



THE ENTERPRISE MIDDLEWARE SOLUTION

BEA TUXEDO

System Messages

LIBTUX Catalog

BEA TUXEDO Release 6.5
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1 LIBTUX Messages

200-299

200	ERROR: Invalid service information given
Description	The service requested to be unadvertised is invalid.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	<code>tpunadvertise(3c)</code>
201	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed.
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.
202	ERROR: No bulletin board
Description	The process is currently not attached to the Bulletin Board so the service cannot be offered.
Action	Contact your BEA TUXEDO system Technical Support.

203	ERROR: Invalid service information given, NULL name
Description	Function called without proper parameters - null service to offer.
Action	Contact your BEA TUXEDO system Technical Support.
205	ERROR: Invalid service information given, function name too long
Description	Function called with improper parameters - function name too long.
Action	Contact your BEA TUXEDO system Technical Support.
206	ERROR: Invalid service information given, bad function address
Description	Function called with improper parameters - function address cannot be found.
Action	Contact your BEA TUXEDO system Technical Support.
210	ERROR: tmbbclean failed, couldn't find DBBL
Description	Could not find structures/information associated with the DBBL.
Action	Contact your BEA TUXEDO system Technical Support.
211	ERROR: tmbbclean failed, couldn't find BBL
Description	Could not find structures/information associated with the BBL.
Action	Contact your BEA TUXEDO system Technical Support.
212	ERROR: tmbbclean failed, message send/receive error
Description	Sending of message to the BBL/DBBL to clean up and check status of local Bulletin Board failed.
Action	Check prior messages or check if message queue is blocked. If queue is blocked, system usage could be heavy and parameters may need to be tuned.

213	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while allocating space to store <code>tmids</code> .
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.
216	WARN: Process <i>pid</i> died; removing from BB
Description	The process that was attached to the BB died, so the BB is cleaning up.
Action	No action required for BB, but you may want to investigate why the process died.
217	WARN: <i>pid=pid</i> died leaving BB locked; cleaning up
Description	The 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.
218	ERROR: Error cleaning BB owner
Description	An error occurred in cleaning up after a dead process. Either the slot could not be found, or a prior message indicates a semaphore error.
Action	Contact your BEA TUXEDO system Technical Support.
219	WARN: BB owned by <i>pid</i>, 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.

220	WARN: BB 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. There could be a problem with the process (hung), or the process is holding the lock for too long a period of time while doing work.
221	ERROR: Error putting ENVFILE filename into environment
Description	The server could not process the ENVFILE properly. This includes not being able to find, open, or read it.
Action	Check the path of ENVFILE, and the permissions and owner of the file.
See Also	<code>ubbconfig(5)</code>
222	ERROR: Cannot get service parms for <i>server</i>
Description	The server could not process the parameters for a service specified in the TUXCONFIG file. This includes a problem with loading the information from the SERVICES section, or not understanding some of the parameters (for example, buffer types.)
Action	Check the SERVICES section of the UBBCONFIG file for correct parameters.
See Also	<code>ubbconfig(5)</code>
223	WARN: Duplicate server
Description	An instantiation of this server already exists and this is a duplicate. It will exit gracefully.
Action	Check that the server that you wish to start is correct. If the server died unexpectedly or is hung, the process needs to be killed if hung, and the bulletin board must be given time to clean up after the killed process before starting the server again.

226	ERROR: Type switch buffer initialization routine _tminitbuf failure
Description	A failure occurred when calling the initialization routine for the particular type switch buffer.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	<code>buffer(3c)</code> , <code>tuxtypes(5)</code> , <code>typesw(5)</code>
228	ERROR: Type switch buffer reinitialization routine _tmreinitbuf failure
Description	A failure occurred when calling the reinitialization routine for the particular type switch buffer.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	<code>buffer(3c)</code> , <code>tuxtypes(5)</code> , <code>typesw(5)</code>
229	ERROR: Type switch buffer uninitialization routine _tmuninitbuf failure
Description	A failure occurred when calling the uninitialization routine for the particular type switch buffer.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	<code>buffer(3c)</code> , <code>tuxtypes(5)</code> , <code>typesw(5)</code>
230	ERROR: Buffer type tables not available
Description	The process is currently not attached to the Bulletin Board so it could not access the type switch table.
Action	Contact your BEA TUXEDO system Technical Support.
236	ERROR: Remote tmnkill timed out count secs
Description	The process tried to signal a remote process, and a message was sent to the bridge process on the remote side to perform the fill for it. The reply to indicate the success/failure of the operation did not return before the operation timed out.
Action	This timeout could be a sign of network congestion, but is not a specific network failure, other than the operation did not return in time. If the network is not a problem, then the timeout is too small for the speed with which the signal request can be met.

237	ERROR: semctl err: errno = <i>errno_val</i>, key = <i>key_val</i>
Description	The <code>semctl()</code> call failed. This is possibly due to the semaphore set being removed or differing permissions on the semaphore.
Action	The semaphore set was somehow removed. If this does happen, the system will eventually fail. Contact your BEA TUXEDO system Technical Support.
245	WARN: Invalid LMID specification: PMID=<i>mid</i>
Description	An erroneous LMID has been specified and an attempt to locate it has failed.
Action	Check and edit the <code>UBBCONFIG</code> file such that all specified LMIDs reference the correct machine.
See Also	<code>ubbconfig(5)</code>
248	ERROR: System init function failed, Uunixerr = <i>errno_val</i>
Description	The server has failed to join the application.
Action	See surrounding messages for reasons for failure to join.
See Also	<code>buildserver(1)</code> , <code>servopts(5)</code>
250	ERROR: tpsvrinit() failed
Description	A call to <code>tpsvrinit()</code> failed. This may easily be caused by an application-defined <code>tpsvrinit</code> function returning failure.
Action	Check prior specific <code>tpsvrinit()</code> messages or the application specific messages.
See Also	<code>tpsvrinit(3c)</code>

251	ERROR: tpsvrinit() failed with outstanding message handles
Description	A call to <code>tpsvrinit()</code> , although returning success, failed to receive all outstanding reply messages and therefore has outstanding handles. This is probably caused by an application-defined <code>tpsvrinit</code> function.
Action	Check prior specific <code>tpsvrinit()</code> messages or the application specific messages.
See Also	<code>tpsvrinit(3c)</code>
252	WARN: Cannot synchronize with tmboot...continuing
Description	The connection with <code>tmboot</code> was lost by the forking process. If on the same node where <code>tmboot</code> is running, the pipe with <code>tmboot</code> was lost and may be due to the <code>tmboot</code> process being killed. If on a remote node, the pipe to the <code>TAGENT</code> process was lost, which may be due to the <code>TAGENT</code> process being killed.
Action	No action required, although the cause of <code>tmboot/TAGENT</code> dying should be investigated if not known.
See Also	<code>tmboot(1)</code>
253	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while copying the arguments to <code>CLOPT</code> as the server tries to join the application.
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.
254	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while copying the arguments to <code>CLOPT</code> as the server tries to join the application.
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.

255	INFO: Duplicate -A option ignored
Description	Multiple -A options were specified to the server in the CLOPT line of the UBBCONFIG file.
Action	Check the CLOPT option in the configuration file.
See Also	ubbconfig(5), servopts(5)
256	WARN: Queue address must be numeric
Description	The queue address, as specified to the server through the -Q option of CLOPT, is non-numeric.
Action	Check the address specified for the -Q option in the configuration file.
See Also	ubbconfig(5), servopts(5)
257	WARN: Invalid lock argument, setting to PROCLOCK
Description	The lock argument, as specified to the server through the -l option in CLOPT, is invalid. It must be one of “‘t’ (TEXTLOCK),” “‘d’ (DATALOCK),” ‘b’ or “‘p’ (PROCLOCK).” The argument is ignored and is set to ‘p’ for PROCLOCK.
Action	Check the lock argument for the -l option in CLOPT in the configuration file.
See Also	ubbconfig(5), servopts(5) in the System/T reference manual, plock(2) in UNIX system reference manuals

258	WARN: Memory lock plock() failed
Description	An attempt to lock the process in core has failed. This was requested by setting the lock option, -l, on the CLOPT option to the server in the configuration file. The error can occur when the server not being run as super-user, the requested lock is already on the process, or the system is out of memory.
Action	Make sure the server is being started as super-user (and that the tmboot process is running as super-user). If the application can run its own code (tpsvrinit ()) first, it might also have put a lock on the process.
See Also	ubbconfig(5), servopts(5) in the System/T reference manual, plock(2) in UNIX system reference manuals
259	WARN: nice() failed
Description	An attempt to change the priority of the process has failed. This was requested by setting the -n option on the CLOPT option to the server in the configuration file. This can be caused by the option to -n being negative or greater than 39, and not super-user.
Action	Check that the argument to the -e option of CLOPT is correct in the configuration file.
See Also	ubbconfig(5), servopts(5) in the System/T reference manual, nice(2) in UNIX system reference manuals
260	WARN: Cannot open <i>path</i> as stderr, Uunixerr = <i>Unixerr</i>
Description	An attempt to open the file for stderr failed. This file may have been specified by the -e option on the CLOPT option to the server in the configuration file. This can be caused by the inability to access the path given as the argument to the -e option.
Action	Check that the argument to the -e option of CLOPT is correct in the configuration file.
See Also	ubbconfig(5), servopts(5)

261	WARN: Cannot open <i>path</i> as stdout: Uunixerr = <i>Uunixerr</i>
Description	An attempt to open the file for stout failed. This file may have been specified by the -o option on the CLOPT option to the server in the configuration file. This can be caused by the inability to access the path given as the argument to the -o option.
Action	Check that the argument to the -o option of CLOPT is correct in the configuration file.
See Also	ubbconfig(5), servopts(5)
262	INFO: Standard main starting
Description	The arguments have been successfully processed, and joining the application will continue.
Action	No action required.
263	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using malloc () failed while setting up buffers to advertise the services of the application as the server tries to join the application.
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.
264	ERROR: Cannot set server group/id
Description	This cannot happen because code changed to use a local variable, not a passed-in variable.
Action	Contact your BEA TUXEDO system Technical Support.
267	INFO: Duplicate advertisement of service <i>svcname</i> ignored
Description	A request to advertise the same service a second time is ignored.
Action	Check the configuration file for multiple occurrences of the service on the -s option.
See Also	ubbconfig(5), servopts(5)

268	ERROR: Failed to stop serving
Description	The server did not properly shut down.
Action	There may be prior messages to describe the problem. In any case, the BBL should clean up after the process.
270	ERROR: Restart sync error <i>errno</i>
Description	An internal error occurred during a restart of a process. An acknowledgment that the process was restarted was never received.
Action	Contact your BEA TUXEDO system Technical Support.
271	ERROR: System lock semop failure, key = <i>key</i> (<i>errno</i> = <i>errno</i>)
Description	In an attempt to lock the bulletin board, a call to semop(2) failed.
Action	Examine the value returned in the UNIX System <i>errno</i> , and attempt to fix the problem described by the <i>errno</i> . If unable to do so, contact your BEA TUXEDO system Technical Support.
272	ERROR: System unlock semop failure, key = <i>key</i> (<i>errno</i> = <i>errno</i>)
Description	In an attempt to unlock the bulletin board, a call to semop(2) failed.
Action	Examine the value returned in the UNIX System <i>errno</i> and attempt to fix the problem described by the <i>errno</i> . If unable to do so, contact your BEA TUXEDO system Technical Support.
294	ERROR: <i>function</i>: FSCONFIG not or incorrectly set
Description	The variable FSCONFIG is either not set or has been incorrectly set.
Action	Check and edit the UBBCONFIG file and make sure the FSCONFIG environment variable is set correctly.
See Also	ubbconfig(5)
295	ERROR: <i>funcname</i>: corrupted VTOC or different release
Description	An attempt to access the VTOC has failed because the existing VTOC has either been corrupted or was created by a different release of the TUXEDO System.
Action	Contact your BEA TUXEDO system Technical Support.

296	ERROR: <i>funcname</i>: VTOC not initialized
Description	An attempt to access the VTOC has failed because the existing VTOC has not been properly initialized.
Action	Contact your BEA TUXEDO system Technical Support.
297	ERROR: <i>funcname</i>: no space can be allocated for disk table or for VTOC/UDL
Description	An attempt to allocate space within the VTOC has failed because there are no more available slots.
Action	Contact your BEA TUXEDO system Technical Support.
298	ERROR: <i>funcname</i>: Read beyond initialized file boundary.
Description	An attempt to access information in the VTOC has failed because the read has gone past the set boundaries of the VTOC.
Action	Contact your BEA TUXEDO system Technical Support.
299	ERROR: <i>funcname</i>: Write beyond initialized file boundary.
Description	An attempt to write information to the VTOC has failed because the write has gone past the set boundaries of the VTOC.
Action	Contact your BEA TUXEDO system Technical Support.

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300	ERROR: <i>funcname</i> : UNIX sys call error - <i>errno_val</i>
Description	An attempt to access the VTOC through a system call such as <code>open(2)</code> , <code>lseek(2)</code> , <code>read(2)</code> , <code>write(2)</code> , <code>stat(2)</code> , or <code>unlink(2)</code> has failed because the system call returned the <i>errno</i> indicated in the message.
Action	Contact your BEA TUXEDO system Technical Support.
301	ERROR: <i>funcname</i> : cannot free space
Description	An attempt to free space that was allocated in the VTOC has failed because there are no more available VTOC map entries.
Action	Contact your BEA TUXEDO system Technical Support.
302	ERROR: <i>funcname</i> : bad table name specified
Description	An error occurred while either creating a new table entry or accessing an existing table entry in the VTOC. If the error occurred while attempting to create a table, either the table name already exists, or the name has a length of 0 or is greater than the allowable table name size (<code>GP_LOGICAL_NAME</code>). If the error occurred while attempting to access an existing table, either the name doesn't exist, or the name has a length of 0 or is greater than the allowable table name size.
Action	Contact your BEA TUXEDO system Technical Support.

303	ERROR: <i>funcname</i>: invalid arguments or request to function
Description	An error occurred because the indicated function was invoked with invalid arguments.
Action	Contact your BEA TUXEDO system Technical Support.
304	ERROR: <i>funcname</i>: bad device name or index specified
Description	An attempt to access a device has failed because the name used was either of length 0 or was longer than the allowable length of GP_LOGICAL_NAME.
Action	Contact your BEA TUXEDO system Technical Support.
305	ERROR: <i>funcname</i>: attempt to create overlapping devices
Description	An error has occurred because of an overlap in devices. An overlap occurs if the new device begins before the old device ends and the new device ends after the old device begins.
Action	Contact your BEA TUXEDO system Technical Support.
306	ERROR: <i>funcname</i>: no entry remains to create device or table or open table
Description	An attempt to either create a device or table, or open a table has failed because there are no more available slots in the device list.
Action	Contact your BEA TUXEDO system Technical Support.
308	ERROR: <i>funcname</i>: bad device type (not character special or regular)
Description	An attempt to create a disk entry has failed because an invalid device type has been specified. The only two available device types are character special and regular.
Action	Contact your BEA TUXEDO system Technical Support.
309	ERROR: <i>funcname</i>: cannot obtain lock on VTOC
Description	An error has occurred because within the function <code>_gp_vtoc_lock()</code> , an attempt to obtain a lock on the VTOC has failed.
Action	Contact your BEA TUXEDO system Technical Support.

310	ERROR: <i>errcode</i>: unknown vtoc error code
Description	An error has occurred during an access of the VTOC and has resulted in the indicated unrecognizable error code being returned.
Action	Contact your BEA TUXEDO system Technical Support.
311	ERROR: Cannot locate free block in tlog
Description	An attempt to locate and write to a free block in the transaction log has failed.
Action	Retry the operation and if the problem persists, contact your BEA TUXEDO system Technical Support.
312	ERROR: Transaction log wrong page number
Description	An attempt to access particular page of the transaction log has failed because the referenced page is outside of the bounds of the transaction log.
Action	Retry the operation and if the problem persists, contact your BEA TUXEDO system Technical Support.
313	ERROR: Log warmstart can only be called by BBL
Description	An attempt to warmstart has failed because only the BBL is allowed to initiate warmstarts.
Action	Contact your BEA TUXEDO system Technical Support.
314	INFO: Page <i>page</i> skipped, chksum didn't match
Description	The indicated page was skipped while doing a warmstart because the checksum did not match.
Action	No action required.
315	ERROR: TLOG not in an understandable format. Different release
Description	The format of the transaction log is unrecognizable. The release of the software is different than the release of the transaction log.
Action	Contact your BEA TUXEDO system Technical Support.

316	ERROR: Transaction log file exists
Description	An attempt to create the transaction log has failed because a transaction log already exists.
Action	If a transaction log exists, remove it and retry the desired operation. If the problem persists, contact your BEA TUXEDO system Technical Support.
317	ERROR: Log start can only be called by BBL or TMS
Description	A call to internal function _tlog_start() has failed because the caller is neither the BBL nor the TMS.
Action	Contact your BEA TUXEDO system Technical Support.
318	ERROR: Log start cannot get tlog information
Description	An error occurred in attempting to open the transaction log. Either the *MACHINES section of the configuration file could not be opened, or the current machine id has not been defined in that configuration file.
Action	Check and ensure the accuracy of the TUXCONFIG file, and if the problem persists, contact your BEA TUXEDO system Technical Support.
319	ERROR: Log start cannot open tlog
Description	An error occurred attempting to open the transaction log with read and write access.
Action	Check and ensure that the appropriate permissions are set on the transaction log and on the directory in which the transaction log resides. If the problem persists, contact your BEA TUXEDO system Technical Support.
320	ERROR: BB TLOGSIZE differs from number of pages in TLOG file
Description	An error has occurred opening the transaction log because the actual size of the TLOG differs from the size maintained by the BB.
Action	Retry the desired operation, and if the problem persists, contact your BEA TUXEDO system Technical Support.

321	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> has failed within <code>tpacall()</code> .
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.
See Also	<code>tpcall(3c)</code>
322	ERROR: Message presend routine failed
Description	The presend routine which performs some preliminary checking on the message before it is encoded and sent has failed; therefore the message will not be sent.
Action	Make sure the messages you are attempting to send have the length and pointer fields set correctly. If the problem persists, contact your BEA TUXEDO system Technical Support.
323	ERROR: Invalid data length of 0, data not self describing
Description	An attempt to send a message that has a data length of 0 has failed.
Action	Make sure the messages you are attempting to send have the length and pointer fields set correctly. If the problem persists, contact your BEA TUXEDO system Technical Support.
324	ERROR: Encoding of message header failed
Description	An attempt to encode the header of the message has failed, therefore the message has not been sent.
Action	Make sure the messages you are attempting to send have the message header length and pointer fields set correctly. If the problem persists, contact your BEA TUXEDO system Technical Support.

325	ERROR: Encoding of message data failed
Description	An attempt to encode the data of the message has failed, therefore the message has not been sent.
Action	Make sure the messages you are attempting to send have the message data length and location fields set correctly. If the problem persists, contact your BEA TUXEDO system Technical Support.
327	ERROR: Invalid table type desired
Description	An internal function has failed because it attempted to access an invalid table.
Action	Contact your BEA TUXEDO system Technical Support.
328	ERROR: No space in Bulletin Board for <i>tablename</i>
Description	An attempt to allocate a free entry in the Bulletin Board for <i>tablename</i> has failed because it is full.
Action	Re-configure the application to increase the size of the associated table.
329	ERROR: Tried to free non-allocated tmrte
Description	An attempt to free a registry table entry has failed because the table entry has not yet been allocated.
Action	Contact your BEA TUXEDO system Technical Support.
330	ERROR: Invalid table type given
Description	An internal function has failed because it attempted to access an invalid table.
Action	Contact your BEA TUXEDO system Technical Support.
331	ERROR: No registry table entries
Description	There are no more free entries in the registry table, so an attempt to allocate an entry has failed.
Action	Contact your BEA TUXEDO system Technical Support.

332	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed. This message is issued when a system process (for example, DBBL or BBL) initializes and its call to <code>malloc()</code> fails.
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.
See Also	<code>ulimit(2)</code> in UNIX system reference manuals
333	ERROR: No DBBL
Description	A program was booted in an MP configuration without the Bulletin Board existing.
Action	Clean up any IPC resources and re-boot the application from scratch.
See Also	<code>tmboot(1)</code>
334	ERROR: No BBL
Description	A program was booted without the Bulletin Board existing.
Action	Clean up any IPC resources and re-boot the application from scratch.
See Also	<code>tmboot(1)</code>
335	ERROR: Wrong bulletin board type or IPCKEY not unique
Description	Either the bulletin board type has been changed for this application and the old bulletin board (in shared memory) still exists, or the IPCKEY for the application being booted is not unique (another application is using the same IPCKEY and has attached to shared memory using that IPCKEY as the shared memory id).
Action	Edit the <code>UBBCONFIG</code> configuration file, change the IPCKEY to a unique value, reload the <code>TUXCONFIG</code> using <code>tmloadcf</code> , and reboot the application.
See Also	<code>tmloadcf(1)</code> , <code>ubbconfig(5)</code>

336	ERROR: semget err: <i>errno=errno_val</i>, <i>key = key_val</i>
Description	While initializing the application, a system semaphore could not be created.
Action	Look up the <i>errno_val</i> in <i>errno.h</i> to see its name. There are several possible causes. ENOSPC indicates that not enough semaphores are configured in the operating system; re-configure the OS to have more semaphore identifiers or sets. EACCES indicates that the user executing the command does not have permissions, which could be due to another application using the same IPCKEY. Check the owner of the semaphore using the <i>key_val</i> and the <i>ipcs(1)</i> command, and change IPCKEY if necessary.
337	ERROR: semctl err: <i>errno=errno_val</i>, <i>key=key_val</i>, <i>id=id_val</i>
Description	While initializing the application, the status of a system semaphore could not be obtained.
Action	Look up the <i>errno_val</i> in <i>errno.h</i> to see its name. There are several possible causes. EACCES indicates that the user executing the command does not have permissions, which could be due to another application using the same IPCKEY. Check the owner of the semaphore using the <i>key_val</i> and the <i>ipcs(1)</i> command. EINVAL could indicate that the semaphore was destroyed during shutdown of the system while another user tried to activate the system.
338	ERROR: BB semaphore not initialized within 10 seconds (<i>key=0xkey_val</i>).
Description	While initializing the application, a program found the BEA TUXEDO system semaphore existed but was not initialized within 10 seconds.
Action	Use the <i>ipcs(1)</i> command to check the specified key value, checking the creator process to see if it is alive. Remove the IPC resources and re-boot the application.
339	ERROR: Creating process may be dead; manual intervention required.
Description	While initializing the application, a program found the BEA TUXEDO system semaphore existed but was not initialized within 10 seconds. This is related to message 338.
Action	Use the <i>ipcs(1)</i> command to check the specified key value, checking the creator process to see if it is alive. Remove the IPC resources and re-boot the application.

340	ERROR: Wrong configuration file
Description	Either the configuration parameters have been changed for this application and the old bulletin board (in shared memory) still exists, or the IPCKEY for the application being booted is not unique (another application is using the same IPCKEY and has attached to shared memory using that IPCKEY as the shared memory id).
Action	Edit the UBBCONFIG configuration file, change the IPCKEY to a unique value, reload the TUXCONFIG using tmloadcf, and reboot the application.
See Also	tmloadcf(1), ubbconfig(5)
341	ERROR: Could not allocate bulletin board shared memory
Description	While initializing the BEA TUXEDO application, shared memory could not be allocated for the Bulletin Board.
Action	Check that the IPCKEY in the UBBCONFIG configuration file is not being used by another application for shared memory. Check that enough shared memory has been configured.
See Also	tmloadcf(1), ubbconfig(5)
342	ERROR: Could not allocate bulletin board shared memory
Description	While initializing the BEA TUXEDO application, shared memory could not be allocated for the Bulletin Board.
Action	Check that the IPCKEY in the UBBCONFIG configuration file is not being used by another application for shared memory. Check that enough shared memory has been configured.
See Also	tmloadcf(1), ubbconfig(5)

343	ERROR: Could not find DBBL
Description	While initializing the BEA TUXEDO application, shared memory could not be allocated for the Bulletin Board.
Action	The application is configured as mode MP and the DBBL has not created the BB. Make sure that the DBBL is booted first and did not die. Check that the IPCKEY in the UBBCONFIG configuration file is not being used by another application for shared memory. Check that enough shared memory has been configured.
See Also	tmloadcf(1), ubbconfig(5)
344	ERROR: Could not allocate bulletin board shared memory
Description	While initializing the BEA TUXEDO application, shared memory could not be allocated for the Bulletin Board.
Action	Check that the IPCKEY in the UBBCONFIG configuration file is not being used by another application for shared memory. Check that enough shared memory has been configured.
See Also	tmloadcf(1), ubbconfig(5)
345	ERROR: Cannot find DBBL
Description	An attempt was made to send a message to the DBBL and its whereabouts could not be ascertained either from the BB or from a BRIDGE process.
Action	Check for a partitioned network, corrupted shared memory, or if all administrative processes are running.
346	ERROR: Not a Bulletin Board
Description	The BEA TUXEDO system application's IPCKEY is clashing with another application's use of UNIX IPC resources, specifically with a UNIX IPC semaphore.
Action	Choose another IPCKEY for your BEA TUXEDO system application.
See Also	tmadmin(1)

347 ERROR: Bulletin Board version mismatch

Description The process trying to attach to the Bulletin Board differs in release from the Bulletin Board creator. The process fails to join the application.

Action Make sure that \$TUXDIR/bin points to the most current release of the BEA TUXEDO System. Also, make sure application processes have been re-linked or re-compiled with the latest release.

349 ERROR: Memory allocation failure

Description An attempt dynamically to allocate memory from the operating system using `malloc()` failed. This message is issued when a system process (for example, DBBL or BBL) initializes and its call to `malloc()` fails.

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.

See Also `ulimit(2)` in UNIX system reference manuals

350 ERROR: Configuration file parameters do not match existing bulletin board.

Description When a process initially tries to join the application, this message is issued when the process' configuration file parameters do not match the existing bulletin board. This could happen, for example, if the application's `ubbconfig` file is modified and re-loaded with `tmloadcf`.

Action Make sure that your `TUXCONFIG` file matches that with which the system was initialized.

See Also `tmloadcf(1)`

351 ERROR: Error building node tables	
Description	When a BBL initializes, it populates certain areas of the bulletin board. This message is issued when a BBL encounters an error creating the node table in the bulletin board. The node table contains entries for the machines in the *MACHINES section of the ubbconfig file. This error occurs when a node is running with a pre-4.2.1 release of the BEA TUXEDO system. Releases before 4.2.1 supported at most 50 nodes in an application.
Action	If your application contains more than 50 nodes specified in your ubbconfig file, then all nodes in the application must be release 4.2.1 or higher.
See Also	ubbconfig(5)
352 ERROR: Error resetting ULOGPFX	
Description	The program failed to set the prefix for the userlog file either because dynamic space allocation failed or because the TUXCONFIG file was corrupted. The userlog prefix will be \$APPDIR/ULOG.
Action	If other messages in the userlog indicate that the TUXCONFIG file is corrupted, you should re-load the TUXCONFIG file at your earliest convenience. If other messages in the userlog indicate that your system is out of memory, then ensure that 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.
See Also	ubbconfig(5), ulimit(2) in UNIX system reference manuals
353 ERROR: Error putting ENVFILE <i>file</i> into environment	
Description	This message is issued when an error occurs putting the process' ENVFILE into its environment.
Action	See the userlog for other messages that explain exactly which error occurred as part of processing the process' ENVFILE.
See Also	ubbconfig(5)

354	WARN: Error changing directory to appdir (<i>path</i>) for LMID (<i>lmid</i>)
Description	When this message is issued, an invalid APPDIR pathname is specified in the *MACHINES section for the LMID shown in the message. The processes associated with this LMID will use the default APPDIR for this TUXCONFIG.
Action	At your earliest convenience, you should set APPDIR to a valid pathname and re-load your TUXCONFIG with tmloadcf.
See Also	tmloadcf(1), ubbconfig(5)
355	ERROR: No BBL on this machine
Description	The process that issued this message tried to join a site that was in the midst of being shut down.
Action	No action required.
356	ERROR: Reached UNIX limit on semaphore ids
Description	The BBL 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	Contact your BEA TUXEDO system Technical Support about resetting the number of UNIX semaphores as per the IPC tuning guidelines in the <i>BEA TUXEDO Installation Guide</i> .
See Also	<i>BEA TUXEDO Installation Guide</i>

357	ERROR: Cannot create enough semaphores for BB, (UNIX limit), MAXACCESSERS too high
Description	When a BBL initializes, it creates one or more sets of semaphores for serializing access to the bulletin board. The number of semaphores created per machine is roughly equal to the value of MAXACCESSERS on that machine. This message is printed when the BBL cannot create as many semaphores as it needs.
Action	If possible, decrease the value of MAXACCESSERS for the machine. If several machines are used in your application, it is advisable to specify for each *MACHINES section entry a MAXACCESSERS value that is roughly the number of System/T client and server processes that will run simultaneously on that machine.
See Also	ubbconfig(5)
358	ERROR: Reached UNIX limit on semaphore ids
Description	The BBL 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	Contact your BEA TUXEDO system Technical Support about resetting the number of UNIX system semaphores as per the IPC tuning guidelines in the <i>BEA TUXEDO Installation Guide</i> .
See Also	<i>BEA TUXEDO Installation Guide</i>

359 ERROR: Cannot create enough semaphores for BB, (UNIX limit), MAXACCESSERS too high

Description When a BBL initializes, it creates one or more sets of semaphores for serializing access to the bulletin board. The number of semaphores created per machine is roughly equal to the value of MAXACCESSERS on that machine. This message is printed when the BBL cannot create as many semaphores as it needs.

Action If possible, decrease the value of MAXACCESSERS for the machine. If several machines are used in your application, it is advisable to specify for each *MACHINES section entry a MAXACCESSERS value that is roughly the number of System/T client and server processes that will run simultaneously on that machine.

See Also ubbconfig(5)

360 ERROR: semctl for initializing sems failed: errno

Description Once the BBL creates a semaphore set used for serializing access to the BB, it initializes it. This message is issued when the BBL fails to initialize a semaphore set as locked. The issued message contains the UNIX system error number, *errno*, 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 system reference manuals

361 ERROR: semctl for initializing sems failed: *errno*

Description Once the BBL creates a semaphore set used for serializing access to the BB, it initializes it. This message is issued when the BBL fails to initialize a semaphore set with the administrator's UNIX uid, gid, and permissions as specified in the ubbconfig file. The issued message contains the UNIX system error number, *errno*, 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 system reference manuals

362	ERROR: TPEOS time set errno <i>errno</i>
Description	As part of initializing the global transaction table, the BBL calls the <code>time()</code> system call. This message is issued when the call to <code>time()</code> fails. The message includes the error number, <i>errno</i> , which can be used to determine the exact nature of the error.
Action	Consult the <code>time(2)</code> manual page to determine the exact nature of the error.
See Also	<code>time(2)</code> in UNIX system reference manuals
364	ERROR: Failure during send/receive of remote procedure call
Description	An internal error occurred while attempting to send a remote procedure call.
Action	Check that the DBBL is running, and retry the desired operation. If the error occurs again, contact your BEA TUXEDO system Technical Support.
370	ERROR: Error setting time for transaction counter, errno <i>errno</i>
Description	As part of starting a new transaction, the <code>time()</code> system call is issued. This message is issued when the call to <code>time()</code> fails. The message includes the error number, <i>errno</i> , which can be used to determine the exact nature of the error.
Action	Consult the <code>time(2)</code> manual page to determine the exact nature of the error.
See Also	<code>time(2)</code> in UNIX system reference manuals
376	ERROR: tpabort: xa_rollback returned <i>status</i>
Description	This message is issued if the process aborting a transaction encounters an error upon calling the database resource manager with <code>xa_rollback()</code> . The message prints the error code that the function returned.
Action	Contact your BEA TUXEDO system Technical Support or your database system vendor. See the userlog for more information on the outcome of the transaction. Also, use <code>tmadmin's printtrans</code> command to find out more information about the transaction.
See Also	<code>tmadmin(1)</code>

377 ERROR: tpabort state *state*

Description This message is issued when a transaction is being aborted and the state of the transaction is such that the normal procedure for aborting the transaction could not be followed. The state of the transaction is printed as part of this message. If the state is TMGABORTED, then the transaction has already been aborted; all other states reflect the various stages of two-phase commitment (including heuristic outcomes).

Action See the userlog for more information about this transaction's completion. Also, use tadmin's printrans command to find out more information about the transaction.

See Also tadmin(1)

378 ERROR: Failed to determine uname

Description An attempt to determine the machine id through a call to uname(2) has failed.

Action Make sure the machine's uname is correctly configured. Retry the desired operation; if the error occurs again, contact your BEA TUXEDO system Technical Support.

381 ERROR: Cannot call ATMI routines until you have joined system

Description This message is issued if tpforward() is called outside of a service routine (for example, by a client).

Action Change your application code to not use tpforward() in clients or outside of service routines.

See Also tpforward(3c)

382	ERROR: Performed tpforward() with outstanding replies
Description	This message is issued when a service routine calls <code>tpforward()</code> with outstanding replies. The client that invoked this service routine receives an error, <code>TPESVCERR</code> , from either <code>tpcall()</code> or <code>tpgetrply()</code> , if it was expecting a reply. The service named by <code>tpforward()</code> is not invoked.
Action	You should alter your service routine to call either <code>tpgetrply()</code> or <code>tpcancel()</code> for all outstanding replies before calling <code>tpforward()</code> . If your service routine encounters an application error and you need to return from the service immediately, then use <code>tpreturn()</code> with <code>TPFAIL</code> .
See Also	<code>tpcancel(3c)</code> , <code>tpgetrply(3c)</code> , <code>tpforward(3c)</code> , <code>tpreturn(3c)</code>
389	WARN: Failed to set priority for TMS request
Description	When a request is sent to the TMS to complete a transaction, the priority of the request is set to optimize performance. This message is issued as a warning when the system fails to override the default priority. The request is sent at the default priority.
Action	No action required.
390	ERROR: tpcommit msg failure, check GTT
Description	This message is issued when the system encounters an error trying to receive the reply to a request sent to a TMS to complete a transaction. This message is typically issued when a system-level failure occurs.
Action	See the userlog for more information about this transaction's completion and about any communication error that may have occurred. Also, use <code>tmadmin's printrans</code> command to find out more information about the transaction and use the <code>printnet</code> command to see the status of all machine connections in the network. This command will report any network partitions.
See Also	<code>tmadmin(1)</code>

391	ERROR: No room to add group name
Description	This message is issued when a transaction has visited more than 16 BEA TUXEDO system groups (as defined in the GROUPS section of the ubbconfig file). At that point, the transaction will not continue to propagate nor will it complete successfully.
Action	Consider combining groups or using data dependent routing to consolidate requests to servers within the same group in order to allow your transaction to stay within the 16 group maximum.
See Also	ubbconfig(5)
392	INFO: GTTELOG: GTRID: machine(<i>machine</i>) counter_time(0<i>xtime</i>) counter(0<i>xcount</i>)
Description	This message prints out the contents of a global transaction table entry. This includes the transaction identifier (GTRID), the transaction's state, and other pertinent information that can be used by support personnel to help locate problems with global transactions.
Action	No action required.
See Also	See Messages No. 393, 394, 395, and 396 in this chapter, and Message No. 408 in the chapter on CMDTUX messages.
393	INFO: coordinator(<i>group</i>) group_count(<i>count</i>) tran_state(<i>state</i>)
Description	This message is a continuation of message 392 in this chapter.
Action	No action required.
See Also	See Messages No. 392, 394, 395, and 396 in this chapter, and Message No. 408 in the chapter on CMDTUX messages.
394	INFO: cmchid(<i>val</i>) q(<i>val2</i>) type(<i>val3</i>) iter(<i>val4</i>) reg_index(<i>val5</i>)
Description	This message is a continuation of message 392 in this chapter.
Action	No action required.
See Also	See Messages No. 392, 393, 395, and 396 in this chapter, and Message No. 408 in the chapter on CMDTUX messages.

395	INFO: log_page(<i>val</i>) version(<i>val2</i>) tranflags(<i>val3</i>)
Description	This message is a continuation of message 392 in this chapter.
Action	No action required.
See Also	See Messages No. 392, 393, 394, and 396 in this chapter, and Message No. 408 in the chapter on CMDTUX messages.
396	INFO: GR[<i>val</i>]:name(<i>val1</i>)local(<i>val2</i>)state(<i>val3</i>)
Description	This message is a continuation of message 392 in this chapter.
Action	No action required.
See Also	See Messages No. 392, 393, 394, and 395 in this chapter, and Message No. 408 in the chapter on CMDTUX messages.
397	ERROR: Cannot allocate entry on GTT
Description	This message is issued when no more room exists in the bulletin board to accommodate transactions. This message can occur for a new transaction, in which case the transaction will fail to begin. Or, this message can occur when an existing transaction tries to instantiate itself on a server's bulletin board, in which case the transaction will fail to commit. This message might reflect a transient condition based on a large, “bursty” transaction volume.
Action	Consider increasing the MAXGTT entry in your application's ubbconfig file if this message occurs often or if too many transactions fail due to the current MAXGTT setting. If you are already using the maximum value, and if you are also using either the LOGGED value for the CMTRET keyword in the ubbconfig file or the TP_CMT_LOGGED setting for tpscmt(3c), then use the COMPLETE or TP_CMT_COMPLETE settings, respectively, so that new transactions will not start until current ones complete.
See Also	tpscmt(3c), tx_set_commit_return(3c), ubbconfig(5)

398 ERROR: Cannot allocate entry on GTT, TMID creation failed

Description This message is issued when no more room exists in the bulletin board to accommodate transactions. This message can occur for a new transaction, in which case the transaction will fail to begin. Or, this message can occur when an existing transaction tries to instantiate itself on a server's bulletin board, in which case the transaction will fail to commit. This message might reflect a transient condition based on a large, “bursty” transaction volume.

Action Consider increasing the MAXGTT entry in your application's ubbconfig file if this message occurs often or if too many transactions fail due to the current MAXGTT setting. If you are already using the maximum value, and if you are also using either the LOGGED value for the CMTRET keyword in the ubbconfig file or the TP_CMT_LOGGED setting for tpscmt(3c), then use the COMPLETE or TP_CMT_COMPLETE settings, respectively, so that new transactions will not start until current ones complete.

See Also tpscmt(3c), tx_set_commit_return(3c), ubbconfig(5)

399 ERROR: xa_forget returned status

Description When a database resource manager (RM) makes a unilateral decision to complete a global transaction and its decision is in conflict with the BEA TUXEDO system's decision, this situation is known as a “heuristic decision”. The RM is required to log on stable storage this decision until the BEA TUXEDO system explicitly tells the RM to forget its decision. This error message is issued when the RM encounters an error while processing the “forget” request.

Action Contact your BEA TUXEDO system Technical Support or your database system vendor.

3 LIBTUX Messages

400-499

400	ERROR: Invalid arguments for getting acknowledgement
Description	This message is issued when an internal BEA TUXEDO system routine is passed invalid arguments.
Action	Contact your BEA TUXEDO system Technical Support.
401	ERROR: Could not find DBBL
Description	An attempt was made to send a message to the DBBL and its whereabouts could not be ascertained either from the BB or from a BRIDGE process.
Action	Check for a partitioned network, corrupted shared memory, or if all administrative processes are running.
402	ERROR: Received message, decode of header failed
Description	The system was attempting to decode message header information for a reply, and the operation failed.
Action	Examine the userlog for other messages about the error. If necessary, contact the BEA TUXEDO system Administrator or your BEA TUXEDO system Technical Support.

403	ERROR: Received message with an unknown internal type index <i>val</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.
404	ERROR: Received message of unknown type '<i>type</i>' subtype '<i>subtype</i>'
Description	The process received a message whose type and subtype are not known. That is, the process' type switch was not built to recognize the type and/or subtype of the message received.
Action	The 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 receiver understands.
See Also	<code>tuxtypes(5)</code> , <code>ubbconfig(5)</code>
405	ERROR: Received message of unknown type '<i>type</i>'
Description	The process received a message whose type is not known. That is, the process' type switch was not built to recognize the type of the message received.
Action	The 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 receiver understands.
See Also	<code>tuxtypes(5)</code> , <code>ubbconfig(5)</code>

406	ERROR: Message decode failure
Description	This message is issued when a process receives a typed buffer that it fails to decode. The decode function called is part of the buffer type switch.
Action	Check the userlog for additional messages indicating why the decoding failed. If the buffer type or the encode/decode function is provided by the application, contact your system administrator. If this is one of the System/T provided buffer types, contact your BEA TUXEDO system Technical Support.
See Also	typesw(5)
407	ERROR: Post receive operation on message failed
Description	Post-processing of the message received by internal “post-receive” function for the buffer type failed.
Action	Check the userlog for additional messages indicating why the post-processing failed. If the buffer type or the postreceive function is provided by the application, contact your system administrator. If this is one of the BEA TUXEDO system-provided buffer types, contact your BEA TUXEDO system Technical Support.
See Also	typesw(5)
409	ERROR: Invalid table entry information given
Description	While trying to retrieve the status field entry, the <i>tmid</i> passed in is invalid.
Action	Contact your BEA TUXEDO system Technical Support.
410	ERROR: [Invalid table entry information given]
Description	While trying to retrieve the status field entry, the <i>tmid</i> passed in is invalid.
Action	Contact your BEA TUXEDO system Technical Support.
411	ERROR: [Invalid table information given]
Description	While trying to retrieve the TMPROC information associated with the <i>tmid</i> specified, the entry is found to be invalid.
Action	Contact your BEA TUXEDO system Technical Support.

412	ERROR: [Invalid table information given]
Description	While trying to retrieve the TMPROC information associated with the <i>tmid</i> specified, the entry is found to be invalid.
Action	Contact your BEA TUXEDO system Technical Support.
415	ERROR: Invalid transaction creation
Description	While doing a warm start or load of the transaction log, an attempt to add an entry to the transaction table was invalid.
Action	Contact your BEA TUXEDO system Technical Support.
416	WARN: Invalid state <i>stateval</i> for group <i>groupname</i> while adding transaction
Description	While adding a transaction to the transaction table during warm start or load of the transaction log of decided transactions, the transaction table entry was found to have a group whose state indicated that the transaction was either normally or heuristically rolled back. The state will be overwritten and no further notification will be given as to the inconsistent state of the global transaction.
Action	Since the transaction will most likely be driven through to completion, the rollback status indicates that the operation done by the rolled back transaction will be inconsistent. For instance, this could indicate inconsistent data in a data base. The action to reconcile this situation is application specific.
417	ERROR: warmstart found bad log page entry
Description	While warm starting the transaction log, an inconsistent entry was found in the transaction table entry
Action	Contact your BEA TUXEDO system Technical Support.
419	ERROR: Exit failure
Description	This error occurs when the process is unable to detach from shared memory or a failure is detected while trying to release a request queue.
Action	Contact your BEA TUXEDO system Technical Support.

421	ERROR: Memory allocation failure
Description	A memory allocation failure occurs while the system is mapping the well known IPC key to an internal structure.
Action	Remove processes that may be tying up physical memory, ensure that the application ipc key is correct, or verify that the UNIX sysgen process sizing parameters are correct.
422	ERROR: Cannot find own BB entry
Description	While attempting to shut down a server, the bulletin board entry for the specified server cannot be found.
Action	Try shutting the server down again. If this fails, you will have to use the UNIX system <code>kill(1)</code> command to remove the process.
423	ERROR: [Cannot update own queue]
Description	While trying to update the server table entry, the server's queue entry cannot be accessed.
Action	Contact your BEA TUXEDO system Technical Support.
424	ERROR: Cannot re-queue msg
Description	During shutdown of a MSSQ set server, the shutdown message needs to be enqueued for each server instance. The message re-queuing has failed.
Action	Contact your BEA TUXEDO system Technical Support.
425	ERROR: [Service receive: unknown meta-msg type: 0xmsg_type]
Description	The meta message header type was of an unknown type.
Action	Contact your BEA TUXEDO system Technical Support.
426	ERROR: [Service receive: cannot send meta-msg reply]
Description	While advertising a new service, a reply is expected for the meta-message but fails.
Action	Contact your BEA TUXEDO system Technical Support.

427	ERROR: [Cannot find own BB entry]
Description	During the shutdown of a server the queue must be drained, and while the queue is being checked the <code>getqcnt ()</code> call fails. This error may occur if the Bulletin Board is not locked or the queue information passed is in error.
Action	Contact your BEA TUXEDO system Technical Support.
428	ERROR: Cannot re-queue msg
Description	While trying to shut down a server, the sentinel message could not be queued.
Action	Try to shut down the server again. If this fails, contact your BEA TUXEDO system Technical Support.
429	ERROR: Cannot perform shutdown at this time
Description	An attempt is made to shut down a group of TMS processes in an invalid order. Specifying the TMS processes to be shut down by group, lmid, or (S) will order the shutdown sequence properly.
Action	The TMSs should not be shut down individually (using the <code>-i</code> option). The <code>-g -l -S</code> flags should be used instead.
430	ERROR: Application rejects shutdown request
Description	The application has denied a shutdown request. This error can occur in a variety of different scenarios. The system processes such as (D)BBL, TMS, or BRIDGE may reach a condition in which they are unable to shut down. For example, the BBL cannot process a shutdown request because a server fails to disconnect. Application servers may also reach this condition by returning a “0” value in the default shutdown function, <code>_tmsvrstop ()</code> . If this occurs, contact your BEA TUXEDO system application administrator.
Action	Check the userlog for other messages to determine the proper action to take. In the above example of a system process (BBL) unable to shut down, the force option (<code>-w</code>) may be used.
See Also	<code>tmshutdown(1)</code>

431	ERROR: Service receive: cannot send meta-msg reply
Description	While attempting to reply to a shutdown request, the meta-message send fails.
Action	Contact your BEA TUXEDO system Technical Support.

433	ERROR: Send/receive error on remote procedure call
Description	While trying to send a meta-message, the request cannot be sent. Possible causes may be a message type switch function failure, an invalid message length, or a low level message send failure.
Action	Check for a partitioned network or corrupted shared memory. Check that all administrative processes are running and that the sysgen parms (IPC parameters) for messages are appropriate. Also check the userlog for additional messages that may help to isolate the problem. Contact your BEA TUXEDO system Technical Support.

439	ERROR: Migration failed: Not all the servers are shutdown
Description	While attempting to migrate servers to another machine, the system is unable to process this request. All of the servers affected by this request must be shut down.
Action	Shut down the desired servers with the relocate (-R) option and reissue the migrate request.
See Also	<i>BEA TUXEDO Administrator's Guide</i> , <code>tmadmin(1)</code>

441	ERROR: Migration failed: alternate location not specified
Description	When attempting to migrate server(s) to another site, the system is unable to complete the request because the alternate location is not specified for an affected server group(s).
Action	The LMID entry in the GROUPS section for the affected server groups must be updated. This may be achieved by using the <code>tmconfig()</code> command and updating the TA_LMID field of the affected server groups to include the alternate location.
See Also	<i>BEA TUXEDO Administrator's Guide</i> , <code>tmadmin(1)</code> , <code>tmconfig(1)</code>

442	ERROR: Migration failed: alternate locations not the same
Description	When attempting to migrate server(s) to another site, the system is unable to complete the request because the alternate locations specified for the affected server group(s) are not the same.
Action	<p>The appropriate action for this request depends on if the alternate locations are set properly or not. If the alternate locations of server groups on an lmid are different, they may be migrated independently by group. See the <code>tmadmin()</code> subcommand <code>migrategroup</code>.</p> <p>If the groups are to be moved to the same lmid, the LMID entry in the GROUPS section for the affected server groups must be updated. This may be achieved by using the <code>tmconfig()</code> command and updating the TA_LMID field of the affected server groups to specify the same alternate location. Then the request may be resubmitted.</p>
See Also	<i>BEA TUXEDO Administrator's Guide</i> , <code>tmadmin(1)</code> , <code>tmconfig(1)</code>
445	INFO: BB on machine <i>lmid</i> has been updated for migration of group <i>group_name</i>.
Description	During a migration request, this message is issued to point out that the bulletin board for the alternate location (<i>lmid</i>) has been updated.
Action	No action necessary.
446	INFO: BB on machine <i>lmid</i> has been update for migration of groups from machine <i>lmid</i>.
Description	During a migration request, this message is issued to point out that the bulletin board for the alternate location (<i>lmid</i>) has been updated.
Action	No action necessary.
459	ERROR: Send to BRIDGE failed
Description	While trying to get the status of a remote queue via <code>tmadmin</code> , the message to the remote BRIDGE failed.
Action	Check the userlog for earlier messages indicating the cause of the failure.

460	ERROR: Send to BRIDGE failed
Description	While trying to get the status of a remote queue via tmadmin, the message to the remote BRIDGE failed.
Action	Check the userlog for earlier messages indicating the cause of the failure.

461	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while trying to suspend the BRIDGE during a partitioned shutdown.
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.

462	ERROR: Retrieved too many entries in tmsuspend
Description	While trying to suspend the BRIDGE during a partitioned shutdown, the number of server entries retrieved is larger than the number of entries allocated for retrieval. This should not occur.
Action	Re-run the <code>tmshutdown</code> command.
See Also	<code>tmshutdown(1)</code>

463	ERROR: TMUSEBRANCH option not supported
Description	When opening a resource manager with <code>tpopen</code> , the resource manager had the TMUSEBRANCH flag set from the XA Preliminary Specification. This option is not supported.
Action	Contact your resource manager vendor.

465	ERROR: TMUSEASYNCH option not supported
Description	When opening a resource manager with <code>tpopen</code> , the resource manager had the TMUSEASYNCH flag set from the XA Preliminary Specification. This option is not supported.
Action	Contact your resource manager vendor.

466	ERROR: topen TPERMERR xa_open returned <i>errstring</i>
Description	The call to xa_open from within topen returned the XA error value <i>errstring</i> .
Action	Check the error reporting mechanism for the associated resource manager to determine the cause of the problem. Contact your BEA TUXEDO system Technical Support or resource manager vendor.
467	ERROR: tpclose TPERMERR xa_close returned <i>errstring</i>
Description	The call to xa_close from within tpclose returned the XA error value <i>errstring</i> .
Action	Check the error reporting mechanism for the associated resource manager to determine the cause of the problem. Contact your BEA TUXEDO system Technical Support or resource manager vendor.
470	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc ()</code> failed while trying to put variables into the environment for either the machine or server ENVFILE.
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.
474	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc ()</code> failed while receiving a service request in a server.
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.

476	WARN: Server <i>groupid</i>/serverid: client process <i>processid</i>: lost message
Description	A server died and the specified server (with group <i>groupid</i> and server identifier <i>serverid</i>) is recovering on its behalf. A message from the client with the specified <i>processid</i> has been lost. Additional information will be printed in subsequent messages
Action	No action required.
See Also	See Messages 477 and 478 below.
477	WARN: SERVICE=<i>servicename</i> MSG_ID=<i>msgid</i> REASON=server died
Description	A server died (see message 476) while processing service <i>servicename</i> . The client from which the message was sent is still active so a response message will be sent indicating the failure.
Action	No action required.
478	WARN: SERVICE=<i>servicename</i> MSG_ID=<i>msgid</i> REASON=server and client died
Description	A server died (see message 476) while processing service <i>servicename</i> . The client from which the message was sent is no longer active either so that a response message cannot be sent indicating the failure.
Action	No action required.
480	ERROR: Cannot find own server entry
Description	When receiving a service request in a server, the server was unable to find its own entry in the Bulletin Board.
Action	Check the userlog for earlier messages indicating problems with the application and check with the application administrator. Contact your BEA TUXEDO system Technical Support.
481	ERROR: Service xa_start returned <i>errno</i>
Description	A message request was received indicating that the message should be handled by the server in transaction mode and the corresponding xa_start failed. xa_start failed because the return code was out of range.
Action	Perform the action appropriate for the indicated error.

482	ERROR: Service request found state <i>state_val</i> for group <i>grpname</i>
Description	A message request was received indicating that the current transaction was to be committed, but the state of the transaction was neither active or aborted.
Action	Check for a corrupted GTT in shared memory.
486	ERROR: Service request problem, <i>tperrno = tperrno_val</i>
Description	A message request was received indicating that the message should be handled by the server in transaction mode and the corresponding tpbegin failed.
Action	Verify that message was not received by an unsolicited message handler, the server was not part or registered with the application, the global transaction id was valid, the server had no outstanding reply messages, the resource manager was not opened, there was not enough space in the global transaction table, the resource manager xa_start failed, or a BBL lock or unlock failed.
487	ERROR: Cannot call ATMI routine without joining application
Description	tpreturn was called and the server was no longer part of the application.
Action	Either a tpsvrinit failed or a tpsvrdone was called before tpreturn.
488	ERROR: Invalid data pointer given to tpreturn()
Description	tpreturn was given a pointer to a message that did not contain the appropriate magic numbers in the message header, or the address of the message did not begin on a long word boundary.
Action	Check that the application's IPCKEY is correct, or two applications are using the same IPCKEY, or the message queue isn't corrupted, or a previously tpallocc 'ed message was invalidated (via a tpfree) before tpreturn was called.

489	ERROR: Performed tpreturn() with outstanding replies
Description	A tpreturn was called with outstanding message replies.
Action	Check the service code and make sure that tpreturn is not called before all the tpacall and tpgetrply 's are complete, all outstanding messages sent to other services have returned, and/or there are not two applications using the same IPCKEY.

495	ERROR: tpreturn tpcommit reported <i>tperrno_msg</i>
Description	The service automatically started a transaction. tpreturn performed a tpcommit and it failed with a <i>tperrno_val</i> other than TPEABORT. The specific error is reported as part of this message.
Action	Respond according to the type of error indicated in the message.

499	ERROR: Invalid table entry information given
Description	A table id was passed to the update routine that did not correspond to the server, queue, or service (the manner in which information is arranged in the BB).
Action	Check for corrupted shared memory or an invalid IPCKEY (wrong application).

4 LIBTUX Messages

500-599

500	ERROR: Invalid status given
Description	A status was passed to the update routine that was neither suspended nor not suspended.
Action	Check for corrupted shared memory or an invalid IPCKEY (wrong application).
501	ERROR: Memory allocation failure
Description	<code>malloc</code> failed when an attempt was made to acquire space for a table large enough to hold a long word entry for all the services in a server.
Action	Check for corrupted shared memory, inappropriate sysgen memory or process parameters, or if there are too many running processes.
502	ERROR: Memory allocation failure
Description	<code>malloc</code> failed when an attempt was made to acquire space for a table large enough to hold a long word entry for each service in a MSSQ set. A status update was being attempted.
Action	Check for corrupted shared memory, inappropriate sysgen memory or process parameters, or if there are too many running processes.

503	ERROR: Cannot find DBBL
Description	An attempt was made to send a message to the DBBL, and its whereabouts could not be ascertained either from the BB or from a BRIDGE process.
Action	Check for a partitioned network, corrupted shared memory, or if all administrative processes are running.
505	ERROR: Send/receive error on remote procedure call
Description	A message send failed. The message send failure may have resulted from a message type switch function failure, from an invalid message length, or from a low level message send failure.
Action	Check for a partitioned network, corrupted shared memory, if all the administrative processes are running, or if the sysgen parameters for messages are appropriate.
506	ERROR: Send/receive error on remote procedure call
Description	Two attempts were made to send a message to a D(BBL) and both attempts failed. Either the recipient was not active (alive), or the sending of the message send itself failed. The message send failure may have resulted from a message type switch function failure, from an invalid message length, or from a low level message send failure.
Action	Check for a partitioned network, corrupted shared memory, if all the administrative processes are running, or if the sysgen parameters for messages are appropriate.
515	ERROR: Null message buffer, cannot dispatch service
Description	The run server function, which continually dequeues messages (service requests), called the server dispatch routine with a null message pointer. This means that the dequeuing of a message failed.
Action	System message resources may be corrupted.

516	ERROR: Unknown service request <i>name</i>
Description	The server dispatch function calls a high level service dispatch which attempts to find the entry point address of the service and cannot. The server dispatch function records this error.
Action	Shared memory may be corrupted, or the ipc application key is not correct.

517	ERROR: Failed sending reply
Description	The server dispatch function calls a high level service dispatch which attempts to find the entry point address of the service and cannot. The server dispatch function conveys this error to the caller via a message (reply). If the message send fails, this message appears.
Action	System message resources may be exhausted, the application may be partitioned, or shared memory is corrupted.

518	ERROR: Service '<i>name</i>' failed to call <i>tpreturn</i> or <i>tpforward</i>
Description	The server dispatch function calls the service. Control returning after this call is an indication that <i>tpreturn</i> failed (it does a <code>long jmp</code> and should never return after the call), or <i>tpforward</i> failed (it gives up control to another server). These are the only two ways a service can surrender control after processing a service.
Action	The stack in the service became corrupted. Try running the service under a debugger.
See Also	<code>tpsvrdone(3c)</code>

521	ERROR: Clients cannot call <i>tpsvrdone</i>
Description	The process invoking the default server termination function is a client (should be a server).
Action	The default server termination library function was linked into a process not identified in the <code>SERVERS</code> section of the configuration file, or shared memory is corrupted.
See Also	<code>tpservice(3c)</code>

522	INFO: Default tpsvrdone() function used
Description	This message indicates that the system-provided default server exit routine was used in stopping the server.
Action	No action required
See Also	tpservice(3c)
523	ERROR: tpclose failed
Description	The tpclose function failed in the default server exit function, tpsvrdone.
Action	An error occurred in closing the resource manager associated with this server's group. The CLOSEINFO parameter in the GROUPS section of the configuration may not be correct, or the resource manager may not be available.
See Also	tpservice(3c)
524	ERROR: Only servers allowed to call tpsvrinit
Description	The process invoking the default server initialization function is not a TUXEDO System/T server.
Action	The default server initialization library function was linked into a process not identified in the SERVERS section of the configuration file, or shared memory is corrupted.
See Also	tpservice(3c)
525	INFO: Default tpsvrinit() function used
Description	This message indicates that the system-provided default server initialization routine was used in starting the server.
Action	No action required
See Also	tpservice(3c)

530	ERROR: NULL service name, cannot dispatch service request
Description	The service start routine, called by the start work routine (which is called by the service dispatch routine), failed because the dispatched message contained no service request name.
Action	Verify that the application ipc key is correct, or that not more than one application is using the same ipc key, or some other failure occurred with the associated message queues.

531	ERROR: Function address set to -1
Description	The service start routine, called by the start work routine (which is called by the service dispatch routine), failed because the bulletin board entry for the requested service function address contains a zero.
Action	Verify that the application ipc key is correct, or that not more than one application is using the same ipc key.

532	ERROR: Invalid message pointer given
Description	The service dispatch routine passed the service start work routine a null pointer due to a TPESYSTEM error that occurred earlier. This occurred in either a (D)BBL or server and indicates that a corrupt or invalid message was received.
Action	Verify that the correct machine types are set, or that the application ipc key is correct, or that not more than one application is using the same ipc key.

533	ERROR: Cannot execute service, address not known
Description	During the service dispatch, the service start function returned null indicating a failure. This could be due to a null service name appearing in the dispatched message, or the requested service cannot be found, or the bulletin board could not be locked.
Action	Verify that the application ipc key is correct, or that not more than one application is using the same ipc key, or that the service is advertised.

534	ERROR: Work completed, cannot stop twice
Description	When a service returns from dispatch, a flag is checked to see if the service was started successfully. If this flag is not set, the above error message appears. This flag is only turned on if the service starts, and turned off only when the service done function completes. Either the service never started or the service done function was called more than once.
Action	Check the <code>u_log</code> for additional information about server failures.
536	ERROR: Unable to create request queue
Description	An internal function used to create a UNIX system message queue for Inter-Process Communications failed.
Action	Check with your UNIX System Administrator and increase the appropriate message parameter for your system. The possible parameters that may need to be increased are <code>MSGMAX</code> , <code>MSGMNB</code> , <code>MSGMNI</code> , <code>MSGSSZ</code> , and <code>MSGSEG</code> .
537	ERROR: Unable to create reply queue
Description	An internal function used to create a UNIX system message queue for Inter-Process Communications failed.
Action	Check with your UNIX System Administrator and increase the appropriate message parameter for your system. The possible parameters that may need to be increased are <code>MSGMAX</code> , <code>MSGMNB</code> , <code>MSGMNI</code> , <code>MSGSSZ</code> , and <code>MSGSEG</code> .
See Also	<i>BEA TUXEDO Installation Guide</i>
538	ERROR: Unable to remove request queue <code>queue_id</code> (<code>errno=err_val</code>)
Description	An internal function used to remove a UNIX system message queue for Inter-Process Communications failed. The UNIX system function <code>msgctl</code> returned an error.
Action	Contact your UNIX System Administrator.

539	ERROR: Unable to remove reply queue <i>queue_id</i> (errno=<i>errno_val</i>)
Description	An internal function used to remove a UNIX System message queue for Inter-Process Communications failed. The UNIX System function <code>msgctl</code> returned an error.
Action	Contact your UNIX System Administrator.
540	ERROR: TUXCONFIG environment value (<i>string</i>) does not match configuration file (<i>string</i>)
Description	The TUXCONFIG parameter defined in the TUXEDO System/T configuration file does not match the current TUXCONFIG shell environment variable.
Action	Set the TUXCONFIG variable in your current shell to match the value defined in the configuration file and then export it. Re-create the binary configuration file by executing <code>tmloadcf</code> and then <code>tmboot</code> .
See Also	<code>tmboot(1)</code> , <code>tmloadcf(1)</code> , <code>ubbconfig(5)</code>
541	WARN: Server <i>group_name/server_id</i> terminated
Description	A server has died. The BEA TUXEDO system will attempt to clean or restart the server according to the specification of the server in the configuration.
Action	No action required
See Also	<code>ubbconfig(5)</code>
542	WARN: Bulletin Board update error <i>error_val</i>
Description	A server had died. The BEA TUXEDO system was attempting to clean or restart the server according to the specification of the server in the configuration. The server was either non-restartable, or the generation count was exceeded.
Action	Determine why the server is dying. If required, modify the configuration file to increase the generation count and/or make the server restartable.
See Also	<code>ubbconfig(5)</code>

543	WARN: Bulletin Board update error <i>error_val</i>
Description	A server had died. The BEA TUXEDO system was attempting to clean or restart the server according to the specification of the server in the configuration. The server was either non-restartable, or the generation count was exceeded.
Action	Determine why the server is dying. If required, modify the configuration file to increase the generation count and/or make the server restartable.
See Also	<code>ubbconfig(5)</code>
544	ERROR: Unable to delete server <i>group_name/server_id</i>
Description	A non-restartable server had died. The BEA TUXEDO system was attempting to clean up after the aforementioned incident, but both the clean-up as well the removal of resources allocated to the server failed.
Action	Contact your BEA TUXEDO system Technical Support.
545	ERROR: Unable to update Bulletin Board, error: <i>error_val</i>
Description	The BEA TUXEDO system attempted to update the server table that resides in UNIX System shared memory. The update was not successful. Either the server information provided was invalid, or an attempted lock on the TUXEDO System/T bulletin board was unsuccessful.
Action	Contact your BEA TUXEDO system Technical Support
546	ERROR: Unable to update Bulletin Board, error: <i>error_val</i>
Description	The BEA TUXEDO system attempted to update the server table that resides in UNIX System shared memory. The update was not successful. Either the server information provided was invalid, or an attempted lock on the TUXEDO System/T bulletin board was unsuccessful.
Action	Contact your BEA TUXEDO system Technical Support

547	ERROR: Unable to clean up BBL processes
Description	The BEA TUXEDO system attempted to clean up a system process, an action not permitted at that point.
Action	Contact your BEA TUXEDO system Technical Support
548	ERROR: Unable to clean up BRIDGE processes
Description	The BEA TUXEDO system attempted to clean up a system process, an action not permitted at that point
Action	Contact your BEA TUXEDO system Technical Support
549	ERROR: Unable to clean up processes on remote node(s)
Description	The BEA TUXEDO system attempted to clean up processes that are running on a remote computer, and that operation is not permitted at that point.
Action	Contact your BEA TUXEDO system Technical Support
550	WARN: Cleaning up restartable server <i>group_name/server_id</i>
Description	The BEA TUXEDO system is about to clean up a server that was defined to be restartable.
Action	No action required.
551	WARN: Cleaning up server <i>group_name/server_id</i>
Description	The TUXEDO System is about to clean up a server table entry.
Action	No action required.
552	WARN: TUXDIR environment variable not set
Description	The BEA TUXEDO system environment variable TUXDIR was not set.
Action	Set and export the environment variable TUXDIR and repeat the operation.
See Also	<i>BEA TUXEDO Installation Guide</i>

553	ERROR: Multi-processor operation sysmulti failed — <i>errno=error_val</i>
Description	The TUXEDO System/T application was running on a multi-processor environment. While attempting to use the <code>sysmulti</code> function, an error was detected.
Action	Contact your UNIX System Administrator.
554	ERROR: Multi-processor operation sysmulti failed — <i>errno=error_val</i>
Description	The TUXEDO System/T application was running on a multi-processor environment. While attempting to use the <code>sysmulti</code> function, an error was detected.
Action	Contact your UNIX System Administrator.
555	ERROR: Unable to exec <i>command</i> — <i>errno=errno_val</i>
Description	The BEA TUXEDO system attempted to execute the <code>cleanupsrv</code> process. The UNIX System library function <code>system()</code> failed.
Action	Contact your UNIX System Administrator.
556	ERROR: Unable to determine ID of server to be removed
Description	The BEA TUXEDO system attempted to remove a server process, but was unable to determine its ID.
Action	Contact your BEA TUXEDO system Technical Support
557	INFO: Server <i>group_name/server_id</i> being restarted
Description	The BEA TUXEDO system is restarting a server process.
Action	No action required.
558	ERROR: Restarting a remote server not permitted
Description	The application is trying to remote restart a server process. This operation is not permitted.
Action	No action required

559	ERROR: TUXDIR environment variable not set for restartsrv process
Description	The BEA TUXEDO system environment variable, TUXDIR, is not set. Because of this the <code>restartsrv</code> process cannot be executed.
Action	Set and export the TUXDIR environment variable and repeat the operation.
561	ERROR: Multi-processor operation sysmulti failed — <i>errno=errno_val</i>
Description	The TUXEDO System/T application was running on a multi-processor environment. While attempting to use the <code>sysmulti</code> function, an error was detected.
Action	Contact your UNIX System Administrator.
562	ERROR: Multi-processor operation sysmulti failed — <i>errno=errno_val</i>
Description	The TUXEDO System/T application was running on a multi-processor environment. While attempting to use the <code>sysmulti</code> function, an error was detected.
Action	Contact your UNIX System Administrator.
563	ERROR: Unable to exec <i>command</i> — <i>errno=errno_val</i>
Description	The TUXEDO System/T application was running on a multi-processor environment. While attempting to use the <code>sysmulti</code> function, an error was detected.
Action	Contact your UNIX System Administrator.
564	ERROR: Unable to exec <i>command</i> application RCMD command <i>errno=errno_val</i>
Description	The BEA TUXEDO system attempted to execute the application-specified RCMD command associated with the server to be restarted. The UNIX System library function <code>system()</code> used for this operation failed.
Action	Contact your UNIX System Administrator.

575	ERROR: Unable to reset semaphore for sem <i>key_val</i>, errno <i>errno_val</i>
Description	The BEA TUXEDO system was in the process of cleaning up a registry slot for a process. While doing the aforementioned operation, the semaphore used for that process had to be reset. The semaphore operation <code>semctl</code> failed.
Action	Contact your BEA TUXEDO system Technical Support
576	ERROR: Unable to remove queue for process <i>pid</i>
Description	The BEA TUXEDO system was in the process of cleaning up a registry slot for a process. A part of this clean up involves removing queues used by that process. The operation used to remove the queue failed.
Action	Contact your BEA TUXEDO system Technical Support
577	ERROR: Unable to register because the slot is already owned by another process
Description	While registering a process, a conflict arose with regard to a slot in the registry table. Another process already owned that slot.
Action	Contact your BEA TUXEDO system Technical Support
578	ERROR: Unable to register because the slot is already owned by another process
Description	While registering a process, a conflict arose with regard to a slot in the registry table. Another process already owned that slot.
Action	Contact your BEA TUXEDO system Technical Support
579	ERROR: Unable to obtain the registry slot owned by process
Description	The BEA TUXEDO system was attempting to restart a server. In so doing, the system was unable to determine the registry table slot that was originally used by the restarting process.
Action	Contact your BEA TUXEDO system Technical Support

580	ERROR: Attempt to take over registry table entry of non-restarting process
Description	The BEA TUXEDO system attempted to use a registry table slot in a manner that is not permitted. Re-using a registry table slot is permitted for servers that are restarting, but not for a server that is defined to be non-restartable.
Action	Contact your BEA TUXEDO system Technical Support
581	ERROR: Migrating and given an old pid when none expected
Description	The BEA TUXEDO system was attempting to find a registry table slot for a restarting server, but the server was set up to migrate.
Action	Contact your BEA TUXEDO system Technical Support
582	ERROR: Unable to register, registry table full
Description	The BEA TUXEDO system was attempting to find a registry table slot for a process, but the registry table was full.
Action	Increase the MAXACCESSERS parameter in the UBBCONFIG file, rebuild the TUXCONFIG file, then reboot the application and try again.
See Also	ubbconfig(5), tmboot(1)
583	ERROR: Not a privileged user, incorrect permissions
Description	The user attempted to execute TUXEDO System/T functions that are reserved for users with the correct permissions, but was not authorized to do so.
Action	Contact your BEA TUXEDO system Technical Support
See Also	ubbconfig(5), tmadmin(1)

584	ERROR: Invalid registry table slot index passed, unable to register
Description	When a process attempts to register with the BEA TUXEDO system, the administrative process(es) supplied update the internal registry table. In this instance, the registry table index to be used exceeded the number of MAXACCESSERS specified in the configuration file.
Action	Increase the value of the MAXACCESSERS parameter in the UBBCONFIG file, rebuild the TUXCONFIG file, reboot the TUXEDO System/T application, and repeat the operation(s).
See Also	ubbconfig(5)
585	ERROR: Invalid registry table slot index passed, unable to unregister
Description	The BEA TUXEDO system administrative process attempted to unregister a process, but failed in doing so because the index into the registry table to be used was outside the bounds of the registry table.
Action	Contact your BEA TUXEDO system Technical Support
586	ERROR: Unable to unregister process <i>pid</i> — <i>errno errno_val</i> <i>tperrno tperro_val</i>
Description	The BEA TUXEDO system administrative process attempted to unregister a process, but failed.
Action	Contact your BEA TUXEDO system Technical Support
587	INFO: Process <i>pid</i> that is unregistering has ticket <i>ticket</i>
Description	The process that is unregistering from the TUXEDO System/T application is holding a ticket for the user-level semaphore. The ticket value will be cleared as part of the unregistration.
Action	No action required.
588	ERROR: Unable to open TUXCONFIG file
Description	The TUXEDO System/T administrative process was unable to open the TUXCONFIG file.
Action	Contact your BEA TUXEDO system Technical Support

589	ERROR: Unable to read the *RESOURCES section of the TUXCONFIG file
Description	The TUXEDO System/T administrative process was unable to read the RESOURCES section of the TUXCONFIG file.
Action	Contact your BEA TUXEDO system Technical Support
590	ERROR: Unable to read the TUXCONFIG file, version type mismatch
Description	The TUXEDO System/T administrative process was unable to read the TUXCONFIG file because of a mismatch of version types.
Action	Contact your BEA TUXEDO system Technical Support
591	ERROR: Unable to read the TUXCONFIG file, release mismatch
Description	The TUXEDO System/T administrative process was unable to read the TUXCONFIG file because the BEA TUXEDO system release number stored in the TUXCONFIG file did not match the release number compiled into the system.
Action	Contact your BEA TUXEDO system Technical Support
592	ERROR: Invalid model stored in the TUXCONFIG file, must be SHM or MP
Description	The MODEL parameter value stored in the TUXCONFIG file was not MP or SHM.
Action	Check the configuration file and ensure that the MODEL parameter value in the RESOURCES section is MP or SHM.
See Also	ubbconfig(5)
593	ERROR: Unable to map ID of a PE to ipckey
Description	The BEA TUXEDO system was unable to determine the PE and IPCKEY mapping for a particular PE
Action	Contact your BEA TUXEDO system Technical Support
594	ERROR: Unable to locate PE entry in the Bulletin Board
Description	The BEA TUXEDO system was unable to locate information for a PE in the Bulletin Board.
Action	Contact your BEA TUXEDO system Technical Support

595	ERROR: No 'string' entry in table_name table
Description	The BEA TUXEDO system was unable to locate information for the specified string in the Bulletin Board table specified. It may be that the server was built with an inappropriate "-b {shm mp}" option; for example, a server built with "-b shm" will produce the message: No 'MP' entry in model table. when booted in a MP application.
Action	Contact your BEA TUXEDO system Technical Support
See Also	buildserver(1)
596	ERROR: [NULL service name used to get service information]
Description	A BEA TUXEDO system internal function was used to retrieve service information from the services table, but a NULL service name was used.
Action	Contact your BEA TUXEDO system Technical Support
597	ERROR: [Unable to open the *SERVICES section table]
Description	A BEA TUXEDO system internal function was used to retrieve service information from the services table, but the open failed.
Action	Contact your BEA TUXEDO system Technical Support.
598	ERROR: [Unable to read information from the *SERVICES section table]
Description	A BEA TUXEDO system internal function was used to retrieve service information from the services table, but the open failed.
Action	Contact your BEA TUXEDO system Technical Support.
599	ERROR: Maximum number of types/subtypes, number, has been exceeded
Description	The maximum number of types/subtypes permitted for a particular TUXEDO System/T service has been exceeded.
Action	Review the configuration file, verify that all services use less than the maximum number of types/subtypes, and rebuild the TUXCONFIG file.
See Also	ubbconfig(5), tmloadcf(1)

5 LIBTUX Messages

600-699

600	ERROR: [Invalid buffer type information type]
Description	The buffer type information provided in the configuration file was incorrect.
Action	Check the configuration file, verify that the buffer type provided is correct, and repeat the operation.
See Also	ubbconfig(5), tmloadcf(1)
601	ERROR: [Invalid buffer subtype information <i>subtype_val</i>]
Description	The buffer subtype information provided in the configuration file was incorrect.
Action	Check the configuration file, verify that the buffer type provided is correct, and repeat the operation.
See Also	ubbconfig(5), tmloadcf(1)
602	ERROR: TUXCONFIG environment variable not set
Description	The TUXCONFIG environment variable is not set.
Action	Set and export the TUXCONFIG environment variable, which should be the same as defined in the UBBCONFIG file.
See Also	ubbconfig(5)

603	ERROR: TUXCONFIG file <i>filename</i> does not exist
Description	The TUXCONFIG file, <i>filename</i> , does not exist.
Action	Check the TUXCONFIG environment variable to see if it matches with the definition of the TUXCONFIG in the UBBCONFIG file. Then, check to see if the TUXCONFIG file has been generated. If not, use <code>tmloadcf(1)</code> to create the TUXCONFIG file.
See Also	<code>tmloadcf(1)</code> , <code>ubbconfig(5)</code>
604	ERROR: Cannot get file status on TUXCONFIG file <i>filename</i>, <code>errno = errno_val</code>
Description	Cannot get the file status on the TUXCONFIG file, <i>filename</i> .
Action	Check the UNIX <code>errno</code> for reasons and take appropriate actions accordingly.
See Also	<code>stats(2)</code> in UNIX system reference manuals
605	ERROR: TUXOFFSET environment variable must be <code>>= 0</code>
Description	The TUXOFFSET environment variable is less than 0.
Action	Specify a value for the TUXOFFSET environment variable that is greater than or equal to 0. This TUXOFFSET value must be the same as defined in the UBBCONFIG file.
See Also	<code>ubbconfig(5)</code>
607	ERROR: Cannot open section <i>section_name</i> of the TUXCONFIG: <i>file</i>
Description	The <i>section_name</i> of the TUXCONFIG file cannot be opened. The TUXCONFIG file might be corrupted.
Action	You can shut down the application and re-load the TUXCONFIG file using <code>tmloadcf</code> . If the error still occurs, contact your BEA TUXEDO system Technical Support.
See Also	<code>tmloadcf(1)</code>

608	ERROR: Memory allocation failure
Description	Memory allocation failed for adding new sections in the TUXCONFIG file.
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.
610	ERROR: Cannot close the TUXCONFIG file
Description	The TUXCONFIG file in the VTOC table cannot be closed.
Action	Check the permission and the existence of the TUXCONFIG file, or contact your BEA TUXEDO system Technical Support.
612	ERROR: Read an entry from the VTOC table failed
Description	Reading an entry from the disk table failed. Possible causes: <ol style="list-style-type: none"> 1. the logical table file descriptor was corrupted 2. the read page offset was set incorrectly by the system 3. the table itself got corrupted which caused <code>read()</code> to fail.
Action	Check your disk tables such as VTOC for possible corruptions and/or damages. If this error still occurs, contact your BEA TUXEDO system Technical Support.
See Also	<code>read(2)</code> in UNIX system reference manuals
614	ERROR: Cannot write to the <i>section_name</i> of the TUXCONFIG file which is not opened
Description	Cannot write to the <i>section_name</i> of the TUXCONFIG file which was never opened.
Action	Check your TUXCONFIG file, or contact your BEA TUXEDO system Technical Support.
See Also	<code>tmunloadcf(1)</code> , <code>write(2)</code> in UNIX system reference manuals

615	ERROR: Write to the <i>section_name</i> of the TUXCONFIG file failed
Description	Write to the <i>section_name</i> of the TUXCONFIG file in VTOC table failed. Possible causes: <ol style="list-style-type: none"> 1. the logical table file descriptor was corrupted 2. the write page offset was set incorrectly by the system 3. the table itself got corrupted which caused <code>write()</code> to fail.
Action	Check your disk tables such as VTOC for possible corruptions and/or damages. If this error still occurs, contact your BEA TUXEDO system Technical Support.
See Also	<code>write(2)</code> in UNIX system reference manuals
616	ERROR: The routing section of the TUXCONFIG file cannot be located
Description	The routing section of the TUXCONFIG file cannot be located. Possible causes: <ol style="list-style-type: none"> 1. the TUXCONFIG file might be corrupted 2. the TUXCONFIG environment variable might not be set 3. the TUXOFFSET environment variable was less than zero.
Action	Contact your BEA TUXEDO system Technical Support. See Messages 602, 605, and 607 in this chapter for explanation.
624	ERROR: Data tables for routing section full
Description	Data routing tables in the Bulletin Board are full when parsing the routing range and creating the data routing entries.
Action	This is a system error, contact your BEA TUXEDO system Technical Support.
625	ERROR: More than one wild card in entry <i>range</i>
Description	More than one wild-card (*) range for the short routing data was specified in the data routing entry.
Action	Check your UBBCONFIG file for multiple definitions of wild-card ranges for the short 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	<code>ubbconfig(5)</code>

626	ERROR: Range values out of order <i>upper_range</i> < <i>lower_range</i>
Description	The range values for the short routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the short routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	ubbconfig(5)

627	ERROR: More than one wild card in entry range
Description	More than one wild-card (*) range for the integer routing data was specified in the data routing entry.
Action	Check your UBBCONFIG file for multiple definitions of wild-card ranges for the integer 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	ubbconfig(5)

628	ERROR: Range values out of order <i>upper_range</i> < <i>lower_range</i>
Description	The range values for the integer routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the integer routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	ubbconfig(5)

629	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 UBBCONFIG 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	ubbconfig(5)

630	ERROR: Range values out of order <i>upper_range < lower_range</i>
Description	The range values for the long routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the long routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	ubbconfig(5)
631	ERROR: More than one wild card in entry <i>range</i>
Description	More than one wild-card (*) range for the float routing data was specified in the data routing entry.
Action	Check your UBBCONFIG 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	ubbconfig(5)
632	ERROR: Range values out of order <i>upper_range < lower_range</i>
Description	The range values for the float routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the float routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	ubbconfig(5)
633	ERROR: More than one wild card in entry <i>range</i>
Description	More than one wild-card (*) range for the double routing data was specified in the data routing entry.
Action	Check your UBBCONFIG file for multiple definitions of wild-card ranges for the double 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	ubbconfig(5)

634	ERROR: Range values out of order <i>upper_range</i> < <i>lower_range</i>
Description	The range values for the double routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the double routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	ubbconfig(5)

635	ERROR: More than one wild card in entry <i>range</i>
Description	More than one wild-card (*) range for the char routing data was specified in the data routing entry.
Action	Check your UBBCONFIG file for multiple definitions of wild-card ranges for the char 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	ubbconfig(5)

636	ERROR: Range values out of order <i>upper_range</i> < <i>lower_range</i>
Description	The range values for the char routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the char routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	ubbconfig(5)

637	ERROR: More than one wild card in entry <i>range</i>
Description	More than one wild-card (*) range for the string routing data was specified in the data routing entry.
Action	Check your UBBCONFIG file for multiple definitions of wild-card ranges for the string 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	ubbconfig(5)

638	ERROR: Range values out of order for the string routing data
Description	The range values for the string routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the string routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	<code>ubbconfig(5)</code>
639	ERROR: More than one wild card in entry <i>range</i>
Description	More than one wild-card (*) range for the carray routing data was specified in the data routing entry.
Action	Check your UBBCONFIG file for multiple definitions of wild-card ranges for the carray 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	<code>ubbconfig(5)</code>
640	ERROR: Range values out of order for the carray routing data
Description	The range values for the carray routing data are out of order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the carray routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	<code>ubbconfig(5)</code>
641	ERROR: Unknown field type was specified for data routing entry
Description	An unknown field type was specified in the data routing entry.
Action	Check the field types specified in the ROUTING section of the UBBCONFIG file.
See Also	<code>ubbconfig(5)</code>

642	ERROR: Expected colon to separate server group <i>range</i>
Description	Within a range and a server group pair, the range is separated from the server group by a colon (:) in the ROUTING section of the UBBCONFIG file.
Action	Check the range and server group specified in the ROUTING section of the UBBCONFIG file. A colon (:) is expected to separate the range and the server group.
See Also	ubbconfig(5)

643	ERROR: Expected comma after group name <i>grpname,string</i>
Description	Within a range and a server group pair, a comma (,) is expected after server group name in the ROUTING section of the UBBCONFIG file.
Action	Check the range and the server group specified in the ROUTING section of the UBBCONFIG file. A comma (,) is expected after the server group name.
See Also	ubbconfig(5)

644	ERROR: Expecting keyword MAX
Description	The keyword MAX is expected to indicate the maximum value for the data type of the associated field in the ROUTING section of the UBBCONFIG file.
Action	Check the range and server group specified in the ROUTING section of the UBBCONFIG file. The keyword MAX should be specified to indicate the maximum value for the data type of the associated field.
See Also	ubbconfig(5)

645	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 ROUTING section of the UBBCONFIG file.
Action	Check the range and the server group specified in the ROUTING section of the UBBCONFIG file. The keyword MIN should be specified to indicate the minimum value for the data type of the associated field.
See Also	ubbconfig(5)
646	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 ROUTING section of the UBBCONFIG file.
Action	Check the range and server group specified in the ROUTING section of the UBBCONFIG file. The keyword MAX or MIN should be specified to indicate the maximum or the minimum value for the data type of the associated field.
See Also	ubbconfig(5)
647	ERROR: Value out of range for a short <i>value</i>
Description	The routing value for a short routing data is out of range.
Action	Check routing range values for the short routing data in the ROUTING section of the UBBCONFIG file.
See Also	ubbconfig(5)
648	ERROR: Value out of range for an int <i>value</i>
Description	The routing value for an integer routing data is out of range.
Action	Check routing range values for the integer routing data in the ROUTING section of the UBBCONFIG file.
See Also	ubbconfig(5)

649	ERROR: Value out of range for a long <i>value</i>
Description	The routing value for a long routing data is out of range.
Action	Check routing range values for the long routing data in the ROUTING section of the UBBCONFIG file.
See Also	ubbconfig(5)
650	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 ROUTING section of the UBBCONFIG file.
See Also	ubbconfig(5)
651	ERROR: Value out of range for a float <i>value</i>
Description	The routing value for a float routing data is out of range.
Action	Check routing range values for the float routing data in the ROUTING section of the UBBCONFIG file.
See Also	ubbconfig(5)
652	ERROR: Value out of range for a double <i>value</i>
Description	The routing value for a double routing data is out of range.
Action	Check routing range values for the double routing data in the ROUTING section of the UBBCONFIG file.
See Also	ubbconfig(5)
653	ERROR: Expected single quote to begin char routing data <i>value</i>
Description	A single quote (') is expected at the beginning of char routing data.
Action	Check routing range values for the char routing data in the ROUTING section of the UBBCONFIG file. A char routing data must be begun with a single quote (').
See Also	ubbconfig(5)

654	ERROR: Expected single quote to end char routing data <i>value</i>
Description	A single quote (') is expected at the end of char routing data.
Action	Check routing range values for the char routing data in the <code>ROUTING</code> section of the <code>UBBCONFIG</code> file. A char routing data must be ended with a single quote (').
See Also	<code>ubbconfig(5)</code>
655	ERROR: No more string pool free space available for routing strings and carrays
Description	The routing string pool in the Bulletin Board is full when filling the data routing section with string and carray data.
Action	This is a system error, contact your BEA TUXEDO system Technical Support.
656	ERROR: Expected single quote for string/carray routing data <i>value</i>
Description	A single quote (') is expected for string and carray routing data.
Action	Check routing range values for string and carray routing data in the <code>ROUTING</code> section of the <code>UBBCONFIG</code> file. The string and carray routing data must be within single quotes (').
See Also	<code>ubbconfig(5)</code>
657	ERROR: No more string pool free space available for routing strings and carrays
Description	There is not enough routing free string pool space in the Bulletin Board when filling the data section with string and carray data.
Action	This is a system error, contact your BEA TUXEDO system Technical Support.
659	ERROR: Discovered a NULL character in string routing data <i>value</i>
Description	A NULL character is found in the string routing data.
Action	Check the string routing data for NULL characters in the <code>ROUTING</code> section of the <code>UBBCONFIG</code> file. A string value is terminated with a NULL character.
See Also	<code>ubbconfig(5)</code>

660	ERROR: [Unable to find server group section of TUXCONFIG file]
Description	A BEA TUXEDO system internal function was used to retrieve server group information from the TUXCONFIG file, but the function failed.
Action	Contact your BEA TUXEDO system Technical Support for assistance.

661	ERROR: Invalid logical machine name - <i>lmid</i>
Description	The logical machine name identifier provided is invalid. The most likely reason for that is a duplicate logical machine identifier.
Action	Check the configuration file and ensure that no duplicate logical machine names are being used. If so, correct the name and try the operation again.
See Also	ubbconfig(5), tmloadcf(1)

662	ERROR: Invalid logical machine name - <i>lmid</i>
Description	The logical machine name identifier provided is invalid. The most likely reason for that is a duplicate logical machine identifier.
Action	Check the configuration file and ensure that no duplicate logical machine names are being used. If duplicates are present, correct the name and try the operation again.
See Also	ubbconfig(5), tmloadcf(1)

663	ERROR: Invalid logical machine name for server group
Description	The logical machine name identifier provided for the server group is invalid.
Action	Check the configuration file and ensure that the LMID used for the server group is correct. Then try the operation again.
See Also	ubbconfig(5), tmloadcf(1)

664	ERROR: Duplicate server group entry
Description	A duplicate entry for server groups was defined.
Action	Check the configuration file and ensure that the server group names and IDs are unique. Then try the operation again.
See Also	<code>ubbconfig(5)</code> , <code>tmloadcf(1)</code>
665	ERROR: Invalid server group name - <i>svrgrp_name</i>
Description	Cannot retrieve server group from the Bulletin Board because an invalid server group name was given.
Action	This is a system error, contact your BEA TUXEDO system Technical Support.
666	ERROR: Message operation failed because the queue was removed
Description	<code>msgsnd</code> to a queue failed because the queue was removed.
Action	Check the message queues, or contact your BEA TUXEDO system Technical Support.
See Also	<code>intro(2)</code> , <code>msgsnd(2)</code> , <code>msgrcv(2)</code> , <code>msgctl(2)</code> in UNIX system reference manuals
667	ERROR: Message operation failed because of the bad message type
Description	<code>msgsnd</code> to a queue failed because of the bad message type.
Action	Check the message type in <code>msgsnd()</code> . The message is probably corrupted. Contact your BEA TUXEDO system Technical Support.
See Also	<code>intro(2)</code> , <code>msgsnd(2)</code> , <code>msgrcv(2)</code> , <code>msgctl(2)</code> in UNIX system reference manuals
668	ERROR: Message operation failed because the message size < 0
Description	<code>msgsnd</code> to a queue failed because the message size is less than zero.
Action	Check the message size in <code>msgsnd()</code> . The message is probably corrupted. Contact your BEA TUXEDO system Technical Support.
See Also	<code>intro(2)</code> , <code>msgsnd(2)</code> , <code>msgrcv(2)</code> , <code>msgctl(2)</code> in UNIX system reference manuals

669	ERROR: Message operation failed because of the invalid message queue identifier
Description	msgsnd to a queue failed because of invalid message queue identifier. This can also occur if a request is made by a client who exits before the request is satisfied. The cleanup after the client exits removes the message queue.
Action	Check the message queue identifier in <code>msgsnd ()</code> . The message may be corrupted. Contact your BEA TUXEDO system Technical Support.
See Also	<code>intro(2)</code> , <code>msgsnd(2)</code> , <code>msgrcv(2)</code> , <code>msgctl(2)</code> in UNIX system reference manuals

670	ERROR: Message operation failed because the message is too big
Description	msgsnd to a queue failed because the message is too big.
Action	Check the size of the message in <code>msgsnd ()</code> .
See Also	<code>intro(2)</code> , <code>msgsnd(2)</code> , <code>msgrcv(2)</code> , <code>msgctl(2)</code> in UNIX system reference manuals

671	ERROR: Message operation failed because the message queue is empty
Description	msgsnd to a queue failed because the message queue is empty.
Action	Check the message queues.
See Also	<code>intro(2)</code> , <code>msgsnd(2)</code> , <code>msgrcv(2)</code> , <code>msgctl(2)</code> in UNIX system reference manuals

672	ERROR: Message operation failed because the message queue or the system is full
Description	msgsnd to a queue failed because the message queue or the system is full.
Action	Check kernel parameters for message queues. Re-configure your system to meet your needs.
See Also	<code>intro(2)</code> , <code>msgsnd(2)</code> , <code>msgrcv(2)</code> , <code>msgctl(2)</code> in UNIX system reference manuals

673	ERROR: Message operation failed because the access permissions were denied
Description	msgsnd to a queue failed because the message queue cannot be accessed.
Action	Check the message queue permissions.
See Also	intro(2), msgsnd(2), msgrcv(2), msgctl(2) in UNIX system reference manuals
674	ERROR: Message operation failed because of a bad address
Description	msgsnd to a queue failed because the message pointer is pointing to an illegal address.
Action	Check the address of the message queue pointer, or contact your BEA TUXEDO system Technical Support.
See Also	intro(2), msgsnd(2), msgrcv(2), msgctl(2) in UNIX system reference manuals
675	ERROR: Message operation failed due to unknown causes
Description	msgsnd to a queue failed due to unknown causes.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	intro(2), msgsnd(2), msgrcv(2), msgctl(2) in UNIX system reference manuals
678	ERROR: Message send/receive failure for remote procedure call
Description	<p>msgsnd/rcv failed for remote procedure call requests that are sent to the DBBL (or BBL in SHM mode). Possible causes:</p> <ol style="list-style-type: none"> 1. cannot find DBBL 2. a server died 3. messages send/receive failed.
Action	Check DBBL, servers, and message queues, or contact your BEA TUXEDO system Technical Support. See Messages 503, 505, and 506 in this chapter for explanation
See Also	intro(2), msgsnd(2), msgrcv(2), msgctl(2) in UNIX system reference manuals

679	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while making a private copy of the bulletin board.
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.

680	ERROR: Effective UID or GID does not match bulletin board
Description	The calling process's effective user-id, UID, or group-id, GID, is incorrect. They should match the UID and GID specified in the <code>RESOURCES</code> or <code>*MACHINES</code> section of the configuration file.
Action	Run the process with the correct effective UID and GID.

681	ERROR: Failure to create message queue
Description	A UNIX system message queue could not be created during BEA TUXEDO system process initialization.
Action	Verify the UNIX's kernel parameters related to message queues, and increase if necessary. In particular, check <code>MSGMNI</code> . The BEA TUXEDO system's multi-server single queue, <code>MSSG</code> , feature allows multiple servers to share the same queue, reducing the number required.
See Also	<i>BEA TUXEDO Installation Guide</i>

682	ERROR: Send/receive error for remote procedure call
Description	A message send failed. The message send failure may have resulted from a message type switch function failure, an invalid message length, or a low level message send failure.
Action	Check for a partitioned network, corrupted shared memory, all administrative processes are running, and <code>sysgen</code> parms for messages are appropriate.

683	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while creating a system message buffer.
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.
684	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while a server process was trying to advertise its services.
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.

687 ERROR: Received message with an unknown release number *X*

Description A BEA TUXEDO system message was received with an unknown release number in its message header. Messages from both the current release and the previous release are understood. This does not include minor “point” maintenance releases. For example, a 4.2.1 BEA TUXEDO system process understands 4.2.1, 4.2, and 4.1 message formats. It does not understand a release 4.0 message, since that is two major releases old.

There is a different problem if the unknown release number is 0 or a very large number. It has been observed that if the underlying TCP/IP network is unreliable, and drops bytes from the middle of messages, this “unknown release number” error may occur frequently. It would typically be reported by the BRIDGE or WSH process. The problem is that the BEA TUXEDO system message header describes how many bytes follow the header. If some are lost by the network, all subsequent message headers will not be in the correct position in the data stream.

Action Upgrade any machines in the network running an old release of the BEA TUXEDO system. Note that the MASTER and BACKUP must be upgraded first, so they are always running the most recent version. Investigate and resolve any networking problems. TCP/IP should guarantee reliable end-to-end transport of data.

689 ERROR: Received a message that is smaller than system minimum

Description A BEA TUXEDO system message was received by the process, and is known to be invalid because it was too small.

Action A likely cause is a compressed message being received by a process linked with release 4.2 or earlier BEA TUXEDO system libraries. The message compression feature was introduced in release 4.2.1, and should not be enabled until the entire application is running 4.2.1 or a later release. This includes application client and server processes, which need to be relinked.

695 ERROR: Unknown table type given

Description An internal BEA TUXEDO system table was requested, and could not be read because its type is unknown.

Action Contact your BEA TUXEDO system Technical Support.

696	ERROR: Missing search key
Description	An internal BEA TUXEDO system table was requested, and could not be read because a search key was not provided to the low-level access routine.
Action	Contact your BEA TUXEDO system Technical Support.
697	ERROR: Missing search key
Description	An internal BEA TUXEDO system table was requested, and could not be read because a search key was not provided to the low-level access routine.
Action	Contact your BEA TUXEDO system Technical Support.
698	ERROR: Invalid search key
Description	An internal BEA TUXEDO system table was requested, and could not be read because an invalid search key was passed to the low-level access routine.
Action	Contact your BEA TUXEDO system Technical Support.
699	ERROR: Missing search key
Description	An internal BEA TUXEDO system table was requested, and could not be read because a search key was not provided to the low-level access routine.
Action	Contact your BEA TUXEDO system Technical Support.

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700	ERROR: Invalid search key
Description	An internal BEA TUXEDO system table was requested, and could not be read because an invalid search key was passed to the low-level access routine.
Action	Contact your BEA TUXEDO system Technical Support.
701	ERROR: [Parameter error in internal routine]
Description	One of the internal routines to modify structures in the TUXEDO System/T bulletin board received a parameter that did not match any of the allowable values.
Action	Contact your BEA TUXEDO system Technical Support.
703	ERROR: Cannot get statistics on message queue number
Description	A msgctl kernel call performing an IPC-STAT operation failed for message queue <i>number</i> .
Action	Contact your BEA TUXEDO system Technical Support.

704	ERROR: Operating system parameter for message queues too small
Description	The UNIX System kernel parameters related to message queues are set too low.
Action	Check the kernel parameters related to message queue capacities, and increase if necessary. In particular, check MSGMNB.
See Also	<i>BEA TUXEDO Installation Guide</i>
705	ERROR: No BRIDGE available for remote send
Description	A BEA TUXEDO system process attempted to send a message to another machine, but the BRIDGE system process could not be located.
Action	Shut down and reboot the BEA TUXEDO system on this machine.
709	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while searching for the BRIDGE system process's server table entry.
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.
710	ERROR: Server table index out of range
Description	A service could not be advertised because of an invalid internal handle identifying the server process offering it.
Action	Contact your BEA TUXEDO system Technical Support.
711	ERROR: Server table index out of range
Description	A service could not be advertised because of an internal data structure inconsistency.
Action	Contact your BEA TUXEDO system Technical Support.

712	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while advertising a service.
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.

713	ERROR: Queue parameter error in internal routine
Description	One of the internal routines to manage TUXEDO System/T data structures received an invalid queue table parameter. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.

715	ERROR: Cannot attach bulletin board — magic number mismatch
Description	The process just attached to a shared memory region, expecting to find a BEA TUXEDO system bulletin board. The header's magic number indicates that it is not a valid bulletin board.
Action	Verify that the configuration file's <code>IPCKEY</code> parameter is unique, and not being used by any other software product on the machine. The UNIX <code>ipcs</code> utility may help diagnose the conflict.

716	ERROR: Cannot attach bulletin board — wrong release of software
Description	The BEA TUXEDO system software has been updated on the machine, but this process has not been rebuilt with the new libraries. It therefore cannot interpret the bulletin board data structures.
Action	Rebuild the process with updated BEA TUXEDO system libraries.
See Also	<code>buildclient(1)</code> , <code>buildserver(1)</code> , <code>buildtms(1)</code> , <code>buildwsh(1)</code> , <code>buildmio(1)</code>

717	ERROR: Cannot attach to or create shared memory
Description	The calling process could not attach to the bulletin board's shared memory. It then attempted to create the bulletin board, but did not have the correct permissions to do so.
Action	Verify that the configuration file's IPCKEY parameter is correct, and that the application is booted.
721	ERROR: Server group creation failure
Description	A server group entry in the bulletin board could not be created due to an internal error.
Action	Contact your BEA TUXEDO system Technical Support.
722	ERROR: Cannot add subtype to bulletin board
Description	A subtype could not be added to the bulletin board due to an internal error.
Action	Contact your BEA TUXEDO system Technical Support.
723	ERROR: Cannot add subtype: no more room in subtype table
Description	The bulletin board's subtype table is full, and a new subtype cannot be added.
Action	Increase the MAXBUFSTYPE parameter in the configuration file's RESOURCES section.
724	ERROR: Service information invalid
Description	A BEA TUXEDO system internal function was used to retrieve service information from the services table, but a NULL service name was used.
Action	Contact your BEA TUXEDO system Technical Support for assistance.
725	ERROR: Server information invalid, does not exist
Description	An internal error occurred while a service was being added to the bulletin board's tables.
Action	Contact your BEA TUXEDO system Technical Support.

726	ERROR: Server information invalid, does not exist
Description	An internal data structure inconsistency was detected while a service was being added to the bulletin board's tables.
Action	Contact your BEA TUXEDO system Technical Support.
727	ERROR: [Server parameter error in internal routine]
Description	The internal routine to create a server table entry received invalid parameters. This should not happen during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
728	ERROR: [Queue parameter error in internal routine]
Description	One of the internal routines to manage TUXEDO System/T data structures received an invalid queue table parameter. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
729	ERROR: Server not available, doing work
Description	An attempt to create a server table entry failed because the server was busy.
Action	Wait until the server is no longer busy, and then retry the failed operation.
730	ERROR: No space for another queue table entry
Description	There are no more queue table entries left in the system. The number of queue table entries is equal to the maximum number of servers as specified in the UBBCONFIG file.
Action	Increase the maximum number of servers, as specified by the MAXSERVERS parameter in the RESOURCES section of the UBBCONFIG file. This can be done by editing the configuration file and reloading it with <code>tmloadcf(1)</code> , or it can be done through dynamic administration using the <code>tmconfig(1)</code> command.
See Also	<code>ubbconfig(5)</code> , <code>tmloadcf(1)</code> , <code>tmconfig(1)</code>

732	ERROR: BBL unstable or dead
Description	The BBL (Bulletin Board Liaison) process is unstable or dead.
Action	Look for associated messages in the userlog related to the BBL. These may give more insight about the problem. If using a multi-node configuration, make certain that the network is operating properly and has sufficient bandwidth. Verify that the TUXEDO System/T administrator or the UNIX System administrator did not kill the BBL process. Oftentimes, a network that is inoperative or slow may result in a BBL response problem.
733	ERROR: [Type information invalid]
Description	The internal routine to create an entry in the bulletin board types table was passed invalid parameters. This should not happen during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
734	ERROR: Cannot add to type table due to lack of space
Description	There are no more type table entries left in the system. An attempt to add an additional type to the bulletin board has failed due to a lack of space. The number of type table entries is equal to the number specified in the UBBCONFIG file.
Action	Increase the maximum number of type table entries, as specified by the MAXBUFTYPE parameter in the RESOURCES section of the UBBCONFIG file. This can be done by editing the configuration file and reloading it with <code>tmloadcf(1)</code> , or it can be done through dynamic administration using the <code>tmconfig(1)</code> command.
See Also	<code>ubbconfig(5)</code> , <code>tmloadcf(1)</code> , <code>tmconfig(1)</code>
735	ERROR: [Queue parameter error in internal routine]
Description	See message 728 for an explanation.
Action	See message 728 for an explanation.

736	ERROR: [Cannot delete entry from queue table due to invalid server association]
Description	An attempt to delete an entry from the internal TUXEDO System/T queue table failed while attempting to delete one of the servers associated with the queue. This should not happen during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.

737	ERROR: [Invalid service information passed to internal routine]
Description	One of the internal routines to manage TUXEDO System/T data structures received an invalid service table parameter. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.

738	ERROR: [Invalid server information passed to internal routine]
Description	One of the internal routines to manage TUXEDO System/T data structures received an invalid server table parameter. This should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.

739	ERROR: [Inconsistent service/server associations in bulletin board]
Description	The TUXEDO System/T bulletin board data structures contain an invalid service/server association. This indicates a corruption of data structures and should not occur during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.

741	ERROR: Routing function failed
Description	The function used to perform data dependent routing during a service call returned an error. If using the TUXEDO System/T supplied routing functions, a previous userlog message will give more specifics as to the cause of the error. If the application administrator modified the buffer type switch to add additional routing functions, a previous userlog message may or may not be present.
Action	Refer to the previous message in the userlog for more information on the cause of the error.
See Also	ubbconfig(5), tuxtypes(5)
742	ERROR: Unknown group name returned from routing function
Description	The function used to perform data dependent routing during a service call indicated that the current data is to be routed to a group name that does not exist. If using the routing functions for TUXEDO System/T supplied types, this should not happen.
Action	Contact your BEA TUXEDO system Technical Support.
743	ERROR: No service 'service_name' in group 'group_name'
Description	The service <i>service_name</i> is not offered as part of group <i>group_name</i> . This message may occur when the routing criterion associated with service <i>service_name</i> specifies one or more groups in which the service is not currently offered.
Action	Examine the routing criterion associated with <i>service_name</i> in the configuration file. Make certain that service <i>service_name</i> is offered in each group listed in the routing criterion. If the service is temporarily not available in a particular group, start the server(s) that offers <i>service_name</i> in that group. If <i>service_name</i> is not meant to be offered in a particular group, modify the routing criterion so that group is no longer listed.

744	ERROR: Not attached to a Bulletin Board
Description	The process producing this error message is not attached to the TUXEDO System/T configuration.
Action	If this message occurred in a client process, make sure that the process successfully invokes <code>tpinit()</code> before issuing any other System/T calls (with the exception of calls noted as being specifically allowed prior to <code>tpinit()</code>). If the error occurred within an administrative process or a server process, contact your BEA TUXEDO system Technical Support.
745	ERROR: Process not attached to a Bulletin Board
Description	See message 744 for an explanation.
Action	See message 744 for an explanation.
746	ERROR: Cannot lock Bulletin Board
Description	A process was unable to lock the TUXEDO System/T shared memory data structures.
Action	Contact your BEA TUXEDO system Technical Support.
747	ERROR: Process not attached to Bulletin Board
Description	See message 744 for an explanation.
Action	See message 744 for an explanation.
748	ERROR: Cannot unlock Bulletin Board
Description	The process was unable to successfully unlock the TUXEDO System/T Bulletin Board. As a result of this problem, other processes will be unable to lock the Bulletin Board. The most common cause of this error is the accidental removal of some or all of the TUXEDO System/T semaphore sets.
Action	Ask the privileged users on your system (normally the TUXEDO System/T administrator and root) whether they may have accidentally removed some IPC resources, 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.

749	ERROR: Cannot unlock Bulletin Board, not the locker
Description	The process attempted to unlock the TUXEDO System/T Bulletin Board, but it was not the locker of the Bulletin Board. Because of this, no change was made to the status of the Bulletin Board.
Action	Contact your BEA TUXEDO system Technical Support.
751	ERROR: semop system call failure for semaphore <i>semno</i>, <i>errno</i> = <i>errno_val</i>
Description	A <code>semop(2)</code> system call failed for one of the semaphores that control access to TUXEDO System/T 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</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 (
752	ERROR: semop system call failure for semaphore <i>semno</i>, <i>errno</i> <i>errno_val</i>
Description	See message 751 for an explanation.
Action	See message 751 for an explanation.
753	ERROR: [Invalid service information passed to internal routine]
	See message 737 for an explanation.
	See message 737 for an explanation.

754 ERROR: Service does not match existing services offered

Description When a new server is added to an existing group of servers on an MSSQ set, the new server must offer the same set of services as the existing servers, and these services must be performed by the same service functions. Also, the executable for the new server must be the same file as the existing server(s) on the queue, or a link to the same file. The server being started did not obey these restrictions.

Action Make sure that the path name of the new server executable is the same as the path name for the existing server(s) on the queue used by the new server. Determine the services currently advertised on the server queue, and make sure that the new server offers the same set of services. The services currently offered on a queue can be determined through the `tmadmin(1) printservice` command with the `-q` option.

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

755 ERROR: Restarting server cannot delete queue

Description A server being restarted by the `restartsrv(1)` command was unable to delete an entry from the TUXEDO System/T queue table.

Action Contact your BEA TUXEDO system Technical Support.

See Also `restartsrv(1)`

756 ERROR: Cannot get status for server files *new_server_executable* and *existing_server_executable*

Description When adding a server to an MSSQ set on which there are already one or more servers executing, the BEA TUXEDO system verifies that the new server either has the same file name as the existing server(s) or is a link to these server(s). This latter check requires executing the UNIX System `stat(2)` system call on the new server and an existing server. This call failed for one or both of these servers. As a result of this failure, the new server will not be started.

Action Make certain that both files listed in the error message exist, that all components in the path prefixes of these files are directories, and that the user ID under which the new server is being started has search permission on every directory in the path prefix. Refer to the UNIX System `stat(2)` reference page for further information.

See Also `stat(2)`

757 ERROR: Memory allocation failure

Description The BEA TUXEDO system received an error return when attempting to allocate memory from the operating system

Action Attempt to decrease the amount of memory required by TUXEDO System/T, or add more physical memory to the machine. The amount of memory required by the BEA TUXEDO system is influenced by the parameters given in the `UBBCONFIG` file. Refer to the *Administering the BEA TUXEDO System* for further information. The number of processes running on a machine and the options given to those processes also have a large effect on memory usage.

758 ERROR: Cannot find desired server to remove

Description While attempting to remove a server from the TUXEDO System/T bulletin board, the BEA TUXEDO system was unable to find the server in its internal tables.

Action Contact your BEA TUXEDO system Technical Support.

759	ERROR: Cannot find queue entry for server that is to be removed
Description	While attempting to remove a server from the TUXEDO System/T bulletin board, the BEA TUXEDO system was unable to find the queue associated with the server in its internal tables
Action	Contact your BEA TUXEDO system Technical Support.
760	ERROR: [Queue parameter error in internal routine]
Description	See message 728 for an explanation.
Action	See message 728 for an explanation.
761	ERROR: [Queue parameter error in internal routine]
Description	See message 728 for an explanation.
Action	See message 728 for an explanation.
762	ERROR: [Parameter error in internal routine]
Description	One of the internal routines to modify structures in the TUXEDO System/T bulletin board received a parameter that did not match any of the allowable values.
Action	Contact your BEA TUXEDO system Technical Support.
763	ERROR: [Server group parameter error in internal routine]
Description	One of the internal TUXEDO System/T routines to manipulate server group parameters within the bulletin board received an invalid input parameter. This should not happen during normal system operation.
Action	Contact your BEA TUXEDO system Technical Support.
764	ERROR: [Server group parameter error in internal routine]
Description	See message 763 for an explanation.
Action	See message 763 for an explanation.

765	ERROR: [Server group parameter error in internal routine]
Description	See message 763 for an explanation.
Action	See message 763 for an explanation.
766	ERROR: [Parameter error in internal routine]
Description	See message 762 for an explanation.
Action	See message 762 for an explanation.
767	ERROR: [Parameter error in internal routine]
Description	See message 762 for an explanation.
Action	See message 762 for an explanation.
768	ERROR: [Invalid service information passed to internal routine]
Description	See message 737 for an explanation.
Action	See message 737 for an explanation.
769	ERROR: [Invalid service information passed to internal routine]
Description	See message 737 for an explanation.
Action	See message 737 for an explanation.
770	ERROR: [Invalid service information passed to internal routine]
Description	See message 737 for an explanation.
Action	See message 737 for an explanation.
771	ERROR: [Invalid service information passed to internal routine]
Description	See message 737 for an explanation.
Action	See message 737 for an explanation.
772	ERROR: Invalid search criteria given
Description	See message 762 for an explanation.
Action	See message 762 for an explanation.

773	ERROR: Invalid server information given
Description	This error occurs when a client or server is requesting to look up server table entries in the Bulletin Board by <code>SRVID</code> and <code>GROUPID</code> , and supplies incorrect or <code>NULL</code> arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.

774	ERROR: Invalid server information given
Description	This error occurs when a client or server is requesting to look up server table entries in the Bulletin Board by <code>GROUP</code> and <code>MACHINE</code> , and supplies incorrect or <code>NULL</code> arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.

775	ERROR: Invalid queue information given
Description	This error occurs when a client or server is requesting to look up server table entries in the Bulletin Board by <code>QUEUE</code> name, and supplies incorrect or <code>NULL</code> arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.

776	ERROR: Invalid server information given
Description	This error occurs when a client or server is requesting to look up server table entries in the Bulletin Board by using the <code>rlink</code> field or a <code>TMID</code> , and supplies incorrect or <code>NULL</code> arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.

777	ERROR: Invalid search criteria given
Description	This error occurs when a client or server is requesting to look up server table entries in the Bulletin Board and supplies an incorrect or <code>NULL</code> scope argument. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.

778	ERROR: Invalid queue information given
Description	This error occurs when a client or server is requesting to update queue table entries in the Bulletin Board and supplies incorrect or NULL arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.
779	ERROR: Invalid server group information given
Description	This error occurs when a client or server is requesting to update server group table entries in the Bulletin Board and supplies incorrect or NULL arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.
780	ERROR: Invalid entry information given
Description	This error occurs when a client or server is requesting to update the status of table entries in the Bulletin Board and supplies incorrect or NULL arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.
781	ERROR: Invalid service information given
Description	This error occurs when a client or server is requesting to update service table entries in the Bulletin Board and supplies incorrect or NULL arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.
782	ERROR: Invalid server information given
Description	This error occurs when a client or server is requesting to update server table entries in the Bulletin Board and supplies incorrect or NULL arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.

788	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc(3)</code> failed.
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. Increase the space on the swap device.
See Also	<code>malloc(3)</code> in UNIX System reference manuals

789	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc(3)</code> failed.
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. Increase the space on the swap device.
See Also	<code>malloc(3)</code> in UNIX System reference manuals

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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. Increase the space on the swap device.
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792	ERROR: Memory allocation failure
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793	ERROR: Memory allocation failure
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See Also	<code>malloc(3)</code> in UNIX System reference manuals

7 LIBTUX Messages

1000-1099

1000	ERROR: System clock has been reset to prior time. Reset again to time after time.
Description	The system clock as been reset such that the current time precedes the timestamps in the transaction log.
Action	Reset the system clock to the correct time. Retry the operation again, and if the problem persists, contact your BEA TUXEDO system Technical Support.
1001	ERROR: Cannot receive reply because MSSQ is specified but REPLYQ is N
Description	An error has occurred in receiving a reply from either a <code>tpcall(3c)</code> or <code>tpacall(3c)</code> because the configuration file specifies that there should be no reply queue established for that particular server.
Action	If the server is expected to receive <code>tpacall(3c)</code> or <code>tpcall(3c)</code> replies, check and edit the <code>ubbconfig(5)</code> file and specify <code>REPLYQ=Y</code> to establish a reply queue for that particular server. If the server is not to receive replies, then use <code>tpacall(3c)</code> with the flags parameter set to <code>TPNOREPLY</code> .
See Also	<code>ubbconfig(5)</code> , <code>tpcall(3c)</code> , <code>tpacall(3c)</code>

1002	ERROR: tpforward called in conversational server; service error returned to originator
Description	tpforward() cannot be used within a conversational service routine. The service returns TPESVCERR or the TPEV_SVCERR event to the process on the other end of the conversation. The conversation is terminated.
Action	The service routine should be changed to use tpreturn() instead of tpforward().
See Also	tpforward(3c), tprecv(3c), tpsend(3c)
1003	ERROR: xa_end flags returned error status
Description	This message is issued if the process receiving a reply encounters an error upon calling the database resource manager with xa_end(). The transaction fails to commit. The message prints the error code that the function returned.
Action	Contact your BEA TUXEDO system Technical Support or your database system vendor.
1004	ERROR: xa_abort returned error
Description	This message is issued when BEA TUXEDO tries unsuccessfully to rollback a transaction via xa_rollback() after receiving a reply. The message prints the error code that the function returned.
Action	Contact your BEA TUXEDO system Technical Support or your database system vendor. See the userlog for more information on the outcome of the transaction. Also, use tmdadmin's printtrans command to find out more information about the transaction.
1005	INFO: Switched to dip-in based notification
Description	When the client is joining the application, the specified or default notification is set to signal based. But to use signal based notification, the userid must be the administrator's. This message alerts the switch in the notification mechanism.
Action	No action necessary.

1006	INFO: Using dip-in based notification instead of application default setting
Description	When the client is joining the application, the notification mechanism is set to signal based (the application default). But to use signal based notification, the user must be the administrator. This message alerts the switch in the notification mechanism.
Action	No action necessary.
1007	INFO: Notification mechanism unknown. Switching to dip-in based notification
Description	The notification mechanism is not specified, so the default (dip-in based) is used.
Action	No action necessary.
1008	ERROR: Cannot open TUXCONFIG file
Description	During authentication, the TUXCONFIG file cannot be opened.
Action	Verify that the environment variable TUXCONFIG is set correctly and exported, or that the TUXCONFIG file is not corrupted (try a <code>tmunloadcf</code>), or the TUXCONFIG file was propagated to all machines in the configuration.
1009	ERROR: Cannot read the RESOURCES section of the TUXCONFIG file
Description	During authentication, the TUXCONFIG file is opened and the RESOURCES section is read. The RESOURCES section cannot be read. The TUXCONFIG file has probably been corrupted.
Action	To verify that the TUXCONFIG file is not corrupted, try a <code>tmunloadcf</code> .
See Also	<code>tmunloadcf(1)</code>
1010	ERROR: Failed to allocate space for authentication service reply message
Description	An attempt to dynamically allocate memory from the operating system using <code>tpalloc()</code> failed while setting up space for an authentication service reply.
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.

1013 ERROR: Migration failed: invalid type	
Description	The migration type code passed to the migration function is not valid.
Action	Contact your BEA TUXEDO system Technical Support.
1014 ERROR: Migration failed: Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc()</code> failed while setting up a temporary data structure for the server table entry.
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.
1015 ERROR: Migration failed: Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc()</code> failed while setting up a temporary data structure for the server group entry.
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.
1016 ERROR: Migration failed: Memory allocation failure	
Description	An attempt to dynamically allocate memory from the operating system using <code>malloc()</code> failed while setting up a temporary data structure for the group process table.
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.

1017	ERROR: Migration failed: no group name
Description	The group name passed to the migration function was empty.
Action	Verify that the group name for the migration request is valid. If so, contact your BEA TUXEDO system Technical Support.
See Also	tmadmin(1)
1018	ERROR: Migration failed: bad group name, tperrno = <i>tperrno_val</i>
Description	The group name passed to the migration function was invalid.
Action	Verify that the group name for the migration request is valid. If so, contact your BEA TUXEDO system Technical Support.
See Also	tmadmin(1)
1019	ERROR: Migration failed: no machine name
Description	The machine name passed to the migration function was empty.
Action	Verify that the machine name for the migration request is valid. If so, contact your BEA TUXEDO system Technical Support.
See Also	tmadmin(1)
1020	ERROR: Migration failed: bad machine name, tperrno = <i>tperrno_val</i>
Description	The machine name passed to the migrate function was invalid.
Action	Verify that the machine name for the migration request is valid. If so, contact your BEA TUXEDO system Technical Support.
1021	ERROR: Migration failed: invalid current location
Description	The entry in the server group table for the current lmid (the location that the servers are to be migrated from) is invalid.
Action	Contact your BEA TUXEDO system Technical Support.
1023	ERROR: Migration failed: cannot update server group information
Description	An attempt failed trying to update the entry or entries in the server group table.
Action	Contact your BEA TUXEDO system Technical Support.

1024	ERROR: Migration failed: cannot update server information
Description	<p>While updating the local bulletin board, an error occurred. This error could be caused by the following:</p> <ul style="list-style-type: none"> ◆ A failure to lock the bulletin board. ◆ Queue or server information could not be retrieved. ◆ The failure to unlock the bulletin board.
Action	Check the userlog for more information.
1026	ERROR: Migration failed: cannot migrate group on machine
Description	<p>A request to migrate the server group(s) to the BBL on the alternate location has failed. This error could be caused by the following:</p> <ul style="list-style-type: none"> ◆ The failure to retrieve information from the bulletin board. ◆ The request message itself could not be built. ◆ A failure occurred during the send/receive of the request.
Action	Check the userlog for more information.
1027	ERROR: Migration failed: cannot retrieve new server information
Description	<p>The verification of the alternate location has failed. The bulletin board has been checked for consistency, and one of the following errors has happened:</p> <ul style="list-style-type: none"> ◆ A timeout occurred before the information could be verified. ◆ A lock was not granted for the bulletin board. ◆ The server information could not be retrieved. ◆ The bulletin board lock could not be released. ◆ The server has been “cleaning up” for an inordinate period of time.
Action	Check the userlog for additional information to properly diagnose this error.
1029	ERROR: Migration failed: cannot find BBL information for <i>lmid</i>
Description	<p>An attempt to retrieve the server table entry for the servers to be migrated failed. The requested entry was not found. This error is probably the result of an internal corruption of the bulletin board and not the result of anything the user has done.</p>
Action	Contact your BEA TUXEDO system Technical Support.

1030	ERROR: Migration failed: cannot retrieve BBL information for <i>lmid</i>, tperrno = <i>tperrno_val</i>
Description	An attempt to retrieve the server table entry for the servers to be migrated failed. This error is probably the result of an internal corruption of the bulletin board and not the result of anything the user has done.
Action	Contact your BEA TUXEDO system Technical Support.

1031	ERROR: Migration failed: cannot make request message
Description	Creating an internal system message for the migrating servers fails. This error is due to the inability to allocate enough memory for the message.
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 physical memory usage on the machine or increase the amount of physical memory on the machine.

1032	ERROR: Migration failed: cannot send service request to BBL on <i>lmid</i>
Description	The service request to start the migrating servers on the new site has failed.
Action	Check the userlog for additional information to determine the proper action to be taken.

1033	ERROR: Migration failed: invalid response from BBL on <i>lmid</i>
Description	The response for the request to start the migrated servers on <i>lmid</i> returns an error. The bulletin board on the machine <i>lmid</i> was unstable at the time of the migration request and therefore was aborted.
Action	Check the status of the bulletin board on <i>lmid</i> by using the <code>tmadmin()</code> sub-command <code>printserver</code> . If the system is still running, try the command again and if it fails again, contact your BEA TUXEDO system Technical Support. Otherwise, the machine <i>lmid</i> must be restarted before a migration may occur.
See Also	<code>tmadmin(1)</code>

1034	ERROR: Migration failed: invalid response from BBL on <i>lmid</i>, <i>tperrno</i> = <i>tperrno_val</i>
Description	The response for the request to start the migrated servers on <i>lmid</i> returns an unknown status code. The bulletin board on the machine <i>lmid</i> was unstable at the time of the migration request and therefore was aborted.
Action	Check the status of the bulletin board on <i>lmid</i> by using the <code>tmadmin()</code> sub-command <code>printserver</code> . If the system is still running, try the command again and if it fails again, contact your BEA TUXEDO system Technical Support. Otherwise, the machine <i>lmid</i> must be restarted before a migration may occur.
See Also	<code>tmadmin(1)</code>
1035	ERROR: Migration failed: cannot lock BB, <i>tperrno</i> = <i>tperrno_val</i>
Description	While confirming that all relevant servers are shut down for migration, the lock for the bulletin board has not been granted.
Action	This may be the result of a transitive failure of a process attached to the bulletin board. Try the command again; if this fails, contact your BEA TUXEDO system Technical Support.
1036	ERROR: Migration failed: cannot retrieve server information, <i>tperrno</i> = <i>tperrno_val</i>
Description	While confirming that all relevant servers are shut down for migration, the server information in the bulletin board cannot be retrieved.
Action	This may be the result of a transitive failure of a process attached to the bulletin board. Try the command again; if this fails, contact your BEA TUXEDO system Technical Support.
1037	ERROR: Migration failed: server not shutdown
Description	While attempting to migrate server(s) to another machine, the system is unable to process this request because a server remains running. All of the servers affected by this request must be shut down before a migration command is issued.
Action	Shut down the desired servers with the <code>relocate (-R)</code> option and retry the request.

1038	ERROR: Migration failed: cannot unlock BB, tperrno = <i>tperrno_val</i>
Description	While attempting to update internal information of server(s) to be migrated, the local bulletin board is unable to be unlocked.
Action	This may be the result of a transitive failure of a process attached to the bulletin board. Try the command again; if this fails, contact your BEA TUXEDO system Technical Support.
1039	ERROR: Migration failed: cannot lock BB, tperrno = <i>tperrno_val</i>
Description	While attempting to update internal information of server(s) to be migrated, the local bulletin board is unable to be locked.
Action	This may be the result of a transitive failure of a process attached to the bulletin board. Try the command again; if this fails, contact your BEA TUXEDO system Technical Support.
1040	ERROR: Migration failed: cannot retrieve queue information, tperrno = <i>tperrno_val</i>
Description	While attempting to update the queue table entry of the servers to be migrated, the queue table entry cannot be retrieved. This error is probably the result of an internal corruption of the bulletin board and not the result of anything the user has done.
Action	Contact your BEA TUXEDO system Technical Support.
1041	ERROR: Migration failed: cannot update server information, tperrno = <i>tperrno_val</i>
Description	While attempting to update the server table entry for the servers to be migrated, the required entry cannot be retrieved. This error is probably the result of an internal corruption of the bulletin board and not the result of anything the user has done.
Action	Contact your BEA TUXEDO system Technical Support.
1042	ERROR: Migration failed: cannot unlock BB, tperrno = <i>tperrno_val</i>
Description	While attempting to update internal information of server(s) to be migrated, the local bulletin board is unable to be unlocked.
Action	This may be the result of a transitive failure of a process attached to the bulletin board. Try the command again; if this fails, contact your BEA TUXEDO system Technical Support.

1043	ERROR: Migration failed: time out occurred
Description	During the verification of the alternate location after the servers have been migrated, a failure has occurred. The verification request has timed out.
Action	Check the status of the bulletin board on the alternate location. This may be accomplished by using the <code>tmadmin()</code> subcommand <code>printserver</code> . If this location is still running, try the <code>migrate</code> command again and if a failure occurs, contact your BEA TUXEDO system Technical Support. If the alternate location doesn't respond, you will have to reboot this site before migration may occur.
See Also	<code>tmadmin(1)</code>
1044	ERROR: Migration failed: cannot lock BB, <i>tperrno = tperrno_val</i>
Description	During the migration verification of the alternate location after the servers have been migrated, a failure has occurred. The bulletin board was not able to be locked.
Action	This may be the result of a transitive failure of a process attached to the bulletin board. Try the command again; if this fails, contact your BEA TUXEDO system Technical Support.
1045	ERROR: Migration failed: server(<i>server_id/group_id</i>) failed to migrate, <i>tperrno = tperrno_val</i>
Description	The bulletin board of an alternate location reported that the server information requested was not found. This error is probably the result of an internal corruption of the bulletin board and not the result of anything the user has done.
Action	Contact your BEA TUXEDO system Technical Support.
1046	ERROR: Migration failed: cannot retrieve server (<i>server_id/group_id</i>) information, <i>tperrno = tperrno_val</i>
Description	The bulletin board of an alternate location reported that the server information requested was not found. This error is probably the result of an internal corruption of the bulletin board and not the result of anything the user has done.
Action	Contact your BEA TUXEDO system Technical Support.

1047	ERROR: Migration failed: cannot unlock BB, tperrno = <i>tperrno_val</i>
Description	During the migration verification of the alternate location after the servers have been migrated, a failure has occurred. The bulletin board was not able to be unlocked (or released).
Action	This may be the result of a transitive failure of a process attached to the bulletin board. Try the command again; if this fails, contact your BEA TUXEDO system Technical Support.
1048	ERROR: Migration failed: server (<i>server_id/group_id</i>) still cleaning
Description	The verification of the alternate location has failed because the server <i>server_id</i> is still cleaning up its entries in the bulletin board.
Action	Contact your BEA TUXEDO system Technical Support.
1052	ERROR: Request/response request received in conversational server
Description	A message request was received by a conversational server from a request/response server.
Action	Verify that the service name used in a tpcall, tpacall, or tpforward belongs to a request/response server and not a conversational server.
1053	ERROR: Conversational request received in request/response server
Description	A message request was received by a request/response server from a conversational server.
Action	Verify that the service name in tpconnect belongs to a conversational server and not a request/response server.
1055	ERROR: Memory allocation failure
Description	While attempting to restart a server, the BEA TUXEDO system needed to allocate a memory buffer. This memory allocation failed.
Action	Contact your UNIX Administrator.

1056 ERROR: Char range with MAX as lower value has values out of order	
Description	If MAX is specified for the char lower routing range, then its corresponding upper routing range must also be specified as MAX. That is: MAX - MAX: server_group
Action	Check the char routing range in the ROUTING section of the UBBCONFIG file. If MAX is specified for the lower routing range, then its corresponding upper routing range must be MAX.
See Also	ubbconfig(5)
1057 ERROR: Char range with MIN as upper value has values out of order	
Description	If MIN is specified for the char upper routing range, then its corresponding lower routing range must also be specified as MIN. That is: MIN - MIN: server_group
Action	Check the char routing range in the ROUTING section of the UBBCONFIG file. If MIN is specified for the upper routing range, then its corresponding lower routing range must be MIN.
See Also	ubbconfig(5)
1058 ERROR: Range values out of order for the packed decimal routing data	
Description	The range values for the packed decimal routing data are out order, that is, the upper range value is less than the lower range value.
Action	Check routing range values for the packed decimal routing data in your UBBCONFIG file. The lower range value must be less than or equal to the upper range value.
See Also	decimal(3c), ubbconfig(5)
1059 ERROR: Invalid format for decimal	
Description	The data for a decimal routing range is specified incorrectly.
Action	Check routing range decimal data in the ROUTING section of the UBBCONFIG file. The data must be in the correct format.
See Also	decimal(3c)

1060	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 range data in the ROUTING section of the UBBCONFIG file. Remove any '-' sign in front of the MAX or MIN value.
See Also	ubbconfig(5)

1061	ERROR: Cannot have a '-' and a '+' sign in front of a number
Description	The routing range cannot have both a '-' and a '+' sign in front of a number.
Action	Check the routing range data in the ROUTING section of the UBBCONFIG file. If a '-' and a '+' sign are both in front of a number, remove the '+' sign.
See Also	ubbconfig(5)

1065	ERROR: xa_end TMSUSPEND returned <i>errstring</i>
Description	The process called xa_end () just prior to blocking for a reply message. This would happen, for example, when an XA server does a tpcall () to another server. An unexpected return code, <i>errstring</i> , was returned from xa_end () .
Action	Contact your BEA TUXEDO system Technical Support or database system vendor.

1066	ERROR: xa_start TMRESUME returned <i>errstring</i>
Description	The process called xa_start () just after receiving a reply message. This would happen, for example, when an XA server does a tpcall () to another server. An unexpected return code, <i>errstring</i> , was returned from xa_start () .
Action	Contact your BEA TUXEDO system Technical Support or database system vendor.

1067	ERROR: Request/response service name matches conversational service name
Description	An error occurred while a service was being added to the bulletin board's tables. The same service name cannot be used for both conversational and request/response types of services.
Action	Rename the services being offered so that the each service name is used consistently throughout the system as either conversational or request/response.
See Also	tpcall(3c), tpconnect(3c)
1074	ERROR: Connection information invalid
Description	This error occurs when a client or server is requesting to create a connection table entry in the Bulletin Board and supplies incorrect or NULL arguments. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.
1076	ERROR: Tried to set up a duplicate connection
Description	This error occurs when a client or server is requesting to create a connection table entry in the Bulletin Board and tries to set up a duplicate entry. This happens if there is a bug in the calling routine.
Action	Report this failure to your BEA TUXEDO system Technical Support.
1077	ERROR: Bad event: <i>status</i>
Description	This error occurs when tprecv(3c) gets a message from the other end of a conversation and the tperrno information in the message header is set to TPEEVEVENT and the event is set to an invalid event.
Action	Report this failure to your BEA TUXEDO system Technical Support.
1078	ERROR: errno TPEEVEVENT but event flag not set
Description	This error occurs when tprecv(3c) gets a message from the other end of a conversation and the tperrno information in the message header is set to TPEEVEVENT and the event is set to zero.
Action	Report this failure to your BEA TUXEDO system Technical Support.

1079	ERROR: Failed to create connection
Description	This error occurs when <code>tpconnect(3c)</code> fails to add a connection table entry into the Bulletin Board. This can happen if the 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>
1080	WARN: Failed to disconnect process <i>pid</i>
Description	This error occurs when a conversational disconnect event is sent by a server to a client on the same machine via a message, and the server is unable to send the message to the client. The client could have died before the disconnect event is sent or if there is an error queueing the message.
Action	Check the UNIX message queue kernel parameters and increase them if necessary.
1081	ERROR: Failed to allocate space for disconnect msg
Description	This error occurs when a conversational disconnect message is sent to the BBL and there is not enough memory in the system to allocate the message.
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. Increase the space on the swap device.
See Also	<code>malloc(3)</code> in UNIX reference manuals
1082	ERROR: Disconnect failed, couldn't find BBL
Description	This error occurs when a conversational disconnect message has to be sent to the BBL and the server table entry for the BBL is missing from the Bulletin Board. This is a severe error and the system is unstable.
Action	Contact the BEA TUXEDO system administrator and restart the BEA TUXEDO system.

1083 ERROR: Disconnect failed, message send/receive error	
Description	This error occurs when a conversational disconnect event is sent by a process to the remote BBL via a message, and the server is unable to send the message to the BBL. This can happen if the limit on the number of bytes on the message queue is reached.
Action	Check the UNIX system message queue kernel parameters and increase them if necessary.
1084 ERROR: Failed to get acknowledgement message for connection	
Description	This error occurs when a conversational client or server issues a <code>tprecv(3c)</code> with <code>TPRECVONLY</code> . This requires an acknowledgment from the other connection. If there is a failure in getting that acknowledgment, this message is printed. This could happen if the UNIX message queue has reached its capacity. This could also happen if the remote server for that connection could not be started.
Action	Check the UNIX message queue kernel parameters and increase them if necessary. Check the userlog for error messages regarding the remote server.
1085 ERROR: Invalid mid value during spawn	
Description	While getting ready to spawn a conversational server, the calling process failed to retrieve its machine table entry. The machine identifier that is used to retrieve the entry is invalid. The conversational server will therefore not be spawned.
Action	Look through the userlog to see if there are other messages related to this failure. If so, refer to the appropriate system messages. Otherwise, contact your BEA TUXEDO system Technical Support.

1086	ERROR: Argument vector formation error during spawn
Description	While getting ready to spawn a conversational server, the calling process failed to build the command line arguments for that server. An attempt to dynamically allocate memory from the operating system using <code>malloc(3)</code> or <code>realloc(3)</code> failed while building the command line. The conversational server will therefore not be spawned.
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.
1087	ERROR: aout=aout: too many arguments
Description	While getting ready to spawn a conversational server, the calling process failed to set the argument vector for that server. The calling process attempted to pass more than 256 arguments to the conversational server. The conversational server will therefore not be spawned.
Action	Make sure the number of arguments passed to the conversational server is not greater than 256. Note that the system may be adding up to eight arguments to the command line obtained from the configuration file.
See Also	<code>ubbconfig(5)</code>
1088	ERROR: spawn error: cannot fork
Description	The calling process failed to spawn a conversational server. The call to <code>fork(2)</code> failed.
Action	The system-imposed limit on the total number of processes under execution by a single user may be exceeded. In this case you may either reduce the number of processes the BEA TUXEDO system application administrator is running on the system or increase the total number of processes allowed per user by reconfiguring the UNIX kernel.
See Also	<code>fork(2)</code> in UNIX reference manuals

1089 ERROR: Cannot exec, executable file not found	
Description	The calling process failed to spawn a conversational server. The call to <code>exec(2)</code> failed. The conversational server to be spawned does not exist.
Action	Make sure the conversational server is in the application directory.
See Also	<code>exec(2)</code> in UNIX reference manuals, <code>ubbcnf ig(5)</code>
1090 ERROR: Cannot exec, network send error	
Description	The calling process failed to spawn a conversational server due to a networking problem.
Action	Make sure the network has not been partitioned and that the remote site is booted. If the remote site is not booted, call <code>tmboot(1)</code> . If the remote site is booted, use <code>tmadmin(1)</code> to determine the status of the network, and reconnect the remote site if necessary.
See Also	<code>exec(2)</code> in UNIX reference manuals, <code>tmadmin(1)</code> , <code>tmboot(1)</code> , <code>ubbcnf ig(5)</code>
1091 WARN: process id=<i>pid</i>... Assume started (network).	
Description	The calling process attempted to spawn a conversational server. The conversational server with a process ID of <i>pid</i> is believed to have been started. However the calling process did not receive an acknowledgment.
Action	Make sure a conversational server with process ID <i>pid</i> is running. If not, look for a core dump in the application directory.
1092 WARN: process id=<i>pid</i>... Assume started (pipe).	
Description	The calling process attempted to spawn a conversational server. The conversational server with a process ID of <i>pid</i> is believed to have been started. However the calling process did not receive an acknowledgment.
Action	Make sure a conversational server with process ID <i>pid</i> is running. If not, look for a core dump in the application directory.

1094	ERROR: No BBL available, cannot boot
Description	The calling process failed to spawn a conversational server. The BBL is not active.
Action	Make sure the BBL is booted on the site the conversational server is being spawned. Use <code>tmadmin(1)</code> to check the status of the application. If the BBL needs to be booted, use <code>tmboot(1)</code> .
See Also	<code>tmadmin(1)</code> , <code>tmboot(1)</code>

1095	ERROR: No DBBL available, cannot boot
Description	The calling process failed to spawn a conversational server. The DBBL is not active on the master site.
Action	Make sure the DBBL is booted on the master site. Use <code>tmadmin(1)</code> to check the status of the application.
See Also	<code>tmadmin(1)</code>

1096	ERROR: Spawning process failed.
Description	The calling process failed to spawn a conversational server.
Action	Look through the userlog to see if there are other messages related to this failure. If so, refer to the appropriate system messages. Otherwise, contact your BEA TUXEDO system Technical Support.
See Also	See Messages No. 1097 and 1098 below

1097	ERROR: Process <i>process</i> at <i>site</i> failed with /T error (<i>errmsg</i>)
Description	The calling process failed to spawn a conversational server, <i>process</i> . The spawned server failed on site <i>site</i> .
Action	Take corrective measures based on <i>errmsg</i> .

1098	ERROR: Process <i>process</i> at <i>site</i> failed with code <i>code</i>
Description	The calling process failed to spawn a conversational server, <i>process</i> . The spawned server failed on site <i>site</i> .
Action	Take corrective measures based on error code <i>code</i> .

1099 ERROR: Cannot process a message with an unknown release, <i>release</i>	
Description	An invalid release number, <i>release</i> , was found in a message while being converted. Interoperability allows a single application to have multiple (two) releases of the BEA TUXEDO system exist on different nodes and interoperate with one another. The conversion is done by either the sender, if it has the latest software, or the receiver.
Action	Check the release of the BEA TUXEDO system software and make sure that the master and backup nodes are running the later release. Also make sure the TUXDIR parameter is set correctly in the configuration file.
See Also	<i>BEA TUXEDO Administrator's Guide</i>

8 LIBTUX Messages

1100-1199

1100 ERROR: Cannot send a message to a site with an unknown release, *release*

Description The BEA TUXEDO system is trying to convert a message to the message format of an unknown release: *release*. Interoperability allows a single application to have multiple (two) releases of the BEA TUXEDO system exist on different nodes and interoperate with one another. The conversion is done by either the sender, if it has the latest software, or the receiver.

Action Contact your BEA TUXEDO system Technical Support.

See Also *BEA TUXEDO Administrator's Guide*

1104 ERROR: Memory allocation failure

Description An attempt dynamically to allocate memory from the operating system using `malloc()` failed while converting Bulletin Board data to the BEA TUXEDO system Release 4.1 format.

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.

1107 ERROR: Invalid data length of 0, data not self describing	
Description	The calling process failed in <code>tpbroadcast(3c)</code> . <code>tpbroadcast(3c)</code> was most likely invoked with data that is not self-describing and with the length argument set to 0. Not self-describing data is defined as a buffer type that requires a length to be specified when sent, for example, <code>CARRAY</code> and <code>X_OCTET</code> .
Action	Make sure that the length argument to the <code>tpbroadcast(3c)</code> call is not set to 0 if the buffer type of the unsolicited message being sent is not self-describing.
See Also	<code>tpbroadcast(3c)</code>
1108 ERROR: BBL not available on requested lmid (<i>site</i>)	
Description	The calling process failed in <code>tpbroadcast(3c)</code> while trying to get the server table entry of the BBL on LMID <i>site</i> from the Bulletin Board. This is most likely due to the fact that the BBL on LMID <i>site</i> is not running.
Action	Boot the BBL on LMID <i>site</i> .
See Also	<code>tpbroadcast(3c)</code>
1109 ERROR: Could not retrieve BBL from specified lmid (<i>site</i>)	
Description	The calling process failed in <code>tpbroadcast(3c)</code> while trying to get the server table entry of the BBL on LMID <i>site</i> from the Bulletin Board.
Action	Consult your BEA TUXEDO system Technical Support.
See Also	<code>tpbroadcast(3c)</code>

1114 ERROR: Unsolicited signal handler unable to get BB parameters

Description The calling process failed to get from the Bulletin Board the signal to be used for signal-based notification. This error may have occurred while the client was attempting to join the application, using `tpinit(3c)`, or while making an ATMI call prior to joining the application, or if the system the client is running on does not support reliable signals.

Action Parse through the user log to see if there are other messages related to this failure. If so, refer to the appropriate system messages. Otherwise, consult your BEA TUXEDO system Technical Support.

See Also `tpinit(3c)`, `ubbconfig(5)`

1115 ERROR: Invalid USIGNAL parameter in BB

Description The calling process retrieved an invalid signal number from the Bulletin Board. This signal was to be used for signal-based notification.

Action Parse through the userlog to see if there are other messages related to this failure. If so, refer to the appropriate system messages. Otherwise, consult your BEA TUXEDO system Technical Support.

1117 ERROR: Unable to check for unsolicited messages, *tperrno* = *tperrno*

Description The calling process failed while checking for an unsolicited message upon receipt of a signal indicating that an unsolicited message had arrived. `tperrno` is set to the TUXEDO System/T error code that was returned by the system after trying to get the unsolicited message.

Action `tperrno` is most likely set to `TPESYSTEM` or `TPEOS`. In this case, parse through the userlog to find the exact nature of the failure as described in another message.

See Also `tpchkunsol(3c)`

1118 ERROR: Unable to check for unsolicited messages, <i>tperrno</i> = <i>tperrno</i>	
Description	The calling process failed while checking for unsolicited messages. <i>tperrno</i> is set to the BEA TUXEDO system error code that was returned by the system after failing to check for unsolicited messages.
Action	<i>tperrno</i> is most likely set to TPESYSTEM or TPEOS. In this case, parse through the userlog to find the exact nature of the failure as described in another message.
See Also	<code>tpchkunsol(3c)</code>
1119 ERROR: <code>tpsetunsol()</code> not called, dropping unsolicited message	
Description	The calling process failed to set the method of handling unsolicited messages prior to receiving its first unsolicited message. The unsolicited message will therefore be dropped since the system does not know what to do with it.
Action	Make sure the calling process calls <code>tpsetunsol(3c)</code> as soon as it joins the application.
See Also	<code>tpchkunsol(3c)</code> , <code>tpsetunsol(3c)</code>
1122 ERROR: No space in Bulletin Board	
Description	The calling process failed to join the application due to the lack of space in the registry table portion of the Bulletin Board.
Action	If the calling process is an application client, the administrator will need to increase MAXACCESSERS in the RESOURCES section of the configuration file. If the calling process is a server, the administrator will need to increase MAXACCESSERS and/or MAXSERVERS in the RESOURCES section of the configuration file. Note that MAXACCESSERS specifies the maximum number of processes that can have access to a Bulletin Board on a particular machine at any one time. MAXSERVERS specifies the maximum number of servers to be accommodated by the entire application at any one time.
See Also	<code>ubbconfig(5)</code>

1187 ERROR: Invalid parameter passed to internal routine

Description One of the internal routines to manage TUXEDO System/T data structures received an invalid parameter. This should not occur during normal system operation.

Action Contact your BEA TUXEDO system Technical Support.

See Also `tmconfig(1)`

1198 ERROR: Cannot detach: operating system error: *errno* = *errno_val*.

Description The application is running with the TMPROTECTED SYSTEM_ACCESS value. Detaching from the bulletin board failed.

Action Check the *errno_val* to determine why the detach failed.

1199 ERROR: Cannot re-attach: operating system error: *errno* = *errno_val*.

Description The application is running with the TMPROTECTED SYSTEM_ACCESS value. The client or server was unable to re-attach to the bulletin board. This probably indicates that the application was shut down (abnormally) while the client or server was not attached.

Action Check the *errno_val* to determine the reason for the failure. Check with the administrator to see if the application was shut down.

9 LIBTUX Messages

1200-1299

1200 ERROR: Cannot re-attach BB - process lost its BB slot while detached

Description The application is running with the TMPROTECTED SYSTEM_ACCESS value. After reattaching to the bulletin board, the context for the client or server does not match. This indicates that either the bulletin board is corrupted or the application was re-booted while the client or server was not attached.

Action Check with the administrator to see if the application was re-booted. Contact your BEA TUXEDO system Technical Support.

1201 ERROR: Cannot re-attach BB - magic number mismatch

Description The application is running with the TMPROTECTED SYSTEM_ACCESS value. After reattaching to the bulletin board, the wrong magic number was found. This indicates that either the bulletin board is corrupted or a new release of the application was booted while the client or server was not attached.

Action Contact your BEA TUXEDO system Technical Support.

1202	ERROR: Cannot re-attach BB - wrong release of software
Description	The application is running with the TMPROTECTED SYSTEM_ACCESS value. After reattaching to the bulletin board, the wrong release was found. This indicates that either the bulletin board is corrupted or a new release of the application was booted while the client or server was not attached.
Action	Contact your BEA TUXEDO system Technical Support.
1203	WARN: Cannot override system default access method PROTECTED
Description	The application called tpinit with the TPSA_FASTPATH flag set, but the configuration has SYSTEM_ACCESS set to PROTECTED,NO_OVERRIDE. tpinit will ignore this flag and run in TPSA_PROTECTED mode.
Action	Change the application to use TPSA_PROTECTED mode, or contact the administrator about allowing overriding of the SYSTEM_ACCESS mode.
See Also	tpinit(3c), ubbconfig(5)
1204	WARN: Cannot override system default access method FASTPATH
Description	The application called tpinit with the TPSA_PROTECTED flag set, but the configuration has SYSTEM_ACCESS set to FASTPATH, NO_OVERRIDE. tpinit will ignore this flag and run in TPSA_FASTPATH mode.
Action	Change the application to use TPSA_FASTPATH mode, or contact the administrator about allowing overriding of the SYSTEM_ACCESS mode.
See Also	tpinit(3c), ubbconfig(5)

1205	WARN: Unable to open MACHINE ENVFILE <i>filename</i> for reading
Description	In the process of booting a server, the ENVFILE specified in the MACHINES section on the configuration could not be opened for reading. The server will still be booted, but the environment will not be modified.
Action	Check the machine environment file to see that it exists in the correct directory with the right name and with read permission for the configuration administrator. It may be necessary to shut down the server and re-start it with the correct environment.
See Also	tmboot(1), tmshutdown(1), ubbconfig(5)
1214	ERROR: Cannot perform deferred type/subtype resolution in global tables (<i>type/subtype</i>)
Description	The application is running with the TMPROTECTED SYSTEM_ACCESS value. An operation was done on a typed buffer, but checking of the type/subtype was deferred. When the checking was finally done, the <i>type/subtype</i> was not recognized by the system.
Action	Contact your BEA TUXEDO system Technical Support.
1219	ERROR: Invalid parameter
Description	An invalid parameter was passed to an internal routine during security processing.
Action	Contact your BEA TUXEDO system Technical Support.
1220	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed during security processing.
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.

1222	ERROR: Unable to open TUXCONFIG file to Resources section
Description	While trying to read the configuration file during security processing, the program was unable to open the <code>RESOURCES</code> section.
Action	Contact your BEA TUXEDO system Technical Support.
1223	ERROR: Unable to open Resources section of TUXCONFIG file
Description	While trying to read the configuration file during security processing, the program was unable to read the <code>RESOURCES</code> section.
Action	Contact your BEA TUXEDO system Technical Support.
1224	ERROR: Possibly corrupted key in database
Description	The system key created and stored in the file <code>APPDIR/.adm/.keydb</code> for use by the WSH in security applications has become corrupted. This error disables the WSH from being able to handle new incoming connections from workstation clients. Note that current implementations of the security interfaces within the BEA TUXEDO system will not generate this error, but future ones may if they have more stringent requirements on the key characteristics used for encryption.
Action	Shut down the application on the offending site, and remove the binary <code>TUXCONFIG</code> file and the key database <code>APPDIR/.adm/.keydb</code> . Then reboot the site; this will automatically re-create the security key information correctly.
See Also	<i>BEA TUXEDO Administrator's Guide</i>

1225 ERROR: Error while decrypting password

Description The security information stored and accessed by the TUXEDO System/T has become corrupted and cannot be processed correctly by the WSH in order to allow workstation clients to access the application. This error disables the WSH from being able to handle new incoming connections from workstation clients.

Action Shut down the application on the offending site, and remove the binary TUXCONFIG file and the key database APPDIR/.adm/.keydb. Then reboot the site; this will automatically re-create the security key information correctly. If this does not clear the problem, then remove TUXCONFIG and security information from all sites and reboot.

See Also *BEA TUXEDO Administrator's Guide*

1226 ERROR: Invalid password in TUXCONFIG file

Description The security information stored and accessed by the TUXEDO System/T has become corrupted and cannot be processed correctly by the WSH in order to allow workstation clients to access the application. This error disables the WSH from being able to handle new incoming connections from workstation clients.

Action Shut down the application on the offending site, and remove the binary TUXCONFIG file and the key database APPDIR/.adm/.keydb. Then reboot the site; this will automatically re-create the security key information correctly. If this does not clear the problem, then remove TUXCONFIG and security information from all sites and reboot.

See Also *BEA TUXEDO Administrator's Guide*

1227 ERROR: Unable to open TUXCONFIG file to read MACHINES section

Description While trying to read the application password, the program was unable to find the *MACHINES section in the configuration file. This should not occur.

Action Contact your BEA TUXEDO system Technical Support.

1233	ERROR: Unable to shutdown, clients/servers still attached
Description	The BBL was unable to shut itself down because clients and/or servers are still attached to the Bulletin Board. It is the BBL's responsibility to clean up and remove the Bulletin Board prior to terminating. However, the Bulletin Board was not removed since clients and/or servers were still attached to it.
Action	First, make sure all application servers have been shut down prior to attempting to shut down the BBL. The <code>tmadmin(1) printserver (psr)</code> command can be used to print server statistics. Shut down all application servers on that site using <code>tmshutdown(1)</code> with the <code>-l</code> option. Second, make sure all application clients have terminated. The <code>tmadmin(1) printclient (pclt)</code> command can be used to print client statistics. The application administrator can force the BBL to shut down, by invoking the <code>tmshutdown(1)</code> command with the <code>-c</code> option. The <code>-c</code> option will allow for the BBL to be shut down even if clients are still attached to the Bulletin Board.
1236	WARN: TMDEBUG contains non-numeric characters in first number
Description	<p>The format of the TMDEBUG variable is invalid. The allowable formats for TMDEBUG are:</p> <pre> number number:regular_expression number1-number2 number1-number2:regular_expression </pre> <p>If <code>number</code> is specified, debugging messages with levels less than or equal to <code>number</code> will be printed. If <code>number1</code> and <code>number2</code> are specified, debugging messages with levels between <code>number1</code> and <code>number2</code>, inclusive, will be printed. If <code>regular_expression</code> is appended to the numeric part of the argument, only those messages matching <code>regular_expression</code> will be printed.</p>
Action	Make sure the TMDEBUG variable is valid. TMDEBUG may be incorrectly set and exported in the environment. It may also be incorrectly set in an environment file using the <code>ENVFILE</code> parameter in the <code>*MACHINES</code> or <code>*SERVERS</code> section of the configuration file.
See Also	<code>ubbconfig(5)</code>

1237	WARN: TMDEBUG contains non-numeric characters in 2nd part of range
	Description See Message 1236 above.
	Action See Message 1236 above.
1238	WARN: TMDEBUG regular expression invalid. Ignoring regular expression.
	Description See Message 1236 above.
	Action See Message 1236 above.
1239	ERROR: Failed to change group via setgid()
	Description The calling process failed to change its group ID while trying to become the administrator. The effective user ID of the calling process is super-user.
	Action Make sure the calling process has permission to change its group ID to the group ID the BEA TUXEDO system application administrator belongs to.
	See Also setgid(2) in UNIX reference manuals
1240	ERROR: Failed to change user via setuid()
	Description The calling process failed to change its user ID while trying to become the administrator. The effective user ID of the calling process is super-user.
	Action Make sure the calling process has permission to change its user ID to the user ID the BEA TUXEDO system application administrator belongs to.
	See Also setuid(2) in UNIX system reference manuals
1241	ERROR: Memory allocation failure
	Description An attempt dynamically to allocate memory from the operating system using malloc() failed.
	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.

1242	ERROR: Invalid table type	
	Description	The calling process failed to open a configuration table in the TUXCONFIG file. An invalid table type was passed to the system routine responsible for opening configuration tables.
	Action	Contact your BEA TUXEDO system Technical Support.
1243	ERROR: Invalid table type	
	Description	The calling process failed to close a configuration table in the TUXCONFIG file. An invalid table type was passed to the system routine responsible for closing configuration tables.
	Action	Contact your BEA TUXEDO system Technical Support.
1244	ERROR: Invalid table type	
	Description	The calling process failed to seek a configuration table in the TUXCONFIG file. An invalid table type was passed to the system routine responsible for seeking configuration tables.
	Action	Contact your BEA TUXEDO system Technical Support.
1245	ERROR: Invalid table type	
	Description	The calling process failed to write a configuration table in the TUXCONFIG file. An invalid table type was passed to the system routine responsible for writing configuration tables.
	Action	Contact your BEA TUXEDO system Technical Support.
1246	ERROR: More than one wild card in entry <i>ranges</i>	
	Description	The calling process found more than one wild card in the ranges string, <i>ranges</i> , while parsing the string based on a packed decimal field type.
	Action	Make sure there is no more than one wild card in the ranges string <i>ranges</i> .
	See Also	ubbconfig(5)

1247 ERROR: Cannot have a '-' in front of MAX or MIN

Description While attaching to the Bulletin Board and loading all of the information that is in the TUXCONFIG file into the Bulletin Board, 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 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 ROUTING section of the UBBCONFIG file is valid. The range strings may not contain a '-' in front of MIN or MAX.

See Also ubbconfig(5)

1248 ERROR: Cannot have a '-' in front of MAX or MIN

Description While attaching to the Bulletin Board and loading all of the information that is in the TUXCONFIG file into the Bulletin Board, 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 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 ROUTING section of the UBBCONFIG file is valid. The range strings may not contain a '-' in front of MIN or MAX.

See Also ubbconfig(5)

1249 ERROR: Cannot have a '-' in front of MAX or MIN	
Description	While attaching to the Bulletin Board and loading all of the information that is in the TUXCONFIG file into the Bulletin Board, 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 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 ROUTING section of the UBBCONFIG file is valid. The range strings may not contain a '-' in front of MIN or MAX.
See Also	ubbconfig(5)
1250 ERROR: Cannot have a '-' in front of MAX or MIN	
Description	While attaching to the Bulletin Board and loading all of the information that is in the TUXCONFIG file into the Bulletin Board, 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 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 ROUTING section of the UBBCONFIG file is valid. The range strings may not contain a '-' in front of MIN or MAX.
See Also	ubbconfig(5)

1251 ERROR: Cannot have a '-' and a '+' sign in front of a number

Description While attaching to the Bulletin Board and loading all of the information that is in the TUXCONFIG file into the Bulletin Board, 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 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 ROUTING section of the UBBCONFIG file is valid. The range strings may not have '-' or '+' in front of number.

See Also ubbconfig(5)

1253 ERROR: shmat failure: errno = *errno*, key = *ipckey*

Description The calling process failed to create/attach to the Bulletin Board while invoking the shmat(2) system call. shmat(2) returned with errno set to *errno*.

Action shmat(2) will fail and not attach to the Bulletin Board if one or more of the following are true:

- ◆ An invalid argument was passed (EINVAL). In this case contact your BEA TUXEDO system Technical Support.
- ◆ The operation was denied to the calling process (EACCESS). In this case make sure the calling process has permission to attach to the Bulletin Board.
- ◆ The available data space is not large enough to accommodate the shared memory segment (ENOMEM). In this case the system administrator may have to reconfigure the UNIX kernel to allow for more shared memory space.
- ◆ The number of shared memory segments attached to the calling process would exceed the system-imposed limit (EMFILE). In this case the system administrator may have to reconfigure the UNIX kernel to allow for more shared memory space.

See Also shmat(2) in UNIX reference manuals

1254 ERROR: shmget(creat) failure: errno = *errno*, key = *key*

Description	The calling process failed to create/get to the Bulletin Board while invoking the <code>shmget(2)</code> system call with key set to <i>key</i> and the <code>IPC_CREAT</code> flag set. <code>shmget(2)</code> returned with <code>errno</code> set to <i>errno</i> .
Action	<p><code>shmget(2)</code> will fail if one or more of the following are true:</p> <ul style="list-style-type: none"> ◆ An invalid argument was passed (<code>EINVAL</code>). In this case contact your BEA TUXEDO system Technical Support. One specific case where this occurs is if the OS value for <code>SHMMIN</code> is set too high (in general, it should always be set to 1). ◆ The operation was denied to the calling process (<code>EACCESS</code>). In this case make sure the calling process has permission to create/attach to the Bulletin Board. ◆ A shared memory identifier does not exist for key (<code>ENOENT</code>). In this case contact your BEA TUXEDO system Technical Support. ◆ The system limit on shared memory identifiers was reached (<code>ENOSPC</code>). In this case the system administrator may have to reconfigure the UNIX kernel to allow for more shared memory identifiers. ◆ The amount of available memory is not sufficient (<code>ENOMEM</code>). In this case the system administrator may have to reconfigure the UNIX kernel to allow for more shared memory space.
See Also	<code>shmget(2)</code> in UNIX reference manuals

1255 ERROR: shmctl(chown) failure: errno = *errno*, key = *key*

Description The calling process failed to perform a shared memory control operation on the Bulletin Board while invoking the `shmctl(2)` system call with the `IPC_SET` flag set. The calling process was unable to set the user ID, group ID, and mode of the Bulletin Board. `shmctl(2)` returned with `errno` set to *errno*.

Action `shmctl(2)` will fail if one or more of the following are true:

- ◆ An invalid argument was passed (`EINVAL`). In this case contact your BEA TUXEDO system Technical Support.
- ◆ The operation was denied to the calling process (`EACCESS`). In this case make sure the calling process has permission to perform operations on the Bulletin Board.
- ◆ Not enough memory (`ENOMEM`). In this case the system administrator may have to reconfigure the UNIX kernel to allow for more shared memory space.

See Also `shmctl(2)` in UNIX reference manuals

1256 ERROR: shmat failure: errno = *errno*, id = *id*

Description The calling process failed to create/attach to the Bulletin Board while invoking the `shmat(2)` system call. `shmat(2)` was called with `shmid` set to *id* and returned with `errno` set to *errno*.

Action `shmat(2)` will fail and not attach to the Bulletin Board if one or more of the following are true:

- ◆ An invalid argument was passed (`EINVAL`). In this case contact your BEA TUXEDO System Technical Support.
- ◆ The operation was denied to the calling process (`EACCESS`). In this case make sure the calling process has permission to attach to the Bulletin Board.
- ◆ The available data space is not large enough to accommodate the shared memory segment (`ENOMEM`). In this case the system administrator may have to reconfigure the UNIX kernel to allow for more shared memory space.
- ◆ The number of shared memory segments attached to the calling process would exceed the system-imposed limit (`EMFILE`). In this case the system administrator may have to reconfigure the UNIX kernel to allow for more shared memory space.

See Also `shmat(2)` in UNIX reference manuals

1257	ERROR: <i>func</i>: bad value of <i>_gp_fsoffset</i> variable or supplied offset
Description	An invalid VTOC file system offset was passed to <i>func</i> .
Action	Make sure the FSOFFSET environment variable is set correctly. If the problem persists after resetting the FSOFFSET environment variable, contact your BEA TUXEDO system Technical Support.
1259	ERROR: Memory allocation failure
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed.
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.
1260	ERROR: Service request problem: <i>func</i>
Description	The calling process failed in a BEA TUXEDO system internal function called <i>func</i> while trying to add a new service table entry.
Action	Look through the userlog for other messages related to this failure. If found, refer to the appropriate system messages. If not, consult your BEA TUXEDO system Technical Support.
1261	ERROR: Service request problem: <i>string</i>
Description	The calling process failed in a BEA TUXEDO system internal function because of <i>string</i> while trying to add a new service table entry.
Action	Look through the userlog for other messages related to this failure. If found, refer to the appropriate system messages. If not, consult your BEA TUXEDO system Technical Support.

1262 ERROR: Permission denied to boot server

Description When security is turned on, that is, the SECURITY parameter is specified in the RESOURCES section of the application configuration file, a server may only be booted by the administrator of the application. This means that the user ID and group ID of the user attempting to boot the server should match the user ID and group ID of the application administrator. If they do not match, the server will fail to boot and exit gracefully.

Action Make sure that the TUXCONFIG environment variable is set correctly. If it is pointing to the right application, make sure that the UID and GID parameters are properly set in the RESOURCES section of the configuration file. Also verify that the ID of the user that is attempting to boot the server is set correctly using the UNIX id(1) command.

See Also ubbconfig(5)

1263 ERROR: tpsvrinit() returned in transaction mode

Description The application server has been placed in transaction mode during its initialization in tpsvrinit(). tpsvrinit() returned while still in transaction mode. The BEA TUXEDO system will therefore abort the outstanding transaction and the application server will exit gracefully. Since tpsvrinit() is called after the server has joined the application, transactions may be defined in this routine. However, the transaction must have completed prior to tpsvrinit() returning.

Action Verify that if a transaction is started in tpsvrinit(), it should also be completed prior to tpsvrinit() returning. If tpbegin() is called in tpsvrinit(), make sure that either tpabort() or tpcommit() is also called.

See Also tpSERVICE(5c)

1264 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.
1265 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.
1266 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.
1274 ERROR: tpreturn xa_end TMFAIL returned <i>errstring</i>	
Description	During a call to <code>tpreturn()</code> in transaction mode with the <code>TPFAIL</code> flag, a call to <code>xa_end</code> with the <code>TMFAIL</code> flag failed with the specified <i>errstring</i> .
Action	Check the error reporting mechanism for the associated resource manager to determine the cause of the problem.

1275 ERROR: tpreturn TPESVCERR xa_end TMSUCCESS returned *errstring*

Description During a call to `tpreturn()` in transaction mode with the TPSUCCESS flag, a call to `xa_end` with the TMSUCCESS flag failed with the specified *errstring*. A service error will be returned to the client.

Action Check the error reporting mechanism for the associated resource manager to determine the cause of the problem.

1276 WARN: Forcing deletion of table entries for server *group/id*

Description A server died and the administrative processes were unable to restart or clean up after the server. The server and service entries for the server will be deleted from the bulletin board.

Action No action required.

1277 ERROR: NULL input buffer not allowed for service '*service_name*', which uses routing

Description An application program passed a NULL input buffer to the service *service_name*, which is defined in the configuration file as using routing. Since the null buffer is not a valid type to perform routing on, the service call was rejected with an error.

Action Recode the service call that resulted in the error so that the input buffer is of one of the types specified in the routing criterion that is associated with this service in the UBBCONFIG file.

See Also `tpcall(5c)`, `ubbconfig(5)`

1278 ERROR: Cannot join application - permission denied

Description An ATMI function was called in a client before calling `tpinit()`, and an attempt to join the application failed. The client cannot join the application because it does not have permission to do so or because it did not supply the correct application password. Permission may be denied based on an invalid application password, failure to pass application specific authentication, or use of restricted names.

Action This is an application error. If the application has security turned on, then `tpinit()` must be called explicitly with a TPINIT buffer supplying a valid password before calling any other ATMI functions.

See Also `tpinit(5c)`

1279	ERROR: Cannot join application - accessor limit exceeded
Description	An ATMI function was called in a client before calling <code>tpinit()</code> , and an attempt to join the application failed. The client cannot join the application because of space limitations.
Action	This is a application configuration problem. The number of accessors is too small and must be reconfigured to allow more clients.
See Also	<code>ubbconfig(5)</code>
1280	ERROR: Unable to decompress message due to memory allocation failure, size number
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> or <code>realloc()</code> failed while attempting to decompress an application message.
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.
1281	ERROR: Failed to decompress application message
Description	Decompression of an application message failed.
Action	Turn off data compression for the application through the variable <code>TMCMPLIMIT</code> in the <code>ENVFILE</code> and report the failure to your BEA TUXEDO system Technical Support.
See Also	<i>BEA TUXEDO Administrator's Guide</i>
1285	WARN: tpreturn message send blocked, will try file transfer
Description	A server process encountered a message queue blocking condition when returning a message to the client via <code>tpreturn()</code> .
Action	The system will automatically attempt to return the message using a temporary file. Performance may be degraded if this occurs frequently. Check the kernel parameters related to message queue size, and increase them if necessary.
See Also	<i>BEA TUXEDO Installation Guide</i> and Message No. 1286 below.

1286	ERROR: tpreturn could not send reply <i>errno_val</i>
Description	A server process encountered an error when returning a reply message to the client via <code>tpreturn()</code> . The reply message has been discarded, which may cause the client to time out or block forever waiting for the lost message. The cause may be that the message queue size is too small to receive the reply.
Action	Check the kernel parameters related to message queue size, and increase them if necessary.
See Also	<i>BEA TUXEDO Installation Guide</i>

1287	ERROR: Failure to allocate memory for file message transfer, size <i>size</i>
Description	When receiving a message that was transferred in a file because it was too large to put on a message queue, <code>tprealloc()</code> failed to allocate a typed buffer big enough to hold the message.
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.

1288	ERROR: File transfer creat failed, file=<i>filename</i>, errno=<i>errno_val</i>
Description	The UNIX kernel call <code>creat()</code> failed on <i>filename</i> . This temporary file was being created to transfer a large message between two BEA TUXEDO system processes on the same machine.
Action	Check temporary directory's permissions. Check disk space and inode counts for the temporary file system.

1289	ERROR: File transfer write failed, file=<i>filename</i>, errno=<i>errno_val</i>
Description	The UNIX kernel call <code>write()</code> failed on <i>filename</i> . This temporary file was being written to transfer a large message between two BEA TUXEDO system processes on the same machine.
Action	Check directory and file permissions for the temporary files. Check disk space and inode counts for the temporary file system.

1290	ERROR: File transfer close failed, file=<i>filename</i>, errno=<i>errno_val</i>
Description	The UNIX kernel call <code>close()</code> failed on <i>filename</i> after it had been written. This temporary file was being used to transfer a large message between two BEA TUXEDO system processes on the same machine.
Action	Check disk space and inode counts for the temporary file system.
1291	ERROR: File transfer fstat failed, file=<i>filename</i>, errno=<i>errno_val</i>
Description	The UNIX kernel call <code>fstat()</code> failed on <i>filename</i> . This temporary file was being used to transfer a large message between two System/T processes on the same machine.
Action	Check directory and file permissions for the temporary files, disk space and inode counts for the temporary file system, the PERM parameter in the RESOURCES section of the configuration file, and check for any cron job or other process that might be deleting files from the temporary file directory.
1292	ERROR: File transfer open failed, file=<i>filename</i>, errno=<i>errno_val</i>
Description	The UNIX kernel call <code>open()</code> failed on <i>filename</i> . This temporary file was being used to transfer a large message between two System/T processes on the same machine.
Action	Check directory and file permissions for the temporary files, the PERM parameter in the RESOURCES section of the configuration file, and check for any cron job or other process that might be deleting files from the temporary file directory.
1293	ERROR: File transfer read failed, file=<i>filename</i>, errno=<i>errno_val</i>
Description	The UNIX kernel call <code>read()</code> failed on <i>filename</i> . This temporary file was being used to transfer a large message between two System/T processes on the same machine. It either could not be read, or the wrong number of bytes were read.
Action	Check directory and file permissions for the temporary files, disk space and inode counts for the temporary file system, the PERM parameter in the RESOURCES section of the configuration file, and for any cron job or other process that might be deleting files from the temporary file directory.

1294 ERROR: File transfer close failed, file=*filename*, errno=*errno_val*

Description The UNIX kernel call `close()` failed on *filename* after it had been read. This temporary file was being used to transfer a large message between two System/T processes on the same machine.

Action Contact your BEA TUXEDO system Technical Support.

1295 WARN: File transfer unlink failed, file=*filename*, errno=*errno_val*

Description The UNIX kernel call `unlink()` failed on *filename* after it had been read. This temporary file was being used to transfer a large message between two System/T processes on the same machine. Although the transfer succeeded, the file could not be unlinked (deleted), and still is present in the system's temporary file directory. This might cause the file system to fill up.

Action Check directory and file permissions for the temporary files. If the sticky bit is set for the directory, one user might not be able to delete another user's files. Check the PERM parameter in the RESOURCES section of the configuration file. As a temporary measure, delete *filename* manually. It is no longer needed by the BEA TUXEDO system. If there are many such files, schedule a cron job to periodically delete files older than a certain threshold.

1296 WARN: Cannot retrieve own server group table entry

Description	<p>While booting, a server was unable to retrieve its own server table entry. This particular failure by itself will not cause the server to be incapable of processing service requests, but may be indicative of problems elsewhere in the system.</p> <p>If the output from <code>tmboot(1)</code> indicates that a prior attempt to boot this same server on a different node had failed, the location of the server group in the bulletin board and the TUXCONFIG file will not be updated to reflect the current location of this server. The server will still be active and able to receive requests, but the first subsequent attempt to migrate the server will restart the server on the same processor where it is now running. Once this first subsequent migration occurs, the server location will be stored consistently. Also, if the configuration is shut down and rebooted, <code>tmboot(1)</code> will first attempt to start this server group on the processor where it is not now running. (Note that the condition mentioned in this paragraph will not normally be the case.)</p>
Action	<p>In the normal case, where <code>tmboot(1)</code> did not indicate that automatic server migration had occurred for this server's group, no action is required. However, this condition is likely to be indicative of problems elsewhere in the system. If <code>tmboot(1)</code> did indicate that automatic server group migration took place for this server's group, the administrator may wish to shut down and restart this server group so that the group location is stored consistently.</p>
See Also	<p><code>tmboot(1)</code>, <code>tmadmin(1)</code></p>

1297 INFO: Boot process migrating location of group *group_name* to machine *machine_name*

Description The `tmboot(1)` process was unable to successfully boot group *group_name* on its current machine. Therefore, `tmboot(1)` is migrating the location of this group to its alternate machine, *machine_name*. The first server in the group to be booted writes this message to the userlog. The group's migration is also noted in the output from `tmboot(1)`. The group will remain located on *machine_name* until it is manually migrated to its former machine by the administrator, or until a subsequent `tmboot(1)` detects that the group is unable to run on machine *machine_name*, but is able to run on the original machine name.

Action No action required.

See Also `tmboot(1)`

10 LIBTUX Messages

1300-1399

1301 WARN: Cannot update server group location as listed in bulletin board

Description While booting, a server process noticed that it was being booted on the processor listed as the backup processor for that server's group. (This situation occurs when `tmboot(1)` is unable to boot the server group on the processor listed as the current processor for that group.) The server attempted to update the location of the group as stored in the bulletin board, but was unable to make the message required to update this information. This particular failure by itself will not cause the server to be incapable of processing service requests, but may be indicative of problems elsewhere in the system. The server will still be active and able to receive requests, but the first subsequent attempt to migrate the server will restart the server on the same processor where it is now running. Once this occurs, the server location will be stored consistently. Unless otherwise indicated by another error, the location of the server group will be stored properly in the TUXCONFIG file.

Action The administrator may choose to allow the servers in the group reporting this error to continue running, or may elect to shut down and restart the server group so that the group location is stored consistently in the bulletin board.

See Also `tmboot(1)`, `tmadmin(1)`

1302 ERROR: Commit error due to outstanding handles	
Description	An attempt to commit a transaction with outstanding handles failed.
Action	This is an application error. Make sure there are no outstanding handles before calling <code>tpcommit ()</code> .
1308 ERROR: TUXCONFIG environment variable must be an absolute pathname.	
Description	The application specified a value for the TUXCONFIG environment variable that is a simple or relative pathname, not beginning with slash (/).
Action	Change the TUXCONFIG environment variable to be an absolute pathname and re-execute the program.
1309 ERROR: tpcommit failed to send message to TMS server	
Description	The application called <code>tpcommit ()</code> , which tried to send a request to the transaction manager server for processing. No entry was found for the transaction manager server.
Action	Check the userlog for other messages indicating why the request failed. Check that the transaction manager servers are available for all resource managers involved in the application service.
See Also	<code>tpcommit(3c)</code>
1351 ERROR: Performed tpforward() with outstanding conversations	
Description	The application called <code>tpforward ()</code> while there were outstanding conversations (for example, after calling <code>tpconnect ()</code> but before receiving a disconnect).
Action	Correct the application such that <code>tpforward ()</code> is called only after all conversations and asynchronous request responses have been processed.
See Also	<code>tpconnect(3c)</code> , <code>tpforward(3c)</code>

1353	ERROR: tpopen failed - <i>tperrno_msg</i>
Description	The default <code>tpsvrinit()</code> function called <code>tpopen()</code> , which returned an error. The message, <i>tperrno_msg</i> , indicates the reason for the failure.
Action	Most likely, an error occurred in the resource manager. Check the error reporting mechanism for the associated resource manager to determine the cause of the problem.
See Also	<code>tpopen(3c)</code>
1354	ERROR: Another application is using IPC key <i>ipkey</i>
Description	The IPC key, <i>ipkey</i> , specified in the <code>RESOURCES</code> section of the <code>UBBCONFIG</code> file is being used by another BEA TUXEDO system application.
Action	Change the <code>IPCKEY</code> value, reload the configuration file, and boot the application.
See Also	<code>topenqueue(3c)</code>
1355	ERROR: Cannot find MACHINES entry for MASTER <i>master</i>
Description	When joining the application, a client or server cannot find the configuration entry for the MASTER machine, <i>master</i> .
Action	This should not occur since it is checked when the configuration is loaded or updated. Contact your BEA TUXEDO system Technical Support.
See Also	<code>ubbconfig(5)</code>
1367	ERROR: Expired BEA TUXEDO System Binary License
Description	The TUXEDO System/T master binary is not properly licensed, or the expiration date on an evaluation copy has been reached.
Action	Contact your BEA TUXEDO system Technical Support.

1369	ERROR: Exceeded 110% of BEA TUXEDO System Binary Licensed User Count (<i>current/max</i>)
Description	The number of users of a TUXEDO System/T master binary has reached 110% of the maximum allowed users. The client will fail to join the application. The current number of clients and the maximum number of clients are printed.
Action	The administrator should increase the number of licensed users. Contact your BEA TUXEDO system Technical Support.
1370	WARN: Reached 100% of BEA TUXEDO System Binary Licensed User Count (<i>current/max</i>)
Description	The number of users of a BEA TUXEDO system master binary has reached 100% of the maximum allowed users. The current number of clients and the maximum number of clients are printed.
Action	The administrator should increase the number of licensed users. Contact your BEA TUXEDO system Technical Support.
1371	INFO: Reached 90% of BEA TUXEDO System Binary Licensed User Count (<i>current/max</i>)
Description	The number of users of a BEA TUXEDO system master binary has reached 90% of the maximum allowed users. The current number of clients and the maximum number of clients are printed.
Action	If this happens often, the administrator should consider increasing the number of licensed users. Contact your BEA TUXEDO system Technical Support.
1372	ERROR: tpsuspend xa_end returned <i>errstring</i>
Description	The call to xa_end from within tpsuspend returned the XA error value <i>errstring</i> .
Action	Check the error reporting mechanism for the associated resource manager to determine the cause of the problem. Contact your BEA TUXEDO system Technical Support or resource manager vendor.

1373	ERROR: Wrong transaction state <i>statestring</i>
Description	tpsuspend was called while the transaction was not in an active state (for example, tpabort or tpcommit had already been called).
Action	Correct the application such that it does not call tpsuspend unless it is the current owner of the transaction.
See Also	tpsuspend(3c)

1374	ERROR: tpresume xa_start flags <i>flagval</i> returned <i>errstring</i>
Description	The call to xa_start from within tpresume with the XA flag value <i>flagval</i> (either TMJOIN or TMNOFLAGS) returned the XA error value <i>errstring</i> .
Action	Check the error reporting mechanism for the associated resource manager to determine the cause of the problem. Contact your BEA TUXEDO system Technical Support or resource manager vendor.

1376	WARN: variable value “<i>string</i>” in environment does not match configuration “<i>string</i>”
Description	While putting variables into the environment for either the machine or server ENVFILE file, the TUXCONFIG, TUXOFFSET, TUXDIR, or APPDIR variable was encountered and its value did not match the associated value in the configuration file. This variable cannot be overridden in the ENVFILE and its value is taken from the *MACHINES section of the configuration file for the associated machine. The modified value will not be put into the environment.
Action	No action required.
See Also	ubbconfig(5)

1377	ERROR: Memory allocation failure for post receive
Description	An attempt dynamically to allocate memory from the operating system using malloc() failed while performing a “post receive” operation on a typed buffer.
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.

1378 ERROR: Transaction counter <= 0	
Description	As part of starting a new transaction, the system makes a unique transaction identifier that is based, in part, on a system counter. If for some reason the counter was corrupted, this message is printed.
Action	Contact your BEA TUXEDO system Technical Support. The bulletin board shared memory has probably been corrupted by a stray pointer or some other problem. Consider running <code>tmadmin's bbsclean</code> command to verify the sanity of this site's bulletin board.
See Also	<code>tmadmin(1)</code>
1380 ERROR: Still in transaction	
Description	A service routine explicitly started a transaction but did not commit or abort it before calling <code>tpreturn</code> . The transaction was aborted by the system, and the caller received a <code>TPESVCERR</code> return code.
Action	Modify the service routine to resolve the transaction before calling <code>tpreturn</code> .
See Also	<code>tpreturn(3c)</code>
1381 ERROR: Cannot lock bulletin board	
Description	As part of <code>tpreturn</code> 's processing in transaction mode, an attempt to lock the bulletin board failed. The transaction was aborted.
Action	Check for corrupted shared memory, an invalid application <code>IPCKEY</code> , or if two applications are using the same <code>IPCKEY</code> .
1382 ERROR: Cannot unlock bulletin board	
Description	As part of <code>tpreturn</code> 's processing in transaction mode, an attempt to unlock the bulletin board failed. The transaction was aborted.
Action	Check for corrupted shared memory, an invalid application <code>IPCKEY</code> , or if two applications are using the same <code>IPCKEY</code> .

1383 ERROR: Cannot get counter value for new transaction

Description	As part of starting a new transaction, the system makes a unique transaction identifier that is based, in part, on a system counter. If for some reason the counter was corrupted, this message is printed.
Action	Contact your BEA TUXEDO system Technical Support. The bulletin board shared memory has probably been corrupted by a stray pointer or some other problem. Consider running <code>tmadmin's bbsclean</code> command to verify the sanity of this site's bulletin board.
See Also	<code>tmadmin(1)</code>

1384 ERROR: xa_start flags *flags* returned *errcode*

Description	This message is issued if a process attempting to start a new transaction encounters an error when calling the database resource manager's <code>xa_start()</code> routine. The transaction fails to begin. The message prints the flags passed to <code>xa_start()</code> and the error code that <code>xa_start()</code> returned.
Action	Contact your BEA TUXEDO system Technical Support or your database system vendor. The database system documentation or error logs may contain more information about why <code>xa_start()</code> failed.

1385 ERROR: xa_end returned *errcode*

Description	This message is issued if a process attempting to commit a transaction encounters an error when calling the database resource manager's <code>xa_end()</code> routine. The transaction will be aborted. The message prints the error code that <code>xa_end()</code> returned.
Action	Contact your BEA TUXEDO system Technical Support or your database system vendor. The database system documentation or error logs may contain more information about why <code>xa_end()</code> failed.

1386 **ERROR: xa_abort returned** *errcode*

Description This message is issued if a process attempting to commit a transaction could not lock the bulletin board. It then attempted to roll back the transaction, and encountered an error when calling the database resource manager's `xa_rollback()` routine [previously known as `xa_abort()`]. The message prints the error code that `xa_rollback()` returned.

Action Contact your BEA TUXEDO system Technical Support or your database system vendor. The database system documentation or error logs may contain more information about why `xa_rollback()` failed.

1387 **ERROR: xa_commit returned** *errcode*

Description This message is issued if a process attempting to commit a transaction encountered an error when calling the database resource manager's `xa_commit()` routine. The message prints the error code that `xa_commit()` returned.

Action Contact your BEA TUXEDO system Technical Support or your database system vendor. The database system documentation or error logs may contain more information about why `xa_commit()` failed.

1388 **ERROR: Wrong transaction state** *state*

Description This message is issued when a transaction cannot be committed because the process is in an invalid transaction state (that is, a protocol violation). The process may have already called `tpcommit(3c)` or `tpabort(3c)` to resolve the transaction's state, and therefore is no longer in transaction mode. This message also prints out the current transaction state.

Action See the userlog for more information about this transaction's completion. Also, use `tmadmin's printtrans` command to find out more information about the transaction.

1389	ERROR: xa_end returned <i>errcode</i>
Description	This message is issued if a process attempting to abort a transaction encounters an error when calling the database resource manager's <code>xa_end()</code> routine. The message prints the error code that <code>xa_end()</code> returned.
Action	Contact your BEA TUXEDO system Technical Support or your database system vendor. The database system documentation or error logs may contain more information about why <code>xa_end()</code> failed.

1390	ERROR: Too many groups in transaction, cannot add <i>groupname</i>
Description	An error has occurred while attempting to add a group to a transaction because the maximum number of groups allowed in a transaction has been reached. The transaction will be aborted.
Action	If possible, reduce the number of groups required for the particular operation, or call some of them with the <code>TPNOTRAN</code> flag. Using <code>tpenqueue()</code> may allow some work involving additional groups to be done later as part of another transaction. If that is not possible, contact your BEA TUXEDO system Technical Support.

1391	WARN: tpreturn called outside service routine
Description	<code>tpreturn()</code> was called in an invalid context.
Action	Modify the application code calling <code>tpreturn()</code> .
See Also	<code>tpreturn(3c)</code>

1392	WARN: tpreturn called with invalid flags <i>0xflags</i>
Description	<code>tpreturn()</code> was called with an invalid flag parameter. This userlog message is issued because control will not return to the service routine. Instead, the process invoking the service routine will receive a <code>TPESVCERR</code> return code.
Action	Modify the application code calling <code>tpreturn()</code> .
See Also	<code>tpreturn(3c)</code>

1393 WARN: tpreturn called with TPEXIT	
Description	tpreturn() was called with the TPEXIT flag value. This userlog message is issued because control will not return to the service routine, and the server process will be restarted. The process invoking the service routine will receive a TPESVCERR return code.
Action	Contact the application developer to learn why the server process failed and requested a restart.
See Also	tpreturn(3c)
1394 WARN: tpreturn called with invalid rval <i>number</i>	
Description	tpreturn() was called with an invalid rval parameter. This userlog message is issued because control will not return to the service routine. Instead, the process invoking the service routine will receive a TPESVCERR return code.
Action	Modify the application code calling tpreturn().
See Also	tpreturn(3c)
1395 WARN: tpreturn failed because connection not SENDONLY	
Description	tpreturn() was called in an invalid conversational context. The caller should be in SENDONLY mode when attempting to successfully end the conversation. This userlog message is issued because control will not return to the service routine. Instead, the process invoking the service routine will receive a TPESVCERR return code.
Action	Modify the application logic so that the service routine has SENDONLY control of the conversation before calling tpreturn().
See Also	tpconnect(3c), tpreturn(3c)

1396 WARN: tpreturn failed because subordinate conversations open

Description `tpreturn()` was called in an invalid conversational context. The caller should successfully end all conversations it initiated before calling `tpreturn()` with `TPSUCCESS`. This userlog message is issued because control will not return to the service routine. Instead, the process invoking the service routine will receive a `TPESVCERR` return code.

Action Modify the application logic so that the service routine ends all conversations it started before calling `tpreturn()`.

See Also `tpconnect(3c)`, `tpreturn(3c)`

1397 WARN: tpreturn transaction processing failure

Description `tpreturn()` encountered a transaction processing error, and the transaction will be aborted (if it has not been already). One possible cause might be the service routine ran for a very long time, and the transaction timed out before `tpreturn()` was called. This userlog message is issued because control will not return to the service routine. The process invoking the service routine will receive an error return code.

Action See the userlog for more information about this transaction's completion. Also, use `tmadmin's printtrans` command to find out more information about the transaction.

See Also `tmadmin(1)`

1398 WARN: tpforward called outside service routine

Description `tpforward()` was called in an invalid context.

Action Modify the application code calling `tpforward()`.

See Also `tpforward(3c)`

1399 WARN: tpforward called with invalid flags 0xflags	
Description	tpforward() was called with an invalid flag parameter. This userlog message is issued because control will not return to the service routine. Instead, the process invoking the service routine will receive a TPESVCERR return code.
Action	Modify the application code calling tpforward().
See Also	tpforward(3c)

11 LIBTUX Messages

1400-1499

1401 WARN: tpforward tpacall failure *errcode*

Description	A service routine's <code>tmforward()</code> request failed because an underlying <code>tpacall()</code> failed. The error code from <code>tpacall()</code> is displayed as part of this message. This userlog message is issued because control will not return to the service routine. Instead, the process invoking the service routine will receive a <code>TPESVCFAIL</code> return code.
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Action	Diagnose this problem based on the error return code shown in the userlog message. One likely cause is that the service being forwarded to is not available.
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See Also	<code>tpacall(3c)</code> , <code>tpforward(3c)</code>
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1406 ERROR: Memory allocation failure within interoperability processing

Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while doing interoperability processing.
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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.
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See Also	<code>malloc(3)</code> in UNIX System reference manuals
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1407 WARN: TMDEBUG regular expression invalid. Ignoring regular expression.	
Description	A system debugging enabled binary is being used, and the debugging value provided via the environment contains an invalid regular expression.
Action	Contact your BEA TUXEDO system Technical Support.
1409 ERROR: Suspended client attempting to generate new request	
Description	A suspended client attempted to inject new work into the domain. Clients are suspended by the application administrator using either the /AdminGUI or /AdminAPI.
Action	Contact your application administrator to determine why the client was suspended and when they might expect to be unsuspended.
See Also	<i>Administering the BEA TUXEDO System, BEA TUXEDO Administrator's Guide to the Web-Based GUI</i> , tpcall(3c), tpcall(3c), MIB(5), TM_MIB(5)
1410 ERROR: Suspended client attempting to generate new request	
Description	A suspended client attempted to inject new work into the domain. Clients are suspended by the application administrator using either the /AdminGUI or /AdminAPI.
Action	Contact your application administrator to determine why the client was suspended and when they might expect to be unsuspended.
See Also	<i>Administering the BEA TUXEDO System, BEA TUXEDO Administrator's Guide to the Web-Based GUI</i> , tpcall(3c), tpcall(3c), MIB(5), TM_MIB(5)
1411 ERROR: Suspended client attempting to generate new conversation	
Description	A suspended client attempted to start a new conversation. Clients are suspended by the application administrator using either the /AdminGUI or /AdminAPI.
Action	Contact your application administrator to determine why the client was suspended and when they might expect to be unsuspended.
See Also	<i>Administering the BEA TUXEDO System, BEA TUXEDO Administrator's Guide to the Web-Based GUI</i> , tpconnect(3c), MIB(5), TM_MIB(5)

1412 ERROR: Suspended client attempting to start new transaction

Description A suspended client attempted to start a new transaction. Clients are suspended by the application administrator using either the /AdminGUI or /AdminAPI.

Action Contact your application administrator to determine why the client was suspended and when they might expect to be unsuspended.

See Also *Administering the BEA TUXEDO System, BEA TUXEDO Administrator's Guide to the Web-based GUI*, `tpbegin(3c)`, `MIB(5)`, `TM_MIB(5)`

1413 WARN: Client aborting processing

Description The client generating the userlog message has been administratively set to a state of DEAD. This has been detected within the BEA TUXEDO system libraries invoked by the client, and the client is abortively terminating processing via a call to `abort()`.

Action Contact your application administrator to see why the client was abortively terminated.

See Also *Administering the BEA TUXEDO System*, `MIB(5)`, `TM_MIB(5)`

1414 WARN: Client aborting processing

Description The client generating the userlog message has been administratively set to a state of DEAD. This has been detected within the BEA TUXEDO system libraries invoked by the client, and the client is abortively terminating processing via a call to `tpabort()`.

Action Contact your application administrator to see why the client was abortively terminated.

See Also *Administering the BEA TUXEDO System*, `MIB(5)`, `TM_MIB(5)`

1415 ERROR: Memory allocation failure	
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while performing server initialization.
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.
See Also	<code>malloc(3c)</code> in UNIX System reference manuals
1416 ERROR: Server group active on primary location	
Description	A server attempted to boot on the backup site for its server group while servers in the group were active on the group's primary site.
Action	Restart the server on the primary site.
See Also	<i>Administering the BEA TUXEDO System</i> , <code>tmboot(1)</code>
1417 ERROR: Application initialization failure	
Description	An application initialization failure occurred in the <code>tpsvrinit(3c)</code> processing for a dynamically spawned conversational server.
Action	Examine application specific code to determine the cause of the error.
See Also	<i>BEA TUXEDO Programmer's Guide</i> , <code>tpopen(3c)</code> , <code>tpsvrinit(3c)</code>
1418 ERROR: invalid server group information given	
Description	Server group deletion was invoked with invalid server group information.
Action	Contact your BEA TUXEDO system Technical Support.

1419 ERROR: Cannot advertise service names beginning with '.'

Description An application server attempted to advertise a reserved service name (that is, one beginning with the character '.') during server initialization.

Action Modify the configuration file entry and/or the tpsvrinit(3c) processing for the server to avoid attempts to advertise reserved service names.

See Also *Administering the BEA TUXEDO System, BEA TUXEDO Programmer's Guide*, tpadvertise(3c), tpsvrinit(3c), ubbconfig(5)

1420 ERROR: Cannot advertise service names beginning with '.'

Description An application server attempted to advertise a reserved service name (that is, one beginning with the character '.') during server initialization.

Action Modify the configuration file entry and/or the tpsvrinit(3c) processing for the server to avoid attempts to advertise reserved service names.

See Also *Administering the BEA TUXEDO System, BEA TUXEDO Programmer's Guide*, tpadvertise(3c), tpsvrinit(3c), ubbconfig(5)

1421 ERROR: Out of order routing table found

Description The configuration file routing table was in an inconsistent state and could not be processed.

Action Remove your BEA TUXEDO system configuration file, reconfigure the application, and reboot.

See Also *Administering the BEA TUXEDO System*, tmboot(1), tmconfig(1)

1422	WARN: Cannot compute field name <i>fldname</i> view offset for criteria <i>crit</i> type <i>typ</i> subtype <i>subtyp</i>
Description	The system could not map the field name <i>fldname</i> to a corresponding view offset while processing routing criteria <i>crit</i> for buffer type <i>typ</i> and subtype <i>subtyp</i> . The indicated criteria entry is added to the bulletin board; however, routing using this criterion will not succeed from this site due to the field name mapping problem.
Action	Check the environment file for the site in question to ensure that the appropriate environment variables (that is, <code>FLDDBTBL</code> , <code>FLDDBTBLDIR</code> , <code>VIEWDIR</code> , and <code>VIEWFILES</code>) are set correctly.
See Also	<i>Administering the BEA TUXEDO System</i> , compilation(5), ubbconfig(5)
1423	WARN: Cannot route on unknown buffer type <i>typ</i>
Description	A ROUTING section entry was specified in the ubbconfig(5) file that referenced an unsupported buffer type for preconfigured ROUTING entries. The entry in question is ignored by the system and processing continues.
Action	Correct the entry to use one of the supported types or remove the entry from the configuration file altogether.
See Also	<i>Administering the BEA TUXEDO System</i> , ubbconfig(5)
1424	ERROR: Routing field <i>fld</i> type mismatch for routing criteria <i>crit</i>, type <i>typ</i> subtype <i>subtyp</i>, ignored
Description	The routing field <i>fld</i> had a different data type in routing criteria entry <i>crit</i> for buffer type <i>typ</i> and subtype <i>subtyp</i> than it did for an earlier buffer type in the same routing entry.
Action	Split the routing specification for the two buffer types into separate entries, each with routing rules appropriate for the data type of the field in that buffer type. Alternatively, the buffer types themselves may be changed to bring the data types into alignment. This would typically mean modifying an FML field or a VIEW specification.
See Also	<i>Administering the BEA TUXEDO System</i> , <i>BEA TUXEDO FML Programmer's Guide</i> , <code>tmloadcf</code> (1), ubbconfig(5)

1425	WARN: Duplicate routing criteria <i>crit</i> type <i>typ</i> combination ignored
Description	A routing criteria <i>crit</i> , buffer type combination <i>typ</i> was specified more than once in the ROUTING section of the ubbconfig(5) file.
Action	Correct the configuration file to remove the duplicate entry, and rerun tmloadcf(1).
See Also	<i>Administering the BEA TUXEDO System</i> , tmloadcf(1), ubbconfig(5)
1426	ERROR: Insufficient routing table space to create entry for criteria <i>crit</i> type <i>typ</i>
Description	The indicated routing criteria type combination (<i>crit/typ</i>) could not be created due to table size restrictions in the bulletin board.
Action	Increase the sizes of the bulletin board tables and reboot the application. These parameters include MAXDRT, MAXRFT, and MAXRTDATA.
See Also	<i>Administering the BEA TUXEDO System</i> , tmloadcf(1), ubbconfig(5)
1427	ERROR: System error(<i>tperrmsg</i>) creating routing table for criteria <i>crit</i> type <i>typ</i>
Description	The BEA TUXEDO system error indicated by <i>tperrmsg</i> occurred while attempting to create a new routing criteria table entry for <i>crit/typ</i> .
Action	Contact your BEA TUXEDO system Technical Support.
1428	ERROR: Cannot map field name <i>fld</i> to field identifier for criteria <i>crit</i> type <i>typ</i>
Description	The indicated ROUTING section entry could not be added to the bulletin board because the specified field name <i>fld</i> could not be mapped to a field identifier.
Action	Check the environment file for the site in question to ensure that the environment variables FIELDTBLS and FLDTBLLDIR are set correctly for the application. Also check that the field name is specified correctly in the ubbconfig(5) file.
See Also	<i>Administering the BEA TUXEDO System</i> , tmloadcf(1), compilation(5), ubbconfig(5)

1429	ERROR: Cannot compute field name <i>fldname</i> view offset for criteria <i>crit</i> type <i>typ</i> subtype <i>subtyp</i>
Description	The system could not map the field name <i>fldname</i> to a corresponding view offset while processing routing criteria <i>crit</i> for buffer type <i>typ</i> and subtype <i>subtyp</i> . The indicated routing criterion is ignored and processing continues.
Action	Check the environment file for the site in question to ensure that the appropriate environment variables (that is, <code>FLDDBLS</code> , <code>FLDDBLDIR</code> , <code>VIEWDIR</code> , and <code>VIEWFILES</code>) are set correctly.
See Also	<i>Administering the BEA TUXEDO System</i> , <code>compilation(5)</code> , <code>ubbconfig(5)</code>
1430	WARN: Ignoring routing entry <i>crit</i>, invalid buffer type specified
Description	Routing criteria <i>crit</i> is ignored by the system due to invalid buffer types being specified.
Action	ROUTING section entries must use only system supported buffer types as defined in <code>ubbconfig</code> . Correct the configuration file to conform to this restriction, rerun <code>tmloadcf(1)</code> , and reboot the system (<code>tmboot(1)</code>).
See Also	<i>Administering the BEA TUXEDO System</i> , <code>tmboot(1)</code> , <code>tmloadcf(1)</code> , <code>ubbconfig(5)</code>
1431	WARN: Cannot compute field name <i>fldname</i> view offset for criteria <i>crit</i> type <i>typ</i> subtype <i>subtyp</i>
Description	The system could not map the field name <i>fldname</i> to a corresponding view offset while processing routing criteria <i>crit</i> for buffer type <i>typ</i> and subtype <i>subtyp</i> . The indicated criterion entry is added to the bulletin board; however, routing using this criterion will not succeed from this site due to the field name mapping problem.
Action	Check the environment file for the site in question to ensure that the appropriate environment variables (that is, <code>FLDDBLS</code> , <code>FLDDBLDIR</code> , <code>VIEWDIR</code> , and <code>VIEWFILES</code>) are set correctly.
See Also	<i>Administering the BEA TUXEDO System</i> , <code>compilation(5)</code> , <code>ubbconfig(5)</code>

1432	ERROR: Corrupted routing range table found
Description	The configuration file routing table was in an inconsistent state and could not be processed.
Action	Remove your BEA TUXEDO system configuration file, reconfigure the application, and reboot.
See Also	<i>Administering the BEA TUXEDO System</i> , <code>tmboot(1)</code> , <code>tmconfig(1)</code>

1433	WARN: Invalid trace category; trace point ignored
Description	The category (for example, <code>atmi</code>) associated with a trace point is not a known category. The trace point was therefore ignored.
Action	No action required.
See Also	<code>tmtrace(5)</code>

1434	ERROR: Invalid trace specification; ignored
Description	A syntactically incorrect trace specification was supplied as the value of the <code>TMTRACE</code> environment variable. The trace specification was ignored.
Action	Provide a legal string for the trace specification.
See Also	<code>tmtrace(5)</code>

1435	WARN: Invalid regular expression in trace specification (receiver); ignored
Description	A syntactically incorrect regular expression was supplied as part of the <i>receiver-spec</i> in the trace specification string. The regular expression was ignored; consequently, all trace points that passed the filter were emitted to the receiver.
Action	Provide a legal regular expression in the <i>receiver-spec</i> .
See Also	<code>tmtrace(5)</code>

1438 WARN: Trigger failed - system(status)	
Description	The execution of the trigger that was executed for a particular trace point failed. The trigger was specified in the trace specification.
Action	No action required.
See Also	tmtrace(5)
1439 WARN: Invalid regular expression in trace specification (trigger); ignored	
Description	A syntactically incorrect regular expression was supplied as part of the <i>trigger-spec</i> in the trace specification string. The regular expression was ignored; consequently, the trigger was executed for all trace points that passed the filter.
Action	Provide a legal regular expression in the <i>trigger-spec</i> .
See Also	tmtrace(5)
1440 ERROR: Invalid trace trigger; ignored	
Description	The action (for example, dye) specified in the <i>trigger-spec</i> of a trace specification is not a known action. The trigger was therefore not executed for a trace point that passed the filter.
Action	Provide a valid trigger action in the trace specification.
See Also	tmtrace(5)
1441 ERROR: tpcommit message failure, check GTT	
Description	This message is issued when the system encounters an error trying to receive the reply to a request sent to a TMS to complete a transaction. The message is typically issued when a system-level failure occurs.
Action	See the userlog for more information about this transaction's completion and about any communication error that may have occurred. Also, use tadmin's <code>printtrans</code> command to find out more information about the transaction, and use the <code>printnet</code> command to see the status of all machine connections in the network. This command will report any network partitions.
See Also	tadmin(1)

1461 ERROR: Could not advertise *servicename*. Specify all functions at buildserver time.

Description All functions that can handle service name associations must be specified at buildserver time. This can be done using the `-s: functionname` option to buildserver. For example, in order to allow services to be associated with the function `foo` dynamically, the buildserver line would include the `-s:foo` option.

Action Add all functions that can be dynamically associated with a service name to the buildserver command line. If there are many functions of this variety, the `-s @filename` option allows the developer to specify a file which buildserver will parse. Each line of this file is considered to be an argument to the `-s` option. This file can be commented by using a '#' character in the first character position on a line. On the SunOS 4.1.3 platform, set the `CFLAGS=-PIC` when running the buildserver command.

1463 ERROR: Error parsing -s option.

Description The CLOPT option specified in ubbconfig(5) had a syntax error in the `-s` option.

Action See the servopts(5) and ubbconfig(5) manual pages for a description of the `-s` option in the CLOPT line. Then change the CLOPT line for this server to conform to the proper syntax. Run `tmloadcf(1)` on the new ubbconfig, and reboot the affected server.

1465 INFO: Duplicate advertisement of service *servicename* (*func functionname*) ignored.

Description The given association between *servicename* and *functionname* has already been advertised. Duplicates are ignored.

Action In order to eliminate this message, remove the duplicate service advertisement from either the buildserver command line or the CLOPT line for this server in the ubbconfig(5) file.

1466	WARN: Overriding service <i>servicename</i> (func <i>functionname</i>) mapping given at buildserver time.
Description	An association between a <i>servicename</i> and a <i>functionname</i> given at buildserver time has been overridden by the CLOPT line in the <code>ubbconfig(5)</code> file.
Action	The CLOPT line overrides associations made at buildserver time. If you wish to preserve the association made at buildserver time, then it will be necessary to remove the offending association in the CLOPT line of this server.
1467	WARN: Skipping recursive export file.
Description	The <code>-s @filename</code> option can be used with the CLOPT line in the <code>ubbconfig(5)</code> file. However, the arguments within the file specified by <i>filename</i> cannot specify another file to open and parse. This practice is known as file recursion. File recursion is not supported by <code>buildserver(1)</code> .
Action	Remove any lines from <i>filename</i> which begin with the @ character.
1468	WARN: Could not open file <i>filename</i>.
Description	The file specified on the CLOPT line of this server in the <code>ubbconfig(5)</code> file via the <code>-s @filename</code> option does not exist.
Action	Make sure that the given filename exists. One useful trick is to specify <i>filename</i> as a full path name, rather than a relative path name.
1469	ERROR: Error while parsing file <i>filename</i>.
Description	The server was parsing the given <i>filename</i> . While parsing the file given via the <code>-s @filename</code> option of the CLOPT, the server encountered a syntax error.
Action	Edit the file specified by the <code>-s @filename</code> option. Make sure that each line is a valid argument to the <code>-s</code> option. The file may be commented if the first character of the comment line is "#". Blank lines are also acceptable. If the file is syntactically correct, then contact BEA TUXEDO system Technical Support.

1470 WARN: Function *functionname* not specified at buildserver time. *servicename* will not be advertised.

Description All functions that can handle service name associations must be specified at buildserver time. This can be done using the `-s :functionname` option to buildserver. For example, in order to allow services to be associated with the function `foo` dynamically, the buildserver line would include the `-s :foo` option.

Action Add all functions that can be dynamically associated with a service name to the buildserver command line. If there are many functions of this variety, the `-s @filename` option allows the developer to specify a file which buildserver will parse. Each line of this file is considered to be an argument to the `-s` option. This file can be commented by using a '#' character in the first character position on a line. On the SunOS 4.1.3 platform, set the `CFLAGS=-PIC` when running the buildserver command.

1471 ERROR: Memory allocation failure.

Description While attempting to create a table for service advertisements, the system ran out of memory.

Action Check the memory of the system. If it appears that there should be enough memory to run this server, then contact the BEA TUXEDO system Technical Support.

1472 WARN: Function name must be <= *number* characters in length; *functionname* will be truncated

Description Function names are restricted in length. If a given function name is longer than this maximum length, then that function name will be truncated.

Action Shorten the length of the function name.

1473 WARN: Service name must be <= *number* characters in length; *servicename* will be truncated

Description Service names are restricted in length. If a given service name is longer than this maximum length, then that service name will be truncated.

Action Shorten the length of the service name.

1475	ERROR: .SysServerCleaning: <i>servername</i>, group <i>srvgrp</i>, id <i>srvid</i> server cleaning
Description	This message indicates that the server specified above died abnormally and the BBL cleaned up the slot allocated by the server.
Action	Debug the server and fix the problem before it is restarted again.
See Also	EVENT_MIB(5), TM_MIB(5)
1476	ERROR: .SysServerRestarting: <i>servername</i>, group <i>srvgrp</i>, id <i>srvid</i> server restarting
Description	<p>This message indicates that the server specified above died abnormally; and since this has been marked as a restartable server, it has been restarted.</p> <p>This message is also printed during normal migration of the DBBL from the master to the backup.</p>
Action	<p>BEA TUXEDO application servers should not ordinarily die abnormally. This error is most likely due to an application-specific problem. Debug the server and resolve the problem before restarting the server again.</p> <p>If it occurs for the DBBL during migration, it can be ignored.</p>
See Also	EVENT_MIB(5), TM_MIB(5)
1477	ERROR: .SysServerDied: <i>servername</i>, group <i>srvgrp</i>, id <i>srvid</i> server died
Description	This message indicates that the server specified above died abnormally and the BBL detected this condition in its periodic scan of the BB.
Action	Debug the server and fix the problem before it is restarted again.
See Also	EVENT_MIB(5), TM_MIB(5)

1478	ERROR: .SysServerInit: <i>servername</i>, group <i>srvgrp</i>, id <i>srvid</i> server initialization failure
Description	This message indicates that the server specified above failed in <code>tpsvrinit()</code> and therefore could not be booted.
Action	Fix the problem and then reboot the server. The problem can be due to a BEA TUXEDO resource limit or an application-specific problem.
See Also	EVENT_MIB(5), TM_MIB(5)

1479	ERROR: .SysServerTpexit: <i>servername</i>, group <i>srvgrp</i>, id <i>srvid</i> server requested TPEXIT
Description	This message indicates that the server specified above received a request, and the service routine code did a <code>tpreturn(TPEXIT)</code> while the server was executing application-specific code.
Action	This is an informational message.
See Also	EVENT_MIB(5), TM_MIB(5)

1480	ERROR: .SysServerMaxgen: <i>servername</i>, group <i>srvgrp</i>, id <i>srvid</i> server exceeded MAXGEN LIMIT
Description	This message indicates that the server specified above died abnormally; and since this has been marked as a restartable server, it has been restarted MAXGEN-1 times in the specified GRACE period.
Action	BEA TUXEDO application servers should not ordinarily die abnormally. This error is most likely due to an application-specific problem. Debug the server and resolve the problem before restarting the server again.
See Also	EVENT_MIB(5), TM_MIB(5)

1481	WARN: .SysClientDied: User <i>usrname</i> on LMID client died
Description	This message indicates that the client specified above exited the application without doing a <code>tpterm()</code> . A complete listing of the current attributes of the client are sent in the posted buffer. In the normal way, the clients should do a <code>tpterm()</code> before exiting the application.
Action	This is an informational message.
See Also	EVENT_MIB(5), TM_MIB(5)
1482	INFO: .SysClientState: User <i>usrname</i> on LMID state change to <i>state</i>
Description	This message indicates that the client specified above changed to a new state. A complete listing of the current attributes of the client are sent in the posted buffer.
Action	This is an informational message.
See Also	EVENT_MIB(5), TM_MIB(5)
1483	INFO: .SysClientState: User <i>usrname</i> on LMID state change to <i>state</i>
Description	This message indicates that the client specified above changed to a new state. A complete listing of the current attributes of the client are sent in the posted buffer.
Action	This is an informational message.
See Also	EVENT_MIB(5), TM_MIB(5)
1484	WARN: .SysClientSecurity: User <i>usrname</i> on LMID authentication failure
Description	This message indicates that the client specified above failed security validation when trying to join the application. A complete listing of the current attributes of the client are sent in the posted buffer.
Action	Check to make sure that this is not some hacker trying to gain access to your application data.
See Also	EVENT_MIB(5), TM_MIB(5)

1485 ERROR: .SysNetworkDropped: *LMID1*->*LMID2* connection dropped

Description This message indicates that the network link between the two machines specified was dropped abnormally. A complete listing of the current parameters are sent along in the posted buffer.

Action This can happen either because the BRIDGE on either machine died or one of the machines crashed.

See Also EVENT_MIB(5), TM_MIB(5)

1486 ERROR: .SysNetworkFailure: *LMID1*->*LMID2* connection failure

Description This message indicates that the BRIDGE process on *LMID1* could not make a network connection to the BRIDGE process on *LMID2*. A complete listing of the current parameters are sent along in the posted buffer.

Action This can happen either because the BRIDGE on the remote machine died or the remote machine itself crashed.

See Also EVENT_MIB(5), TM_MIB(5)

1488 WARN: .SysMachineFullMaxconv: *LMID* capacity limit

Description This message indicates that the given *LMID* reached the capacity limit on the number of concurrent conversations. A complete listing of the current parameters for the given *LMID* are sent along in the posted buffer.

Action Increase the value of MAXCONV for the particular machine such that this event is not generated.

See Also EVENT_MIB(5), TM_MIB(5)

1489 WARN: .SysMachineFullMaxgtt: *LMID* capacity limit

Description This message indicates that the given *LMID* reached the capacity limit on the number of concurrent transactions. A complete listing of the current parameters for the given *LMID* are sent along in the posted buffer.

Action Increase the value of MAXGTT for the particular machine such that this event is not generated.

See Also EVENT_MIB(5), TM_MIB(5)

1490 WARN: .SysMachineFullMaxwsclients: <i>LMID</i> capacity limit	
Description	This message indicates that the given <i>LMID</i> reached the capacity limit on the number of workstation clients. A complete listing of the current parameters for the given <i>LMID</i> are sent along in the posted buffer.
Action	Increase the value of MAXWSCLIENTS for the particular machine such that this event is not generated.
See Also	EVENT_MIB(5), TM_MIB(5)
1491 WARN: .SysMachineFullMaxaccessers: <i>LMID</i> capacity limit	
Description	This message indicates that the given <i>LMID</i> reached the capacity limit on the number of accessers. A complete listing of the current parameters for the given <i>LMID</i> are sent along in the posted buffer.
Action	Increase the MAXACCESSERS for the particular machine or, if the hardware/software limits have been reached for the maximum number of users on the machine, move additional users to other machines.
See Also	EVENT_MIB(5), TM_MIB(5)
1492 ERROR: .SysMachinePartitioned: <i>LMID</i> is partitioned	
Description	This message indicates that the DBBL partitioned the stated machine either because the BBL on the machine is slow or the network link between the master and the machine is broken.
Action	This can be caused due to various reasons, the first one being that the entire network is bogged down due to heavy traffic. The second is that the BBL or BRIDGE on the non-master is either dead or slow. The third is that the BRIDGE process on the non-master is extremely busy. The software is capable of unpartitioning the machine if things stabilize.
See Also	EVENT_MIB(5), TM_MIB(5)

1494 INFO: .SysNetworkFlow: *LMID1*->*LMID2* flow control

Description While sending a message on the network, flow control has been detected. Machine parameters for both machines are sent along in the posted buffer.

Action This is usually caused by heavy network traffic. No action required.

See Also EVENT_MIB(5), TM_MIB(5)

1495 INFO: .SysMachineUnpartitioned: *LMID* is unpartitioned

Description A machine that was partitioned (see message 1492) is again available to service requests.

Action No action required.

See Also EVENT_MIB(5), TM_MIB(5)

1496 **WARN: .SysMachineSlow: *machine* slow responding to DBBL**

Description The BBL on *machine* sends an “I’m OK” message to the DBBL every time it performs a sanity check of its machine. This check occurs every “SANITYSCAN * SCANUNIT” seconds, as specified in the RESOURCES section. Similarly, every BBLQUERY * SCANUNIT seconds, the DBBL performs a sanity check of all BBLs. If an “I’m OK” message has not been received from *machine* during the previous “BBLQUERY * SCANUNIT” seconds, the DBBL prints this warning message. Then an explicit sanity check is done over the network. If this check also fails, *machine* will be considered partitioned.

Action This message indicates that there may be network congestion or an overload on *machine*. There is a risk that *machine* will become partitioned.

- ◆ Check for networking problems between the two machines, or any cause of slow network response.
- ◆ Check for a CPU overload on *machine* that prevents the BBL process from running.
- ◆ Check for a CPU overload on the master machine that prevents the DBBL from processing messages in its queue.
- ◆ Adjust the BBLQUERY parameter so that it is larger than the SANITYSCAN parameter. A difference of ten seconds or more should prevent spurious warnings under most circumstances.

See Also EVENT_MIB(5), TM_MIB(5)

1497 **WARN: .SysMachineMsgq: *LMID* message queue blocking**

Description This message indicates that the server posting a message encountered a blocking condition while putting a message on the message queue. A complete listing of the machine parameters are sent along in the posted buffer.

Action Configure larger message queues and/or distribute the load equally on all the machines.

See Also EVENT_MIB(5), TM_MIB(5)

1498 WARN: .SysMachineBroadcast: *LMID* broadcast delivery failure

Description This message indicates that `tpbroadcast ()` failed for at least one accessor on *LMID* of the application. A complete listing of the machine parameters is sent along in the posted buffer.

Action Since the broadcast messages are sent in no-blocking mode, it is possible that the process doing the broadcasting encountered a blocking condition and dropped a message. Configure larger message queues and/or load-balance clients/servers such that excessive load is not put on some machines.

See Also `EVENT_MIB(5)`, `TM_MIB(5)`

1499 ERROR: Unable to update security version number.

Description While updating one of the administrative security files, the version number could not be updated. This will cause a potential inconsistency between multiple active machines in the application.

Action Attempt to update the security information (users, groups, ACLs) again. If the message persists, shut down and re-boot the application, which will re-propagate the security files.

See Also `MIB(5)`, `TM_MIB(5)`

12 LIBTUX Messages

1500-1599

1509 ERROR: failed to get shared memory, errno = *errno_number*

Description A server attempted to create the shared memory used for the ACL cache and failed.

Action Check the configuration of shared memory on the system where the failure occurred. Increase the parameters to allow for more shared memory. The requirements can be reduced by setting MAXACLGROUPS and MAXACLCACHE lower.

See Also ubbconfig(5), TM_MIB(5)

1510 ERROR: failed to attach to shared memory, errno = *errno_number*

Description A server attempted to attach to the shared memory used for the ACL cache and failed.

Action Check the configuration of shared memory on the system where the failure occurred. Increase the parameters to allow for more shared memory. The requirements can be reduced by setting MAXACLGROUPS and MAXACLCACHE lower.

See Also ubbconfig(5), TM_MIB(5)

1511 WARN: [Semaphore appears stuck - currently held by <i>pid</i>]	
Description	While trying to lock a portion of the queue space (using a user-level semaphore), the process is unable to get the lock for a long period.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	<code>ubbconfig(5)</code> , <code>TM_MIB(5)</code>
1512 ERROR: Memory allocation failure	
Description	An attempt dynamically to allocate memory from the operating system using <code>malloc()</code> failed while performing ACL check.
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.
1513 WARN: Unable to cleanup security files.	
Description	When the security files are updated, modified and deleted entries are not immediately deleted. Occasionally, these entries are cleaned up and one of these attempts failed.
Action	No action required. The files will be cleaned up at a later time. This warning usually occurs when a cleanup was attempted when update activity was heavy.
1514 ERROR: Out of ACL cache entries.	
Description	When checking an access control list, the ACL cache ran out of entries. A permissions violation will be returned to the application.
Action	Change the application configuration to allow for more entries in the cache (<code>MAXACLCACHE</code> which is set on a per-machine basis).
See Also	<code>ubbconfig(5)</code> , <code>TM_MIB(5)</code>

1515 WARN: Access control violation - user *uid* on *LMID* tried to access *type name*

Description A client attempted to access a service, event, or queue for which it was not granted access via an access control list. The user identifier (configured in the user or principal file), the machine, entity type, and entity name are printed.

Action No action required. The access fails with an error and an event is generated. Further action may be required on the part of the security administrator.

See Also ubbconfig(5), TM_MIB(5)

1516 INFO: .SysACLParm: User *uid* on *LMID* tried to access *type name*

Description This is the event that is generated when a client has attempted to access a service, event, or queue for which it was not granted access via an access control list. The user identifier (configured in the user or principal file), the machine, entity type, and entity name are printed.

Action No action required. The access fails with an error and an event is generated. Further action may be required on the part of the security administrator.

See Also ubbconfig(5), TM_MIB(5)

1517 INFO: .SysMachineState: *LMID* state change to INACTIVE

Description The specified machine changed to a new state of INACTIVE. A complete listing of the current parameters are sent along in the posted buffer.

Action This is an informational message.

See Also EVENT_MIB(5), TM_MIB(5)

1518 INFO: .SysServerState: *servername*, *group srvgrp*, *id srvid* state change to *state*

Description This message indicates that the server specified above changed to a new state. A complete listing of the server attributes are sent in the posted buffer.

Action This is an informational message.

See Also EVENT_MIB(5), TM_MIB(5)

1519	ERROR: TUXCONFIG value (<i>val</i>) is longer than the allowed length of <i>len</i>
Description	The value specified in the TUXCONFIG environment variable, <i>val</i> , is longer than the allowed size of <i>len</i> characters.
Action	Correct the value of your environment variable.
See Also	ubbbconfig(5)
1520	ERROR: .SysTransactionHeuristicCommit: Transaction <i>gtrid</i> in group <i>grpno</i>
Description	This message indicates that the database in the group specified above performed a heuristic commit on the transaction indicated in the message.
Action	Check to make sure that the coordinator of the transaction is still up and running.
See Also	EVENT_MIB(5), TM_MIB(5)
1521	ERROR: .SysTransactionHeuristicAbort: Transaction <i>gtrid</i> in group <i>grpno</i>
Description	This message indicates that the database in the group specified above performed a heuristic abort on the transaction indicated in the message.
Action	Check to make sure that the coordinator of the transaction is still up and running.
See Also	EVENT_MIB(5), TM_MIB(5)
1523	ERROR: Unable to get APPDIR environment variable.
Description	While reading the ACL information, the program was unable to get the APPDIR environment variable.
Action	Normally, this variable is automatically set for both clients and servers based on the application configuration. Call BEA TUXEDO System Technical Support. Support.
1524	WARN: Cannot set high priority for '<i>sub</i>'
Description	On the Windows NT platform, the program was unable to set the priority class to HIGH_PRIORITY.
Action	No action required.

1526	ERROR: Memory allocation failure <i>error_info</i>
Description	An attempt dynamically to allocate memory from the operating system failed while trying to <code>tpalloc()</code> a buffer. Additional information is printed with the message indicating the problem.
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.
1527	ERROR: Memory allocation failure <i>error_info</i>
Description	An attempt dynamically to allocate memory from the operating system failed while trying to <code>tprealloc()</code> a buffer. Additional information is printed with the message indicating the problem.
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.
1528	ERROR: Invalid buffer passed to <code>tpfree</code> <i>error=error_info</i>
Description	A pointer was passed to <code>tpfree()</code> that is not a valid typed buffer (allocated with <code>tpalloc()</code>). Further information is printed with the message.
Action	Correct the application program so that only allocated buffers are passed to <code>tpfree()</code> .
See Also	<code>tpalloc(3c)</code> , <code>tpfree(3c)</code>
1529	ERROR: Invalid buffer passed to <code>tptypes</code> <i>error=error_info</i>
Description	A pointer was passed to <code>tptypes()</code> that is not a valid typed buffer (allocated with <code>tpalloc()</code>). Further information is printed with the message.
Action	Correct the application program so that only allocated buffers are passed to <code>tptypes()</code> .
See Also	<code>tpalloc(3c)</code> , <code>tptypes(3c)</code>

1530 ERROR: Memory allocation failure	
Description	An attempt dynamically to allocate memory from the operating system failed while trying to send a transaction message.
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.
1531 ERROR: Type switch buffer uninitialization routine failure	
Description	While receiving a message and freeing up a buffer, the buffer uninitialization function, <code>_tmuninitbuf()</code> , returned an error.
Action	Check the buffer type switch to see that it is correctly set up (that the right uninitialization function is associated with the correct buffer type). If an application-defined buffer type, check the uninitialization function to see that it is coded correctly.
See Also	<code>buffer(3c)</code> , <code>typesw(5)</code>
1532 ERROR: Type switch buffer uninitialization routine failure	
Description	While freeing up a buffer in <code>tpreturn()</code> , the buffer uninitialization function, <code>_tmuninitbuf()</code> , returned an error.
Action	Check the buffer type switch to see that it is correctly set up (that the right uninitialization function is associated with the correct buffer type). If an application-defined buffer type, check the uninitialization function to see that it is coded correctly.
See Also	<code>buffer(3c)</code> , <code>typesw(5)</code>
1533 ERROR: Type switch buffer uninitialization routine failure	
Description	While freeing up a buffer in <code>tpreturn()</code> , the buffer uninitialization function, <code>_tmuninitbuf()</code> , returned an error.
Action	Check the buffer type switch to see that it is correctly set up (that the right uninitialization function is associated with the correct buffer type). If an application-defined buffer type, check the uninitialization function to see that it is coded correctly.
See Also	<code>buffer(3c)</code> , <code>typesw(5)</code>

1534 ERROR: Type switch buffer uninitialization routine failure

Description	While freeing up a buffer in <code>tpforward()</code> , the buffer uninitialization function, <code>_tmuninitbuf()</code> , returned an error.
Action	Check the buffer type switch to see that it is correctly set up (that the right uninitialization function is associated with the correct buffer type). If an application-defined buffer type, check the uninitialization function to see that it is coded correctly.
See Also	<code>buffer(3c)</code> , <code>typesw(5)</code>

1535 ERROR: Invalid Group-id to open RM

Description	<code>tpopen()</code> or <code>txopen()</code> was called in a client that is not associated with a resource manager server group.
Action	Don't call <code>tpopen()</code> or <code>txopen()</code> from the client, or configure the client to be associated with a group using <code>tpinit()</code> .
See Also	<code>tpinit(3c)</code>

1536 ERROR: Invalid Group-id to close RM

Description	<code>tpclose()</code> or <code>txclose()</code> was called in a client that is not associated with a resource manager server group.
Action	Do not call <code>tpclose()</code> or <code>txclose()</code> from the client, or configure the client to be associated with a group using <code>tpinit()</code> .
See Also	<code>tpinit(3c)</code>

1537 ERROR: tpclose called with ongoing transaction

Description	<code>tpclose()</code> was called while within a global transaction (that is, <code>tpbegin()</code> or <code>txbegin()</code> was called).
Action	The transaction must be completed via <code>tpcommit()</code> or <code>tpabort()</code> before calling <code>tpclose()</code> .
See Also	<code>tpabort(3c)</code> , <code>tpbegin(3c)</code> , <code>tpclose(3c)</code> , <code>tpcommit(3c)</code>

1538 WARN: Could not lock Bulletin Board	
Description	The program was unable to get access to the BEA TUXEDO Bulletin Board (BB) within a reasonable amount of processing, due to race conditions with other processes trying to lock the BB. The associated operation will fail.
Action	This should not occur often, if at all. It occurs during a high level of concurrent access by many processes. Re-try the operation.
1539 ERROR: Error getting Group Environment <i>filename</i>	
Description	While booting a server, the associated group entry could not be found so any group environment file will not be processed.
Action	This indicates a problem in opening or reading the application configuration. Look for other messages in the event log indicating the problem.
See Also	<code>ubbconfig(5)</code>
1540 ERROR: Error putting ENVFILE <i>filename</i> into environment	
Description	In the process of booting a server or starting a client, the ENVFILE specified in the GROUPS section of the configuration could not be accessed. The server will still be booted or the client will be started but the environment will not be modified.
Action	Check the group environment file to see that it exists in the correct directory with the right name and with read permission. It may be necessary to shutdown the client or server and re-start it with the correct environment.
See Also	<code>ubbconfig(5)</code>
1541 WARN: Invalid server pool option <i>-p argument</i>	
Description	The given <i>argument</i> is in an invalid format.
Action	The format for the <code>-p</code> option is: <code>-p[L][low-water][,[terminate_time]][: [high_water][,create_time]]</code> Reformat <i>argument</i> to comply with the format for <code>-p</code> .
See Also	<code>servopts(5)</code>

1542	ERROR: The -p option is valid only for SHM mode with load balancing
Description	In order to use the server pool option -p, the application must be SHM mode and must have load balancing turned on.
Action	Remove the -p option from the CLOPT for the affected server. Make sure the application is running in SHM mode. Remember that SHM mode applications should have no NETWORK section in the UBBCONFIG file and should have MODEL set to SHM. Turn load balancing on in the application by specifying LDBAL to Y in the RESOURCES section of the UBBCONFIG file.
See Also	<code>servopts(5)</code>
1543	ERROR: The -p option is not valid for conversational servers
Description	In order to use the server pool option -p, the server must not be conversational.
Action	Remove the -p option from the CLOPT for the affected server. Make sure the server is not conversational by specifying CONV=N in the SERVERS section of the UBBCONFIG file for the affected server.
See Also	<code>servopts(5)</code>
1544	ERROR: The -p option is valid only for MSSQ servers
Description	In order to use the server pool option -p, the server must be in an MSSQ set where MAX is greater than 1.
Action	Remove the -p option from the CLOPT for the affected server. Make sure the server is in an MSSQ set by supplying a RQADDR for the server in the SERVERS section of the UBBCONFIG file. Make sure that the value of MAX in the SERVERS section of the UBBCONFIG is greater than 1 for the affected server.
See Also	<code>servopts(5)</code>

1545	ERROR: Invalid -p values <i>lw,tt:hw,ct</i>
Description	One of the values <i>lw</i> , <i>tt</i> , <i>hw</i> , or <i>ct</i> is incorrect.
Action	The format for the <i>-p</i> option is: <pre>-p[L][low-water][,[terminate_time]][:[high_water][,create_time]]</pre> Reformat <i>argument</i> to comply with the format for <i>-p</i> .
See Also	<code>servopts(5)</code>
1546	ERROR: Cannot lock Bulletin Board
Description	While testing the server pool, an error occurred while attempting to lock the bulletin board.
Action	Contact your BEA TUXEDO system Technical Support.
See Also	<code>servopts(5)</code>
1547	ERROR: Fatal error receiving requests, shutting server down
Description	The system detected a fatal error during the reception on incoming service requests.
Action	This message is supplied when the server has found a condition which does not allow the server to continue operation. The most common causes are lack of memory and corrupted memory, but other conditions could also cause this behavior. The server will shut itself down. If you believe that your system has enough memory and that the memory in the server has not been corrupted, contact your BEA TUXEDO system Technical Support.
1548	ERROR: Unable to send unsolicited message to process (<i>pid</i>)
Description	While sending an unsolicited message to process <i>pid</i> , an error occurred.
Action	The most common cause of this error message is that the recipient of the unsolicited message has died. Check to see if <i>pid</i> is still running, and if it is, contact your BEA TUXEDO system Technical Support.

1549 ERROR: Invalid USIGNAL parameter in Bulletin Board	
Description	While sending an unsolicited message, an invalid value of USIGNAL was found.
Action	If the NOTIFY option in the RESOURCES section of the UBBCONFIG file is SIGNAL, then USIGNAL must be SIGUSR1 or SIGUSR2. Other values are not recognized by the BEA TUXEDO system. Contact your BEA TUXEDO system Technical Support.

1550 ERROR: Unable to send signal to process, pid=<i>pid</i>	
Description	NOTIFY was set to SIGNAL, but while sending an unsolicited message to the process with process id <i>pid</i> , we could not properly signal the process.
Action	Contact your BEA TUXEDO system Technical Support.

1551 ERROR: Cannot find DBBL	
Description	While sending an unsolicited message to a process on a remote machine, the system encountered an error while attempting to find the DBBL.
Action	This may be a temporary failure, or a failure caused by a partitioned application. If the application is partitioned, then unsolicited messages may not work properly. If your application is not partitioned, contact your BEA TUXEDO system Technical Support.

1552 ERROR: Cannot perform operation, DBBL is migrating	
Description	While sending an unsolicited message to a process on a remote machine, the system discovered that the DBBL was migrating.
Action	During master migration, unsolicited messages may not be sent. Retry the operation when the DBBL is not migrating.

1553 ERROR: Unable to find WSH (<i>pid</i>)	
Description	While sending an unsolicited message to a workstation client, the system could not find the corresponding workstation handler.
Action	Unsolicited messages to workstation clients pass through the workstation handler. An error occurs if the workstation handler for a given client cannot be found. Contact your BEA TUXEDO system Technical Support.

1554	ERROR: WSH (<i>pid</i>) should not be ignoring unsolicited messages
Description	While sending an unsolicited message to a workstation client, the system found that the workstation handler was in an invalid state.
Action	Contact your BEA TUXEDO system Technical Support.
1555	ERROR: Unsolicited message encoding/decoding failed (<i>routine</i>)
Description	While encoding or decoding an unsolicited message, an error occurred.
Action	The value in <i>routine</i> will give the name of the function which failed during the encoding and decoding procedure. Contact your BEA TUXEDO system Technical Support with the values from <i>routine</i> .
1556	ERROR: Cannot receive TPACK because MSSQ is specified but REPLYQ is N
Description	In order to receive acknowledgment of delivery of an unsolicited message from a server in an MSSQ set, the REPLYQ parameter of that server must be set to Y.
Action	Change the value of REPLYQ for the affected server to Y in the SERVERS section of the UBBCONFIG file. Do not use the TPACK flag for <code>tpnotify(3c)</code> if you cannot specify REPLYQ Y in an MSSQ set.
1557	ERROR: Memory allocation failure <i>reason</i>
Description	While attempting to encode or decode an unsolicited message the system ran out of memory.
Action	Check the memory on the affected system. If it seems that there should be enough memory for this operation, contact your BEA TUXEDO system Technical Support.
1558	ERROR: Cannot create call descriptor for unsolicited message, <i>tperrno=tperrno</i>
Description	While generating a descriptor handle for an unsolicited message, an error occurred with <i>tperrno tperrno</i> .
Action	Check the memory on the affected system. If it seems that there should be enough memory for this operation, contact your BEA TUXEDO system Technical Support.

1559 ERROR: Failed to receive ACK for unsolicited message, tperrno=<i>tperrno</i>	
Description	While waiting for acknowledgment of receipt of an unsolicited message, an error occurred with tperrno <i>tperrno</i> .
Action	The recipient of the unsolicited message may or may not have received the unsolicited message. Examine <i>tperrno</i> for more information on the cause of the failure.

1560 ERROR: Failed to cancel unsolicited message call descriptor, tperrno=<i>tperrno</i>	
Description	If an error occurs while getting an acknowledgment from tponotify, the system attempts to tpcancel the request. If the tpcancel fails, then this message will appear.
Action	The recipient of the unsolicited message may or may not have received the unsolicited message. Examine <i>tperrno</i> for more information on the cause of the failure. Contact your BEA TUXEDO system Technical Support.

1561 ERROR: Failed to send ACK to notifier, tperrno=<i>tperrno</i>	
Description	The process which received an acknowledged notification event was unable to return the acknowledgment.
Action	Examine <i>tperrno</i> for more information on the cause of the failure. Contact your BEA TUXEDO system Technical Support.

1562 WARN: Unable to open MACHINE ENVFILE <i>envfile</i> for reading	
Description	The as400 machine could not open <i>envfile</i> for reading.
Action	Make sure <i>envfile</i> exists and that the process has sufficient permission for reading the file.

1564 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.

1565	ERROR: Application attempted to start a transaction but transactions are not licensed
Description	You do not have a license to use TUXEDO System/T transactions.
Action	Purchase a license for TUXEDO System/T transactions.
1566	ERROR: Unable to set type switch index
Description	An attempt to check a buffer type or subtype failed during a call to <code>tpalloc()</code> because the type or subtype is not in the buffer type switch.
Action	Check that the type and/or subtype is listed in the file <code>tmtypesw.c</code> .
1568	ERROR: TUXDIR environment variable not set
Description	The BEA TUXEDO System environment variable TUXDIR was not set while trying to read the BEA TUXEDO license file in <code>\$TUXDIR/udataobj</code> .
Action	Set and export the environment variable TUXDIR and repeat the operation.
See Also	<i>BEA TUXEDO Installation Guide</i>
1572	ERROR: Bad conversational sequence number
Description	Conversations are sequenced in order to provide protection. One of the conversational messages arrived out of order. The conversation has been disconnected, and if a transaction was active, it has been set to the ABORTONLY state.
Action	Look at the userlog to determine whether or not the BRIDGE has given up sending any messages to a message queue. If it has, the operating system may need to be tuned to properly handle a high volume of messages. This problem may also be alleviated by using compression. This error may also occur when the BRIDGE is failing over to a new network link or failing back to an high priority link.

1573	ERROR: Binary not Multi-context enabled
Description	The TPMULTICONTEXTS flag was set in <code>tpinit</code> , but this BEA TUXEDO system binary does not handle multiple thread contexts.
Action	Either buy the BEA TUXEDO system threads package or do not use the TPMULTICONTEXTS flag to <code>tpinit</code> .

1574	ERROR: TPMULTICONTEXTS option must be set
Description	When using the BEA TUXEDO system Threads package, the flags field of the <code>TPINIT</code> structure must have the TPMULTICONTEXTS flag set.
Action	Set the TPMULTICONTEXTS flag in the <code>TPINIT</code> buffers flags field.

1575	ERROR: TPMULTICONTEXTS inconsistent with Application Multicontext state
Description	When using the BEA TUXEDO System Threads package, the state of the application is not using threads, yet the flags field of the <code>TPINIT</code> structure has the TPMULTICONTEXTS flag set.
Action	If the state of the application is such that it is not using threads, then the TPMULTICONTEXTS flag should not be set. Unset the TPMULTICONTEXTS flag in the <code>TPINIT</code> buffers flags field.

1576	INFO: Command line domainid identification disabled
Description	The <code>-C</code> option of the server command line has been disabled.
Action	Contact your BEA TUXEDO system Technical Support.

1577	ERROR: Service <i>service</i> not available in group <i>group</i>
Description	This error is occurring in the <code>_froute32</code> function for FML32. The service to which this buffer has been routed does not exist in the group.
Action	Ensure that the routing criteria in the <code>UBBCONFIG</code> file is correct.
