<td>Explanation</td>
<td>This message follows message 002E in batch processing.</td>
</tr>
<tr>
<td>Severity</td>
<td>Abend 4001</td>
</tr>
<tr>
<td>User response</td>
<td>Verify the name of the DB2 system specified in the PARM field of the EXEC card in the form (.,.,DB2ID,'syst',.,) and modify it or add it to the DRMXDB2S member of the parmlib used. If the EXEC card does not specify the DB2ID parameter, verify the name of the default DB2 system indicated in the DRMXSYSS member of the parmlib ( DEFDB2ID parameter).</td>
</tr>
</tbody>
</table>

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<tbody>
<tr>
<td>DRMU83-006E</td>
<td>DRMXDB2S MEMBER OF PARMLIB NOT FOUND</td>
</tr>
<tr>
<td>Explanation</td>
<td>The member DRMXDB2S does not exist in the parmlib used.</td>
</tr>
<tr>
<td>Severity</td>
<td>Abend 4001</td>
</tr>
<tr>
<td>User response</td>
<td>Verify the name of the parmlib used, or restore the DRMXDB2S member of the parmlib from the DRMKDEFD member.</td>
</tr>
</tbody>
</table>

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<tr>
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</thead>
<tbody>
<tr>
<td>DRMU83-007E</td>
<td>DB2ID syst ENTRY IN ERROR IN PARMLIB MEMBER DRMXDB2S: EDIT THE DRMXDB2S MEMBER, CORRECT THE ERROR AND RETRY.</td>
</tr>
<tr>
<td>Explanation</td>
<td>The description of the DB2 system name syst in the DRMXDB2S member of the parmlib used contains a syntax error.</td>
</tr>
<tr>
<td>Severity</td>
<td>Abend 4001</td>
</tr>
<tr>
<td>User response</td>
<td>Correct the syntax of the DRMXDB2S member of the parmlib used.</td>
</tr>
</tbody>
</table>
Messages DRMU84-nnnX

DRMU84-001I  NO DATA HAS NEVER BEEN INSERTED INTO THE TABLESPACE

Explanation: The specified table space was defined with the DEFINE NO option, and no data has been inserted in any of its tables. The SPACE column from SYSIBM.SYSTABLEPART is equal to -1 for any of the table space partitions. This situation is handled by the utility according to the function in progress.

Severity: None.

User response: No action is required.

Messages DRMU85-nnnX

DRMU85-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the errors.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.
Messages DRMU86-nnnX

DRMU86-003E  ENVIRONMENT TOO LARGE

Explanation: The sum of the ISPF variable lengths listed in the COND parameter of the skeleton used exceeds 32000.

Severity:  Abend 4001

User response: Modify the COND parameter in the relevant member of the concerned parmlib.
Messages DRMU87-nnnX

**DRMU87-001E**  DEFAULT PARMLIB dsname NOT ALLOCATED

**Explanation:** The library whose dsname is *dsname*, used as a default parmlib by Application Recovery Tool, could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

**Severity:** Abend 4001

**User response:** Verify the existence, the features, and the user authorizations on this library.

**DRMU87-002E**  DEFAULT USERLIB dsname NOT ALLOCATED

**Explanation:** The library whose dsname is *dsname*, and whose name is specified in the DRMXRUN member of the default parmlib (USERLIB= parameter), could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

**Severity:** Abend 4001

**User response:** Verify the existence, the features and the user authorizations on this library. Verify also the DRMXRUN member of the default parmlib.

**DRMU87-003E**  MEMBER DRMXRUN OF PARMLIB dsname NOT ALLOCATED

**Explanation:** The member DRMXRUN exists in the default parmlib whose dsname is *dsname*, but could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

**Severity:** Abend 4001

**User response:** Verify the features of the DRMXRUN member of the default parmlib.

**DRMU87-004E**  MEMBER DRMXRUN OF PARMLIB dsname NOT VALID

**Explanation:** The DRMXRUN member of the default parmlib contains a syntax error.

**Severity:** Abend 4001

**User response:** Correct the syntax of the DRMXRUN member of the default parmlib.

**DRMU87-005E**  MEMBER DRMXRUN OF USERLIB dsname NOT ALLOCATED

**Explanation:** The member DRMXRUN exists in the user parmlib whose dsname is *dsname*, but could not be dynamically allocated. This message is followed by message DRMU87-096E specifying the error code.

**Severity:** Abend 4001

**User response:** Verify the features of the DRMXRUN member of the user parmlib.

**DRMU87-006E**  MEMBER DRMXRUN OF USERLIB dsname NOT VALID

**Explanation:** The DRMXRUN member of the user parmlib contains a syntax error.

**Severity:** Abend 4001

**User response:** Correct the syntax of the DRMXRUN member of the user parmlib.

**DRMU87-096E**  ALLOCATION ERROR rc/rs

**Explanation:** The dynamic allocation of the data set specified in the preceding message has failed. *rc* is the return code and *rs* the reason code.

**Severity:** Abend 4001

**User response:** Verify the existence and the features of the data set specified in the preceding message. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.
Messages DRMU88-nnnX

DRMU88-001I  NO TS FOUND IN DB2 FOR ts
           SEARCH ARGUMENT

Explanation: Informative: the interrogation of the DB2 catalog through the SQL statement resulting from the
DRMQLTS skeleton has shown that no table space satisfies simultaneously the criteria on the table space
name, the database name and the creator’s name resulting from the TS list item and the DBSET and
AUTHID parameters.

Severity:  Abend 4001
User response:  None, informational message.

DRMU88-002I  THE FOLLOWING TABLESPACE(S)
           HAVE BEEN SELECTED

Explanation: This message is followed by the list of all table spaces that are selected by the current function.

Severity:  Abend 4001
User response:  None, informational message.

DRMU88-003I  NO DATA HAS NEVER BEEN
           INSERTED INTO THE TABLESPACE
           xxxxxxxxx.xxxxxxxx

Explanation: The specified table space was defined with the DEFINE NO option, and no data has been
inserted in any of its tables. The SPACE column from
SYSIBM.SYSTABLEPART is equal to -1 for any of the
table space partitions. This situation is handled by the
utility according to the function in progress.

Severity:  Abend 4001
User response:  No action is required.

DRMU88-097E  INTERRUPT BY NON-
           RECOVERABLE ERROR

Explanation: The call of the interrogation procedure of
the DB2 catalog has failed.

Severity:  Abend 4001
User response:  Examine the preceding messages, and
perform the necessary corrections. Verify the existence
and the availability of the DRMXPROC load module of
Application Recovery Tool.
Messages DRMU89-nnnX

DRMU89-001I  NO TS FOUND IN DB2 FOR ts SEARCH ARGUMENT

Explanation:  Informative: the interrogation of the DB2 catalog through the SQL statement resulting from the DRMQTSPRT skeleton has shown that no table space satisfies simultaneously the criteria on the table space name, the database name and the creator’s name resulting from the TS list item and the DBSET and AUTHID parameters.

Severity:  Abend 4001

User response:  None, informational message.

DRMU89-002I  NO DATA HAS NEVER BEEN INSERTED INTO THE TABLESPACE

Explanation:  The specified table space was defined with the DEFINE NO option, and no data has been inserted in any of its tables. The SPACE column from SYSIBM.SYSTABLEPART is equal to -1 for any of the table space partitions. This situation is handled by the utility according to the function in progress.

Severity:  None.

User response:  No action is required.

DRMU89-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  The call of the interrogation procedure of the DB2 catalog has failed.

Severity:  Abend 4001

User response:  Examine the preceding messages, and perform the necessary corrections. Verify the existence and the availability of the DRMXPROC load module of Application Recovery Tool.
DrMu91-nnnX

DrMu91-001E  SCT02 IC DATASET NAME DOES NOT CONTAIN SCT02. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980). It does not contain the name of the tablespace 'SCT02'.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog have to be made using the function DRMFIC (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DrMu91-011I  NOTHING TO DO FOR ts SEARCH ARGUMENT (FICMAX=n AND RDAYS=m).

Explanation: Informative: no image copy satisfies the FICMAX and RDAYS criteria requested for the table spaces that satisfy the search conditions resulting from the TS list item ts and the DBSET and AUTHID parameters.

Severity: Abend 4001

User response: None, informational message.

DrMu91-002E  SCT02 IC DATASET NAME NOT ACCEPTED. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980). Its length is invalid.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog have to be made using the function DRMFIC (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DrMu91-003E  SCT02 IC DATASET NAME DOES NOT CONTAIN DSNDB01. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980). It does not contain the name of the database ‘DSNDB01’.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog have to be made using the function DRMFIC (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DrMu91-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: The interrogation of the DB2 catalog has failed.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Verify the existence and the availability of the DRMXPROC load module of Application Recovery Tool.
**Messages DRMU92-nnnX**

**DRMU92-001E**  ISPF ERROR zerrmsg zerrsm zerrlm

**Explanation:** After an ISPF error, this message displays the contents of ISPF variables ZERRMSG (identifier of the error message), ZERRSM (text of the short message) and ZERRLM (text of the long message).

**Severity:**  Abend 4001

**User response:**  Perform the necessary corrections.
Messages DRMU96-nnnX

DRMU96-001I NO DATASET FOUND ON VOLUME volume FOR MASK dsname
Explanation: The volume labeled volume contains no data set whose name matches the search criterion dsname.
Severity: Abend 4001
User response: None, informational message.

DRMU96-002W NOT SUPPORTED DATASET NAME dsname
Explanation: The dsname found dsname does not comply with the usual syntax of the dsnames.
Severity: None
User response: None, warning message.

DRMU96-003E INVALID DATASET MASK dsname
Explanation: The mask that is used for the search of dsnames does not comply with the usual syntax of the dsnames.
Severity: Abend 4001
User response: Verify the DSN, VDAYS, and VTIME parameters.

DRMU96-004E CVAFSEQ ERROR rc/rs ON VOLUME volume (VOLUME MUST HAVE AN INDEXED VTOC)
Explanation: The access to the VTOC of the volume labeled volume has failed with return code rc and reason code rs.
Severity: Abend 4001
User response: None, warning message.

DRMU96-006W SYNCHRONIZATION PROBLEM ON VOLUME volume
Explanation: A synchronization problem was detected between the VTOC index on volume volume and the VTOC itself. This abnormality is probably due to a concurrent update.
Severity: None
User response: None, warning message.

DRMU96-007I RETRY IN PROGRESS
Explanation: This message follows U96-006W to indicate that a new attempt to read the VTOC index of the same volume will be made, after deallocation and reallocation of this volume.
Severity: Abend 4001
User response: None, informational message.

DRMU96-097E INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: The allocation of the requested volume has failed.
Severity: Abend 4001
User response: Perform the necessary corrections.
Messages DRMU97-nnnX

DRMU97-001E  DIRECT ACCESS VOLUME volume UNKNOWN IN YOUR SYSTEM

Explanation:  The volume labeled volume is unknown in the system.
Severity:  Abend 4001
User response:  Correct the volume name.

DRMU97-002E  VOLUME volume AT ADDRESS adr IS NOT ONLINE

Explanation:  The disk volume volume is not online.
Severity:  Abend 4001
User response:  Perform the necessary corrections.

DRMU97-003E  UNIT TYPE OF VOLUME volume AT ADDRESS adr UNKNOWN

Explanation:  The unit type of the volume volume is unknown by the system.
Severity:  Abend 4001
User response:  Perform the necessary corrections.
Messages DRMV02-nnnX

**DRMV02-001I**  NO VOLUME FOUND FOR SEARCH CRITERIA vol

*Explanation:* No volume name matches the search criterion `vol` specified in the VOL parameter.

*Severity:* Abend 4001

*User response:* None, informational message.

---

**DRMV02-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

*Explanation:* This message is preceded by other messages describing the errors.

*Severity:* Abend 4001

*User response:* Examine the preceding messages, and perform the necessary corrections.
Messages DRMV03-nnnX

DRMV03-001E  MEMBER name OF USERLIB
dname NOT ALLOCATED

Explanation: The member name exists in the user parmlib whose dsname is dsname, but it could not be dynamically allocated. This message is followed by message DRMV03-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the member name of the user parmlib.

DRMV03-002E  MEMBER name OF PARMLIB
dname NOT ALLOCATED

Explanation: The member name exists in the current parmlib whose dsname is dsname but it could not be dynamically allocated. This message is followed by message DRMV03-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the member name of the current parmlib.

DRMV03-003E  MEMBER name OF PARMLIB
dname NOT FOUND

Explanation: The member name does not exist in the parmlib used, dsname dsname.

Severity: Abend 4001

User response: Verify the name of the parmlib used or restore the member name to this parmlib.

DRMV03-096E  ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is ddname. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.
**Messages DRMV08-nnnX**

**DRMV08-001E**  DSPURX00 ATTACH ERROR RC xxx - yyy FROM dsname

**Explanation:** The call to DBRC has ended with an abend. The message specifies the system abend code xxx and the IMS abend code yyy in hexadecimal, as well as the dsname dsname of the IMS load module library used.

**Severity:** Abend 4001

**User response:** Refer to the DBRC error messages that follow or to indicated abend codes, and perform the necessary corrections.

**DRMV08-002E**  DBRC ERROR DETECTED. THE DBRC SYSPRINT IS PRINTING...

**Explanation:** Processing of DBRC has ended with a return code greater than 4. The messages issued by DBRC follow.

**Severity:** Abend 4001

**User response:** Refer to the DBRC error messages that follow, and perform the necessary corrections.

**DRMV08-003E**  WORK data set SYSPRINT NOT ALLOCATED

**Explanation:** The dynamic allocation of the work data set SYSPRINT has failed. This message is followed by message DRMV08-096E specifying the error code.

**Severity:** Abend 4001

**User response:** Verify the JCL and suppress any DD card allocating the SYSPRINT data set. Otherwise, refer to message DRMV08-096E.

**DRMV08-096E**  ALLOCATION ERROR rc/rs

**Explanation:** The dynamic allocation of the SYSPRINT data set has failed. rc is the return code and rs the reason code.

**Severity:** Abend 4001

**User response:** Verify that SYSPRINT is not already allocated. If it is not, use the Return code and the reason code in the message to find the cause of the error and correct it.

**DRMV08-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
Messages DRMV09-nnnX

DRMV09-001E  CAGRP cagrpname SEARCH ERROR

Explanation:  An error has occurred during the search in the RECON data set of records related to the CAGROUP cagrpname. This message is preceded by message DRMU20-003E that specifies the VSAM error found.

Severity:  Abend 4001

User response:  Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV09-002E  CAGRP cagrpname DB COUNT NOT >0

Explanation:  According to the record found in the RECON data set, the CAGROUP cagrpname does not contain any database.

Severity:  Abend 4001

User response:  Verify the RECON data set and the definition of the CAGROUP given to DBRC (LIST.CAGRP).
Messages DRMV11-nnnX

DRMV11-001E  ERROR CALLING DRMDBASE
RETURN CODE IS rc

Explanation: The direct read of the DB2 catalog performed by load module DRMDBASE has failed. Either a problem of data coherence occurred, a QUIESCE of the catalog (always done if in ACCESS=QFAST) should resolve this problem, or a problem of competitive access to the VSAM clusters containing the catalog was encountered.

Severity: Abend 4001

User response: Examine all other SYSOUT messages to check if it is a problem of competitive access. If so, examine the reason. Otherwise, restart and specify ACCESS=QFAST, as a QUIESCE on DSNDB06.SYSDBASE should resolve problems of data that is not coherent. These problems only occur if a standard SQL access was requested (ACCESS=SQL in member DRMXDB2S of the parmlib).

DRMV11-002E  LOAD MODULE DRMDBASE NOT FOUND

Explanation: Starting the load module DRMDBASE via TSO has failed as DRMDBASE cannot be found in either LINKLIST or in STEPLIB. Probably an installation problem that occurs only when attempting to access the DB2 catalog for the first time (ACCESS = FAST or QFAST specifies in member DRMXDB2S of the parmlib) as the load module performing read processing of the DB2 catalog is concerned.

Severity: Abend 4001

User response: Recopy DRMDBASE into the LINKLIST (refer to the Program Directory for installing the product).

DRMV11-003E  FAILED CALL TO LOAD MODULE DRMDBASE WITH SYSTEM ABEND CODE n

Explanation: Processing of the DRMDBASE load module failed.

Severity: Abend 4001

User response: Examine the system messages that were issued to analyze the error and restart. Otherwise, contact your IBM representative.

DRMV11-004E  FAILED CALL TO LOAD MODULE DRMDBASE WITH USER ABEND CODE n

Explanation: Processing of the DRMDBASE load module failed.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.

DRMV11-096E  INVALID REQUEST

Explanation: An unknown SQL request was encountered.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV11-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Messages that are issued prior to the above message describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.
Messages DRMV12-nnnX

DRMV12-005E  FTINCL ERROR
Explanation:  The file tailoring of the skeleton to be found in member DRMVIC or DRMSDBAS of the parmlib has failed.
Severity:  Abend 4001
User response:  Correct the skeleton. Refer to the ISPF messages.

DRMV12-009E  FAILED CALL TO DSNUTILB RC rc
Explanation:  The call to DSNUTILB has failed.
Severity:  Abend 4001
User response:  If the return code \textit{rc} specified is 999, and if the DB2LIB load module library that contains DSNUTILB is not allocated in LINKLIB, add this library in your steplib and restart processing. Otherwise, contact your IBM representative.

DRMV12-010E  FAILED CALL TO DSNUTILB
Explanation:  An abend was issued when calling DSNUTILB.
Severity:  Abend 4001
User response:  Examine the DSNUTILB error messages.

DRMV12-010I  QUIESCE RUNNING
Explanation:  This message announces processing of a QUIESCE either on the table spaces selected by the current function, or on catalog table spaces that are to be read through direct VSAM access by Application Recovery Tool.
Severity:  Abend 4001
User response:  None, informational message.

DRMV12-096E  ddname ALLOCATION ERROR rc/rs
Explanation:  The dynamic allocation of data set \textit{ddname} has failed.
Severity:  Abend 4001
User response:  Check if the data set is not already allocated. Also, examine the return code and reason code.

DRMV12-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation:  Refer to the previous messages that describe the errors.
Messages DRMV18-nnnX

DRMV18-001E  ERROR RETURN INFDB2X2.
   DDN=ddname, REASON rs

Explanation:  An error was encountered when accessing (VSAM) the DB2 catalog.

Severity:  Abend 4001

User response:  Check the status of the DB2 catalog. Otherwise, contact your IBM representative.

DRMV18-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  Refer to the previous messages describing the errors.

Severity:  Abend 4001

User response:  Examine the previous messages and correct accordingly.
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<th>Message Description</th>
<th>Explanation</th>
<th>Severity</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMV19-001I</td>
<td>DB dbname DDN ddname IS NOT ALLOCATED FOR UPDATE, AND BYPASSED.</td>
<td>The database of DBD dbname and DDN ddname is not allocated for updating and, therefore, will be ignored.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV19-001I</td>
<td>TRY TO CONTINUE WITHOUT CONTROL REGION imsid AT time</td>
<td>The IMS region imsid is not started at this time. Processing continues while waiting for the start of the IMS region.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV19-001I</td>
<td>DB dbname IS STILL USED BY SSID imsid</td>
<td>The database dbname is still used in update by the IMS system imsid.</td>
<td>None</td>
<td>None, warning message.</td>
</tr>
<tr>
<td>DRMV19-003I</td>
<td>RETRY COUNT REACHED, WAIT ABORTED.</td>
<td>The maximum number of tries indicated by the RETRY parameter has been reached.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV19-003I</td>
<td>DB dbname IS STILL USED BY BMP psbname</td>
<td>The database dbname is still used in update by a BMP whose PSB is psbname.</td>
<td>None</td>
<td>None, warning message.</td>
</tr>
<tr>
<td>DRMV19-004E</td>
<td>DB dbname CAN’T BE DB DUMPED</td>
<td>The database dbname could not be stopped by the command /DBDUMP.</td>
<td>Abend 4001</td>
<td>Verify the status of the database.</td>
</tr>
<tr>
<td>DRMV19-005E</td>
<td>TIMEOUT REACHED, STOP ABORTED.</td>
<td>The maximum wait time during the critical section indicated by the MAXTIME parameter has been reached.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV19-005E</td>
<td>RESTART DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM. RESTART BYPASSED.</td>
<td>The IMS command printed just before this message has failed following a connection problem to IMS.</td>
<td>Irrelevant</td>
<td>Verify the status of the IMS system.</td>
</tr>
<tr>
<td>DRMV19-005W</td>
<td>DB dbname IS STILL USED BY BMP psbname</td>
<td>The database dbname is still used in update by a BMP whose PSB is psbname.</td>
<td>None</td>
<td>None, warning message.</td>
</tr>
<tr>
<td>DRMV19-005I</td>
<td>RETRY COUNT REACHED, WAIT ABORTED.</td>
<td>The maximum number of tries indicated by the RETRY parameter has been reached.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV19-006E</td>
<td>CURRENT OLDS NOT DETECTED. INTERNAL ERROR ISSUED</td>
<td>The active log data set OLDS has not been found. The command /TELL OLDS did not send the expected reply.</td>
<td>Abend 4001</td>
<td>Contact your IBM representative.</td>
</tr>
</tbody>
</table>
DRMV19-006I  WAIT FOR OLDS ddname ARCHIVE COMPLETED RETRY COUNT REACHED.
Explanation: The maximum wait time for the end of archiving has been reached (see the WAIT and ARCTIME parameters of DRMAOP).
Severity: Abend 4001
User response: None, informational message.

DRMV19-007W  DB dbname HAS BEEN UPDATED BY THE ABENDED SSID imsid BUT NO BACKOUT HAS BEEN DONE
Explanation: Updates were in progress on the database dbname when an abend of the IMS system imsid occurred.
Severity: None
User response: None, warning message.

DRMV19-007I  OLDS SWITCH NOT REQUIRED, SWITCH IS BYPASSED.
Explanation: The active OLDS data set does not contain allocation concerning processed databases. The switch is not necessary.
Severity: Abend 4001
User response: None, informational message.

DRMV19-008E  DB dbname CAN'T BE STARTED
Explanation: The database dbname could not be started. This message is preceded by messages issued by IMS.
Severity: Abend 4001
User response: Study the preceding IMS messages and verify the status of the database.

DRMV19-008I  TIMEOUT REACHED, START ABORTED.
Explanation: The maximum wait time during the critical section indicated by the MAXTIME parameter has been reached.
Severity: Abend 4001
User response: None, informational message.

DRMV19-009I  WAIT FOR OLDS ddname SUBARCH COMPLETED RETRY COUNT REACHED.
Explanation: The maximum wait time for submitting the archiving job has been reached (see the WAIT and RETRY parameters of DRMAOP).
Severity: Abend 4001
User response: None, informational message.

DRMV19-009W  STOP DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM.
Explanation: The stop of a database has failed following a connection problem to IMS.
Severity: None
User response: None, warning message.

DRMV19-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: This message is preceded by other messages describing the errors.
Severity: Abend 4001
User response: Examine the preceding messages, and perform the necessary corrections.
**Messages DRMV21-nnnX**

**DRMV21-001E**  SSID SEARCH ERROR FOR imsid

**Explanation:** An error has occurred during the search in the RECON data set of records related to the IMS system *imsid*. This message is preceded by the message DRMU20-003E that specifies the VSAM error found.

**Severity:** Abend 4001

**User response:** Examine the VSAM error codes, and perform the necessary corrections.
**Messages DRMV22-nnnX**

**DRMV22-001E**  VOLUME volume UNIT unit
ALLOCATION ERROR rc/rs DDN ddname

Explaination: The attempt to allocate the volume whose label is *volume* and unit is *unit* under the ddname *ddname* has failed. *rc* is the return code and *rs* is the reason code.

Severity: Abend 4001

User response: Use the return code and the reason code in the message to find the cause of the error and correct it.

---

**DRMV22-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

Explaination: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMV23-nnnX

DRMV23-001E  DATASET dsname NOT CATALOGED

Explanation:  The data set whose dsname is dsname is not cataloged.

Severity:  Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response:  Perform the necessary corrections.

DRMV23-002E  DATASET dsname DSCB OBTAIN ERROR rc FROM VOLUME volume

Explanation:  The reading of the data set DSCB dsname on the volume whose label is volume has failed. The return code rc from OBTAIN is indicated.

Severity:  Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response:  Perform the necessary corrections.

DRMV23-003E  DATASET dsname NOT CATALOGED (CLUSTER DATA)

Explanation:  The data component of the VSAM cluster under inspection, whose dsname is dsname, is not cataloged.

Severity:  Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response:  Perform the necessary corrections.

DRMV23-004E  DATASET dsname NOT CATALOGED (CLUSTER INDEX)

Explanation:  The index component of the VSAM cluster under inspection, whose dsname is dsname, is not cataloged.

Severity:  Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response:  Perform the necessary corrections.

DRMV23-005E  DATASET dsname DSCB OBTAIN ERROR rc FROM VOLUME volume

Explanation:  The reading of the DSCB of the data component of the VSAM cluster under inspection, whose dsname is dsname, on the volume whose label is volume has failed. The Return code rc from OBTAIN is indicated.

Severity:  Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response:  Perform the necessary corrections.

DRMV23-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.

Severity:  Irrelevant. Processing proceeds, except in the case when the FLUSH parameter is 'Y'.

User response:  Examine the preceding messages, and perform the necessary corrections.
Messages DRMV24-nnnX

DRMV24-001E  DATASET dsname SHOWCAT
ERROR rc (t)

Explanation: The VSAM cluster dsname is badly defined. The SHOWCAT has given the return code rc and the component type t.

Severity: Irrelevant
User response: Perform the necessary corrections.

DRMV24-002E  DATASET dsname IS NOT A CLUSTER (CELL TYPE IS t)

Explanation: The VSAM cluster dsname is badly defined. The SHOWCAT has returned the component type t although the cluster type ‘C’ was expected.

Severity: Irrelevant
User response: Perform the necessary corrections.

DRMV24-003E  DATASET dsname DATA COMPONENT NOT FOUND

Explanation: The VSAM cluster dsname is badly defined. The SHOWCAT indicates no data component.

Severity: Irrelevant
User response: Perform the necessary corrections.

DRMV24-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: Refer to the previous messages that describe the errors.

Severity: Abend 4001
User response: Examine the previous messages and correct accordingly.
Messages DRMV26-nnnX

DRMV26-001E  DB dbname DDN ddname DSN
dsnname SPACE CHARACTERISTICS
SEARCH ERROR

Explanation: The search for the features of the data set
dsnname attached to the ddname ddname of the database
dbname has failed.

Severity: Abend 4001

User response: Refer to more precise messages which precede, and perform the necessary corrections.
Messages DRMV27-nnnX

DRMV27-001E PRILOG SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of records related to the PRILOG, according to the criteria specified in the preceding message DRMV27-001I. Messages DRMV27-001I and DRMV27-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV27-001I PRILOG SCAN TS timestamp

Explanation: This message is issued in conjunction with another DRMV27-message. It specifies the timestamp of the current search.

Severity: Abend 4001

User response: None, informational message.
Messages DRMV28-nnnX

**DRMV28-001I**  PRISLDS TS timestamp

**Explanation:** This message is issued in conjunction with another DRMV28-message. It specifies the timestamp of the current search.

**Severity:** Abend 4001

**User response:** None, informational message.

---

**DRMV28-001E**  PRISLDS SEARCH ERROR

**Explanation:** An error has occurred during the search in the RECON data set of records related to the PRISLDS, according to the criteria specified in the preceding message DRMV28-001I. Messages DRMV28-001I and DRMV28-001E are preceded by message DRMU20-003E that specifies the VSAM error found.

**Severity:** Abend 4001

**User response:** Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

---

**DRMV28-003E**  LOG REACHED WITH INVALID VOLLIST COUNT

**Explanation:** The record related to the PRISLDS found in the RECON data set specifies an empty or erroneous volume list.

**Severity:** Abend 4001

**User response:** List the RECON to verify the record related to the PRISLDS.

---

**DRMV28-004E**  LOG MAX VOL LIST COUNT REACHED. (MAX=20)

**Explanation:** The found PRISLDS has more than 20 volumes referenced in the RECON dataset. Application Recovery Tool processes only 20 volumes.

**Severity:** Abend 4001

**User response:** Contact your IBM representative.
**Messages DRMV29-nnnX**

**DRMV29-097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
Messages DRMV30-nnnX

**DRMV30-097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
### Messages DRMV31-nnnX

<table>
<thead>
<tr>
<th>Message ID</th>
<th>Description</th>
<th>Explanation</th>
<th>Severity</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMV31-001E</td>
<td>ERROR RETURN INFDB2X2. DDN = ddname, REASON rs</td>
<td>An error was encountered when trying to access the DB2 catalog.</td>
<td>Abend 4001</td>
<td>Check the DB2 catalog status.</td>
</tr>
<tr>
<td>DRMV31-097E</td>
<td>INTERRUPT BY NON-RECOVERABLE ERROR</td>
<td>Refer to the previous messages that describe the error.</td>
<td>Abend 4001</td>
<td>Examine the previous messages and correct accordingly.</td>
</tr>
</tbody>
</table>
Messages DRMV32-nnnX

DRMV32-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  Refer to the previous messages that describe the error.

Severity:  Abend 4001

User response:  Examine the previous messages and correct accordingly.
Messages DRMV33-nnnX

DRMV33-001E  ERROR RETURN IN INFDB2X2.DDN=ddname , REASON rs, TABLE=

Explanation: An error was encountered during the VSAM access to the DB2 catalog. The correlation name of the table is specified in case of a direct access to a table (TS=SYSTABLESPACE, TB= SYSTABLES, RL=SYSRELS). The correlation name of the table is not specified if the access to one of the above tables is done by means of an index.

Severity: Abend 4001

User response: Check the DB2 catalog. Otherwise, contact your IBM representative.

DRMV33-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages that describe the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMV37-nnnX

DRMV37-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.

Severity:  Abend 4001

User response:  Examine the preceding messages, and perform the necessary corrections.
### Messages DRMV38-nnnX

<table>
<thead>
<tr>
<th>Message</th>
<th>Description</th>
<th>Severity</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMV38-001E</td>
<td>ERROR WHILE PROCESSING DDN ddname, ACTION action</td>
<td>Abend 4001</td>
<td>Contact your IBM representative.</td>
</tr>
<tr>
<td>DRMV38-097E</td>
<td>INTERRUPT BY NON-RECOVERABLE ERROR</td>
<td>Abend 4001</td>
<td>Examine the previous messages and correct accordingly.</td>
</tr>
</tbody>
</table>
Messages DRMV39-nnnX

<table>
<thead>
<tr>
<th>Message ID</th>
<th>Message</th>
<th>Explanation</th>
<th>Severity</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMV39-001I</td>
<td>WAITING FOR JOB <strong>jobname</strong> QUEUED THE dd/mm/yy AT hh:mm:ss.s UNTIL THE LIMIT QUEUE TIME hh:mm:ss.s</td>
<td>This message indicates the start date and time for the waiting period of job <strong>jobname</strong> when it was submitted and the time limit for the waiting period.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV39-002E</td>
<td>DATASET dsname NOT ALLOCATED</td>
<td>The dynamic allocation of the data set whose dsname is <strong>dsname</strong> has failed. This message is followed by message DRMV39-096E specifying the error code.</td>
<td>Abend 4001</td>
<td>Verify the existence and the features of the data set <strong>dsname</strong>.</td>
</tr>
<tr>
<td>DRMV39-002I</td>
<td>WAITING FOR JOB <strong>jobname</strong> STARTED THE dd/mm/yy AT hh:mm:ss.s UNTIL THE END OF THIS JOB.</td>
<td>This message indicates the end date and time for the waiting period of job <strong>jobname</strong> and when it was started.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV39-003E</td>
<td>THE JOB CONTROL FUNCTION IS ABENDED. YOU MUST RE-INIT THE PRODUCT AND RETRY YOUR REQUEST.</td>
<td>An error caused the abend of the control function of the submitted jobs.</td>
<td>Abend 4001</td>
<td></td>
</tr>
<tr>
<td>DRMV39-004E</td>
<td>ALREADY 50 JOBS (MAX) QUEUED AND CONTROLLED. JOB <strong>jobname</strong> SUBMIT REQUEST DISCARDED.</td>
<td>The authorized maximum number: 50 controlled jobs is reached. The job <strong>jobname</strong> will not be submitted.</td>
<td>Abend 4001</td>
<td></td>
</tr>
<tr>
<td>DRMV39-006E</td>
<td>INVALID JOBQTIME HHMM VALUE hhmm. THIS PARAMETER COMES FROM THE CUSTOM MEMBER OR INPUT COMMAND.</td>
<td>The value <strong>hhmm</strong> of the JOBQTIME parameter is incorrect. The four characters <strong>hhmm</strong> must indicate a number <strong>hh</strong> of hours less than 24 and a number <strong>mm</strong> of minutes less than 60. The JOBQTIME parameter specifies the maximum wait time for the start of a submitted job.</td>
<td>Abend 4001</td>
<td>Correct the JOBQTIME parameter in the CUSTOM member of the parmlib or in the issued command.</td>
</tr>
<tr>
<td>DRMV39-007E</td>
<td>MAX QUEUE TIME REACHED FOR JOB <strong>jobname</strong>. THIS JOB HAS BEEN PURGED.</td>
<td>The wait time for the start of the submitted job has exceeded the value set by the JOBQTIME parameter. The job <strong>jobname</strong> has been purged before being processed.</td>
<td>Abend 4001</td>
<td>Restart the job <strong>jobname</strong>.</td>
</tr>
<tr>
<td>DRMV39-009E</td>
<td>ONE OR MORE GENERATED AND CHECKED JOB(S) HAS ABENDED OR HAS BEEN PURGED. REQUEST ABEND 4001 ISSUED</td>
<td>At least one of the submitted jobs ended with an abend or has been purged. The main job decided to abend.</td>
<td>Abend 4001</td>
<td>Study the reports of the jobs submitted by Application Recovery Tool, and perform the necessary corrections.</td>
</tr>
<tr>
<td>DRMV39-010E</td>
<td>JOBNAME IS BLANK, NO CONTROL DONE FOR THIS JOB</td>
<td>The name of the job to submit is not filled in. This job cannot be taken into account.</td>
<td>Abend 4001</td>
<td>Verify the processing of the DEFJOB variable in the JOBCARD CLIST of the parmlib, or the JOBNAME parameter of the command. Then restart processing.</td>
</tr>
</tbody>
</table>
**DRMV39-011E**  DUPLICATE JOBNAME jobname.
**CHANGE THE GENERATED JOB NAME WITH JOBNAME=, PARAMETER.**

**Explanation:** The generated job has the same name as the main job.

**Severity:** Abend 4001

**User response:** Change the name of the generated job by using the JOBNAME= parameter.

---

**DRMV39-096E**  ddname ALLOCATION ERROR rc/rs

**Explanation:** The dynamic allocation of the data set whose ddname is *ddname* has failed. *rc* is the return code and *rs* the reason code.

**Severity:** Abend 4001

**User response:** Examine the existence and the features of the data set whose ddname is *ddname*. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.

---

**DRMV39-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
Messages DRMV44-nnnX

DRMV44-001E  WORK data set SYSPRINT NOT ALLOCATED

Explanation: The dynamic allocation of the work data set SYSPRINT has failed. This message is followed by message DRMV44-096E specifying the error code.

Severity: Abend 4001

User response: Verify the *rmsh. JCL and suppress any DD card allocating the SYSPRINT data set. Otherwise, refer to message DRM44-096E.

DRMV44-001I  THE AMS DECK THAT WILL BE USED IS:

Explanation: This message is issued prior to the printing of the IDCAMS SYSIN when the TEST parameter was set to Y.

Severity: Abend 4001

User response: None, informational message.

DRMV44-002E  IDCAMS ERROR DETECTED. THE IDCAMS SYSPRINT IS PRINTING...

Explanation: Processing of IDCAMS has produced a return code not null. The messages issued by IDCAMS follow.

Severity: Abend 4001

User response: Refer to the IDCAMS error messages that follow, and perform the necessary corrections.

DRMV44-096E  ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the SYSPRINT data set has failed. rc is the return code and rs the reason code.

Severity: Abend 4001

User response: Verify that SYSPRINT is not already allocated. If it is not, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMV44-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages that describe the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMV45-nnnX

DRMV45-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is issued after other messages describing the errors that were encountered.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.
Messages DRMV46-nnnX

DRMV46-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is issued after other messages describing the errors that were encountered.

Severity:  Abend 4001

User response:  Examine the previous messages and correct accordingly.
Messages DRMV47-nnnX

<table>
<thead>
<tr>
<th>Error Code</th>
<th>Explanation</th>
<th>Severity</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMV47-001E</td>
<td>PARAMETER name REQUIRED BUT NOT FOUND</td>
<td>Abend 4001</td>
<td>Set the variable name.</td>
</tr>
<tr>
<td>DRMV47-002E</td>
<td>PARAMETER name VALUE NOT NUMERIC</td>
<td>Abend 4001</td>
<td>Correct the value of the variable name.</td>
</tr>
<tr>
<td>DRMV47-003E</td>
<td>PARAMETER name VGET ISPF ERROR</td>
<td>Abend 4001</td>
<td>Perform the necessary corrections.</td>
</tr>
</tbody>
</table>
Messages DRMV48-nnnX

DRMV48-097E INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.

Severity:  Abend 4001

User response:  Examine the preceding messages, and perform the necessary corrections.
Messages DRMV50-nnnX

DRMV50-001E  INVALID DB2 ENVIRONMENT DETECTED FOR THE CURRENT FUNCTION (PASSWORD PROBABLY RESTRICTED TO IMS).

Explanation: The DB2 environment for Application Recovery Tool is not correctly initialized.

Severity: Abend 4001

User response: Verify that your installation has installed the correct environment. Otherwise, contact your IBM representative.

DRMV50-002E  INTERRUPT BY A DB2 CONNECTION PROBLEM

Explanation: The attempt to connect to DB2 has failed.

Severity: Abend 4001

User response: Verify the name of the DB2 system specified in the DB2ID parameter.

DRMV50-002I  RETRY COUNT REACHED, WAIT ABORTED.

Explanation: The maximum number of tries set by the RETRY parameter has been reached.

Severity: Abend 4001

User response: None, informational message.

DRMV50-003I  WAITING FOR JOB utilid UTILITY COMPLETION...

Explanation: This message indicates that the job is waiting for the end of processing of the DB2 utility utilid.

Severity: Abend 4001

User response: None, informational message.

DRMV50-004E  DB2LIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the DB2 load module library, whose dsname is dsname, has failed. This message is followed by message DRMV50-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set dsname.

DRMV50-004I  UTILITY utilid IS IN PHASE phase STATUS status AT TIME hh:mm:ss.d

Explanation: This message displays the result of a -DISPLAY UTILITY utilid specifying the time when this result was obtained.

Severity: Abend 4001

User response: None, informational message.

DRMV50-005E  DSNWLI2 MODULE LOAD ERROR

Explanation: Load DSNWLI2 could not be loaded.

Severity: Abend 4001

User response: Verify the existence and the features of DSNWLI2 in the DB2LIB library.

DRMV50-005I  DB2 ARCHIVE LOG STEP START AT TIME HH:MM:SS:D

Explanation: Indicates that DRMVIC has requested the archiving of the DB2 log at the specified time.

Severity: Abend 4001

User response: Verify the existence and the features of DSNWLI2 in the DB2LIB library.

DRMV50-006E  IFI CALL ERROR rc/rs

Explanation: The call to the IFI interface to issue a DB2 command has failed, with return code rc and reason code rs.

Severity: Abend 4001

User response: Verify the authorizations on DB2 resources.

DRMV50-007E  DSNT397I HEADER LINE NOT FOUND.

Explanation: The DB2 command - DISPLAY DATABASE did not return expected informations. The header line DSNT397I is absent.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV50-008E  DASH HEADER LINE NOT FOUND.

Explanation: The DB2 command - DISPLAY DATABASE did not return the expected information. The dash line is absent.

Severity: Abend 4001

User response: Contact your IBM representative.

DRMV50-009E  DISPLAY DATA LINE NOT FOUND.

Explanation: The DB2 command - DISPLAY DATABASE did not return the expected informations. The table of information is empty.

Severity: Abend 4001
User response:  Contact your IBM representative.

DRMV50-010W  DB dbname TS tsname IS STILL
USED BY corrid

Explanation:  The table space dbname.tsnme is in batch use by corrid (see the description of the DB2 message DSNT396I).

Severity:  None

User response:  None, warning message.

DRMV50-011W  DB dbname TS tsname DOES NOT
HAVE THE REQUIRED STATE.

Explanation:  Due to the state of the table space dbname.tsnme, the action asked for cannot be performed. See the DISPLAY messages issued with this one, or issue a -DISPLAY of this table space.

Severity:  None

User response:  None, warning message.

DRMV50-012W  DB dbname TS tsname WAITING
COMMIT POINT OF corrid

Explanation:  The table space dbname.tsnme is in TP use by corrid (see the description of the DB2 message DSNT396I).

Severity:  None

User response:  None, warning message.

DRMV50-013W  DB dbname TS tsname STATE
REQUIRES SPECIAL ACTION.

Explanation:  The state of the table space dbname.tsnme requests an intervention. See the DISPLAY messages issued with this one, or issue a -DISPLAY of this table space.

Severity:  None

User response:  None, warning message.

DRMV50-014E  DISPLAY UTILITY RESPONSE
RECEIVED NOT EXPECTED.

Explanation:  The DB2 command - DISPLAY UTILITY did not return the expected information.

Severity:  Abend 4001

User response:  Contact your IBM representative.

DRMV50-015E  ARCHIVE LOG RESPONSE
RECEIVED NOT EXPECTED.

Explanation:  The DB2 command 'ARCHIVE LOG' did not send back the expected information.

Severity:  Abend 4001

User response:  Contact your IBM representative.

DRMV50-016E  THE TABLESPACE PARTITIONS
TABLE DOES NOT MATCH THE
TABLESPACES TABLE.

Explanation:  An inconsistency has been detected between the DB2 DISPLAY command for the current table space and the list of the table space partitions that was made up previously.

Severity:  Abend 4001

User response:  Collect as much information as possible about the conflicting table space and the circumstances of the error, and contact your IBM representative.

DRMV50-017W  THE FOLLOWING TABLESPACES
HAVE RESTRICTED STATUS IN
DATABASE dbname :

Explanation:  This message was issued for information prior to messages issued by the DB2 DISPLAY command. According to the type of restriction, the function, and the specified parameters, this message may be issued as a result of a processing interruption.

Severity:  None

User response:  None, informative message.

DRMV50-096E  ddname ALLOCATION ERROR rc/rs

Explanation:  The dynamic allocation of the data set whose ddname is ddname has failed. rc is the return code and rs the reason code.

Severity:  Abend 4001

User response:  Examine the existence and the features of the data set whose ddname is ddname. Also, use the return code and the reason code in the message to find the cause of the error and correct it.

DRMV50-097E  INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation:  This message is issued after other messages describing the errors that were encountered.

Severity:  Abend 4001

User response:  Examine the previous messages and correct accordingly.
Messages DRMV51-nnnX

DRMV51-001E  VIC SEARCH ERROR
Explanation: An error has occurred during the search in the CS2RECON data set for VIC points responding to the criteria specified in the preceding message DRMV51-001I. Messages DRMV51-001I and DRMV51-001E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV51-001I  VICID vic-id TSLIM timestamp
Explanation: This message comes with message DRMV51-001E. It specifies the identifier vic-id and the timestamp timestamp of the current search: search for the first VIC point earlier than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.

DRMV51-002E  CATALOG TABLESPACE
DSNDB01.tname PARTICIPATED IN
VIC vic-id. TS=CATALOG MUST BE SPECIFIED.

Explanation: The special case of DB2 catalog recovery cannot be processed using the special value TS=VIC. DB2 catalog recovery must be required using the special value TS=CATALOG.

Severity: Abend 4001

User response: Correct the command.

DRMV51-010I  NO TS FOUND IN CS2RECON FOR
VIC ID = vic-id BEFORE TIMESTAMP
timestamp

Explanation: No VIC point with identifier vic-id specified with parameter ID=, and earlier than the timestamp specified with parameter TIMESTAMP=, has been found in CS2RECON.

Severity: Irrelevant

User response: Correct the command if an error follows.
Messages DRMV52-nnnX

DRMV52-001I  ALL PSBS ARE IN USE, WAIT FOR A FREE PSB...

Explanation: All the PSBs indicated for IMS processing are used. The function is waiting for an available PSB.

Severity: Abend 4001

User response: None, informational message.

DRMV52-002E  PSBNAME AND TRNNAME LISTS COUNT MISMATCH

Explanation: The number of transactions does not correspond to the number of PSBs.

Severity: Abend 4001

User response: Correct the PSB list and the transaction list (PSBNAME and TRNNAME parameters) in the DRMXIMSS member of the parmlib. They must have the same number of elements.

DRMV52-002I  DFSRRC00 ABEND code DETECTED FOR PSB psbname, TRN trnname AND IMSID imsid. PROCESSING CONTINUES...

Explanation: The task DFSRRC00 for the PSB psbname and the transaction trnname ended with an abend code code.

Severity: Abend 4001

User response: None, informational message.

DRMV52-003I  CONTROL REGION imsid NOT ACTIVE, PROCESSING CONTINUES...

Explanation: The IMS region imsid is not active. The process continues to wait for the start of this region.

Severity: Abend 4001

User response: None, informational message.

DRMV52-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMV55-nnnX

DRMV55-002E  RESLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the load module RESLIB, whose dsname is \textit{dsname}, has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set \textit{dsname}, and the name of the RESLIB indicated in the IMSIDS member of the parmlib.

DRMV55-003E  DFSRESLB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the load module library DFSRESLB, whose dsname is \textit{dsname}, has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set \textit{dsname}.

DRMV55-004E  LOADLIB dsname NOT ALLOCATED

Explanation: The dynamic allocation of the load module library LOADLIB, whose dsname is \textit{dsname}, has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the existence and the features of the data set \textit{dsname}.

DRMV55-005E  RESLIB AND USERLIB DD''S NOT CONCATENATED

Explanation: The concatenation of load module libraries RESLIB and USERLIB (LOADLIB) has failed. This message is followed by message DRMV55-096E specifying the error code.

Severity: Abend 4001

User response: Verify the features of the two libraries.

DRMV55-006E  INVALID IMS ENVIRONMENT DETECTED FOR THE CURRENT FUNCTION (PASSWORD PROBABLY RESTRICTED TO DB2).

Explanation: The IMS environment of Application Recovery Tool is not correctly initialized.

Severity: Abend 4001

User response: Verify that your installation has installed the correct environment. Otherwise, contact your IBM representative.

DRMV55-096E  ddname ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of the data set whose dsname is \textit{ddname} has failed. \textit{rc} is the return code and \textit{rs} the reason code.

Severity: Abend 4001

User response: Examine the existence and the features of the data set whose ddname is \textit{ddname}. If this is not sufficient, use the return code and the reason code in the message to find the cause of the error and correct it.
Messages DRMV56-nnnX

DRMV56-001E  DB=, OR TS=, PARAMETER (S) MISSING: NOTHING HAS BEEN SELECTED.

Explanation: One of the two parameters DB and TS, or another selection parameter like PSB=, PLAN=, PKLIST= if accepted, has to be entered in the command.

Severity:  Abend 4001
User response: Correct the command.

DRMV56-002E  TS=, PARAMETER MISSING: NOTHING HAS BEEN SELECTED.

Explanation: TS= parameter has to be entered in the command for DB2 functions.

Severity:  Abend 4001
User response: Correct the command.

DRMV56-003E  DB=, PARAMETER MISSING: NOTHING HAS BEEN SELECTED.

Explanation: An IMS function was invoked, but the DB parameter was not set. The function stops because the DB parameter is mandatory.

Severity:  Abend 4001
User response: Specify a value for the DB parameter.

DRMV56-004I  DB=, PARAMETER IGNORED. THE IMS COMPONENT OF THE FUNCTION IS NOT INSTALLED.

Explanation: DB= parameter does not have to be entered when the Application Recovery Tool installation allows only DB2 functions.

Severity:  Abend 4001
User response: None, informational message.

DRMV56-005I  TS=, PARAMETER IGNORED. THE DB2 COMPONENT OF THE FUNCTION IS NOT INSTALLED.

Explanation: TS= parameter does not have to be entered when the Application Recovery Tool installation allows only IMS functions.

Severity:  Abend 4001
User response: None, informational message.

DRMV56-006I  PLAN=, PARAMETER IGNORED. THE DB2 COMPONENT OF THE FUNCTION IS NOT INSTALLED.

Explanation: PLAN= parameter does not need to be entered when the Application Recovery Tool installation allows only IMS functions.

Severity:  Abend 4001
User response: None, informational message.

DRMV56-007I  PSB=, PARAMETER IGNORED. THE IMS COMPONENT OF THE FUNCTION IS NOT INSTALLED.

Explanation: PSB= parameter does not need to be entered when the Application Recovery Tool installation allows only DB2 functions.

Severity:  Abend 4001
User response: None, informational message.

DRMV56-008I  DBDSGRP=, PARAMETER IGNORED. THE IMS COMPONENT OF THE FUNCTION IS NOT INSTALLED.

Explanation: DBDSGRP= parameter does not need to be entered when the Application Recovery Tool installation allows only IMS functions.

Severity:  Abend 4001
User response: None, informational message.

DRMV56-009I  PKLIST=, PARAMETER IGNORED. THE IMS COMPONENT OF THE FUNCTION IS NOT INSTALLED.

Explanation: PKLIST= parameter does not need to be entered when the Application Recovery Tool installation allows only IMS functions.

Severity:  Abend 4001
User response: None, informational message.

DRMV56-010I  NO IMS SELECTION PARAMETER SHOULD BE ENTERED IF IMSID = NONE IS SPECIFIED

Explanation: The special value IMSID=NONE indicates that the IMS environment is not needed and must not be allocated; therefore, IMS selection parameters DB=, DBDSGRP=, PSB= are not accepted in the command.

Severity:  Abend 4001
User response: Correct the command, or correct the IMSID value in the PARM field of the EXEC card or in the Config menu.
DRMV56-012E  NO DB2 SELECTION PARAMETER SHOULD BE ENTERED IF DB2ID = NONE IS SPECIFIED

Explanation: The special value DB2ID=NONE indicates that the DB2 environment is not needed and must not be allocated; therefore DB2 selection parameters TS=, PLAN=, PKLIST= are not accepted in the command.

Severity: Abend 4001

User response: Correct the command, or correct the DB2ID value in the PARM field of the EXEC card or in the Config menu.

DRMV56-020I  DBDSGRP PARAMETER NOT ACCEPTED FOR IMS LEVEL 130, DBDSGRP WILL BE IGNORED.

Explanation: DBDS groups were not yet introduced in IMS version 1.3. Parameter DBDSGRP= is ignored in that case.

Severity: Abend 4001

User response: None, informational message.
Messages DRMV57-nnnX

DRMV57-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
### Messages DRMV58-nnnX

#### DRMV58-001E  ERROR CALLING DRMDBASE
RETURN CODE IS rc

**Explanation:**
A failure was encountered during the direct read of the DB2 directory done by the load module DRMDBASE. Access competition for VSAM clusters containing the SYSLGRNG (X) might be the reason for the failure.

**Severity:** Abend 4001

**User response:** Examine the SYSOUT error messages to know if and why access competition is the reason for the failure. Otherwise, contact your IBM representative.

#### DRMV58-001W  TUNNEL EFFECT DETECTED
FROM RBA startrba TO endrba FOR
DBNAME db TSNAME ts PART n

**Explanation:**
A recovery has been done for the specified table space. This recovery has been done after the requested recovery RBA; thus, leading to a tunnel effect for the interval between two specified RBAs. Thus, the modifications of this interval are invalidated.

**Severity:** None

**User response:** None, warning message.

#### DRMV58-002E  LOAD MODULE DRMDBASE NOT FOUND

**Explanation:**
A failure was encountered when starting the load module DRMDBASE using TSO because DRMDBASE was neither found in the LINKLIT nor in the STEPLIB.

**Severity:** Abend 4001

**User response:** Copy DRMDBASE into the LINKLIST library.

#### DRMV58-003E  FAILED CALL TO LOAD MODULE
DRMDBASE WITH SYSTEM ABEND CODE n

**Explanation:**
A failure occurred while processing the DRMDBASE load module. This load module performs direct access to the DB2 directory using the DRMRECOV function (FORCE=N).

**Severity:** Abend 4001

**User response:** Examine the system messages to determine the error. Otherwise, contact your IBM representative.

#### DRMV58-004E  FAILED CALL TO LOAD MODULE
DRMDBASE WITH USER ABEND CODE n

**Explanation:**
A failure occurred while processing the DRMDBASE load module. This load module performs direct access to the DB2 directory using the DRMRECOV function.

**Severity:** Abend 4001

**User response:** Contact your IBM representative.

#### DRMV58-097E  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:**
This message follows other messages describing the error.

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct accordingly.
Messages DRMV59-nnnX

**DRMV59-001E**  MISSING FILE filename

**Explanation:** The data set with ddname *filename* (generated by a Application Recovery Tool function) should be specified as a data set containing data inside the JCL.

**Severity:**  Abend 4001

**User response:** Check the customization of the JCL skeletons that were used. Otherwise, contact your IBM representative.

**DRMV59-003E**  FILE filename IS EMPTY

**Explanation:** The data set with ddname *filename* that was generated by a Application Recovery Tool function and specified within the JCL, is empty.

**Severity:**  Abend 4001

**User response:** Check the customization of the JCL skeletons that were used. Otherwise, contact your IBM representative.

**DRMV59-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message follows other messages describing the errors.

**Severity:**  Abend 4001

**User response:** Examine the previous messages and correct accordingly.
Messages DRMV60-nnnX

DRMV60-001E  VIC WRITE ERROR
Explanation: An error has occurred while writing to the CS2RECON data set the VIC point information specified in the preceding message DRMV60-001I. Messages DRMV60-001I and DRMV60-001E are preceded by DRMV65 error messages that specify the VSAM error found.
Severity: Abend 4001
User response: Examine the VSAM error codes, and perform the necessary corrections.

DRMV60-001I  DB dbname TS tsname RBA rba
TIME timestamp
Explanation: This message precedes another V60-message. It specifies the database dbname, the table space tsname, the RBA rba, and the timestamp timestamp of the VIC point that failed.
Severity: Abend 4001
User response: None, informational message.

DRMV60-002E  VIC SCAN BACKWARD ERROR
Explanation: An error has occurred while reading the CS2RECON data set as a part of the realization of the VIC point specified in the message DRMV60-001I. Messages DRMV60-001I and DRMV60-002E are preceded by DRMV65 error messages that specify the VSAM error found.
Severity: Abend 4001
User response: Examine the VSAM error codes, and perform the necessary corrections.

DRMV60-003E  VIC DELETE ERROR
Explanation: An error has occurred while deleting a record from the CS2RECON data set before the realization of the VIC point specified in the preceding message DRMV60-001I. Messages DRMV60-001I and DRMV60-003E are preceded by DRMV65 error messages that specify the VSAM error found.
Severity: Abend 4001
User response: Examine the VSAM error codes, and perform the necessary corrections.
Messages DRMV61-nnnX

DRMV61-001E  RESERVE ERROR ON CS2RECON DEVICE RC rc

Explanation: The request to take exclusive control of the CS2RECON data set has been denied with return code rc.

Severity: Abend 4001

User response: Verify the current allocations on the CS2RECON data set and the indicated return code. Then, perform the necessary corrections.

DRMV61-002E  DDNAME CS2RECON NOT FOUND

Explanation: The ddname CS2RECON is not allocated.

Severity: Abend 4001

User response: Verify the DRMXDB2S member of the parmlib.
**Messages DRMV62-nnnX**

**DRMV62-001E**  DEQ ERROR ON CS2RECON
DEVICE RC rc

**Explanation:** The request to release the exclusive control of the CS2RECON data set has been denied with return code rc.

**Severity:** Abend 4001

**User response:** Verify the current allocations on the CS2RECON data set and the indicated return code. Then, perform the necessary corrections.

**DRMV62-002E**  DDNAME CS2RECON NOT FOUND

**Explanation:** The ddname CS2RECON is not allocated.

**Severity:** Abend 4001

**User response:** Verify the DRMXDB2S member of the parmlib.
Explanation: An error has occurred during the search in the CS2RECON data set for VIC points responding to the criteria specified in the preceding message DRMV63-001I. Messages DRMV63-001I and DRMV63-001E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

Explanation: This message comes with message DRMV63-001E. It specifies the database dbname, the table space tsname and the timestamp timestamp of the current search: search for the first VIC point later than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.
Messages DRMV64-nnnX

DRMV64-001E  VIC SEARCH ERROR

Explanation: An error has occurred during the search in the CS2RECON data set for VIC points responding to the criteria specified in the preceding message DRMV64-001I. Messages DRMV64-001I and DRMV64-001E are preceded by DRMV65 error messages that specify the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, verify the consistency of search criteria, then perform the necessary corrections.

DRMV64-001I  DB dbname TS tsname TSLIM timestamp

Explanation: This message comes with message 001E. It specifies the database dbname, the table space tsname and the timestamp timestamp of the current search: search for the most recent VIC point earlier than the specified timestamp.

Severity: Abend 4001

User response: None, informational message.
### Messages DRMV65-nnnX

**DRMV65-001E**  CS2RECON OPEN FAILED  
**Explanation:** An error occurred when opening the CS2RECON data set whose dsname is indicated in the DRMXDB2S member of the parmlib.  
**Severity:** Abend 4001  
**User response:** Verify the status of the data set and the user authorizations on this data set. Then, perform the necessary corrections.

**DRMV65-002E**  CS2RECON CHANGE INVALIDATE THIS JOB RUN  
**Explanation:** Conflicting updates of the CS2RECON data set make the reading incoherent.  
**Severity:** Abend 4001  
**User response:** Verify the use of the CS2RECON data set.

**DRMV65-003E**  VSAM ERROR, RC=rc, SC=sc  
**Explanation:** The processing of the CS2RECON data set has stopped on a VSAM error for which the return code is rc and the status code sc.  
**Severity:** Abend 4001  
**User response:** Examine the VSAM error codes and perform the necessary corrections.

**DRMV65-006E**  ALLOCATION ERROR rc/rs FOR CS2RECON dsname SPECIFIED IN DRMXDB2S MEMBER OF PARMLIB  
**Explanation:** The dynamic allocation of the CS2RECON data set whose dsname is dsname has failed. rc is the return code and rs the reason code.  
**Severity:** Abend 4001  
**User response:** Verify the existence and the features of the data set whose dsname is dsname, or verify the value of CS2RECON in the DRMXDB2S member of the parmlib.

**DRMV65-007E**  UNPREDICTABLE EODAD REACHED  
**Explanation:** The processing of the CS2RECON data set has been interrupted by the unexpected end of the data set.  
**Severity:** Abend 4001  
**User response:** Verify the status of the data set.

**DRMV65-008E**  CS2RECON OPEN FAILED, 8/168, RETRY  
**Explanation:** A failure was encountered when opening the CS2RECON VSAM data set. a return code of 8 and a reason code of 168 are issued (see IBM DFSMS/MVS Macro Instructions for Data Sets). Application Recovery Tool will wait for 10 seconds and then will attempt again to open the data set. If there is no success opening the data set after 5 attempts, the function will abend.  
**Severity:** none  
**User response:** Check the use of the CS2RECON data set. Also, check the other Application Recovery Tool jobs or backups, such as DFDSS.
Messages DRMV66-nnnX

DRMV66-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.

Severity:  Abend 4001

User response:  Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.
Messages DRMV67-nnnX

DRMV67-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message is preceded by other messages describing the errors.

Severity:  Abend 4001

User response:  Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.
Messages DRMV68-nnnX

DRMV68-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by others messages describing the errors.

Severity:  Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMV69-nnnX

DRMV69-001I  PREPARING THE LOCK(S) NEEDED...

Explanation: This message announces that Application Recovery Tool is preparing a LOCK on selected table spaces.

Severity: Abend 4001

User response: None, informational message.

DRMV69-002I  LOCKING THE TABLESPACE(S)...

Explanation: This message announces that Application Recovery Tool is ready to issue a LOCK on selected table spaces.

Severity: Abend 4001

User response: None, informational message.

DRMV69-003I  UNLOCKING THE TABLESPACE(S)...

Explanation: This message announces that Application Recovery Tool is ready to release the LOCK on selected table spaces.

Severity: Abend 4001

User response: None, informational message.

DRMV69-004I  QUIESCE OF DSNDB06.SYSDBASE HAS FAILED - SWITCH TO ACCESS=SQL

Explanation: The QUIESCE of the table space DSNDB06.SYSDBASE has failed. Therefore, the read of the DB2 catalog will be done by standard SQL access.

Severity: Abend 4001

User response: None, informational message.

DRMV69-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.
Messages DRMV70-nnnX

DRMV70-001E  SCT02 IC DATASET NAME DOES NOT CONTAIN SCT02 INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980)). In this case, it does not contain the name of the table space 'SCT02'.

Severity: Abend 4001

User response: The image copies of the table spaces of the catalog must be made using the DRMFIC function (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMV70-002E  SCT02 IC DATASET NAME NOT ACCEPTED. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980)). In this case, its length is invalid.

Severity: Abend 4001

User response: The image copy of the table spaces of the catalog must be made using the DRMFIC function (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMV70-003E  SCT02 IC DATASET NAME DOES NOT CONTAIN DSNDB01. INTERNAL ERROR GENERATED

Explanation: The dsname of the image copy of the table space DSNDB01.SCT02 does not match the Application Recovery Tool nomenclature; (see "Nomenclature Convention" in the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980)). In this case, it does not contain the name of the database 'DSNDB01'.

Severity: Abend 4001

User response: The image copy of the table spaces of the catalog must be made using the DRMFIC function (TS=CATALOG parameter) to be recognized by Application Recovery Tool.

DRMV70-004E  RECOVER REJECTED, MATERIALIZATION OF PENDING DEFINITION CHANGE AT RBA X"rba", TS=tsname.dbname

Explanation: The requested RECOVER cannot not be performed because a utility was run after the recovery point in time while a structure change (implied by an ALTER statement) was pending.

Severity: Abend 4001

User response: No action is required.

DRMV70-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections. Or, verify the existence and the availability of the DRMXPROC load module.
Messages DRMV72-nnnX

DRMV72-002I  TRY TO CONTINUE WITHOUT CONTROL REGION imsid AT timestamp

Explanation: The IMS region imsid is not active at the timestamp timestamp indicated. The process continues waiting for the start of this IMS region.

Severity: Abend 4001
User response: None, informational message.

DRMV72-004E  DB dbname AREA areaname CAN'T BE STOPPED

Explanation: The area areaname of the database dbname could not be stopped. The message issued by IMS is preceding.

Severity: Abend 4001
User response: Study the preceding IMS message and perform the necessary corrections.

DRMV72-004I  TIMEOUT REACHED, STOP ABORTED.

Explanation: The maximum wait time for the stop of the processed DEDB database has been reached. This wait time depends on RETRY and WAIT parameters.

Severity: Abend 4001
User response: None, informational message.

DRMV72-005E  RESTART DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM. RESTART BYPASSED.

Explanation: The IMS command printed just above this message has failed, following a connection problem to IMS.

Severity: None
User response: Verify the status of the IMS system.

DRMV72-005W  RESTART DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM. RESTART BYPASSED.

Explanation: The IMS command -START AREA printed just above this message has failed, following a connection problem to IMS.

Severity: None
User response: None, warning message.

DRMV72-008E  DB dbname AREA areaname CAN'T BE STARTED

Explanation: The area areaname of the database dbname could not be started. The message issued by IMS is preceding.

Severity: Irrelevant
User response: Study the preceding IMS message, and perform the necessary corrections.

DRMV72-008I  TIMEOUT REACHED, START ABORTED.

Explanation: The maximum wait time for the start of the processed DEDB database has been reached. This wait time depends on RETRY and WAIT parameters.

Severity: Abend 4001
User response: None, informational message.

DRMV72-009W  STOP DB PROCESS INTERRUPTED BY AN IMS CONNECTION PROBLEM.

Explanation: The IMS command printed just above this message has failed, following a connection problem to IMS.

Severity: None
User response: None, warning message.

DRMV72-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001
User response: Examine the preceding messages, and perform the necessary corrections.
**Messages DRMV73-nnnX**

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**DRMV73-001E**  
**VOLUME volume CANNOT BE ALLOCATED**  

**Explanation:** The volume *volume* could not be allocated. This message is preceded by a more precise message.  

**Severity:** Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.  

**User response:** None

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**DRMV73-002E**  
**DATASET dsname DSCB OBTAIN ERROR rc FROM VOLUME volume**  

**Explanation:** The reading of the DSCB of the data set *dsname* on the volume whose label is *volume* has failed. The return code *rc* of OBTAIN is indicated.  

**Severity:** Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.  

**User response:** Verify the features of the data set *dsname*.

---

**DRMV73-005E**  
**DATASET dsname DSCB OBTAIN ERROR rc FROM VOLUME volume**  

**Explanation:** The reading of the DSCB of the component data of the examined VSAM cluster, *dsname*, on the volume whose label is *volume* has failed. The return code *rc* of OBTAIN is indicated.  

**Severity:** Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the catalog ICF.  

**User response:** Verify the features of the data set *dsname*.

---

**DRMV73-006E**  
**DATASET dsname IS NOT A VSAM DATASET**  

**Explanation:** The data set *dsname* is not recognized as a VSAM data set, although the VSAM cluster containing a DB2 table space was expected.  

**Severity:** Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.  

**User response:** Verify the features of the data set *dsname*.

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**DRMV73-097E**  
**interrupt by NON-RECOVERABLE ERROR**  

**Explanation:** This message is preceded by other messages that describe the errors.  

**Severity:** Abend 4001  

**User response:** Examine the preceding messages, and perform the necessary corrections.
Messages DRMV76-nnnX

DRMV76-001E  INFORMATION ON DATASET
dsname NOT AVAILABLE

Explanation: Information on the data set dsname could not be obtained, either because this data set is not cataloged, or for a reason indicated in a preceding message.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.

User response: Verify the features of the data set dsname.

DRMV76-007E  NO USABLE VCATNAME FOR
TABLESPACE tsname IN DATABASE
dbname

Explanation: The name of the VSAM catalog read in SYSIBM.SYSTABLEPART (VCATNAME column) or in the DRMXDB2S member of the parmlib (VSAMCAT parameter) is unsuitable for use as the first qualifier in the dsname of the data set containing the table space dbname.tsname.

Severity: Irrelevant. Processing proceeds and the default values found in the parmlib for the current function will be used in place of information not found in the ICF catalog.

User response: Verify the VSAMCAT variable in the DRMXDB2S member of the parmlib.
Messages DRMV78-nnnX

**DRMV78-001E**  TABLESPACE tsname IN DATABASE dbname HAS LESS THAN n DATASETS

**Explanation:** The DSSEL parameter of the command or the parmlib member indicating the default values for the requested function specifies a data set or partition number \( n \) higher than the number of data sets or partitions of the table space processed \( dbname.tsname \).

**Severity:** Abend 4001

**User response:** Modify selection parameters or DSSEL parameter in the command or the parmlib member indicating the default values for the requested function: the selection criteria (TS, DBSET, AUTHID) should result in a list of table spaces having at least \( n \) data sets or partitions if DSSEL=\( n \).

**DRMV78-002E**  DSSEL dssel IS NOT AN ADMISSIBLE VALUE

**Explanation:** The admissible values of the DSSEL parameter are ‘ALL’ (the default), or ‘DATASET’, or a number between 1 and 64.

**Severity:** Abend 4001

**User response:** Correct the DSSEL parameter in the command or parmlib member indicating the default values for the requested function.
Messages DRMV79-nnnX

DRMV79-002E  DSSEL xxx IS NOT AN ADMISSIBLE VALUE
Explanation:  The value entered for DSSEL=xxx is incorrect. See appropriate manuals for information about the authorized values for this parameter.
Severity:  Abend 4001
User response:  Correct the DSSEL parameter in SYSIN or in the parmlib member corresponding to the required function, then restart processing.

DRMV79-003E  SIZEPRCT.... IS NOT AN ADMISSIBLE VALUE
Explanation:  Syntax error
Severity:  Abend 4001
User response:  Correct accordingly.

DRMV79-004E  UPDPRCT xxx IS NOT AN ADMISSIBLE VALUE
Explanation:  The value entered for UPDPRCT=xxx is incorrect. See the appropriate manuals for information about the authorized values for this parameter.
Severity:  Abend 4001
User response:  Correct the UPDPRCT parameter in SYSIN or in the parmlib member corresponding to the required function; the restart processing.

DRMV79-005W  UNABLE TO GET INFORMATION ABOUT MODIFIED PAGES FOR TABLESPACE tname IN DATABASE dbname
Explanation:  A failure was encountered when reading the space map pages of the specified table space. The incremental image copy data set for this table space will be allocated by using the default values USP, PSP and SSP if this data set is on disk.
Severity:  None
User response:  Examine the output data set to find possible system messages that explain the error and check the status of the VSAM data sets that contain the specified table space.

DRMV79-006W  NO FULL IMAGE COPY FOUND FOR TABLESPACE tname DATABASE dbname
Explanation:  No notification of a full image copy was found in SYSIBM.SYSCOPY for the specified table space. Therefore, it is not possible to take an incremental image copy. According to the parameters that were specified for the DRMIIC function, Application Recovery Tool will decide to either take an FIC, or to ignore this table space, or to interrupt the processing issuing an error message/code.
Severity:  None
User response:  Check that the table space is taken into account for the image copy planning.

DRMV79-007W  LAST operation DISALLOWS INCREMENTAL IMAGE COPY ON TABLESPACE tname DATABASE dbname
Explanation:  One of the following actions has been done on the specified table space: LOAD LOG(YES), REORG LOG(YES) or RECOVER TOCOPY. But, no image copy has been subsequently taken on this table space. In this case, no incremental image copy can be taken, and Application Recovery Tool will decide to either take an FIC, to ignore this table space or to interrupt the processing on error, according to parameters specified for the DRMIIC function.
Severity:  None
User response:  Check that the table space is taken into account for the image copy planning.

DRMV79-008I  n% PAGES MODIFIED IN TABLESPACE tname DATABASE dbname
Explanation:  This message is issued if the updating threshold is reached or exceeds the limit specified within the UPDPRCT parameter. Thus, a full image copy will be taken of the table space.
Severity:  Abend 4001
User response:  None, informational message.

DRMV79-009I  n% PAGES MODIFIED IN TABLESPACE FILE dsname
Explanation:  This message is issued when the updating threshold specified within the UPDPRCT parameter is reached or exceeded. Thus, a full image copy is taken of the table space.
Severity:  Abend 4001
User response:  None, informational message.

DRMV79-010E  LAST IIC FOR TABLESPACE tname IN DATABASE dbname IS FOR LOCAL SITE ONLY - CONFLICT WITH RCPRIM VALUE
Explanation:  The utility is unable to take a local and a recovery incremental image copy if only a local incremental image copy was taken previously. The
parameters of the DRMIIC function will determine if
this situation must be considered as being an error or
not.

Severity: None
User response: Check that the table space is taken into
account for the image copy planning for the recovery
site.

DRMV79-011E LAST FIC FOR TABLESPACE tsname
IN DATABASE dbname DSNUM n IS
FOR ONE SITE ONLY - CONFLICT
WITH RCPRIM VALUE

Explanation: The utility is unable to take a local and a
recovery incremental image copy if only a local
incremental copy was taken previously. The parameters
of the DRMIIC function will determine if this situation
must be considered as being an error or not.

Severity: None
User response: Check that the table space is taken into
account for the image copy planning for the recovery
site.

DRMV79-012I NO PAGES MODIFIED IN
TABLESPACE tsname DATABASE
dname

Explanation: None of the pages of the specified table
space has been modified since its last image copy.
Therefore, it is not necessary to take an incremental
image copy for this table space.

Severity: None
User response: Check the incremental image copy rate
for this table space.

DRMV79-013I NO PAGES MODIFIED IN
TABLESPACE FILE dsname

Explanation: None of the pages of the specified table
space data set has been modified since its last image
copy. Therefore, it is not necessary to take an
incremental image copy for this table space data set.

Severity: None
User response: Check the incremental image copy rate
for this table space data set.

DRMV79-014E NO PAGES MODIFIED IN
TABLESPACE SCT02 DATABASE
DSNDB01 - NO IIC TAKEN

Explanation: None of the pages of the
DSNDB01.SCT02 catalog table space has been modified
since its last image copy. Therefore, it is not necessary
to take an incremental image copy for this catalog table
space. As the catalog is handled as a whole by
Application Recovery Tool, no copy is taken if this
situation occurs.

Severity: Abend 4001
User response: Check the incremental image copy rate
for the catalog table spaces.

DRMV79-015E LAST FIC FOR TABLESPACE
tsname IN DATABASE dbname
DSNUM n IS CONCURRENT, IIC WILL
BE CHANGED IN FIC

Explanation: An IIC cannot be taken if the last FIC is
CONCURRENT; the function automatically modifies
the request in order to take a full image copy.

Severity: None
User response: None, warning message.

DRMV79-017E INTERRUPT BY NON-
RECOVERABLE ERROR

Explanation: This message follows other messages
that describe the error encountered.

Severity: Abend 4001
User response: Check the previous messages and
correct accordingly.
Messages DRMV80-nnnX

DRMV80-001E  VSAM ERROR RC = rc REASON = rs FUNCTION = function

Explanation: An error was encountered when trying to directly access the DB2 table spaces (VSAM data sets)

Severity: Abend 4001

User response: Check the VSAM error codes and correct accordingly.

DRMV80-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is issued after other messages that describe the error.

Severity: Abend 4001

User response: Check the previous messages and correct accordingly.
Messages DRMV81-nnnX

DRMV81-001E  DSSEL xxx IS NOT AN ADMISSIBLE VALUE

Explanation:  The value that was specified for the DSSEL parameter is incorrect. See the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980) for additional information about the correct syntax of the required function.

Severity:  Abend 4001

User response:  Correct the DSSEL parameter in the SYSIN or inside the parmlib member corresponding to the required function, and restart the process.
## Messages DRMV82-nnnX

<table>
<thead>
<tr>
<th>Message</th>
<th>Explanation</th>
<th>Severity</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMV82-002I ARCHIVE dsname WITH RANGE lowrba - highrba HAS BEEN SKIPPED</td>
<td>The specified log archive data set does not fit into the RBA interval being used and is, therefore, skipped.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV82-003I ARCHIVE dsname WITH RANGE lowrba - highrba HAS BEEN SELECTED</td>
<td>The specified log archive data set fits into the RBA interval being used and is, therefore, selected.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMV82-004I BSDS ARCHIVE dsname HAS BEEN FOUND AND SELECTED</td>
<td>The specified dual log data set has been selected.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
</tbody>
</table>
Messages DRMV83-nnnX

DRMV83-001E  DSSEL xxx IS NOT AN ADMISSIBLE VALUE

Explanation:  The value that was specified for the DSSEL parameter is incorrect. See the Application Recovery Tool for IMS and DB2 Databases User’s Guide (SC27-0980) for additional information about the correct syntax of the required function.

Severity:  Abend 4001

User response:  Correct the DSSEL parameter in the SYSIN or inside the corresponding parmlib member.
Messages DRMV84-nnnX

DRMV84-001I  THE TABLESPACE tablespace HAS NO TABLES

Explanation:  The specified table space does not yet contain tables.

Severity:  Abend 4001

User response:  None, informational message.

DRMV84-002I  THE FOLLOWING TABLESPACE(S) HAVE BEEN SELECTED FOR ALL TSSET : DATABASE dbname ts-name-1 ts-name-2 ts-name-3...

Explanation:  This message displays the list of the selected objects that satisfy the selection criteria given by the TS, EXTS, DBSET, TSSET parameters. The names of the table spaces are displayed after the name of the database to which they belong.

Severity:  None.

User response:  No action is required.

DRMV84-003I  QUIESCE OF DSNDB06.SYSDBASE HAS FAILED - SWITCH TO ACCESS=SQL

Explanation:  The QUIESCE on the DSNDB06.SYSDBASE table space has failed. Therefore, the DB2 catalog will be read by using standard SQL access.

Severity:  Abend 4001

User response:  None, informational message.

DRMV84-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message follows other messages that describe the error.

Severity:  Abend 4001

User response:  Examine the previous messages and correct accordingly.
Messages DRMV85-nnnX

DRMV85-002E  ERROR CALLING DRMRDTS
RETURN CODE IS rc

Explanation: A failure was encountered during the direct read of the DB2 table space data sets done by the load module DRMRDTS. Either one or both problems was encountered: incoherence of the data that was read (to be solved by making a QUIESCE of the implied table spaces) or access competition when accessing the VSAM clusters.

Severity:  None

User response: Examine the SYSOUT error messages to know if and why access completion is the reason for the failure. Otherwise, QUIESCE the implied table spaces.

DRMV85-003E  LOAD MODULE DRMRDTS NOT FOUND

Explanation: Starting the load module DRMDBASE using TSO has failed as DRMRDTS cannot be found in LINKLIST or STEPLIB. This is probably an installation problem that occurs only when processing the DRMCIIC function for the first time.

Severity:  Abend 4001

User response: Recopy DRMRDTS into the LINKLIST.

DRMV85-004E  FAILED CALL TO LOAD MODULE DRMRDTS WITH SYSTEM ABEND CODE n

Explanation: Processing of the DRMRDTS load module failed.

Severity:  Abend 4001

User response: Examine the system messages that were issued to analyze the error and restart. Otherwise, contact your IBM representative.

DRMV85-005E  FAILED CALL TO LOAD MODULE DRMRDTS WITH USER ABEND CODE n

Explanation: Processing of the DRMDRTS load module failed.

Severity:  Abend 4001

User response: Contact your IBM representative.

DRMV85-010W  CHECKING MODIFIED PAGES HAS FAILED FOR DSNAME dsname

Explanation: A failure was encountered when reading the space map page of the specified table space data set. Thus, the incremental image copy data set will be allocated according to the default parameters: USP, PSP and TSP if the data set is on disk.

Severity:  None

User response: Examine the system messages from the output report to determine the error.

DRMV85-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message follows others that describe the error.

Severity:  Abend 4001

User response: Examine the previous messages and correct accordingly.
Messages DRMV86-nnnX

DRMV86-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation:  This message follows others that describe the error.

Severity:  Abend 4001

User response:  Examine the previous messages and correct accordingly.
**Messages DRMV87-nnnX**

**DRMV87-001I** NO TS FOUND IN DB2 FOR THE PLAN plan

**Explanation:** This message is issued to explain that no relation was found between the specified plan name(s) and a table space (an SQL statement resulting from the DRMQPLLP skeleton was submitted to check the DB2 catalog.)

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMV87-003I** QUIESCE OF DSNDB06.SYSPLAN/SYSPKAGE HAS FAILED - SWITCH TO ACCESS=SQL

**Explanation:** A failure was encountered when making a QUIESCE on the DSNDB06.SYSDBASE table space. Therefore, the read of the DB2 catalog will be performed by means of standard SQL access.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMV87-005I** CATALOG TABLESPACE tsname, ACCESSED BY PLAN plan-name, IS NOT PROCESSED

**Explanation:** The specified plan accesses a catalog table space. Because the function in progress does not support processing the catalog table spaces, the specified table space is skipped.

**Severity:** None.

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

**DRMV87-097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is issued following other messages that describe the errors that were encountered.

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct accordingly.
**Messages DRMV88-nnnX**

**DRMV88-001W** NO IMAGE COPIES FOUND TO MERGE FOR DB dbname TS tsname DSNUM n

*Explanation:* The table space *dbname.tsname* (or its *n*-th partition) does not have enough image copy to have a MERGECOPY performed with the NEWCOPY option mentioned. One of the three messages listed below follows, and describes the exact constraint found.

*Severity:* None

*User response:* None, warning message.

**DRMV88-002I** NO IIC FOUND

*Explanation:* The table space specified in the previous message (DRMV88-001W) has no incremental image copy. A MERGECOPY, in this case, has no purpose.

*Severity:* Abend 4001

*User response:* None, informational message.

**DRMV88-003I** ONLY ONE IIC FOUND

*Explanation:* The table space specified in the previous message (DRMV88-001W) has only one incremental image copy. A MERGECOPY with option NEWCOPY NO, in this case, has no purpose.

*Severity:* Abend 4001

*User response:* None, informational message.

**DRMV88-004E** DSSEL dssel IS NOT AN ADMISSIBLE VALUE

*Explanation:* The admissible values of the DSSEL parameter are ‘ALL’ (the default), or ‘DATASET’, or a number between 1 and 64.

*Severity:* Abend 4001

*User response:* Correct the DSSEL parameter in the command or parmlib member indicating the default values for the requested function.

**DRMV88-004I** LAST IIC/FIC WAS NOT FOR THE ENTIRE TABLESPACE

*Explanation:* A MERGECOPY cannot be performed at the table space level when the last copy was made at the data set level.

*Severity:* Abend 4001

*User response:* None, informational message.

**DRMV88-097E** INTERRUPT BY NON-RECOVERABLE ERROR

*Explanation:* This message is preceded by other messages describing the errors.

*Severity:* Abend 4001

*User response:* Examine the preceding messages, and perform the necessary corrections.
Messages DRMV89-nnnX

**DRMV89-001I** ONLY x IIC FOUND TO MERGE FOR DB dbname TS tsname DSNUM n

**Explanation:** For the number Informative; indicates the number $x$ of incremental image copies to be merged for the specified table space `dbname.tsname` and data set number $n$.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMV89-004E** DSSEL dssel IS NOT AN ADMISSIBLE VALUE

**Explanation:** The admissible values of the DSSEL parameter are 'ALL' (the default), or 'DATA SET', or a number between 1 and 64.

**Severity:** Abend 4001

**User response:** Correct the DSSEL parameter in the command or parmlib member indicating the default values for the requested function.

**DRMV89-097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is preceded by other messages describing the errors.

**Severity:** Abend 4001

**User response:** Examine the preceding messages, and perform the necessary corrections.
Messages DRMV90-nnnX

**DRMV90-001I**  NO TS FOUND IN DB2 FOR THE PACKAGE packname IN COLLECTION collid

Explanation: Processing of SQL statement DRMQPDKP in order to find all table spaces on which rely packages packname in collection collid (with generic or specific names) found no table space at all.

Severity: Abend 4001

User response: None, informational message.

**DRMV90-003E**  SYNTAX ERROR, INVALID VALUE FOR KEYWORD PKLIST - LIST OF COLLID.PACKNAME EXPECTED

Explanation: The value of list parameter PKLIST= is unacceptable; each item in the list must be a qualified package name in the form collid.packname (specific or generic).

Severity: Abend 4001

User response: Correct parameter PKLIST= in the command.

**DRMV90-004I**  PACKAGES DO NOT EXIST IN CURRENT DB2 RELEASE

Explanation: Parameter PKLIST= was mentioned in the command but in current DB2 version (anterior to 230) packages do not exist: the command is found inconsistent with the DB2 subsystem.

Severity: Abend 4001

User response: Suppress parameter PKLIST= in the command, or correct the name of the DB2 subsystem, or check that load module DSNHDECP in the DR2EXIT library (specified in parmlib member DRMXDB2S) is up-to-date.

**DRMV90-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message is preceded by other messages describing the errors.

Severity: Abend 4001

User response: Examine the preceding messages, and perform the necessary corrections.
Messages DRMV91-nnnX

DRMV91-001E  SSID SEARCH ERROR

Explanation: An error has occurred during the search in the RECON data set of SSID records. This message is preceded by message DRMU20-003E that specifies the VSAM error found.

Severity: Abend 4001

User response: Examine the VSAM error codes, then perform the necessary corrections.

DRMV91-001I  THE ABENDED BATCH ssidname IS FOUND WITH n AUTHORIZED DB.
THE LOG TIMESTAMP IS xxxxxxxxxxxx

Explanation: The current search in RECON has found the abended batch ssidname SSID record; this record mentions the number n of authorized databases. The corresponding log timestamp is given in the message.

Severity: Abend 4001

User response: None, informational message.
**Messages DRMV92-nnnX**

**DRMV92-001I**  NO TUNNELS HAVE BEEN DETECTED.

**Explanation:**  No recovery has been done after the VIC point for the selected table spaces. No tunnel is possible.

**Severity:**  Abend 4001

**User response:**  None, informational message.

**DRMV92-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:**  This message is issued following other messages that describe the errors.

**Severity:**  Abend 4001

**User response:**  Examine the previous messages and correct accordingly.
Messages DRMV93-nnnX

DRMV93-001E  INFDB2CB FAILED RC rc
Explanation:  No information about DB2 data sharing was found.
Severity:    Abend 4001
User response: Contact your IBM representative.

DRMV93-002E  LOAD MODULE DRMCB WITH INFDB2CB NOT FOUND
Explanation: Starting the load module DRMCB using TSO has failed as DRMCB cannot be found in LINKLIST or STEPLIB. This is probably an installation problem that occurs only when processing DB2 functions for the first time.
Severity:    None
User response: Copy the DRMCB load module into the LINKLIST.

DRMV93-003E  FAILED CALL TO INFDB2CB WITH SYSTEM ABEND CODE n
Explanation: A failure occurred when processing the DRMCB module.
Severity:    None
User response: Contact your IBM representative.

DRMV93-004E  FAILED CALL TO INFDB2CB WITH USER ABEND CODE n
Explanation: A failure occurred when processing the DRMCB module.
Severity:    None
User response: Contact your IBM representative.

DRMV93-097E  INTERRUPT BY NON-RECOVERABLE ERROR
Explanation: This message follows other messages that describe the error.
Severity:    Abend 4001
User response: Examine the previous messages and correct accordingly.
### Messages DRMV94-nnnX

<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
<th>Explanation</th>
<th>Severity</th>
<th>User response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMV94-001E</td>
<td>NOTHING TO DO. NO IMAGE COPIES TO KEEP</td>
<td>The table spaces that were selected for the processing have no image copies.</td>
<td>Abend 4001</td>
<td>Check the previous messages, especially the processing of SQL queries. If no error is detected, take image copies of all table spaces that are involved in the processing.</td>
</tr>
<tr>
<td>DRMV94-097E</td>
<td>INTERRUPT BY NON-RECOVERABLE ERROR</td>
<td>This message follows other messages that describe the errors.</td>
<td>Abend 4001</td>
<td>Check the previous messages, especially the processing of SQL queries. If no error is detected, take image copies of all table spaces that are involved in the processing.</td>
</tr>
</tbody>
</table>
Messages DRMV95-nnnX

**Explanation:** An error was encountered while performing a VSAM access to the DB2 catalog.

**Severity:** Abend 4001

**User response:** Check the status of the DB2 catalog, otherwise contact your IBM representative.

---

**Explanation:** This message follows other messages that describe the error.

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct accordingly.
**Messages DRMV96-nnnX**

**DRMV96-001I**  NO CHANGE HAS OCCURRED FOR dbname.tsname RECOVERY IGNORED FOR THIS TS (PARAMETER FORCE=N/DLI)

**Explanation:** No modification for the specified table space was done since a recovery was requested. Use values N or DLI of the FORCE parameter to avoid recovery processing.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMV96-003I**  QUIESCE OF DSNDB01.SYSLGRNG HAS FAILED - SWITCH TO FORCE=Y/DB2

**Explanation:** A failure was encountered when making a QUIESCE of the STSLGRNG(SYSLGRNX) table space. Since it is not possible to know if the data was modified, the function forces a recovery of all table spaces involved in the processing.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMV96-097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message follows others that describe the error.

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct accordingly.
Messages DRMV97-nnnX

DRMV97-001E  ERROR RETURN INFDB2X2. DDN = ddname, REASON rc

Explanation: An error was encountered while performing a VSAM access to the DB2 catalog.

Severity: Abend 4001

User response: Check the status of the DB2 catalog. Otherwise, contact your IBM representative.

DRMV97-097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: This message follows others that describe the error.

Severity: Abend 4001

User response: Examine the previous messages and correct accordingly.
**Messages DRMV98-nnnX**

**DRMV98-002E**  SYNTAX ERROR - VARIABLE xxxx... IS TOO LONG

Explanation: The current value in list parameter processed is unacceptable: its constituent beginning with xxxx is too long.

Severity: Abend 4001

User response: Correct the parameter in the command.

**DRMV98-003E**  SYNTAX ERROR - UNEXPECTED CONTINUATION xxxxxxx... IN PARAMETER

Explanation: The current value in list parameter processed is unacceptable: it has an unexpected constituent beginning with xxxxxxx.

Severity: Abend 4001

User response: Correct the parameter in the command.

**DRMV98-004E**  SYNTAX ERROR - QUALIFIERS MISSING IN PARAMETER VALUE xxxxxxx...

Explanation: The current value xxxxxxx in list parameter processed does not have the minimum number of constituents required.

Severity: Abend 4001

User response: Correct the parameter in the command.
Messages DRMX01-nnnX

- DRMX01–001I THE FOLLOWING USER INDEXES OF CATALOG HAVE BEEN SELECTED
  
  **Explanation:** This message displays the list of user indexes that have been created on the DB2 catalog tables.

  **Severity:**

  **User response:**

- DRMX01–002I NO USER INDEXES OF CATALOG FOUND
  
  **Explanation:** This message informs the user that no user index has been created on the catalog tables.

- DRMX01–097E INTERRUPT BY NON-RECOVERABLE ERROR
  
  **Explanation:** The call to the procedure for consulting the DB2 catalog has failed

  **Severity:** Abend 4001

  **User response:** Examine the previous messages and correct any errors. Ensure that the DRMXPROC load module is available.
**Messages DRMX08-nnnX**

<table>
<thead>
<tr>
<th>DRMX08-001I</th>
<th>THE FOLLOWING TABLE SPACE(S) HAVE BEEN EXCLUDED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>This message is followed by a list of all table spaces that were excluded because they were specified by the EXTS parameter. This list can be empty.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>None.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DRMX08-002I</th>
<th>NO TS FOUND IN DB2 FOR SEARCH ARGUMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>The EXTS parameter has been specified, but no table space matches the generic name.</td>
</tr>
<tr>
<td><strong>Severity:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>User response:</strong></td>
<td>None.</td>
</tr>
</tbody>
</table>
**Messages DRMX69-nnnX**

**DRMX69-001I**  dbname.indexspace HAS NO LDS FILE

**Explanation:** This message contains the name of the index that has been created using option DEFINE NO and for which a data set does not yet exist. This situation is identified for the processing that follows.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMX69-097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** The call to the procedure for consulting the DB2 catalog has failed

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct any errors. Ensure that the DRMXPROC load module is available.
Messages DRMX83-nnnX

DRMX83–001E  DB2DSGS MEMBER OF PARMLIB
ALLOCATION ERROR rc/rs

Explanation: The dynamic allocation of member DB2DSGS of the parmlib has failed. rc specifies the return code; rs specifies the reason code.

Severity: Abend 4001

User response: Ensure that member DB2DSGS exists in the parmlib that is being used and that the correct characteristics have been specified.

DRMX83–001I  DB2DSGS group ENTRY NOT FOUND IN PARMLIB MEMBER DB2DSGS

Explanation: The value of the DB2ID parameter does not correspond to a name of the DB2DSG group. This value has not been found in the DB2DSGS member that describes the DB2 data sharing groups. The value of the DB2ID is the name of the DB2 system (described in DB2IDS).

This message is followed by the list of work databases that are defined in the DB2 catalog. If no data sharing is used, only the database name, DSNDB07, is specified.

Severity: Abend 4001

User response: None, informational message.

DRMX83–007E  DB2DSGS MEMBER OF PARMLIB NOT FOUND

Explanation: Member DB2DSGS does not exist in the parmlib that is used.

Severity: Abend 4001

User response: Check the name of the corresponding parmlib.

DRMX83–008E  DB2DSGS group ENTRY IN ERROR IN PARMLIB MEMBER DB2DSGS

Explanation: A syntax error has been detected in the description of the DB2 data sharing group defined in member DB2DSGS of the corresponding parmlib.

Severity: Abend 4001

User response: Correct the syntax of member DB2DSGS of the corresponding parmlib, and retry.

Messages DRMX84-nnnX

DRMX84–097E  INTERRUPT BY NON-RECOVERABLE ERROR

Explanation: The utility encountered an error while retrieving information from the DB2 catalog.

Severity: Abend 4001

User response: Check preceding messages for additional information about the reason for the error. Ensure that the DRMXPROC module can be accessed by the utility.
Messages DRMX88-nnnX

**DRMX88–001I** NO IX FOUND IN DB2 FOR ix SEARCH ARGUMENT

**Explanation:** None of the index spaces simultaneously corresponds to the specified criterion such as names of index space, database and creator that were specified in the IX list and the DBSET and AUTHID parameters.

This message is followed by the list of work databases that are defined in the DB2 catalog. If no data sharing is used, only the database name, DSNDB07, is specified.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMX88–002I** THE FOLLOWING INDEX SPACE(S) HAVE BEEN SELECTED:

**Explanation:** This message is followed by a list of index spaces that are selected for processing.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMX88–097E** INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** The call to the procedure for consulting the DB2 catalog has failed.

**Severity:** Abend 4001

**User response:** Examine the previous messages and correct any errors. Ensure that the DRMXPROC load module is available.
<table>
<thead>
<tr>
<th>Messages DRMX91-nnnX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DRMX91-001I</strong> NO IX FOUND IN DB2 FOR ix SEARCH ARGUMENT</td>
</tr>
<tr>
<td><strong>Explanation:</strong> None of the index spaces simultaneously corresponds to the specified criterion such as names of index space, database and creator that were specified in the IX list and the DBSET and AUTHID parameters.</td>
</tr>
<tr>
<td>This message is followed by the list of work databases that are defined in the DB2 catalog. If no data sharing is used, only the database name, DSND807, is specified.</td>
</tr>
<tr>
<td><strong>Severity:</strong> Abend 4001</td>
</tr>
</tbody>
</table>

| User response: None, informational message. |

| **DRMX971-097E** INTERRUPT BY NON-RECOVERABLE ERROR |
| **Explanation:** The call to the procedure for consulting the DB2 catalog has failed. |
| **Severity:** Abend 4001 |
| **User response:** Examine the previous messages and correct any errors. Ensure that the DRMXPROC load module is available. |
**DRMY01–001E**  ERROR CALLING DRMIMSRO, RETURN CODE IS n

**Explanation:** The call to the DRMIMSRO load module that processes IMS commands using the TSO ROUTE command has failed.

**Severity:** Abend 4001

**User response:** Examine the other messages in the SYSOUT data set, and contact your IBM representative.

**DRMY01–001I**  ACTIVATING AN EXTENDED MCS CONSOLE

**Explanation:** This message provides information about the processing of IMS commands on IMS data sharing groups.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMY01–002E**  LOAD MODULE DRMIMSRO NOT FOUND

**Explanation:** A failure was encountered when starting the DRMIMSRO load module through TSO. The DRMIMSRO load module cannot be found in LINKLIST or in STEPLIB. This situation is caused by an installation problem that happens only when first attempting AOP on an IMS data sharing group.

**Severity:** Abend 4001

**User response:** Copy the DRMIMSRO load module into the LINKLIST library. Also, see the Application Recovery Tool for IMS and DB2 Databases User’s Guide, SC27-0980.

**DRMY01–002I**  ROUTING COMMANDS FROM AN EXTENDED MCS CONSOLE

**Explanation:** This message provides information about the processing of IMS commands on IMS data sharing groups.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMY01–003E**  FAILED CALL TO LOAD MODULE DRMIMSRO WITH SYSTEM ABEND CODE n

**Explanation:** The processing of the DRMIMSRO load module has failed (see the specified system abend code). This module processes IMS commands on IMS data sharing groups specified by the IMSID parameter and described in member DRMXISGS in the parmlib.

**Severity:** Abend 4001

**User response:** Examine the system messages that are issued with this message and the specified abend code to correct the reason for the error; then, resubmit the job. Otherwise, contact your IBM representative.

**DRMY01–003I**  DEACTIVATING AN EXTENDED MCS CONSOLE

**Explanation:** This message provides information about the processing of IMS commands on IMS data sharing groups.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMY01–004E**  FAILED CALL TO LOAD MODULE DRMIMSRO WITH USER ABEND CODE n

**Explanation:** The processing of the DRMIMSRO load module has failed (see the specified system abend code). This module processes IMS commands on IMS data sharing groups specified by the IMSID parameter and described in member DRMXISGS in the parmlib.

**Severity:** Abend 4001

**User response:** Examine the system messages that are issued with this message and the specified abend code to correct the reason for the error; then, resubmit the job. Otherwise, contact your IBM representative.

**DRMY01–011I**  COMMAND WITH RESPONSE command-ims

**Explanation:** This message indicates that the command specified above remains without any response.

**Severity:** Abend 4001

**User response:** None, informational message.

**DRMY01–012E**  SYSGRP PARAMETER IS EMPTY

**Explanation:** The value of the SYSGRP parameter of the IMSDSG data sharing group described in member DRMXISGS of the parmlib is blank.

**Severity:** Abend 4001

**User response:** Correct the value of the SYSGRP parameter, then resubmit your job.

**DRMY01–097E**  INTERRUPT BY NON-RECOVERABLE ERROR

**Explanation:** This message is issued with other messages that describe the error or errors.

**Severity:** Abend 4001
Chapter 3. Error messages

User response: Examine the messages that are issued prior to this message, and correct any errors.
Messages DRMY27-nnnX

DRMY27–001E  PART SEARCH ERROR

Explanation: An error was encountered when searching the RECON data set for records that are related to the partitions of the database mentioned in the previous message. Message DRMU20-003 is issued prior to messages DRMY27-001I and DRMY27-001E and contains the VSAM error codes.

Severity: Abend 4001

User response: Examine the VSAM error codes that are specified in message DRMU20-003E, and correct any errors.

DRMY27–001I  DBD dbmaster PART partition

Explanation: Specifies the dbname of a HALDB master base and the name of the last partition that was found. The partition that follows encountered a problem accessing the RECON data set that is described in message DRMU20-003E.

Severity: Abend 4001

User response: None, informational message.
Messages DRMY69-nnnX

<table>
<thead>
<tr>
<th>Message Code</th>
<th>Description</th>
<th>Explanation</th>
<th>Severity</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMY69–001E</td>
<td>DRMXISGS MEMBER PARMLIB ALLOCATION ERROR rc/rs</td>
<td>The dynamic allocation of member DRMXISGS of the parmlib has failed; rc is the return code, and rs is the reason code.</td>
<td>Abend 4001</td>
<td>Verify the existence and the features of the DRMXISGS member of the parmlib that is being used.</td>
</tr>
<tr>
<td>DRMY69–001I</td>
<td>IMSDSG imsdsg ENTRY NOT FOUND IN PARMLIB MEMBER DRMXIDSG</td>
<td>The value imsdsg of the IMSID parameter does not correspond to a name of an IMS data sharing group. Therefore, this value is considered as the name of the IMS subsystem, and is described in the DRMXIMSS member of the PARMLIB.</td>
<td>Abend 4001</td>
<td>None, informational message.</td>
</tr>
<tr>
<td>DRMY69–002E</td>
<td>DRMXISGS drmxisid ENTRY NOT FOUND IN PARMLIB MEMBER DRMXISGS</td>
<td>The IMS drmxisid data sharing group is not described in member DRMXISGS of the parmlib that is currently in use.</td>
<td>Abend 4001</td>
<td>If you are working in TP, check the name of the IMS data sharing group on the panel &quot;user profile configuration&quot; on the DRM main menu. If necessary, correct this name, or add the name to member DRMXISGS of the parmlib that is currently in use.</td>
</tr>
<tr>
<td>DRMY69–007E</td>
<td>DRMXISGS MEMBER OF PARMLIB NOT FOUND</td>
<td>Member DRMXISGS does not exist in the parmlib that is currently in use.</td>
<td>Abend 4001</td>
<td>Check the name of the parmlib currently in use, or restore the member DRMXISGS according to the documentation or original installation.</td>
</tr>
<tr>
<td>DRMY69–008E</td>
<td>DRMXISGS drmxisid ENTRY IN ERROR IN PARMLIB MEMBER DRMXISGS</td>
<td>The description of the DRMXISGS data sharing group named drmxisid in member DRMXISGS of the parmlib currently in use contains a syntax error.</td>
<td>Abend 4001</td>
<td>Correct the syntax of member DRMXISGS of the parmlib currently in use.</td>
</tr>
</tbody>
</table>

Messages DRMY31-nnnX

<table>
<thead>
<tr>
<th>Message Code</th>
<th>Description</th>
<th>Explanation</th>
<th>Severity</th>
<th>User Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRMY31–001I</td>
<td>DBD xxxxxxxx DDN yyyyyyyy</td>
<td>An error has occurred during the search in the RECON data set of records related to the QUIESCE DB, according to the criteria specified in the preceding message DRMY31-001I. Messages DRMY31-001I and DRMY31-001E are preceded by message DRMU20-003E that specifies the VSAM error found.</td>
<td>Abend 4001</td>
<td>Examine the VSAM error codes and verify the consistency of search criteria, and then make the necessary corrections.</td>
</tr>
<tr>
<td>DRMY31–001E</td>
<td>RECON SEARCH ERROR</td>
<td>An error has occurred during the search in the RECON data set of records related to the QUIESCE DB, according to the criteria specified in the preceding message DRMY31-001I. Messages DRMY31-001I and DRMY31-001E are preceded by message DRMU20-003E that specifies the VSAM error found.</td>
<td>Abend 4001</td>
<td>Examine the VSAM error codes and verify the consistency of search criteria, and then do the necessary corrections.</td>
</tr>
<tr>
<td>DRMY31–097E</td>
<td>RECON SEARCH ERROR</td>
<td>Previous messages describe the error.</td>
<td>Abend 4001</td>
<td>See the previous messages and make necessary corrections.</td>
</tr>
</tbody>
</table>
the necessary changes that will fix the problem.
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Bibliography

This list includes all publications referenced in this book.

- OS/390® MVS™ JCL Reference, GC28-1517
- OS/390 MVS JCL User’s Guide, GC28-1758
- Application Recovery Tool for IMS and DB2 Databases User’s Guide, SC27-0980
- DB2® Administration Guide, SC26-9931
- DB2 Universal Database™ for OS/390 and z/OS® V7 Command Reference, SC26-9934
- DB2 Universal Database for OS/390 and z/OS V7 Utility Guide and Reference, SC26-9945
- RACF® Security Administrator’s Guide, SC28-1340