



THE ENTERPRISE MIDDLEWARE SOLUTION

BEA TUXEDO

System Messages

LIBGW Catalog

BEA TUXEDO Release 6.5
Document Edition 6.5
February 1999

Copyright

Copyright © 1999 BEA Systems, Inc. All Rights Reserved.

Restricted Rights Legend

This software and documentation is subject to and made available only pursuant to the terms of the BEA Systems License Agreement and may be used or copied only in accordance with the terms of that agreement. It is against the law to copy the software except as specifically allowed in the agreement. This document may not, in whole or in part, be copied photocopied, reproduced, translated, or reduced to any electronic medium or machine readable form without prior consent, in writing, from BEA Systems, Inc.

Use, duplication or disclosure by the U.S. Government is subject to restrictions set forth in the BEA Systems License Agreement and in subparagraph (c)(1) of the Commercial Computer Software-Restricted Rights Clause at FAR 52.227-19; subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013, subparagraph (d) of the Commercial Computer Software--Licensing clause at NASA FAR supplement 16-52.227-86; or their equivalent.

Information in this document is subject to change without notice and does not represent a commitment on the part of BEA Systems. THE SOFTWARE AND DOCUMENTATION ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. FURTHER, BEA Systems DOES NOT WARRANT, GUARANTEE, OR MAKE ANY REPRESENTATIONS REGARDING THE USE, OR THE RESULTS OF THE USE, OF THE SOFTWARE OR WRITTEN MATERIAL IN TERMS OF CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE.

Trademarks or Service Marks

BEA, ObjectBroker, TOP END, TUXEDO, and WebLogic are registered trademarks of BEA Systems, Inc. BEA Builder, BEA Connect, BEA Manager, BEA MessageQ, Jolt and M3 are trademarks of BEA Systems, Inc.

All other company names may be trademarks of the respective companies with which they are associated.

BEA TUXEDO System Messages LIBGW Catalog

Document Edition	Date	Software Version
6.5	February 1999	BEA TUXEDO Release 6.5

Content

- 1. LIBGW Messages 1000-1099**
- 2. LIBGW Messages 1100-1199**
- 3. LIBGW Messages 3000-3099**
- 4. LIBGW Messages 4000-4099**
- 5. LIBGW Messages 4100-4199**
- 6. LIBGW Messages 5000-5099**
- 7. LIBGW Messages 5200-5299**



1 LIBGW Messages

1000-1099

1000	ERROR: Message dropped by gw_msg_rcv(). Error = <i>error_code</i>
Description	The Domains gateway process received an input message that it was unable to process. The <i>error_code</i> reported is for use by your BEA TUXEDO system Technical Support.
Action	The userlog will normally contain another related userlog message explaining the cause of the error in more detail. If no other message is present, contact your BEA TUXEDO system Technical Support.
1001	ERROR: Received message with an unknown internal type index <i>index_number</i>
Description	While processing a reply, the internal buffer type is unknown. This refers to an internal system problem that could be caused, for example, by corrupted shared memory.
Action	Contact your BEA TUXEDO system Technical Support.

1002 ERROR: Received message of unknown type '*type_name*' subtype '*subtype_name*'

Description	The Domains gateway received a message whose type and subtype are not known. That is, the gateway's type switch was not built to recognize the type and/or subtype of the message received. This may happen if the administrator has defined a new application specific type as described in <code>tuxtypes(5)</code> and has rebuilt some clients and/or servers with the new typeswitch, but has forgotten to rebuild other clients and/or servers with the new typeswitch.
--------------------	---

Action	The Domains gateway process should be re-linked with the appropriate type switch including the type and subtype that are printed as part of this error message. Or, the process sending the offending type/subtype should be altered to send a buffer that the gateway understands.
---------------	---

See Also	<code>tuxtypes(5)</code> , <code>ubbconfig(5)</code>
-----------------	--

1003 ERROR: Received message of unknown type '*type_name*'

Description	The Domains gateway received a message whose type is not known. That is, the gateway's type switch was not built to recognize the type of the message received. This may happen if the administrator has defined a new application specific type as described in <code>tuxtypes(5)</code> and has rebuilt some clients and/or servers with the new typeswitch, but has forgotten to rebuild other clients and/or servers with the new typeswitch.
--------------------	---

Action	The Domains gateway process should be re-linked with the appropriate type switch including the type that is printed as part of this error message. Or, the process sending the offending type should be altered to send a buffer that the gateway understands.
---------------	--

See Also	<code>tuxtypes(5)</code> , <code>ubbconfig(5)</code>
-----------------	--

1008	ERROR: shmat() system call failure: errno = <i>errno</i>
Description	One of the Domains system-supplied processes was unable to attach to a shared memory segment. The value of <i>errno</i> returned from the UNIX <code>shmat(2)</code> system call is also printed. This could happen if one or more shared memory segments were manually removed by a privileged UNIX user.
Action	If the value of <i>errno</i> indicates that the shared memory segment in question does not exist, it will be necessary to shut down the gateway group and reboot it.

1009	ERROR: Memory allocation failure, size <i>size</i>
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc</code> failed while attempting to create and initialize the Domains semaphore structures.
Action	Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1010	ERROR: Reached UNIX limit on semaphore ids
Description	The GWADM server could not create any more semaphore ids because the UNIX system-imposed limit on the maximum number of allowed semaphores system-wide would be exceeded.
Action	Use the <code>tmloadcf -c</code> and <code>dmloadcf -c</code> commands to determine the machine IPC resources required by the core BEA TUXEDO system and by the Domains feature. Add to these values the IPC resources used by any resource managers and/or other applications, and reconfigure the system IPC resources appropriately. Refer to the IPC tuning guidelines in the <i>BEA TUXEDO Installation Guide</i> for further information.
See Also	<code>tmloadcf(1)</code> , <code>dmloadcf(1)</code> , <i>BEA TUXEDO Installation Guide</i>

1011 ERROR: Can't create enough semaphores for GW	
Description	<p>When a Domains gateway group initializes, it creates one or more sets of semaphores for serializing access to the Domains shared memory. The number of semaphores created per gateway group is equal to the number of server processes configured for that gateway group, plus 1.</p> <p>This message is printed when the Domains gateway group cannot create as many semaphores as it needs.</p>
Action	<p>Since the core BEA TUXEDO system normally makes use of many more semaphores than the Domains add-on, attempts to reduce semaphore usage should focus on core BEA TUXEDO. If possible, decrease the value of MAXACCESSERS in the UBBCONFIG file to reduce core BEA TUXEDO system semaphore usage. If the MAX value for any Domains server is set to a large value, reduce this value in order to reduce the number of Domains semaphores used. If it is not possible to reduce semaphore usage for the existing application, the <code>tmconfig -c</code> and commands can be run to determine the number of semaphores required by core BEA TUXEDO and by the Domains add-on. Refer to the <i>BEA TUXEDO Installation Guide</i> for further information regarding IPC parameters.</p>
See Also	<i>BEA TUXEDO Installation Guide</i> , <code>tmloadcf(1)</code> , <code>dmloadcf(1)</code>
1012 ERROR: Reached UNIX limit on semaphore ids	
Description	See message 1010.
Action	See message 1010.
1013 ERROR: Can't create enough semaphores for GW	
Description	See message 1011.
Action	See message 1011.

1014	ERROR: semctl for initializing sems failed, errno=errno_value
Description	Once the GWADM process creates a semaphore set used for serializing access to the Domains shared memory, it initializes it. This message is issued when the GWADM server fails to initialize a semaphore set as locked. The issued message contains the UNIX error number, <i>errno</i> , which can be used to determine the exact nature of the error.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	semctl(2) in UNIX reference manuals

1015	ERROR: semctl for initializing sems failed, errno=errno_value
Description	Once the GWADM process creates a semaphore set used for serializing access to the Domains shared memory, it initializes it. This message is issued when the GWADM server fails to initialize a semaphore set with the administrator's UNIX uid, gid, and permissions as specified in the <i>dmconfig</i> file. The issued message contains the UNIX error number, <i>errno</i> , which can be used to determine the exact nature of the error.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	semctl(2) in UNIX reference manuals

1019	ERROR: Gateway internal data structures not set
Description	While attempting to lock shared memory, a Domains system server noticed that a pointer which should always point to information about the Domains process was set to NULL. This is an internal problem.
Action	Contact your BEA TUXEDO system Technical Support.

1020	ERROR: Can't lock gateway shared memory
Description	A process was unable to lock the shared memory data structures.
Action	Contact your BEA TUXEDO system Technical Support.

1021 ERROR: Can't unlock gateway shared memory	
Description	The process was unable to successfully unlock the shared memory data structures. As a result of this problem, other processes will be unable to lock the shared memory data structures. The most common cause of this error is the accidental removal of some or all of the semaphore sets.
Action	Ask the privileged users on your system (normally the BEA TUXEDO administrator and root) whether they may have accidentally removed some IPC resource, perhaps through inadvertent use of the UNIX System <code>ipcrm(1)</code> command. If no IPC resources have been accidentally removed, contact your BEA TUXEDO system Technical Support.
1022 ERROR: Can't unlock gateway shared memory, not the locker	
Description	The process attempted to unlock the shared memory data structures, but it was not the locker of these structures. Because of this, no change was made to the status of the shared memory data structures.
Action	Contact your BEA TUXEDO system Technical Support.
1024 ERROR: Wakeup failure for sem <i>semno</i>, errno <i>errno_val</i>	
Description	A <code>semop(2)</code> system call failed for one of the semaphores that control access to data structures. The <i>semno</i> refers to the index of the semaphore within a particular set; this information may be useful to support technicians. <i>errno_val</i> refers to the UNIX System error returned by the <code>semop(2)</code> system call. This value can be very helpful to application administrators in diagnosing the cause of the problem.
Action	Refer to the UNIX System <code>intro(2)</code> and <code>semop(2)</code> manual pages to translate the numeric value of <i>errno</i> into a symbolic value and determine the possible causes of such an error. For example, <i>errno</i> values of 22 (<code>EINVAL</code>) or 36 (<code>EIDRM</code>) indicate that a privileged user may accidentally have removed the semaphores, perhaps through use of the UNIX System <code>ipcrm(1)</code> command. If the problem cannot be resolved, contact your BEA TUXEDO system Technical Support.
See Also	<code>intro(2)</code> , <code>semop(2)</code> in UNIX reference manuals

1025 ERROR: Awaitwkup failure for sem *semno*, errno *errno_val*

Description A `semop(2)` system call failed for one of the semaphores that control access to data structures. The *semno* refers to the index of the semaphore within a particular set; this information may be useful to support technicians. *errno_val* refers to the UNIX System error returned by the `semop(2)` system call. This value can be very helpful to application administrators in diagnosing the cause of the problem.

Action Refer to the UNIX System `intro(2)` and `semop(2)` manual pages to translate the numeric value of `errno` into a symbolic value and determine the possible causes of such an error. For example, `errno` values of 22 (`EINVAL`) or 36 (`EIDRM`) indicate that a privileged user may accidentally have removed the semaphores, perhaps through use of the UNIX System `ipcrm(1)` command. If the problem cannot be resolved, contact your BEA TUXEDO system Technical Support.

See Also `intro(2)`, `semop(2)` in UNIX reference manuals

1026 WARN: GWDBG contains non-numeric characters in first number

Description The format of the GWDBG variable is invalid. The allowable formats for GWDBG are:

`number`
`number:regular_expression`
`number1-number2`
`number1-number2:regular_expression`

If `number` is specified, debugging messages with levels less than or equal to `number` will be printed. If `number1` and `number2` are specified, debugging messages with levels between `number1` and `number2`, inclusive, will be printed. If a regular expression is appended to the numeric part of the argument, only those messages matching that regular expression will be printed.

Action Make sure the format of the GWDBG variable is valid. GWDBG may be incorrectly set and exported in the environment. It may also be incorrectly set in an environment file using the `ENVFILE` parameter in the `MACHINES` or `SERVERS` section of the `UBBCONFIG` file.

1027 WARN: GWDBG contains non-numeric characters in 2nd part of range	
Description	<p>The format of the GWDBG variable is invalid. The allowable formats for GWDBG are:</p> <p>number number:regular_expression number1-number2 number1-number2:regular_expression</p> <p>If number is specified, debugging messages with levels less than or equal to number will be printed. If number1 and number2 are specified, debugging messages with levels between number1 and number2, inclusive, will be printed. If a regular expression is appended to the numeric part of the argument, only those messages matching that regular expression will be printed.</p>
Action	<p>Make sure the format of the GWDBG variable is valid. GWDBG may be incorrectly set and exported in the environment. It may also be incorrectly set in an environment file using the ENVFILE parameter in the MACHINES or SERVERS section of the UBBCONFIG file.</p>
See Also	<p>ubbconfig(5)</p>
1028 WARN: GWDBG regular expression invalid. Ignoring regular expression.	
Description	<p>The format of the GWDBG variable is invalid. The allowable formats for GWDBG are:</p> <p>number number:regular_expression number1-number2 number1-number2:regular_expression</p> <p>If number is specified, debugging messages with levels less than or equal to number will be printed. If number1 and number2 are specified, debugging messages with levels between number1 and number2, inclusive, will be printed. If a regular expression is appended to the numeric part of the argument, only those messages matching that regular expression will be printed.</p>
Action	<p>Make sure the format of the GWDBG variable is valid. GWDBG may be incorrectly set and exported in the environment. It may also be incorrectly set in an environment file using the ENVFILE parameter in the MACHINES or SERVERS section of the UBBCONFIG file.</p>
See Also	<p>ubbconfig(5)</p>

**1029 ERROR: Service request not forwarded to remote site: “*error_string*”
 gwerrno(*val*)**

Description The Domains gateway server attempted to execute a service request received from another Domains gateway. However, the invocation of `tpacall(3c)` on the remote domain failed. A string indicating the specific error is printed as part of the message, and will be returned to the process that invoked this service request across the gateway.

Action Look at the specific error string reported by `tpacall(3c)` to narrow down the cause of the error. Make certain that the service requested is advertised by one or more application servers, that its input buffer type is specified correctly, and that the application server supports transactions if the call was made in transaction mode.

See Also `tpacall(3c)`

1030 ERROR: Reply message not sent due to gateway error *error_code*

Description A Domains gateway server was unable to send a reply message to a BEA TUXEDO process. In many cases, another related userlog message will give further details as to the cause of the error. The *error_code* may help support personnel further distinguish the cause of the error.

Action Look for another related userlog message explaining the cause of the error in greater detail. If no other message is present, contact your BEA TUXEDO system Technical Support.

1031 ERROR: Domain administrative service GWA not advertised	
Description	When a Domains gateway server is booted, it checks to see if an instance of the GWADM server is executing within the same group by verifying that a service named GWA is offered within the same group. If no GWA service is offered, the Domains gateway server logs this message and exits.
Action	Make certain that the <code>dmconfig(5)</code> file specifies the GWADM server as present in each group where there are Domains gateway servers. Make certain that the <code>dmconfig(5)</code> file specifies that the GWADM server is to be booted prior to any Domains gateway servers within the same group. If using options to <code>tmboot</code> to explicitly control the servers booted, do not attempt to boot Domains gateway servers unless there is a GWADM server booted within the same group. Finally, make sure that the GWADM server has not abnormally died or failed to boot.
See Also	<code>dmconfig(5)</code>
1032 ERROR: Failed to update own server table entry with /T error (<i>error_string</i>)	
Description	A Domains process failed in an attempt to update its own server table entry in the Bulletin Board.
Action	Check that the shared memory segment that contains the Bulletin Board has not been removed. If it has, then the application will need to be rebooted. Otherwise, this error indicates an internal error. In this case, contact your BEA TUXEDO system Technical Support.
See Also	<code>tperrno(5)</code>
1033 ERROR: Cannot allocate memory to retrieve service table entries	
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc</code> failed while attempting to retrieve the list of services offered within this gateway group.
Action	Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1035	ERROR: Cannot retrieve GWADM server table entry due to /T error (<i>error_string</i>)
Description	A Domains gateway server or a restarting GWADM process is unable to retrieve the server table entry associated with the GWADM server. A string describing the value of <code>tperrno</code> associated with the failure is printed as part of the message.
Action	If this message is reported by a Domains gateway process, make certain that the GWADM server is in fact executing in the Domains gateway server group. If this message is reported in a different context, contact your BEA TUXEDO system Technical Support.

1036	ERROR: Can't locate free block in domain log
Description	The Domains software was unable to locate a suitably large block of space in the Domains log to log a particular transaction. This will result in the transaction being unable to commit.
Action	If any records for heuristically completed transactions exist in the Domains log, these records will remain until explicitly removed by an administrator. The <code>dmadmin printrtrans</code> and <code>forgettrtrans</code> commands can be used to remove any heuristic log records that are no longer required. Also, consider increasing the size of the Domains transaction log file. This can be done when the Domains gateway group is next taken down for maintenance using the <code>dmadmin dsdmlog</code> command and either the <code>dmadmin config</code> command or the <code>dmloadcf</code> command.
See Also	<code>dmadmin(1)</code> , <code>dmloadcf(1)</code>

1037	ERROR: gwlog_eot(): wrong page numbers <i>start_page/end_page</i>
Description	An internal request to free certain page(s) in the Domains log requested the freeing of a page range where the start page was greater than the end page, the start page was negative, or the end page reached beyond the end of the log. This indicates a problem with the Domains internal data structures.
Action	Contact your BEA TUXEDO system Technical Support.

1038 INFO: Domain log page <i>pageno</i> skipped, chksum didn't match	
Description	While reading in the Domains log to perform warmstart, a record was detected with a valid magic value but an invalid checksum. This can happen if there was a system crash after a part of the log record had been written to disk. This log record will not be considered when forming the list of transactions to be recommitted by warmstart. Domains will maintain transaction integrity by rolling the transaction back.
Action	No action required.
1039 ERROR: Domain log not in an understandable format. Different release.	
Description	While reading in the Domains log as part of warmstart, the Domains software detected a record whose format indicates that it comes from a different major release of Domains whose format is not known to this release. The record cannot be processed.
Action	If there is more than one release of the BEA TUXEDO system available on this machine, make sure that you are running the proper release. Also, refer to the installation notes for this release of Domains to determine the proper steps to follow when upgrading from a previous release.
1040 ERROR: System clock has been reset to prior time. Reset again to time after <i>time</i>.	
Description	The system clock has been reset such that the current time precedes the timestamps in the Domains transaction log. Since this could cause inconsistencies when previous transactions are warmstarted, the boot of the Domains gateway group is not allowed.
Action	Reset the system clock to the correct time, and retry the operation again.
1041 ERROR: Can't get domain log information for warmstart	
Description	A Domains system processes was unable to obtain basic information about its local domain that is needed to properly warmstart the Domains gateway group. For this reason, the boot of the Domains gateway group will fail.
Action	Contact your BEA TUXEDO system Technical Support.

1042 ERROR: Can't open domain log

Description The process was unable to open the Domains transaction log device. Another userlog message will normally provide further details as to the cause of the error.

Action Make certain that the device listed in the DMTLOGDEV parameter in the Domains configuration file exists, and that it can be read by the user ID under which the Domains processes are running. Use the `tmadmin livtoc` command to verify that a table whose name is given by the DMTLOGNAME parameter in the Domains configuration file exists. If no such table exists, determine whether there is sufficient free space to create such a table. Examine immediately preceding messages in the userlog to determine a more specific cause of the error.

See Also `tmadmin(1)`, `dmconfig(5)`

1046 ERROR: Can't release domain shared memory lock

Description The Domains gateway process is unable to release a lock on the Domains shared data structures. As a result, other processes within the Domains gateway group will be unable to access the Domains shared data structures.

Action Shut down the Domains gateway group and then restart it. Contact your BEA TUXEDO system Technical Support.

1047 ERROR: Found invalid TMS event 0xevent_number

Description A common function within the Domains gateway that is used to send several different types of events to other TMS processes was invoked with an event that it does not know about. This is an internal error.

Action Contact your BEA TUXEDO system Technical Support.

1048	ERROR: Cannot send to service “TMS” due to error “<i>error_string</i>”
Description	The Domains gateway was managing a transaction and had attempted to send a message to a TMS service via a <code>tpacall()</code> , and that call failed. The string value displayed in the message identifies the value of <code>tperrno</code> returned by <code>tpacall()</code> .
Action	A possible cause for this error may be that the TMS process has terminated for some reason. Please check and ensure that all TMS processes are running. If further assistance is needed, contact the BEA TUXEDO system Administrator.
1049	ERROR: TMS_ABORTONLY transaction state <i>state</i>
Description	The Domains gateway process was rolling back a transaction. The transaction state was not as expected.
Action	Contact your BEA TUXEDO system Technical Support.
1050	ERROR: TMS_MANAGE found transaction state <i>stateval</i>
Description	While attempting to send a first phase commit request to other participating groups in a transaction, the Domains gateway process found a transaction state it did not expect.
Action	Contact your BEA TUXEDO system Technical Support.
1051	ERROR: TMS_MANAGE found transaction state <i>stateval</i>
Description	While attempting to send a second phase commit message to other participating groups in a transaction, the Domains gateway process found a transaction state it did not expect.
Action	Contact your BEA TUXEDO system Technical Support.
1052	ERROR: TMS_MANAGE found transaction state <i>stateval</i>
Description	While attempting to send an abort message to other participating groups in a transaction, the Domains gateway process found a transaction state it did not expect.
Action	Contact your BEA TUXEDO system Technical Support.

1053	ERROR: TMS_TIMEOUT state state
Description	While attempting to process a request to time out a transaction received from the BEA TUXEDO BBL, the Domains gateway process found an unexpected transaction state.
Action	Contact your BEA TUXEDO system Technical Support.
1054	ERROR: Received TMS_ABORT for TMGDECIDED transaction
Description	The Domains gateway received a rollback request for a transaction. However, the Bulletin Board data structures indicate that the transaction is in a state that can only occur if the decision was to commit the transaction.
Action	Contact your BEA TUXEDO system Technical Support.
1055	ERROR: Group group at coordinator site received TMS_ABORT in state TMGREADY
Description	The Domains gateway, acting as coordinator of a BEA TUXEDO transaction, received a request to rollback a transaction that is already in “ready” state. Since only the coordinator itself can make the decision to abort such a transaction, this is an internal error.
Action	Contact your BEA TUXEDO system Technical Support.
1056	WARN: TMS_ABORT changing group group from TMGHCOMMIT to TMGABORTED
Description	An administrator had made a previous decision to heuristically commit a transaction at this group. Subsequently, it was learned that the coordinator had decided to abort the transaction. This message logs the inconsistency.
Action	No action is required. However, the administrator may want to take application-specific steps to manually remedy any inconsistency caused by the incorrect heuristic decision.
1057	ERROR: tms_abort group group in state state
Description	While rolling back a transaction, the Domains gateway found the transaction state of group <i>group</i> to not be one of the expected states for a transaction being rolled back.
Action	Contact your BEA TUXEDO system Technical Support.

1058 WARN: aborttrans all aborted transaction	
Description	The Domains gateway received a request to heuristically rollback a global transaction. This request was generated via the <code>tadmin aborttrans</code> command.
Action	No action required.
1059 WARN: committrans committed group <i>group</i>	
Description	This message informs that a transaction has been heuristically committed at this group as a result of a <code>tadmin committrans</code> command.
Action	No action required.
1060 ERROR: Can't get domain shared memory lock	
Description	While attempting to place a transaction on the list of items to be logged, the Domains gateway was unable to log the Domains shared memory data structures. As a result, the transaction cannot be logged at this time. This will result in the transaction being aborted or remaining in an indeterminate state.
Action	Contact your BEA TUXEDO system Technical Support.
1061 ERROR: Failed to set non-blocking priority for TMS request	
Description	While attempting to send a TMS message, a Domains gateway process was unable to increase the priority of a non-blocking request. By itself, this failure will not result in any incorrect operation other than a possible minor performance degradation. However, it may be symptomatic of problems elsewhere in the system, since this call should not normally fail.
Action	Contact your BEA TUXEDO system Technical Support.
1062 ERROR: TMS_COMMIT found transaction state <i>state</i>	
Description	While attempting to process a transaction commit request, the Domains gateway found an unexpected transaction state in the BEA TUXEDO transaction table.
Action	Contact your BEA TUXEDO system Technical Support.

1063	ERROR: Cannot start AUTOTRAN transaction due to error “<i>error_string</i>”
Description	The domain gateway attempted to initiate a transaction because of the AUTOTRAN option on a service request it received. However, the call to <code>tpbegin(3c)</code> failed. The error string associated with the value of <code>tperrno</code> returned by <code>tpbegin(3c)</code> is printed as part of the error message.
Action	Look at the list of <code>tperrno</code> values on the <code>tpbegin(3c)</code> manual page to attempt to narrow down the cause of the error. Also look for any immediately preceding messages in the userlog. For example, a preceding message about “No space in Bulletin Board” would indicate that the global transaction table was full. In this case, the size of the transaction table should be increased by the administrator. If the cause of the error cannot otherwise be determined, contact your BEA TUXEDO system Technical Support.
See Also	<code>tpbegin(3c)</code>
1066	ERROR: gw_tms_status found transaction state <i>tran_state</i>
Description	While processing a transaction status message received from a TMS process or from the BBL, the Domains gateway process detected that the transaction was in an unexpected state.
Action	Contact your BEA TUXEDO system Technical Support.
1067	ERROR: Cannot find transaction for action <i>action_name</i>
Description	The Domains gateway generated an action to send a transaction-related message to a TMS process. However, the transaction specified by the action was not found in the system at the time when the action was executed.
Action	Contact your BEA TUXEDO system Technical Support.
1068	WARN: Cannot free unrecognized internal buffer at address <i>0xaddress</i>
Description	A Domains gateway process attempted to free what it thought was a BEA TUXEDO system buffer. However, the buffer did not have the proper BEA TUXEDO magic value or was a NULL pointer, so it was not freed.
Action	Since the bad buffer was not freed, no action is required. However, you may want to contact your BEA TUXEDO system Technical Support to report that this has occurred.

1069 ERROR: Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc</code> failed while attempting to log a transaction. For the most common types of log records, this will result in the transaction being aborted.
Action	Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
1070 ERROR: Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc</code> failed while attempting to warmstart the Domains gateway group.
Action	Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
1071 ERROR: gw_tms_ready for missing group <i>group</i>	
Description	While committing a transaction, the Domains gateway received a ready indication for a group that is not part of the transaction. The transaction will be marked as abort-only.
Action	Contact your BEA TUXEDO system Technical Support.
1072 ERROR: gw_tms_ready group <i>group</i> state <i>state</i>	
Description	While committing a transaction, the Domains gateway found that one of the groups for the transaction is in an unexpected state.
Action	Contact your BEA TUXEDO system Technical Support.
1073 ERROR: gw_tms_ready found transaction state <i>state</i>	
Description	While attempting to commit a transaction, the Domains gateway found an unexpected transaction state. Because of this, the transaction is being marked abort-only.
Action	Contact your BEA TUXEDO system Technical Support.

1074	ERROR: Service request found state <i>state</i> for group <i>group</i>
Description	A Domains gateway process received a service request in transaction mode, but the state of the Domains gateway group was neither active nor aborted. Due to this unexpected state, the service request is not allowed.
Action	Contact your BEA TUXEDO system Technical Support.

1075	ERROR: TMS_DONE transaction state <i>state</i>
Description	The Domains gateway was finishing the final phase of transaction commit, and found that the transaction state was not as expected.
Action	Contact your BEA TUXEDO system Technical Support.

1076	WARN: aborttrans aborted transaction
Description	The Domains gateway received a request to heuristically rollback a group of a global transaction. This request was generated via the <code>tmadmin aborttrans</code> command.
Action	No action required.

1077	WARN: aborttrans not allowed for TMGDECIDED transaction
Description	The Domains gateway received a request to heuristically rollback a transaction that is already in decided state. This is not allowed, since the decision has already been made that such a transaction is to be committed. The request was generated via the <code>tmadmin aborttrans</code> command.
Action	No action required.

1078	WARN: aborttrans not allowed for TMGREADY transaction at coordinator site
Description	The Domains gateway received a request to heuristically rollback a transaction. This Domains group is the coordinator of the transaction, and all groups have reported that they are ready. At this point, the transaction may be waiting for its request to write commit in the transaction log to be completed. For this reason, the request to heuristically rollback the transaction is not allowed, and will be ignored. The request was generated by the <code>tmadmin aborttrans</code> command.
Action	No action required.

1079 WARN: aborttrans aborted group <i>group_name</i>	
Description	This message informs that a transaction has been heuristically committed at group <i>group_name</i> as a result of a tadmin committrans command.
Action	No action required.
1080 ERROR: Conversational request not forwarded to remote site - <i>tperrno_string</i>	
Description	A tpsend(3c) or tpdicon(3c) call was issued by a program on another domain. This call was for a conversation with a server located on this domain. However, when the Domains gateway attempted to execute the tpsend(3c) or tpdicon(3c) on this domain on behalf of the original issuer, an error resulted. The value of <i>tperrno</i> is printed as part of the message.
Action	Refer to the manual pages for tpsend(3c) and tpdicon(3c) for possible causes of the error. If necessary, correct the application so that the error does not reoccur.
See Also	tpsend(3c), tpdicon(3c)
1081 ERROR: Conversation error TPEEevent but event flag not set	
Description	A Domains gateway process received a conversational message from another BEA TUXEDO process. The message header contained a tperrno value of TPEEevent, but the message header did not contain any event. This does not conform to the expected protocol.
Action	Contact your BEA TUXEDO system Technical Support.
1082 ERROR: Bad conversation event: <i>number</i>	
Description	A Domains gateway process received a conversational message from another BEA TUXEDO process. The tperrno value in the message was set to TPEEevent, but the event reported was a value that is not known to the system. However, the event field was set to an event value that is not known.
Action	Contact your BEA TUXEDO system Technical Support.

1083	ERROR: Conversational connect not forwarded to remote site - <i>tperrno_string</i>
Description	A <code>tpconnect(3c)</code> was issued by a program on another domain to initiate a conversation with a server on this domain. However, when the Domains gateway attempted to perform the functionality of <code>tpsend(3c)</code> on this domain on behalf of the original issuer, an error resulted. The value of <code>tperrno</code> is printed as part of the message.
Action	Refer to the manual page for <code>tpconnect(3c)</code> for possible causes of the error. If necessary, correct the application so that the error does not reoccur.
See Also	<code>tpconnect(3c)</code>
1084	ERROR: Failed to create connection
Description	This error occurs when a Domains gateway process executes <code>tpconnect(3c)</code> on behalf of a client on a remote domain and fails to add a connection table entry into the Bulletin Board. This can happen if the Bulletin Board connection table is full.
Action	Increase the number of connection table entries in the Bulletin Board by increasing the <code>MAXCONV</code> parameter in the <code>UBBCONFIG</code> file.
See Also	<code>ubbconfig(5)</code>
1085	ERROR: Failed to get acknowledgement message for connection - <i>tperrno_string</i>
Description	This error could occur when a conversational client or server on another domain issues a <code>tpconnect(3c)</code> with <code>TPSENDONLY</code> to a service located on this domain. Within each BEA TUXEDO domain, the <code>tpconnect(3c)</code> request with <code>TPSENDONLY</code> requires an internal acknowledgment message to be sent. The internal acknowledgment sent from the application server on this domain to the Domains gateway indicated a failure. The value of <code>tperrno</code> associated with the failure is included as part of the message. The next call made on the conversation will result in an immediate disconnect notification.
Action	Look at the <code>tpconnect(3c)</code> manual page to see under what circumstances the specific value of <code>tperrno</code> reported can occur. (For example, a <code>tperrno</code> value of <code>TPEITYPE</code> would indicate that the data type passed to <code>tpconnect(3c)</code> is not acceptable to the service invoked.) If the error reported is <code>TPESYSTEM</code> , contact your BEA TUXEDO system Technical Support.
See Also	<code>tpconnect(3c)</code>

1086 INFO: Transaction marked abort-only upon gateway restart	
Description	A Domains gateway process died and was restarted by the BEA TUXEDO system. As a result, transactions that the dead gateway was involved in that had not yet entered the commit phase were marked as abort-only. The transaction indicated in this message had an active action associated with it in the dead gateway, and was marked abort-only.
Action	No action required.
1087 INFO: Warmstart processing transaction as coordinating domain	
Description	A Domains gateway group was previously shut down while transactions were active, or the group previously was terminated abnormally (that is, by a machine crash) regardless of whether transactions were active. Upon restart, the Domains gateway has examined its log and found that this transaction may need to be pushed through to commit. This domain gateway group is the root of the transaction tree. Domains will take care of recommitting the transaction; no administrator action is required.
Action	No action required.
1088 INFO: Warmstart processing transaction as subordinate to domain <i>domain_name</i>	
Description	A Domains gateway group was previously shut down while transactions were active, or the group previously was terminated abnormally (that is, by a machine crash) regardless of whether transactions were active. Upon restart, the Domains gateway has examined its log and found that the commitment or rollback actions for this transaction may not have been completed. This domain gateway group is a subordinate of domain <i>domain_name</i> in the transaction tree. Domains will contact the transaction coordinator and will take care of committing or rolling back the transaction; no administrator action is required.
Action	No action required.

1089 INFO: Warmstart processing transaction as subordinate to group *group_name*

Description A Domains gateway group was previously shut down while transactions were active, or the group previously was terminated abnormally (that is, by a machine crash) regardless of whether transactions were active. Upon restart, the Domains gateway has examined its log and found that the commitment or rollback actions for this transaction may not have been completed. This domain gateway group is a subordinate of local group *group_name* in the transaction tree. Domains will contact the transaction coordinator and will take care of committing or rolling back the transaction; no administrator action is required.

Action No action required.

1090 ERROR: Memory allocation failure, size *size*

Description An attempt to dynamically allocate memory from the operating system using `malloc` failed while attempting to perform a message queue read.

Action Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1091 ERROR: Recovery cannot retrieve record for domain *domain_name*

Description The Domains gateway was reading its transaction log upon startup and identified the transaction mentioned in this userlog record as potentially requiring recovery actions. The transaction log stated that domain *domain_name* was a participant in this transaction, but information about this domain could not be found in shared memory. This message can occur in a development environment if the BEA TUXEDO system Administrator loads a Domains configuration file for a new application in place of an old configuration file, the new and old configuration files share the same DMTLOGDEV and DMTLOGNAME parameters, the new configuration file specifies a different set of domains from the old file, and the old application was last shut down either when transactions were outstanding or other than by using `tmshutdown(1)`.

Action If the BEA TUXEDO system Administrator has recently loaded a new Domains configuration file as described above, then the BEA TUXEDO system Administrator may either reload the old configuration file, reboot the old application, and shut down the old application (if transactional integrity of the old application is important), or may use the `dmadmin(1)` subcommand `dsdmlg` to remove the old log (if in a development environment where the old application is being thrown away). Note that an application may not specify the same DMTLOGDEV and DMTLOGNAME combination as used for any other application. If this is the case, one of the applications should be changed to use a different DMTLOGNAME or DMTLOGDEV. If this error is not the result of one of the conditions described above, contact your BEA TUXEDO system Technical Support.

See Also `dmloadcf(1)`, `dmconfig(5)`

1092 ERROR: Recovery cannot retrieve record for domain *domain_name*

Description The Domains gateway was reading its transaction log upon startup and identified the transaction mentioned in this userlog record as potentially requiring recovery actions. The transaction log stated that domain *domain_name* was a participant in this transaction, but information about this domain could not be found in shared memory. This message can occur in a development environment if the BEA TUXEDO system Administrator loads a Domains configuration file for a new application in place of an old configuration file, the new and old configuration files share the same DMTLOGDEV and DMTLOGNAME parameters, the new configuration file specifies a different set of domains from the old file, and the old application was last shut down either when transactions were outstanding or other than by using `tmshutdown(1)`.

Action If the BEA TUXEDO system Administrator has recently loaded a new Domains configuration file as described above, then the BEA TUXEDO system Administrator may either reload the old configuration file, reboot the old application, and shut down the old application (if transactional integrity of the old application is important), or may use the `dmadmin(1)` subcommand `dsdmlog` to remove the old log (if in a development environment where the old application is being thrown away). Note that an application may not specify the same DMTLOGDEV and DMTLOGNAME combination as used for any other application. If this is the case, one of the applications should be changed to use a different DMTLOGNAME or DMTLOGDEV. If this error is not the result of one of the conditions described above, contact your BEA TUXEDO system Technical Support.

See Also `dmloadcf(1)`, `dmconfig(5)`

1093 ERROR: Recovery cannot set branch state for domain *domain_name*

Description The Domains gateway was recovering a transaction from its log and was able to restore the transaction to shared memory, but then was unable to set the transaction state in shared memory.

Action Contact your BEA TUXEDO system Technical Support.

1094 ERROR: DMCONFIG DMTLOGSIZE, <i>num_pages</i>, differs from size of existing log, <i>num_pages</i>	
Description	The Domains gateway was opening its transaction log to perform recovery and found that the size of the log as listed in the dmconfig file did not match the actual size of the log.
Action	If there could still be any outstanding transactions requiring recovery, restore the Domains configuration to its previous size and reload it using <code>dmloadcf(1)</code> . The Domains gateway group may then be rebooted. If the BEA TUXEDO system administrator does need to change the size of the Domains log, the <code>dmadmin(1)</code> subcommand <code>dsdmllog</code> may be used. The log will then automatically be re-created with the size listed in the Domains configuration file the next time the Domains gateway group is booted.
See Also	<code>dmadmin(1)</code> , <code>dmloadcf(1)</code> , <code>dmconfig(5)</code>
1095 WARN: Cannot initialize network recovery and/or listening points	
Description	While booting, a Domains gateway process was unable to complete network initialization operations.
Action	The specific actions taken upon network startup are dependent upon the network instantiation. Make sure that the network parameters specified in the Domains configuration file are valid. In many cases, the network instantiation will print a preceding userlog message giving more information as to the cause of the problem.
1096 ERROR: Memory allocation failure for post receive	
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc</code> failed while the Domains gateway was attempting to process a message received from another process in the same domain. The message will be dropped.
Action	Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.

1097	ERROR: Post receive operation on message failed
Description	The Domains gateway was unable to perform buffer-type specific postprocessing on a message received from another process in the same domain.
Action	If using an application-defined buffer type, make sure that the buffer typeswitch routines conform to the specifications described on the <code>buffer(3c)</code> manual page. If using only the buffer types provided with the BEA TUXEDO product, contact your BEA TUXEDO system Technical Support.
See Also	<code>buffer(3c)</code>

1098	ERROR: [Service receive: cannot send meta-msg reply]
Description	While attempting to advertise a service, the Domains gateway was unable to send a reply message to the process which requested that the service be advertised.
Action	Look in the userlog for a preceding message explaining why the reply message could not be sent (for example, an operating system resource error). If no such message is present, contact your BEA TUXEDO system Technical Support.

1099	ERROR: Unable to advertise initial services - <i>error_string</i>
Description	When booting, the Domains gateway was unable to advertise its initial services. A string indicating the value of <code>tperno</code> will be printed as part of the message. The gateway will exit as a result of this error.
Action	The proper action to take will depend upon the value of <code>tperno</code> . If <code>tperno</code> is set to <code>TPELIMIT</code> , increase the value of the <code>MAXSERVICES</code> parameter in the <code>RESOURCES</code> section of the <code>TUXCONFIG</code> file. If <code>tperno</code> is set to <code>TPESYSTEM</code> , look for another message preceding this message with more information on the failure.
See Also	<code>ubbconfig(5)</code>

2 LIBGW Messages

1100-1199

1100	ERROR: Memory allocation failure, size <i>size</i>
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc</code> failed while attempting to allocate initial table space for the Domains gateway.
Action	Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
1101	ERROR: Memory allocation failure, size <i>size</i>
Description	See message 1100.
Action	See message 1100.
1102	ERROR: Memory allocation failure, size <i>size</i>
Description	See message 1100.
Action	See message 1100.
1103	ERROR: Memory allocation failure, size <i>size</i>
Description	See message 1100.
Action	See message 1100.

1104 ERROR: Memory allocation failure, size <i>size</i>	
Description	See message 1100.
Action	See message 1100.

3 LIBGW Messages

3000-3099

3015 ERROR: Can't attach to the shared memory segment(s)

Description	The gateway process could not attach the shared memory segments created by the GWADM server to its address space. Check the UNIX IPC parameters to make sure that a process can attach the required number of segments.
--------------------	---

Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
---------------	---

See Also	<code>dmconfig(5)</code>
-----------------	--------------------------

3016 ERROR: Can't create additional shared memory segment(s)

Description	The GWADM administrative server could not create additional shared memory segments. Check the UNIX IPC parameters to make sure that the total shared memory size is enough for the needs of the application(s).
--------------------	---

Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
---------------	---

See Also	<code>dmconfig(5)</code>
-----------------	--------------------------

3017 ERROR: Can't create initial shared memory segment(s)	
Description	The GWADM administrative server could not create initial shared memory segments. Check the UNIX IPC parameters to make sure that the total shared memory size is enough for the needs of the application(s).
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	<code>dmconfig(5)</code>
3018 ERROR: Can't attach initial shared memory segment(s) to the process	
Description	The GWADM administrative server could not attach the initial shared memory segments to its address space. Check the UNIX IPC parameters to make sure that a process can attach the required number of segments.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	<code>dmconfig(5)</code>
3019 ERROR: Can't create additional shared memory segment(s)	
Description	The GWADM administrative server could not create additional shared memory segments. Check the UNIX IPC parameters to make sure that the total shared memory size is enough for the needs of the application(s).
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	<code>dmconfig(5)</code>

3020	ERROR: Can't attach additional shared memory segment(s) to the process
Description	The GWADM administrative server could not attach the additional shared memory segments to its address space. Check the UNIX IPC parameters to make sure that a process can attach the required number of segments.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	dmconfig(5)

3022	ERROR: Can't add REMOTE DOMAIN entry into table
Description	When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load a REMOTE DOMAIN into shared memory. This should only occur if the GWADM administrative server cannot find free space in the existing shared memory segments and it cannot create additional shared memory segments to add the new entry.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	dmconfig(5)

3023	ERROR: Can't add TDOMAIN entry into table
Description	When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load a TDOMAIN into shared memory. This should only occur if the GWADM administrative server cannot find free space in the existing shared memory segments and it cannot create additional shared memory segments to add the new entry.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	dmconfig(5)

3024 ERROR: Can't add OSITP entry into table	
Description	When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load an OSITP into shared memory. This should only occur if the GWADM administrative server cannot find free space in the existing shared memory segments and it cannot create additional shared memory segments to add the new entry.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	dmconfig(5)
3025 ERROR: Can't add ACL entry into table	
Description	When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load an ACL into shared memory. This should only occur if the GWADM administrative server cannot find free space in the existing shared memory segments and it cannot create additional shared memory segments to add the new entry.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	dmconfig(5)

3026 ERROR: Can't add LOCAL SERVICE entry into table

Description When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load a LOCAL SERVICE into shared memory. This should only occur if the GWADM administrative server cannot find free space in the existing shared memory segments and it cannot create additional shared memory segments to add the new entry.

Action Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.

See Also dmconfig(5)

3027 ERROR: Can't add REMOTE SERVICE entry into table

Description When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load a REMOTE SERVICE into shared memory. This should only occur if the GWADM administrative server cannot find free space in the existing shared memory segments and it cannot create additional shared memory segments to add the new entry.

Action Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.

See Also dmconfig(5)

3028 ERROR: Can't add ROUTING entry into table

Description When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load a ROUTING entry into shared memory. The surrounding messages should indicate the nature of the error.

Action Check the userlog and if the problem can be fixed by setting FLDTBLS and FLDTBLDIR to the proper value, then shut down the application and re-start it with the new environment.

See Also dmconfig(5)

3029	ERROR: Can't setup links from LOCAL DOMAIN entry to tdomain/ositp/snadom
Description	The Domain Gateway library software detected an error while trying to initialize the Gateway Administrative server. The process was unable to set up the links to the shared memory table for the local domain.
Action	This is an internal error with no associated user action. If the error persists, contact your BEA TUXEDO system Technical Support with the exact error message.
See Also	tpstrerror(3c)
3030	ERROR: Can't setup links from REMOTE DOMAIN entry to tdomain/ositp/snadom
Description	The GWADM administrative server first loads the addresses for the remote domains and then sets up links from the remote domain information to the corresponding listening addresses. This message indicates that it cannot set up the link. This message should only happen if the shared memory is corrupted for some reason.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
3031	ERROR: Can't setup links from LOCAL SERVICE entry to ACL entry
Description	The GWADM administrative server first loads all the ACL entries required by a local domain and then it loads all the LOCAL SERVICES advertised by this domain. This message happens when it cannot set up a link from a LOCAL SERVICE entry to its corresponding ACL entry. This message should only happen if the shared memory is corrupted.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)

3032 ERROR: Can't setup links from REMOTE SERVICE entry to routing/rdomentry

Description The GWADM administrative server first loads all the ROUTING and REMOTE DOMAIN entries required by a local domain and then it loads all the REMOTE SERVICES advertised by this domain. This message happens when it cannot set up a link from a REMOTE SERVICE entry to its corresponding ROUTING or RDOM entry. This message should only happen if the shared memory is corrupted.

Action Contact your BEA TUXEDO system Technical Support.

See Also dmconfig(5)

3033 ERROR: Can't add LOCAL DOMAIN entry into table

Description When the GWADM administrative server is booted, it fetches the DM_LOCAL_DOMAIN entry corresponding to its GROUP in UBBCONFIG, and then it stores this information in shared memory. This message indicates that the GWADM process cannot write the LDOM info into shared memory. This should only happen if shared memory is corrupted.

Action Contact your BEA TUXEDO system Technical Support.

See Also dmconfig(5)

3037 ERROR: Can't attach initial shared memory segment to the gateway process

Description The gateway process could not attach the shared memory segments created by the GWADM server to its address space. Check the UNIX IPC parameters to make sure that a process can attach the required number of segments.

Action Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.

See Also dmconfig(5)

3038	ERROR: Can't attach additional shared memory segment to the gateway process
Description	The gateway process could not attach the shared memory segments created by the GWADM server to its address space. Check the UNIX IPC parameters to make sure that a process can attach the required number of segments.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	dmconfig(5)
3039	ERROR: Can't detach shared memory segment from the process
Description	A process could not detach a shared memory segment from its address space. This can happen if the pointer to the base address of the shared memory got corrupted.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
3040	ERROR: _dmcf_OLD_open failed: Can't open DM_REMOTE_DOMAINS section
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_REMOTE_DOMAIN section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)

3041 ERROR: _dmcf_OLD_open failed: Can't open DM_TDOMAIN section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_TDOMAIN section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3042 ERROR: _dmcf_OLD_open failed: Can't open DM_OSITP section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_OSITP section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3043 ERROR: _dmcf_OLD_open failed: Can't open DM_ACCESS_CONTROL section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_ACCESS_CONTROL section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3044 ERROR: _dmcf_OLD_open failed: Can't open DM_LOCAL_SERVICES section	
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_LOCAL_SERVICES section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)
3045 ERROR: _dmcf_OLD_open failed: Can't open DM_REMOTE_SERVICES section	
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_REMOTE_SERVICES section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)
3046 ERROR: _dmcf_OLD_open failed: Can't open DM_ROUTING section	
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_ROUTING section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)

3047 ERROR: _dmcfl_OLD_open failed: Can't open DM_REMOTE_DOMAINS section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_REMOTE_DOMAIN section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3048 ERROR: _dmcfl_OLD_open failed: Can't open DM_TDOMAIN section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_TDOMAIN section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3049 ERROR: _dmcfl_OLD_open failed: Can't open DM_ACCESS_CONTROL section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_ACCESS_CONTROL section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3050	ERROR: _dmcf_OLD_open failed: Can't open DM_LOCAL_SERVICES section
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_LOCAL_SERVICES section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)
3051	ERROR: _dmcf_OLD_open failed: Can't open DM_REMOTE_SERVICES section
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_REMOTE_SERVICES section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)
3052	ERROR: _dmcf_OLD_open failed: Can't open DM_ROUTING section
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_ROUTING section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)

3053 ERROR: _dmcf_OLD_open failed: Can't open DM_REMOTE_DOMAINS section

Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_REMOTE_DOMAIN section.
--------------------	--

Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
---------------	---

See Also	dmconfig(5)
-----------------	-------------

3055 ERROR: _dmcf_OLD_open failed: Can't open DM_LOCAL_SERVICES section

Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_LOCAL_SERVICES section.
--------------------	---

Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
---------------	---

See Also	dmconfig(5)
-----------------	-------------

3056 ERROR: _dmcf_OLD_open failed: Can't open DM_LOCAL_SERVICES section

Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_LOCAL_SERVICES section.
--------------------	---

Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
---------------	---

See Also	dmconfig(5)
-----------------	-------------

3057 ERROR: _dmcf_OLD_open failed: Can't open DM_REMOTE_SERVICES section	
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_REMOTE_SERVICES section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)
3058 ERROR: Can't add own process entry in shared memory	
Description	A gateway process cannot find a free slot in the PROC table in shared memory. When a GWADM starts up, it reads the TUXCONFIG file to determine the maximum number of processes in its GROUP so that it can allocate space for that many slots. However, after the GWADM is booted, if the MAX parameter for this GROUP's gateway processes in the SERVERS section of the TUXCONFIG file is increased using tmadmin, then the additional processes can't be booted because there is no more space in the shared memory that was computed at boot-time.
Action	If you want to increase the number of gateway processes in a domain, shut down the application and re-generate the TUXCONFIG file.
See Also	dmconfig(5)
3059 ERROR: Can't remove shared memory segment	
Description	The last process (GWADM, GWTDOMAIN, or GWOSITP) in a domain will attempt to remove the IPC resources. This message indicates that the process cannot remove the IPC entries.
Action	Check to make sure that the permissions on the IPC resources for this domain have not been changed.
See Also	dmconfig(5)

3060 ERROR: _dmcf_OLD_open failed: Can't open DM_REMOTE_SERVICES section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_REMOTE_SERVICES section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3061 ERROR: _dmcf_OLD_open failed: Can't open DM_OSITP section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM cannot open the BDMCONFIG file for reading the DM_OSITP section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

3067 ERROR: Can't add DOMAIN ID entry for LDOM into table

Description When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load a DOMAINID entry for the local domain into shared memory. This should not occur normally.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

3068 ERROR: Can't add DOMAIN ID entry for RDOM into table	
Description	When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it cannot load a DOMAINID entry for a REMOTE DOMAIN into shared memory.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
3076 WARN: Service GWA offered by more than one server in this group	
Description	The GWA service can be offered by only one GWADM administrative server in a given group. This message indicates that a second GWADM attempted to boot for a local domain.
Action	Correct the error and re-boot the application.
See Also	dmconfig(5)

4 LIBGW Messages

4000-4099

4019 ERROR: Cannot get fieldid for *fld*

Description	A system error occurred in getting the field identifier when loading the routing entry into the Bulletin Board.
--------------------	---

Action	Check the field tables to see if the field specified in the routing table is defined. Also, check your environment variables FLDTBLLDIR and FLDTBLIS.
---------------	---

See Also	GWADM(5)
-----------------	----------

4023 ERROR: unknown type *type* to route on

Description	The BUFTYPE, <i>type</i> , for routing is unknown to the system. Currently, only VIEW and FML are supported buffer types for routing.
--------------------	---

Action	Check your BUFTYPE definitions in the DM_ROUTING section of the DMCONFIG file. Only VIEW and FML can be specified. Then, re-load the BDMCONFIG file and re-boot the application.
---------------	--

See Also	dmconfig(5)
-----------------	-------------

4024	ERROR: cannot use data, field type not identical for field <i>fieldname</i>
Description	The data routing entry cannot be used because the field type is not identical for field, <i>fieldname</i> , in the routing table.
Action	Check the field type, <i>fieldname</i> , in the DM_ROUTING section of the DMCONFIG file for consistency.
See Also	dmconfig(5)
4025	ERROR: Can't add ROUTSTRPOOL entry into table
Description	The GWADM administrative server couldn't successfully add a DM_ROUTING entry into shared memory. Check the surrounding messages for specifics.
Action	Correct the error and re-boot the application.
See Also	dmconfig(5)
4026	ERROR: Can't find ROUTSTRPOOL entry in table
Description	The GWADM administrative server couldn't successfully add a DM_ROUTING entry into shared memory. The server couldn't retrieve the entry it just added.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
4027	ERROR: Can't add ROUTSTRPOOL entry into table
Description	The GWADM administrative server couldn't successfully add a DM_ROUTING entry into shared memory. Check the surrounding messages for specifics.
Action	Correct the error and re-boot the application.
See Also	dmconfig(5)

4028 ERROR: Can't find ROUTSTRPOOL entry in table

Description The GWADM administrative server couldn't successfully add a DM_ROUTING entry into shared memory. The server couldn't retrieve the entry it just added.

Action Contact your BEA TUXEDO system Technical Support.

See Also dmconfig(5)

4029 ERROR: Can't add RANGES entry into table

Description The GWADM administrative server couldn't successfully add a DM_ROUTING entry into shared memory. Check the surrounding messages for specifics.

Action Correct the error and re-boot the application.

See Also dmconfig(5)

4030 ERROR: Can't find RANGES entry in table

Description The GWADM administrative server couldn't successfully add a DM_ROUTING entry into shared memory. The server couldn't retrieve the entry it just added.

Action Contact your BEA TUXEDO system Technical Support.

See Also dmconfig(5)

4031 ERROR: dmroute failed, could not find routing criteria of *routing_name* for buffer type FML

Description A *routing_name* was specified for a DM_REMOTE_SERVICES entry in the DMCONFIG file that does not appear in the DM_ROUTING section, and the standard FML routing function is used (which requires a matching DM_ROUTING entry).

Action Correct and re-load the DMCONFIG file, or provide an application-specific routing function for FML typed buffers.

See Also dmconfig(5)

4032	ERROR: dmroute failed, could not find routing criteria of <i>routing_name</i> for buffer type FML
Description	A <i>routing_name</i> was specified for a DM_REMOTE_SERVICES entry in the DMCONFIG file that does not appear in the DM_ROUTING section, and the standard FML routing function is used (which requires a matching DM_ROUTING entry).
Action	Correct and re-load the DMCONFIG file, or provide an application-specific routing function for FML typed buffers.
See Also	dmconfig(5)
4033	ERROR: dmroute failed, could not find routing criteria of <i>routing_name</i> for buffer type VIEW
Description	A <i>routing_name</i> was specified for a DM_REMOTE_SERVICES entry in the DMCONFIG file that does not appear in the DM_ROUTING section, and the standard VIEW routing function is used (which requires a matching DM_ROUTING entry).
Action	Correct and re-load the DMCONFIG file, or provide an application-specific routing function for VIEW typed buffers.
See Also	dmconfig(5)
4034	ERROR: dmroute failed, could not find routing criteria of <i>routing_name</i> for buffer type VIEW
Description	A <i>routing_name</i> was specified for a DM_REMOTE_SERVICES entry in the DMCONFIG file that does not appear in the DM_ROUTING section, and the standard VIEW routing function is used (which requires a matching DM_ROUTING entry).
Action	Correct and re-load the DMCONFIG file, or provide an application-specific routing function for VIEW typed buffers.
See Also	dmconfig(5)

4035 ERROR: unknown field type used for FML routing

Description During data-dependent routing of an FML typed buffer, an unknown field type was encountered for the routing field. This should not occur during normal system operation.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

4036 ERROR: unknown field type used for VIEW routing

Description During data-dependent routing of a VIEW typed buffer, an unknown field type was encountered for the routing field. This should not occur during normal system operation.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

4037 ERROR: Routing field value for 'service' not valid

Description While doing data-dependent routing on an FML typed buffer for the specified service *service*, the routing field value did not match any of the ranges specified in the routing criteria and the criteria did not contain a wild-card pattern.

Action Make sure the routing field value is valid. Correct the routing criteria in the RANGES value of the DMCONFIG file.

See Also `dmconfig(5)`

4038 ERROR: Routing field value for 'service' not valid

Description While doing data-dependent routing on a VIEW typed buffer for the specified service *service*, the routing field value did not match any of the ranges specified in the routing criteria and the criteria did not contain a wild-card pattern.

Action Make sure the routing field value is valid. Correct the routing criteria in the RANGES value of the DMCONFIG file.

See Also `dmconfig(5)`

4039 ERROR: more than one wild card in entry <i>range</i>	
Description	More than one wild-card (*) range for the <i>short</i> routing data was specified in the data routing entry.
Action	Check your DMCONFIG file for multiple definitions of wild-card ranges for the <i>short</i> routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).
See Also	dmconfig(5)
4040 ERROR: range values out of order <i>upper_range < low_range</i>	
Description	The range values for the <i>short</i> routing data are out of order, that is, the upper range is less than the lower range value.
Action	Check routing range values for the <i>short</i> routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	dmconfig(5)
4041 ERROR: more than one wild card in entry <i>range</i>	
Description	More than one wild-card (*) range for the <i>integer</i> routing data was specified in the data routing entry.
Action	Check your DMCONFIG file for multiple definitions of wild-card ranges for the <i>integer</i> routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).
See Also	dmconfig(5)
4042 ERROR: range values out of order <i>upper_range < low_range</i>	
Description	The range values for the <i>integer</i> routing data are out of order, that is, the upper range is less than the lower range value.
Action	Check routing range values for the <i>integer</i> routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	dmconfig(5)

4043 ERROR: more than one wild card in entry range

Description More than one wild-card (*) range for the *long* routing data was specified in the data routing entry.

Action Check your DMCONFIG file for multiple definitions of wild-card ranges for the *long* routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).

See Also `dmconfig(5)`

4044 ERROR: range values out of order *upper_range* < *low_range*

Description The range values for the *long* routing data are out of order, that is, the upper range is less than the lower range value.

Action Check routing range values for the *long* routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.

See Also `dmconfig(5)`

4045 ERROR: more than one wild card in entry range

Description More than one wild-card (*) range for the *float* routing data was specified in the data routing entry.

Action Check your DMCONFIG file for multiple definitions of wild-card ranges for the *float* routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).

See Also `dmconfig(5)`

4046 ERROR: range values out of order *upper_range* < *low_range*

Description The range values for the *float* routing data are out of order, that is, the upper range is less than the lower range value.

Action Check routing range values for the *float* routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.

See Also `dmconfig(5)`

4047 ERROR: more than one wild card in entry <i>range</i>	
Description	More than one wild-card (*) range for the <i>double</i> routing data was specified in the data routing entry.
Action	Check your DMCONFIG file for multiple definitions of wild-card ranges for the <i>double</i> routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).
See Also	dmconfig(5)
4048 ERROR: range values out of order <i>upper_range</i> < <i>low_range</i>	
Description	The range values for the <i>double</i> routing data are out of order, that is, the upper range is less than the lower range value.
Action	Check routing range values for the <i>double</i> routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	dmconfig(5)
4049 ERROR: more than one wild card in entry <i>range</i>	
Description	More than one wild-card (*) range for the <i>char</i> routing data was specified in the data routing entry.
Action	Check your DMCONFIG file for multiple definitions of wild-card ranges for the <i>char</i> routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).
See Also	dmconfig(5)
4050 ERROR: char range with MAX as lower value has values out of order	
Description	If MAX is specified for the <i>char</i> lower routing range, then its corresponding upper routing range must also be specified as MAX, that is, MAX-MAX: <i>remote_domain_name</i> .
Action	Check the <i>char</i> routing range in the DM_ROUTING section of the DMCONFIG file. If MAX is specified for the lower range, then its corresponding upper range must be MAX.
See Also	dmconfig(5)

4051	ERROR: char range with MIN as upper value has values out of order
Description	If MIN is specified for the <i>char</i> lower routing range, then its corresponding upper routing range must also be specified as MIN, that is, MIN-MIN: <i>remote_domain_name</i> .
Action	Check the <i>char</i> routing range in the DM_ROUTING section of the DMCONFIG file. If MIN is specified for the lower range, then its corresponding upper range must be MIN.
See Also	dmconfig(5)
4052	ERROR: range values out of order <i>upper_range</i> < <i>low_range</i>
Description	The range values for the <i>char</i> routing data are out of order, that is, the upper range is less than the lower range value.
Action	Check routing range values for the <i>char</i> routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	dmconfig(5)
4053	ERROR: more than one wild card in entry <i>range</i>
Description	More than one wild-card (*) range for the <i>string</i> routing data was specified in the data routing entry.
Action	Check your DMCONFIG file for multiple definitions of wild-card ranges for the <i>string</i> routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).
See Also	dmconfig(5)
4054	ERROR: range values out of order for the string routing data
Description	The range values for the <i>string</i> routing data are out of order, that is, the upper range is less than the lower range value.
Action	Check routing range values for the <i>string</i> routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	dmconfig(5)

4055 ERROR: more than one wild card in entry <i>range</i>	
Description	More than one wild-card (*) range for the <i>carray</i> routing data was specified in the data routing entry.
Action	Check your DMCONFIG file for multiple definitions of wild-card ranges for the <i>carray</i> routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).
See Also	dmconfig(5)
4056 ERROR: range values out of order for the <i>carray</i> routing data	
Description	The range values for the <i>carray</i> routing data are out of order, that is, the upper range is less than the lower range value.
Action	Check routing range values for the <i>carray</i> routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	dmconfig(5)
4057 ERROR: more than one wild card in entry <i>range</i>	
Description	More than one wild-card (*) range for the <i>decimal</i> routing data was specified in the data routing entry.
Action	Check your DMCONFIG file for multiple definitions of wild-card ranges for the <i>decimal</i> routing data. Only one wild-card range is allowed per routing entry, and it should be the last (ranges following it will be ignored).
See Also	dmconfig(5)
4058 ERROR: range values out of order for the <i>decimal</i> routing data	
Description	The range values for the <i>carray</i> routing data are out of order, that is, the upper range is less than the lower range value.
Action	Check routing range values for the <i>carray</i> routing data in your DMCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	dmconfig(5)

4059	ERROR: unknown field type given
Description	An unknown field type was specified in the data routing entry.
Action	Check the field types specified in the <code>DM_ROUTING</code> section of the <code>DMCONFIG</code> file.
See Also	<code>dmconfig(5)</code>

4060	ERROR: expected colon to separate remote domain name <i>range</i>
Description	Within a range and a remote domain pair, the range is separated from the remote domain name by a colon (:) in the <code>DM_ROUTING</code> section of the <code>DMCONFIG</code> file.
Action	Check the range and remote domain name specified in the <code>DM_ROUTING</code> section of the <code>DMCONFIG</code> file. A colon (:) is expected to separate the range and the remote domain name.
See Also	<code>dmconfig(5)</code>

4061	ERROR: expected comma after remote domain name <i>domain_name</i>, <i>string</i>
Description	Within a range and a remote domain name pair, a comma (,) is expected after remote domain name in the <code>DM_ROUTING</code> section of the <code>DMCONFIG</code> file.
Action	Check the range and remote domain name specified in the <code>DM_ROUTING</code> section of the <code>DMCONFIG</code> file. A comma (,) is expected after the remote domain name.
See Also	<code>dmconfig(5)</code>

4062	ERROR: expecting keyword MAX
Description	The keyword <code>MAX</code> is expected to indicate the maximum value for the data type of the associated field in the <code>DM_ROUTING</code> section of the <code>DMCONFIG</code> file.
Action	Check the range and the remote domain name specified in the <code>DM_ROUTING</code> section of the <code>DMCONFIG</code> file. The keyword <code>MAX</code> should be specified to indicate the maximum value for the data type of the associated field.
See Also	<code>dmconfig(5)</code>

4063	ERROR: expecting keyword MIN
Description	The keyword MIN is expected to indicate the minimum value for the data type of the associated field in the DM_ROUTING section of the DMCONFIG file.
Action	Check the range and the remote domain name specified in the DM_ROUTING section of the DMCONFIG file. The keyword MIN should be specified to indicate the minimum value for the data type of the associated field.
See Also	dmconfig(5)
4064	ERROR: expecting keyword MIN or MAX
Description	The keyword MAX or MIN is expected to indicate the maximum or minimum value for the data type of the associated field in the DM_ROUTING section of the DMCONFIG file.
Action	Check the range and the remote domain name specified in the DM_ROUTING section of the DMCONFIG file. The keyword MAX or MIN should be specified to indicate the maximum or minimum value for the data type of the associated field.
See Also	dmconfig(5)
4065	ERROR: cannot have a '-' in front of MAX or MIN
Description	The routing range cannot have a '-' sign in front of the MAX or MIN value.
Action	Check the routing data in the DM_ROUTING section of the DMCONFIG file. Remove any '-' sign in front of the MAX or MIN value.
See Also	dmconfig(5)
4066	ERROR: value out of range for a short value
Description	The routing value for a <i>short</i> routing data is out of range.
Action	Check routing range values for the <i>short</i> routing data in the DM_ROUTING section of the DMCONFIG file.
See Also	dmconfig(5)

4067	ERROR: value out of range for an int value
Description	The routing value for an <i>integer</i> routing data is out of range.
Action	Check routing range values for the <i>integer</i> routing data in the DM_ROUTING section of the DMCONFIG file.
See Also	dmconfig(5)
4068	ERROR: value out of range for a long value
Description	The routing value for a <i>long</i> routing data is out of range.
Action	Check routing range values for the <i>long</i> routing data in the DM_ROUTING section of the DMCONFIG file.
See Also	dmconfig(5)
4069	ERROR: cannot have a '-' and a '+' sign in front of a number
Description	The routing range cannot have a '-' and '+' sign in front of a number.
Action	Check the routing range data in the DM_ROUTING section of the DMCONFIG file. If a '-' and a '+' sign are both in front of a number, remove the '+' sign.
See Also	dmconfig(5)
4070	ERROR: cannot have a '-' in front of MAX or MIN
Description	While loading all of the information that is in the BDMCONFIG file into the shared memory, the calling process failed to get a data routing entry. The failure occurred while parsing a range string into data based on the field type information of one of the entries in the DM_ROUTING section of the configuration file. The calling process was unable to create the data routing entry.
Action	Make sure the RANGES parameter in the DM_ROUTING section of the DMCONFIG file is valid. The range strings may not contain a '-' in front of MIN or MAX.
See Also	dmconfig(5)

4071	ERROR: expecting a ' ', '+', '-' or number after 'e/E' in float/double
Description	A " ', '+', '-' or number after 'e' or 'E' is expected for float or double routing values.
Action	Check the routing range values of the float and double in the DM_ROUTING section of the DMCONFIG file.
See Also	dmconfig(5)
4072	ERROR: value out of range for a float <i>value</i>
Description	The routing value for a <i>float</i> routing data is out of range.
Action	Check routing range values for the <i>float</i> routing data in the DM_ROUTING section of the DMCONFIG file.
See Also	dmconfig(5)
4073	ERROR: value out of range for a double <i>value</i>
Description	The routing value for a <i>double</i> routing data is out of range.
Action	Check routing range values for the <i>double</i> routing data in the DM_ROUTING section of the DMCONFIG file.
See Also	dmconfig(5)
4074	ERROR: cannot have a '-' in front of MAX or MIN
Description	The routing range cannot have a '-' and '+' sign in front of the MAX or MIN value.
Action	Check the routing range data in the DM_ROUTING section of the DMCONFIG file. Remove any '-' sign in front of the MAX or MIN value.
See Also	dmconfig(5)
4075	ERROR: expected single quote to begin char routing data <i>value</i>
Description	A single quote (') is expected at the beginning of <i>char</i> routing data.
Action	Check routing range values for the <i>char</i> routing data in the DM_ROUTING section of the DMCONFIG file. A <i>char</i> routing data must begin with a single quote (').
See Also	dmconfig(5)

4076	ERROR: expected single quote to end char routing data value
Description	A single quote (') is expected at the end of <i>char</i> routing data.
Action	Check routing range values for the <i>char</i> routing data in the DM_ROUTING section of the DMCONFIG file. A <i>char</i> routing data must be ended with a single quote (').
See Also	dmconfig(5)
4077	ERROR: cannot have a '-' in front of MAX or MIN
Description	The routing range cannot have a '-' and '+' sign in front of the MAX or MIN value.
Action	Check the routing range data in the DM_ROUTING section of the DMCONFIG file. Remove any '-' sign in front of the MAX or MIN value.
See Also	dmconfig(5)
4078	ERROR: expected single quote for string/carray routing data value
Description	A single quote (') is expected for <i>string</i> and <i>carray</i> routing data.
Action	Check routing range values for the <i>string</i> and <i>carray</i> routing data in the DM_ROUTING section of the DMCONFIG file. The <i>string</i> and <i>carray</i> routing data must be within single quotes (').
See Also	dmconfig(5)
4079	ERROR: not enough string pool space available for routing info
Description	There is not enough routing free string pool space in the shared memory when filling the data section with <i>string</i> and <i>carray</i> data.
Action	This is a system error, contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)

4080	ERROR: cannot have a '-' and a '+' sign in front of a number
Description	The routing range cannot have a '-' and '+' sign in front of a number.
Action	Check the routing range data in the DM_ROUTING section of the DMCONFIG file. If a '-' and a '+' sign are both in front of a number, remove the '+' sign.
See Also	dmconfig(5)
4081	ERROR: cannot have a '-' in front of MAX or MIN
Description	The routing range cannot have a '-' and '+' sign in front of the MAX or MIN value.
Action	Check the routing range data in the DM_ROUTING section of the DMCONFIG file. Remove any '-' sign in front of the MAX or MIN value.
See Also	dmconfig(5)
4082	ERROR: invalid format for decimal
Description	The routing range <i>packed decimal</i> data are specified incorrectly.
Action	Check routing range <i>packed decimal</i> data in the DM_ROUTING section of the DMCONFIG file. The <i>decimal</i> data must be in the correct format.
See Also	dmconfig(5)
4083	ERROR: discovered NULL character in string routing data <i>value</i>
Description	A NULL character is found in the <i>string</i> routing data.
Action	Check the <i>string</i> routing data for NULL characters in the DM_ROUTING section of the DMCONFIG file. A <i>string</i> value is terminated with a NULL character.
See Also	dmconfig(5)

4084	ERROR: Routing field for '<i>routing_field</i>' null
Description	During data-dependent routing for an FML buffer, the specified ' <i>routing_field</i> ' value in the FML buffer was null.
Action	Make sure the routing field is correctly set in the FML buffer.
See Also	dmconfig(5)
4085	ERROR: Field type of buffer does not match routing criteria type
Description	During data-dependent routing of an FML typed buffer, the field type for the routing field didn't match the field type for the typed buffers. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
4086	ERROR: Illegal offset value for <i>routing_field</i>
Description	Data-dependent routing failed for a VIEW buffer because the offset for the routing field is invalid. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
4087	ERROR: Routing field for '<i>routing_field</i>' null
Description	During data-dependent routing for a VIEW buffer, the specified ' <i>routing_field</i> ' value in the VIEW buffer was null.
Action	Make sure the routing field is correctly set in the VIEW buffer.
See Also	dmconfig(5)

4089	ERROR: _dmcf_OLD_open failed: Can't open DM_PASSWORDS section
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM couldn't open the BDMCONFIG file for reading the DM_PASSWORDS section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)
4090	ERROR: _dmcf_OLD_open failed: Can't open DM_PASSWORDS section
Description	When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM couldn't open the BDMCONFIG file for reading the DM_PASSWORDS section.
Action	Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.
See Also	dmconfig(5)
4091	ERROR: Can't add PASSWORD entry into table
Description	When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it couldn't load a PASSWORD into shared memory. This should only occur if the GWADM administrative server couldn't find free space in the existing shared memory segments and it couldn't create additional shared memory segments to add the new entry.
Action	Change the UNIX IPC parameters, if needed, make the new kernel, reboot the machine, and then restart the application.
See Also	dmconfig(5)

4092 ERROR: _dmcf_OLD_open failed: Can't open DM_RESOURCES section

Description When the GWADM server is booted, it requests the configuration for its domain from the DMADM server. The DMADM server then retrieves all the entries from the BDMCONFIG file that are pertinent to this domain. This message indicates that DMADM couldn't open the BDMCONFIG file for reading the DM_RESOURCES section.

Action Make sure that the BDMCONFIG file still exists and is accessible by the DMADM server, and re-start the application.

See Also `dmconfig(5)`

4093 ERROR: Can't add RESOURCES entry into table

Description When the GWADM administrative server is booted, it fetches the configuration information for its domain from the DMADM administrative server. It then loads the entries into shared memory. This message indicates that it couldn't load the DM_RESOURCES info into shared memory. This should only occur if the shared memory is corrupted.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

5 LIBGW Messages

4100-4199

4101 ERROR: _dmcf_OLD_open failed: Can't open DM_RDOMSECS section

Description	The Domain Administrative server detected an internal error. The DM_RDOMSECS section of the bdmconfig file could not be opened.
--------------------	---

Action	This is an internal error with no associated user action. If the message persists, contact your BEA TUXEDO system Technical Support with the exact error message.
---------------	---

See Also	DMADMIN(1)
-----------------	------------

4102 ERROR: _dmcf_OLD_open failed: Can't open DM_RDOMUSR section

Description	The Domain Administrative server detected an internal error. The DM_RDOMUSR section of the BDMCONFIG file could not be opened.
--------------------	--

Action	This is an internal error with no associated user action. If the message persists, contact your BEA TUXEDO system Technical Support with the exact error message.
---------------	---

See Also	DMADMIN(1)
-----------------	------------

6 LIBGW Messages

5000-5099

5000 ERROR: Can't get offset for view *viewname*

Description Cannot get offset for view, *viewname*, in routing entry. Possible causes: 1) the view, *viewname*, is not defined in your environment variable `VIEWFILES`, 2) it doesn't exist, or 3) the `FIELD` specified in the routing section is not defined in the view, *viewname*.

Action Check your environment variables `VIEWFILES` and `VIEWDIR` to see if the view, *viewname*, is defined. Also, check to see if the view file exists under the `VIEWDIR`. Then, check the `FIELD` defined in the `DM_ROUTING` section of the `DMCONFIG` file to see if they are indeed defined in the view files.

See Also `dmconfig(5)`

5001 ERROR: Can't put `FILEDTBLS` into environment

Description The BEA TUXEDO administrative server was unable to reset `FILEDTBLS` in the process's environment using `putenv()`.

Action Make the existing environment smaller by unsetting some unneeded variables (or make environment larger if the operating system allows it) and re-execute the program.

See Also `dmconfig(5)`

5002	ERROR: Environment variable TUXDIR not defined
Description	The BEA TUXEDO administrative server didn't have TUXDIR set in its environment.
Action	Assign a full pathname (starting at /) to the TUXDIR variable.
See Also	dmconfig(5)
5003	ERROR: Can't put FLDTBLDIR into environment
Description	The BEA TUXEDO administrative server was unable to reset FLDTBLDIR in the process's environment using <code>putenv()</code> .
Action	Make the existing environment smaller by unsetting some unneeded variables (or make environment larger if the operating system allows it) and re-execute the program.
See Also	dmconfig(5)
5004	ERROR: Fldid failed(Error=<i>err</i>). Can't find TA_SRVGRP in FIELDTBLS files
Description	The BEA TUXEDO administrative server couldn't find the definition for one of the system fields.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
5005	WARN: pid=<i>pid</i> died leaving SHM locked; cleaning up
Description	A process that was attached to the BB died and holds a user-level semaphore, so the BB is cleaning up.
Action	No action required for BB, but you may want to investigate why the process died.

5006 WARN: Ticket stuck high - retrying

Description While monitoring the integrity of the Bulletin Board, the BBL found a BEA TUXEDO system user-level semaphore with no owner. In addition, another process was waiting to be served. The BBL must therefore become the owner of the semaphore and delegate it to the waiting process. While trying to do so, the BBL failed to lock the Bulletin Board, and will attempt to lock it again.

Action No action required.

5007 WARN: Ticket stuck high - retrying

Description While monitoring the integrity of the Bulletin Board, the BBL found a BEA TUXEDO system user-level semaphore with no owner. In addition, another process was waiting to be served. The BBL must therefore become the owner of the semaphore and delegate it to the waiting process. While trying to do so, the BBL failed to lock the Bulletin Board, and will attempt to lock it again.

Action No action required.

5008 WARN: Ticket stuck high - resetting

Description While monitoring the integrity of the Bulletin Board, the BBL found a BEA TUXEDO system user-level semaphore with no owner. In addition, another process was waiting to be served. The BBL must therefore become the owner of the semaphore and delegate it to the waiting process. The BBL managed to lock the Bulletin Board, transfer the ownership of the semaphore, and adjust the statistics.

Action No action required.

5009 WARN: warning: SHM owned by *pid*, but not locked

Description Either the machine does not have proper atomic increment for the user-level semaphore, or there are too many signals coming to the process too quickly.

Action Contact your BEA TUXEDO system Technical Support.

5010	WARN: SHM lock appears stuck: held by pid=<i>pid</i>
Description	The process has held the lock on the BB for a longer than normal period of time. The process could still be alive, but incorrectly holding the user-level semaphore.
Action	Check the status of the process that is holding the lock. It might be hung, or it is holding the lock for too long a period of time while doing work.
5012	ERROR: Attempted to add a duplicate record with key=<i>key</i> in section <i>section</i>
Description	An attempt to add an entry to a table in shared memory failed because it violated the primary key constraint.
Action	Re-submit the operation with a valid key value for the record.
See Also	dmconfig(5)
5013	ERROR: Can't delete file <i>file</i> in APPDIR used for storing OSITP blob
Description	The GWOSITP process was unable to delete a file it created earlier for storing OSITP BLOB.
Action	Check to make sure that the file still exists. If the file doesn't exist, refrain from deleting files used for saving BLOBS.
See Also	dmconfig(5)
5016	ERROR: Can't open file <i>file</i> in APPDIR for reading OSITP blob
Description	The GWOSITP process was unable to open a file for reading in the APPDIR directory that it created earlier.
Action	Check to make sure that the file still exists. If the file doesn't exist, refrain from deleting files used for saving BLOBS.
See Also	dmconfig(5)

5017 ERROR: Can't read OSITP blob from file *file* in APPDIR

Description The GWOSITP process was unable to read a file in the APPDIR directory that it created earlier.

Action Check to make sure that the file still exists. If the file doesn't exist, refrain from deleting files used for saving BLOBS.

See Also dmconfig(5)

5018 ERROR: Can't get password entry for RDOM=*domain* from shmем

Description When a gateway process establishes a connection with a remote domain, the connecting domain has to pass the security check of the remote domain. If the remote domain is enforcing DM_PW security, then the initiator must have a DM_PASSWORD entry in the BDMCONFIG file corresponding to the remote domain. This message indicates that the password for the remote domain is not available.

Action Execute the dmadm program and add a DM_PASSWORD entry for the remote domain, and then re-establish connection with the remote domain.

See Also dmconfig(5)

5019 ERROR: Can't create more than *num* segments for a domain

Description The GWADM server's attempt to create a shared memory segment failed. There is a fixed upper bound for the number of shared memory segments that can be created by a local domain. If this limit is reached, it means that there have been lots of dynamic insertions for this local domain.

Action By shutting down the application and rebooting it, you can coalesce the shared memory segments.

5020 ERROR: Memory allocation failure	
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc</code> failed while attempting to log a transaction. For the most common types of log records, this will result in the transaction being aborted.
Action	Make sure the operating system parameters are set correctly for the amount of memory on the machine and the amount of memory that can be used by a process. Reduce the memory usage on the machine or increase the amount of physical memory on the machine.
5023 ERROR: Cannot get fieldid for <i>fld</i>	
Description	A system error occurred in getting the field identifier when loading the routing entry into the Bulletin Board.
Action	Check the field tables to see if the field specified in the routing table is defined. Also, check your environment variables <code>FLDTBLDIR</code> and <code>FLDTBLS</code> .
See Also	<code>dmconfig(5)</code>
5024 ERROR: dmroute failed, could not find routing criteria of <i>routing_name</i> for buffer type FML32	
Description	A <i>routing_name</i> was specified for a <code>DM_REMOTE_SERVICES</code> entry in the <code>DMCONFIG</code> file that does not appear in the <code>DM_ROUTING</code> section, and the standard FML32 routing function is used (which requires a matching <code>DM_ROUTING</code> entry).
Action	Correct and re-load the <code>DMCONFIG</code> file, or provide an application-specific routing function for FML32 typed buffers.
See Also	<code>dmconfig(5)</code>

5025	ERROR: dmroute failed, could not find routing criteria of <i>routing_name</i> for buffer type FML32
Description	A <i>routing_name</i> was specified for a DM_REMOTE_SERVICES entry in the DMCONFIG file that does not appear in the DM_ROUTING section, and the standard FML32 routing function is used (which requires a matching DM_ROUTING entry).
Action	Correct and re-load the DMCONFIG file, or provide an application-specific routing function for FML32 typed buffers.
See Also	dmconfig(5)

5026	ERROR: Routing field for '<i>routing_field</i>' null
Description	During data-dependent routing for an FML32 buffer, the specified ' <i>routing_field</i> ' value in the FML32 buffer was null.
Action	Make sure the routing field is correctly set in the FML32 buffer.
See Also	dmconfig(5)

5027	ERROR: Field type of buffer does not match routing criteria type
Description	During data-dependent routing of an FML32 typed buffer, the field type for the routing field didn't match the field type for the typed buffers. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)

5028	ERROR: unknown field type used for FML32 routing
Description	During data-dependent routing of an FML32 typed buffer, an unknown field type was encountered for the routing field. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	dmconfig(5)

5029 ERROR: Routing field value for '<i>service</i>' not valid	
Description	While doing data-dependent routing on an FML32 typed buffer for the specified service <i>service</i> , the routing field value did not match any of the ranges specified in the routing criteria and the criteria did not contain a wild-card pattern.
Action	Make sure the routing field value is valid. Correct the routing criteria in the RANGES value of the DMCONFIG file.
See Also	dmconfig(5)
5030 ERROR: Can't add REMOTE SECURITY MAP (RDOMSEC) entry into table	
Description	The Gateway Administrative server detected an internal error during initialization. An internal function call returned a failure trying to add an entry to the RDOMSEC table in shared memory.
Action	This is an internal error with no associated user action. If the message persists, contact your BEA TUXEDO system Technical Support with the exact error message.
See Also	GWADM(5)
5031 ERROR: Can't add REMOTE USER (RDOMUSR) entry into table	
Description	The Gateway Administrative server detected an internal error during initialization. An internal function call returned a failure trying to add an entry to the RDOMUSR table in shared memory.
Action	This is an internal error with no associated user action. If the message persists, contact your BEA TUXEDO system Technical Support with the exact error message.
See Also	GWADM(5)

5035 ERROR: Can't add RSEC entry into table

Description The Gateway Administrative server detected an internal error. An internal function call returned a failure trying to add an entry to the RSEC table in shared memory.

Action This is an internal error with no associated user action. If the message persists, contact your BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

5036 ERROR: Can't add RSEC entry into table

Description The Gateway Administrative server detected an internal error. An internal function call returned a failure trying to add an entry to the RSEC table in shared memory.

Action This is an internal error with no associated user action. If the message persists, contact your BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

5037 ERROR: Can't add PRINAPPKEY entry into table

Description The Gateway Administrative server detected an internal error. An internal function call returned a failure trying to add an entry to the PRINAPPKEY table in shared memory.

Action This is an internal error with no associated user action. If the message persists, contact your BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

5038 ERROR: Can't setup links from RSEC table to RDOMSEC entries

Description The Domain Gateway library software detected an error while trying to initialize the Gateway Administrative server. The process was unable to set up the links to the shared memory table for the remote domain.

Action This is an internal error with no associated user action. If the error persists, contact your BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

5039 ERROR: Can't setup principal-appkey mappings

Description The Domain Gateway library software detected an error while trying to initialize the Gateway Administrative server. The process was unable to set up the principal-appkey mappings.

Action This is an internal error with no associated user action. If the error persists, contact your BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

5040 ERROR: Can't setup links from RSEC table to RDOMUSR entries

Description The Domain Gateway library software detected an error while trying to initialize the Gateway Administrative server. The process was unable to set up the links to the shared memory table for the remote domain.

Action This is an internal error with no associated user action. If the error persists, contact your BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

5041 ERROR: Can't get VIEW32 offset for view *type*

Description The Domain Gateway library software detected an error while trying to initialize the Gateway Administrative server. An internal function call returned an error. The process was unable to get the offset for *type*.

Action This is an internal error with no associated user action. If the error persists, contact your BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

7 LIBGW Messages

5200-5299

5200 WARN: Transaction became HEURISTIC HAZARD

Description	The Domains Gateway library software detected this condition while trying to process a commit operation. This messages indicates that the transaction is in a <code>HEURISTIC HAZARD</code> state. This is a warning message to alert the user that the transaction may be out of synchronization.
--------------------	--

Action	Review the transaction log for the transaction and attempt to determine the cause for the indicated condition.
---------------	--

See Also	<code>tpcommit(3c)</code>
-----------------	---------------------------

5201 WARN: Transaction became HEURISTIC MIX

Description	The Domains Gateway library software detected this condition while trying to process a commit operation. This messages indicates that the transaction is in a <code>HEURISTIC MIX</code> state. This is a warning message to alert the user that the transaction may be out of synchronization.
--------------------	---

Action	Review the transaction log for the transaction and attempt to determine the cause for the indicated condition.
---------------	--

See Also	<code>tpcommit(3c)</code>
-----------------	---------------------------

5202 WARN: Transaction returning HEURISTIC HAZARD result	
Description	The Domains Gateway library software detected this condition while trying to process a TMS_DONE event. This messages indicates that the transaction is in a HEURISTIC HAZARD state. This is a warning message to alert the user that the transaction may be out of synchronization.
Action	Review the transaction log for the transaction and attempt to determine the cause for the indicated condition.
See Also	tpcommit(3c)
5203 WARN: Transaction returning HEURISTIC MIX result	
Description	The Domains Gateway library software detected this condition while trying to process a TMS_DONE event. This messages indicates that the transaction is in a HEURISTIC MIX state. This is a warning message to alert the user that the transaction may be out of synchronization.
Action	Review the transaction log for the transaction and attempt to determine the cause for the indicated condition.
See Also	tpcommit(3c)
5204 ERROR: Invalid action <i>action</i> specified	
Description	The Domains Gateway library software detected an internal error while trying to schedule an action to be processed. The action specified is not a valid action.
Action	This is an internal error with no associated user action. If the error persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	tpstrerror(3c)

5205 ERROR: Maximum action table size(max size) reached

Description	The Domains Gateway library software detected an internal error while trying to schedule an action to be processed. The action table has reached the maximum size allowable <i>max size</i> .
Action	This is an internal error with no associated user action. If the error persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	tpstrerror(3c)

5206 ERROR: No more memory available to expand action table

Description	The Domains Gateway library software detected an internal error while trying to schedule an action to be processed. The action table cannot be expanded due to the lack of virtual memory.
Action	Attempt to identify and stop any extraneous processes to free up virtual memory on your system.
See Also	tpstrerror(3c)

5207 ERROR: Program limit exceeded, terminate Domain Gateway process

Description	The Domains Gateway library software detected an internal error while trying to schedule an action to be processed. The action table has reached the maximum size allowable and the maximum number of failures of this type has been reached.
Action	Shutdown the failed Domains Gateway process and then restart it to clear the error condition.
See Also	tpstrerror(3c)

5208 ERROR: Unable to recover, terminate Domain Gateway process

Description	The Domains Gateway library software detected an internal error while trying to schedule an action to be processed. The maximum number of scheduling failures has been reached and the process cannot recover.
Action	Shutdown the failed Domains Gateway process and then restart it to clear the error condition.
See Also	tpstrerror(3c)

5209 ERROR: _dmcf_OLD_open failed: Can't open DM_SNADOM section	
Description	The Domains Administrative server detected an internal error during initialization. The DM_SNADOM section of the BDMCONF IG file could not be opened.
Action	This is an internal error with no associated user action. If the message persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	dmadmin(1)
5210 ERROR: _dmcf_OLD_open failed: Can't open DM_RDOMSEC section	
Description	The Domains Administrative server detected an internal error during initialization. The DM_RDOMSEC section of the BDMCONF IG file could not be opened.
Action	This is an internal error with no associated user action. If the message persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	dmadmin(1)
5211 ERROR: _dmcf_OLD_open failed: Can't open DM_RDOMUSR section	
Description	The Domains Administrative server detected an internal error during initialization. The DM_RDOMUSR section of the BDMCONF IG file could not be opened.
Action	This is an internal error with no associated user action. If the message persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	dmadmin(1)

5212	ERROR: Can't add SNADOM entry into table
Description	The Gateway Administrative server detected an internal error during initialization. An internal function call returned a failure trying to add an entry to the SNADOM table in shared memory.
Action	This is an internal error with no associated user action. If the message persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	GWADM(5)
5213	ERROR: _dmcf_OLD_open failed: Can't open DM_SNADOM section
Description	The Domains Administrative server detected an internal error during initialization. The DM_SNADOM section of the BDMCONFIG file could not be opened.
Action	This is an internal error with no associated user action. If the message persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	dmadmin(1)
5214	ERROR: Unable to determine license level
Description	An error occurred while retrieving the current license attributes.
Action	Check the log for prior messages indicating the cause of the problem. Normally, it means that the product has not been licensed properly.
5215	WARN: Domain compression configured for <i>val</i>, but no license available
Description	You do not have a license to use Domains compression.
Action	Purchase a license for Domains compression.
5216	ERROR: Unable to determine license level
Description	An error occurred while retrieving the current license attributes.
Action	Check the log for prior messages indicating the cause of the problem. Normally, it means that the product has not been licensed properly.

5217	ERROR: Domain compression configured for <i>val</i>, but no license available
Description	You do not have a license to use Domains compression.
Action	Purchase a license for Domains compression.
5218	ERROR: Unable to determine license level
Description	An error occurred while retrieving the current license attributes.
Action	Check the log for prior messages indicating the cause of the problem. Normally, it means that the product has not been licensed properly.
5219	ERROR: Domain compression configured for <i>val</i>, but no license available
Description	You do not have a license to use Domains compression.
Action	Purchase a license for Domains compression.
5220	WARN: Domain svc advertising can only be done with <code>dmadmin</code>
Description	You attempted to dynamically advertise a domain service via <code>tadmin</code> . This is only allowed via <code>dmadmin</code> .
Action	Use <code>dmadmin</code> to advertise the remote domain service.
See Also	<code>dmadmin(1)</code>
5221	ERROR: Can't add <i>name</i> entry into table <i>table</i>. (IC=<i>code</i>)
Description	An error was encountered by the Gateway Administrative Server (GWADM) while building shared memory tables during server initialization. Entry <i>name</i> could not be added to the shared memory table <i>table</i> . The value of <i>code</i> is an internal error code used for diagnosis.
Action	This is an internal error with no associated user action. If the error persists, contact BEA TUXEDO system Technical Support with the exact error message.
See Also	GWADM(5)

5222 ERROR: _dmcf_OLD_open failed: Can't open section *section*. (IC=*code*)

Description An error was encountered by the Domains Administrative Server (DMADM) while attempting to open the BDMCONFIG file. The section *section* could not be opened. The sections of the BDMCONFIG may be unreadable due to corruption of the BDMCONFIG file. The value of *code* is an internal error code used for diagnosis.

Action Attempt to unload the BDMCONFIG file using `dmunloadcf(1)`. If the BDMCONFIG file is corrupted, it may be necessary to rebuild the BDMCONFIG file using `dmloadcf(1)`

See Also DMADM(5), `dmloadcf(1)`, `dmunloadcf(1)`

5223 ERROR: Can't setup links from *name* entry to *name* entry. (IC=*code*)

Description An error was encountered by the Domains Administrative Server (DMADM) while linking shared memory tables during server initialization. The names entries could not be linked in shared memory. The value of *code* is an internal error code used for diagnosis.

Action This is an internal error with no associated user action. If the error persists, contact BEA TUXEDO system Technical Support with the exact error message.

See Also GWADM(5)

5224 ERROR: Bad conversational sequence number

Description The Domains Gateway encountered a problem while processing a conversational message. The conversational message was received in the incorrect order.

Action This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

See Also GWADM(5)

5225 ERROR: Recovery cannot insert log record blob	
Description	The Domains Gateway detected an error during warmstart processing. The Domains Gateway was unable to restore the Network transaction blob in shared memory during transaction recovery. This can occur because either an internal pointer was corrupted, the shared memory lock could not be obtained, or storage could not be obtained.
Action	This is an internal processing error with no associated user action. If the problem persists, then contact BEA TUXEDO system Technical Support.
5226 ERROR: Memory allocation failure, size(<i>bytes</i>)	
Description	A Domains Gateway process detected an error during initialization processing. The gateway process was unable to allocate memory for the gateway information data structure.
Action	Shut down unused applications, and reboot the Gateway.
5227 ERROR: Cannot get Local Domain from shared memory	
Description	A Domains Gateway process detected an error during initialization processing. The gateway process was unable to retrieve local domain definition information from shared memory. This can occur if there is another process holding the shared memory lock, or if the record is missing from shared memory.
Action	Ensure that the Local Domain definition in the <code>dmconfig(5)</code> file is correct. If the problem persists, contact BEA TUXEDO system Technical Support.
See Also	<code>dmconfig(5)</code>
5228 ERROR: Cannot get Local Domain ID from shared memory	
Description	A Domains Gateway process detected an error during initialization processing. The gateway process was unable to retrieve local domain identification information from shared memory. This can occur if there is another process holding the shared memory lock, or if the record is missing from shared memory.
Action	Ensure that the Local Domain identification definition (<code>DOMAINID</code>) in the <code>dmconfig(5)</code> file is correct. If the problem persists, contact BEA TUXEDO system Technical Support.

5229 ERROR: Can't release domain shared memory lock

Description The Gateway Administrative Server (GWADM) encountered an error while checking for transaction log requests. The GWADM process was unable to release the Domains Gateway shared memory lock.

Action This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

See Also GWADM(5)

5230 ERROR: Cannot get shmем lock, failed to clear the old events

Description The Domains Gateway Server encountered an error during initialization processing. The Gateway process was unable to obtain the Domains Gateway shared memory lock.

Action This is an internal error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

5231 ERROR: Can't get domain shared memory lock

Description The Gateway Administrative Server (GWADM) encountered an error while checking for transaction log requests. The GWADM process was unable to obtain the Domains Gateway shared memory lock.

Action This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

5232 ERROR: Cannot access Domain log table

Description The Domains Gateway process encountered an error during initialization processing. The Gateway process was unable to access the Domains Gateway transaction log table in shared memory.

Action This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

5233 ERROR: Recovery cannot set branch state for domain <i>domain name</i>	
Description	The Domains Gateway process encountered an error during warmstart processing. The Gateway process for domain <i>domain name</i> failed to set a transaction branch to a known state during transaction recovery. This can be caused by failing to get the shared memory lock, by reaching the maximum number of remote domains that can be involved in one transaction, or by reaching the maximum number of transactions allowed for this Domains Gateway.
Action	Make sure that the MAXTRAN, and the MAXRDTRAN parameters in the dmconfig(5) file are set appropriately for your application. If the problem persists, contact BEA TUXEDO system Technical Support.
See Also	dmconfig(5)
5234 INFO: Warmstart processing transaction as coordinating domain	
Description	This is an informational message indicating that the Domains Gateway process is the transaction coordinator during warmstart processing. The Domains Gateway is recovering transactions from the Domain transaction log. For the transaction identified as part of the userlog(3c) message, the Domains Gateway is the coordinator of the transaction.
Action	No action required, this is an informational message.
See Also	userlog(3c)
5235 INFO: Warmstart processing transaction as subordinate to domain <i>domain name</i>	
Description	This is an informational message indicating that the Domains Gateway process is subordinate to domain <i>domain name</i> during warmstart processing. The Domains Gateway is recovering transactions from the Domain transaction log. For the transaction identified as part of the userlog(3c) message, the Domains Gateway is subordinate to coordinator domain <i>domain name</i> .
Action	No action required, this is an informational message.
See Also	userlog(3c)

5236 ERROR: Can't get domain shared memory lock

Description The Gateway Administrative Server (GWADM) encountered an error while writing a transaction log record. The Gateway process was unable to obtain the shared memory lock.

Action This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

See Also GWADM(5)

5237 ERROR: Can't release domain shared memory lock

Description The Gateway Administrative Server (GWADM) encountered an error while writing a transaction log record. The Gateway process was unable to obtain the shared memory lock.

Action This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

See Also GWADM(5)

5238 ERROR: Can't release domain shared memory lock

Description The Gateway Administrative Server (GWADM) encountered an error while checking for log requests. The Gateway process was unable to obtain the shared memory lock.

Action This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

See Also GWADM(5)

5239 ERROR: Can't release domain shared memory lock	
Description	The Gateway Administrative Server (GWADM) encountered an error while checking for log requests. The Gateway process was unable to release the shared memory lock.
Action	This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.
See Also	GWADM(5)
5240 INFO: Domain log page <i>page</i> skipped, header chksum didn't match	
Description	The Gateway Server encountered a problem during warmstart processing. The Gateway process was unable to process the log page <i>page</i> due to a checksum error.
Action	This is an informational message with no associated user action.
5241 WARNING: Can't send log request to GWADM. Performance may suffer	
Description	Can't send log request to GWADM.
Action	None. The GWADM will still periodically (every 100ms) check for log requests on the log list. This may result in slower performance, since the log write will not occur until the next time the GWADM checks the log list.
5242 WARNING: Can't send log ind to gateway. Performance may suffer	
Description	Can't send log indication to gateway.
Action	None. The gateway will still periodically (every 100ms) check for log indications on the logged list. This may result in slower performance, since the gateway will not continue processing that transaction until the next time the gateway checks the logged list.
5243 WARNING: Can't send log ind to gateway. Performance may suffer	
Description	Can't send log indication to gateway.
Action	None. The gateway will still periodically (every 100ms) check for log indications on the logged list. This may result in slower performance, since the gateway will not continue processing that transaction until the next time the gateway checks the logged list.

5244 ERROR: Invalid sendlist error	
Description	The Gateway Server encountered a problem during transaction processing.
Action	This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

5245 ERROR: Failed to set non-blocking priority for TMS request	
Description	While attempting to send a TMS message, a Domains gateway process was unable to increase the priority of a non-blocking request. By itself, this failure will not result in any incorrect operation other than a possible minor performance degradation. However, it may be symptomatic of problems elsewhere in the system, since this call should not normally fail.
Action	This is an internal processing error with no associated user action. If the problem persists, contact BEA TUXEDO system Technical Support.

5246 ERROR: Cannot send to service TMS due to error <i>error</i>	
Description	The Domains Gateway was managing a transaction and had attempted to send a message to a TMS service via a <code>tpacall</code> , and that call failed. The string value displayed in the message identifies the value of <code>tperno</code> returned by <code>tpacall</code> .
Action	A possible cause for this error may be that the TMS process has terminated for some reason. Please check and ensure that all TMS processes are running. If further assistance is needed, contact the BEA TUXEDO Administrator.

5247 Precommit found an invalid transaction state <i>sname</i>	
Description	The BEA TUXEDO system was precommitting a transaction. The transaction state was not one of the states expected.
Action	If the problem persists, contact BEA TUXEDO system Technical Support.

5248 ERROR: Precommit found invalid state group <i>gname</i> state <i>sname</i>	
Description	The BEA TUXEDO system was precommitting a transaction. The transaction state was not one of the states expected.
Action	If the problem persists, contact BEA TUXEDO system Technical Support.
5250 WARN: multiple RDOMs not allowed on REMOTE_SERVICES in ON_DEMAND mode	
Description	When the CONNECTION_POLICY is not set in the DM_LOCAL_DOMAINS entry, or is set to ON_DEMAND, multiple RDOMs are not allowed on a DM_REMOTE_SERVICES entry. If multiple RDOMs are specified, only the first one will be used. Multiple RDOMs allow you to specify Domains-level failover, for which a comma-separated list of RDOMs can be specified. The first RDOM in the list is the primary remote domain; the second and third are alternates.
Action	If Domains-level failover/failback is desired, you must set the CONNECTION_POLICY to either ON_STARTUP or INCOMING_ONLY. If Domains-level failover/failback is not desired, you can continue to run the gateway as is (the first RDOM will be used), or modify the <code>dmconfig</code> file to specify a single RDOM for the DM_REMOTE_SERVICES entry.
5252 INFO: Stopped retrying domain (domainid=<i>domainid</i>)	
Description	The gateway has exhausted the retry limit for the indicated remote domain. The retry limit is specified by MAXRETRY in the DM_LOCAL_DOMAINS section. The gateway will no longer automatically retry to establish a connection to the remote gateway.
Action	When you are ready to attempt to establish a connection, you can use the <code>dmadmin connect</code> command. If the connection attempt fails, the gateway will go back to retry mode. If you do not want to establish a connection, or if you want the remote domain to establish the connection, no action is required.