



BEA Tuxedo

System Messages LIBGWT Catalog

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Document Edition	Date	Software Version
7.1	May 2000	BEA Tuxedo Release 7.1

LIBGWT Messages 1000-1099

1000 ERROR: Remote domain link not set in action table

Description Shared memory information on the remote domain is not available to establish a connection. Tables may have been changed since the service request came in and the remote domain is no longer configured.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1001 ERROR: No free context structures available

Description A free slot cannot be found in the context table. See surrounding messages for more information such as a memory allocation failure.

Action Contact your BEA TUXEDO system Technical Support.

1003 ERROR: No free context structures available

Description A free slot cannot be found in the context table. See surrounding messages for more information such as a memory allocation failure.

Action Contact your BEA TUXEDO system Technical Support.

1004 ERROR: Unable to obtain local tdomain address from shmem

Description Shared memory information for the local domain is not available to get local device for connection establishment. Severe shared memory error.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1006 ERROR: Unable to obtain remote domain entry from shmem

Description Shared memory information for the remote domain is not available to get needed information. An update to the configuration (DM_REMOTE_DOMAINS section) may have removed the domain information.

Action Retry the request after all configuration information has been updated or contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1007 ERROR: Unable to obtain remote tdomain address from shmem

Description Shared memory information for the remote domain is not available to get the addressing information for connection establishment. An update to the configuration (DM_TDOMAINS section) may have removed the domain information.

Action Retry the request after all configuration information has been updated.

See Also `dmconfig(5)`

1008 ERROR: Unable to connect to remote domain (domainid=<domain_name>)

Description The attempt to establish a connection to the remote domain *domain_name* failed.

Action More details can be found from the definition of the error code for your particular network or contact your BEA TUXEDO system Technical Support.

1009 ERROR: Cannot associate with network transaction

Description An attempt to mark the domain's shared memory record of the transaction that this action is beginning to send as part of the transaction failed. This was possibly due to the fact that the transaction has already begun rollback.

Action Check the state of the transaction through `tmadmin(1)` or contact your BEA TUXEDO system Technical Support.

See Also `tmadmin(1)`

1011 ERROR: Unable to obtain local domain info from shmem

Description Shared memory information for the local domain is not available. Severe shared memory error.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1013 ERROR: Unable to send service request "servicename"

Description The attempt to send the *servicename* service request to the remote domain failed. The file descriptor will be closed.

Action Check the configuration of both the remote service (DM_REMOTE_SERVICES) and remote domain (DM_REMOTE_DOMAIN.)

See Also `dmconfig(5)`

1014 ERROR: Cannot set remote domain for transaction

Description An attempt to set this remote domain as a participant in the transaction in the domain's shared memory record of the transaction failed. This was possibly due to the fact that the transaction has already begun rollback, or that the maximum number of remote domains participating in a transaction has been exceeded. See possible surrounding messages for more information.

Action Check the MAXRDOM parameter in the DMCONFIG file for the configured maximum number of remote domains (MAXRDOM) that can participate in a single transaction.

See Also `dmconfig(5)`

1015 ERROR: Cannot disassociate with network transaction

Description An attempt to mark the domain's shared memory record of the transaction that this action has completed its initial sending as part of the transaction failed. This was possibly due to the fact that the transaction has already begun rollback.

Action Check the state of the transaction through `tmadmin(1)` or contact your BEA TUXEDO system Technical Support.

See Also `tmadmin(1)`

1016 ERROR: Cannot change action into failure

Description An internal error occurred during an attempt to begin processing a failure.

Action Contact your BEA TUXEDO system Technical Support.

1017 ERROR: Unexpected action state *number*

Description An internal error occurred in processing a service request.

Action Contact your BEA TUXEDO system Technical Support.

1018 ERROR: Unable to obtain local domainid info from shm

Description Shared memory information for the local domain is not available to get information associated with the domain id. Severe shared memory error.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1022 ERROR: Improper action calling *nw_snd*

Description An internal error occurred in processing a service request.

Action Contact your BEA TUXEDO system Technical Support.

1023 ERROR: Improper action calling *nw_snd*

Description An internal error occurred in processing a service request.

Action Contact your BEA TUXEDO system Technical Support.

1024 ERROR: *_tprandkey()* failed *tperrno = number*, could not generate random encryption key

Description The call to get a randomly generated encryption key for the security exchange when a connection is being set up from a remote domain returned with a failure with the specified *tperrno*.

Action Contact your BEA TUXEDO system Technical Support.

1025 ERROR: Validation of ticket failed

Description The ticket returned during the security check when a connection was being set up from a remote domain did not pass validation.

Action Check the password entries configured on both the local and remote domains in the binary domains configuration file.

See Also `dmconfig(5)`

1026 ERROR: Cannot change action into failure

Description An internal error occurred during an attempt to begin processing a failure.

Action Contact your BEA TUXEDO system Technical Support.

1027 ERROR: Action data incorrect - null context

Description An internal error occurred in processing a service request - mandatory context information is missing for the action.

Action Contact your BEA TUXEDO system Technical Support.

1028 ERROR: Failed security validation with remote domain (domainid=*domainid*)

Description The challenge returned during the security check when connecting to the specified remote domain did not pass validation.

Action Check the password entries configured on both the local and remote domains in the binary domains configuration file.

See Also `dmconfig(5)`

1029 ERROR: Failed security validation with remote domain (domainid=*domainid*)

Description When trying to set up a connection to the specified remote domain, the remote domain returned a failure for the security validation.

Action Check the password entries configured on both the local and remote domains in the binary domains configuration file.

See Also `dmconfig(5)`

1033 ERROR: Action data incorrect - null fd index

Description An internal error occurred in processing a service request - mandatory file descriptor index is missing for the action.

Action Contact your BEA TUXEDO system Technical Support.

1035 ERROR: Can't set the parent of initiator as itself

Description An attempt to set the parent of the transaction to itself when it is the initiator failed.

Action Contact your BEA TUXEDO system Technical Support.

1036 ERROR: Too many unrecoverable errors occurred - deleting action

Description The calls to process error conditions on a single action occurred more than twice. The action will no longer be processed.

Action Contact your BEA TUXEDO system Technical Support.

1037 ERROR: Unrecoverable error occurred on send of data - sending failure reply locally

Description An error occurred when trying to send data across network. A local failure reply will be sent. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1038 ERROR: Unrecoverable error occurred - sending disconnects

Description An error occurred during a conversational exchange. A disconnect of the conversation will be started. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1039 ERROR: Cannot create action to send remote disconnect

Description During error processing, the action needed to send a disconnect across the network cannot be created. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1040 ERROR: Cannot create action to send remote disconnect

Description During error processing, the action needed to send a disconnect locally cannot be created. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1041 ERROR: Unrecoverable error occurred on send of data - sending failure reply over network

Description An error occurred when trying to send a reply or commitment protocol across network. A failure reply will be sent over the network. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1042 ERROR: Unrecoverable error occurred - cannot detect received opcode - deleting action

Description The opcode for the received data cannot be determined. No further processing will occur on the action. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1043 ERROR: Unrecoverable error occurred on receipt of data - sending failure reply over network

Description An error occurred during processing of data received over the network. A failure reply will be sent across network. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1044 ERROR: Unrecoverable error occurred on receipt of data - sending disconnects

Description An error occurred during processing of conversational data received over the network. A disconnect of the conversation will be started. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1045 ERROR: Cannot create action to send remote disconnect

Description During error processing, the action needed to send a disconnect across the network cannot be created. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1046 ERROR: Cannot create action to send remote disconnect

Description During error processing, the action needed to send a disconnect locally cannot be created. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1047 ERROR: Unrecoverable error occurred on receipt of data - sending failure reply locally

Description An error occurred during processing of data or commitment protocol received over the network. A failure reply will be sent locally. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1048 ERROR: Unrecoverable error occurred - deleting action

Description An error occurred during processing of data received over the network. No further processing will occur on the action. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1049 ERROR: Unrecoverable error occurred - deleting action

Description An error occurred during processing of data received over the network. No further processing will occur on the action. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1052 ERROR: Unable to obtain remote service information from shared memory

Description Shared memory information for the remote service is not available to get needed information. An update to the configuration (DM_REMOTE_SERVICES section) may have removed the service information.

Action Retry the request after all configuration information has been updated or contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1055 ERROR: System encryption failed

Description The call to get a ticket for the security exchange when a connection is being set up from a remote domain returned with a failure. See possible surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1056 ERROR: System encryption failed

Description Getting the session key or initialization of encryption with the session key for the security exchange when a connection is being set up from a remote domain failed.

Action Contact your BEA TUXEDO system Technical Support.

1057 ERROR: System encryption failed

Description Encryption of ticket for the security exchange when a connection is being set up from a remote domain failed.

Action Contact your BEA TUXEDO system Technical Support.

1058 ERROR: System encryption failed

Description Getting the session key or initialization of encryption with the session key for the security exchange when a connection is being set up from a remote domain failed.

Action Contact your BEA TUXEDO system Technical Support.

1059 ERROR: System encryption failed

Description Encryption of ticket for the security exchange when a connection is being set up from a remote domain failed.

Action Contact your BEA TUXEDO system Technical Support.

1061 ERROR: Action data incorrect - null action index

Description An internal error occurred in processing receipt of data - mandatory action index is missing for the call.

Action Contact your BEA TUXEDO system Technical Support.

1062 ERROR: Action data incorrect - null context index

Description An internal error occurred in processing receipt of data - mandatory context information is missing for the action.

Action Contact your BEA TUXEDO system Technical Support.

1069 ERROR: Decoding of header failed

Description The decoding of the header information received over the network failed.

Action Contact your BEA TUXEDO system Technical Support.

1070 ERROR: Unable to obtain local service information from shared memory

Description Shared memory information for the local service is not available to get needed information. An update to the configuration (DM_LOCAL_SERVICES section) may have removed the service information.

Action Check configuration of both the local and remote machines to ensure the services offered are as required. Retry the request after all configuration information has been updated.

See Also `dmconfig(5)`

1071 WARN: Access Control List check failed for local service *servicename*

Description The configured Access Control List does not accept the remote domain as being allowed to access the specified local service.

Action Check the configuration of the service's Access Control List to allow the remote domain to access the local service as required. Retry the request after all configuration information has been updated.

See Also `dmconfig(5)`

1072 ERROR: Received unsupported opcode: *number*

Description The opcode - description of action to be done with data - for the data received over the network is not valid.

Action Contact your BEA TUXEDO system Technical Support.

1073 ERROR: Unable to obtain remote domain id (*domainid*) information from shared memory

Description During processing of receipt of data, shared memory information for the specified remote domain is not available to get needed information.

Action Check the configuration for proper listing of the specified remote domain.

See Also `dmconfig(5)`

1074 ERROR: Unable to obtain remote domain name (*domainid*) information from shared memory

Description During processing of receipt of data, shared memory information for the specified remote domain is not available to get needed information.

Action Check the configuration for proper listing of the specified remote domain.

See Also `dmconfig(5)`

1075 ERROR: Unable to create/find local txid from shared memory

Description A failure occurred when either trying to search shared memory for the network transaction id to determine the local transaction id, or trying to create a new local transaction id to associate with the network transaction id. See possible surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1076 WARN: Unable to find conversation context

Description The conversation id received from the network on the data on a disconnect or conversation reply cannot be associated with a local conversation context.

Action Contact your BEA TUXEDO system Technical Support.

1077 INFO: Stale message found

Description A reply or security exchange reply was received from the network which is no longer associated with an outstanding request. The original request may have timed out internally. The message is considered stale and is deleted.

Action No action required.

1079 ERROR: Memory allocation error

Description An attempt to dynamically reallocate memory from the operating system using `realloc` failed while attempting to allocate space for more data structures for the action context.

Action 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.

1084 INFO: Request id not found

Description A request id was not found among actions waiting to be processed. See surrounding messages for more information.

Action See surrounding messages for action needed.

1085 INFO: Conversation id not found

Description A conversation id was not found among actions waiting to be processed. See surrounding messages for more information.

Action See surrounding messages for action needed.

1086 ERROR: File descriptor closed while processing

Description The file descriptor has been marked as closed when attempting to send commitment protocol across the network. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1087 ERROR: Unable to obtain local domain addr from shared memory

Description Shared memory information for the local domain is not available. Severe shared memory error.

Action Contact your BEA TUXEDO system Technical Support.

1088 ERROR: Unable to obtain domainid entry from shared memory

Description Shared memory information for the local domain is not available to get information associated with the domain id. Severe shared memory error.

Action Contact your BEA TUXEDO system Technical Support.

1089 ERROR: Unable to obtain remote domainid entry from shared memory

Description During processing of commitment protocol, shared memory information for the specified remote domain is not available to get needed information. An update to the configuration (`DM_TDOMAINS` section) may have removed the domain information.

Action Check the configuration for proper listing of the specified remote domain. Retry the request after all configuration information has been updated.

1090 ERROR: Encoding of header failed

Description The encoding of the header information to send commitment protocol across the network failed.

Action Contact your BEA TUXEDO system Technical Support.

1091 ERROR: Network returned error on send, closing file descriptor

Description The attempt to send the commitment protocol to the remote domain failed. The file descriptor will be closed.

Action Contact your BEA TUXEDO system Technical Support.

1092 ERROR: Unable to set remote domain branch state in shared memory

Description A failure occurred in an attempt to mark the domain's shared memory record of the transaction that the remote domain is in a new state of commitment.

Action Contact your BEA TUXEDO system Technical Support.

1093 ERROR: System state error

Description An internal error occurred in processing the sending of commitment protocol.

Action Contact your BEA TUXEDO system Technical Support.

1094 ERROR: Unable to obtain transaction entry from shared memory (prepare)

Description The transaction entry is not found in the domain's shared memory table when trying to send the first phase of commitment. This could be caused by an abort having been previously sent or received while the prepare was waiting to be processed by the gateway.

Action Contact your BEA TUXEDO system Technical Support.

1095 ERROR: Unable to create action to prepare branch

Description An attempt to create an action to send the first phase of commitment to a branch failed.

Action Contact your BEA TUXEDO system Technical Support.

1096 ERROR: Unable to obtain transaction entry from shared memory (commit)

Description The transaction entry is not found in the domain's shared memory table when trying to send the second phase of commitment. This could be caused by an abort having been previously sent or received while the commit was waiting to be processed by the gateway.

Action Contact your BEA TUXEDO system Technical Support.

1097 ERROR: Unable to determine locality of transaction

Description The check to determine if the local domain is the root of the transaction failed. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1098 ERROR: Unable to obtain remote domainid entry from shared memory

Description During processing of commitment protocol, shared memory information for the specified remote domain is not available to get needed information. An update to the configuration (DM_TDOMAINS section) may have removed the domain information.

Action Check the configuration for proper listing of the specified remote domain. Retry the request after all configuration information has been updated.

1099 ERROR: Unable to obtain remote domain entry from shared memory

Description During processing of commitment protocol, shared memory information for the specified remote domain is not available to get needed information. An update to the configuration (DM_REMOTE_DOMAINS section) may have removed the domain information.

Action Check the configuration for proper listing of the specified remote domain. Retry the request after all configuration information has been updated.

LIBGWT Messages 1100-1199

1100 ERROR: Unable to obtain transaction entry from shared memory (sndcommit)

Description The transaction entry is not found in the domain's shared memory table when trying to send the second phase of commitment. This could be caused by an abort having been previously sent or received while the commit was waiting to be processed by the gateway.

Action Contact your BEA TUXEDO system Technical Support.

1101 ERROR: Unable to create action to commit branch

Description An attempt to create an action to send the second phase of commitment to a branch failed.

Action Contact your BEA TUXEDO system Technical Support.

1104 ERROR: Unable to determine locality of transaction

Description The check to determine if the local domain is the root of the transaction failed. See surrounding messages for more information.

Action Contact your BEA TUXEDO system Technical Support.

1105 ERROR: Unable to obtain remote domainid entry from shared memory

Description During processing of commitment protocol, shared memory information for the specified remote domain is not available to get needed information. An update to the configuration (DM_TDOMAINS section) may have removed the domain information.

Action Contact your BEA TUXEDO system Technical Support.

1106 ERROR: Unable to obtain remote domain entry from shared memory

Description During processing of commitment protocol, shared memory information for the specified remote domain is not available to get needed information. An update to the configuration (DM_REMOTE_DOMAINS section) may have removed the domain information.

Action Check the configuration for proper listing of the specified remote domain. Retry the request after all configuration information has been updated.

1108 ERROR: Unable to create action to rollback branch

Description An attempt to create an action to send commitment rollback to a branch failed.

Action Contact your BEA TUXEDO system Technical Support.

1109 ERROR: Unable to obtain transaction entry from shared memory (sndfailure)

Description The transaction entry is not found in the domain's shared memory table when trying to send a failure reply/rollback. This could be caused by an abort having been previously sent or received while the failure was waiting to be processed by the gateway.

Action Contact your BEA TUXEDO system Technical Support.

1110 ERROR: Unable to change nwstate in shared memory (sndfailure)

Description A failure occurred in an attempt to mark the domain's shared memory record of the transaction that a failure has been sent on the transaction.

Action Contact your BEA TUXEDO system Technical Support.

1111 ERROR: Unable to create action to send rollback

Description An attempt to create an action to send commitment rollback to a branch failed.

Action Contact your BEA TUXEDO system Technical Support.

1112 ERROR: Unable to set remote domain branch state in shared memory

Description A failure occurred in an attempt to mark the domain's shared memory record of the transaction that the remote domain is in a new state of commitment.

Action Contact your BEA TUXEDO system Technical Support.

1113 ERROR: Unable to obtain transaction entry from shared memory (prepare)

Description The transaction entry is not found in the domain's shared memory table when trying to process the receipt of the first phase of commitment. This could be caused by an abort having been previously sent or received while the prepare was waiting to be processed by the gateway.

Action Contact your BEA TUXEDO system Technical Support.

1115 ERROR: Unable to set remote domain branch state in shared memory

Description A failure occurred in an attempt to mark the domain's shared memory record of the transaction that the remote domain is in a new state of commitment.

Action Contact your BEA TUXEDO system Technical Support.

1116 ERROR: Unable to set remote domain branch state in shared memory

Description A failure occurred in an attempt to mark the domain's shared memory record of the transaction that the remote domain is in a new state of commitment.

Action Contact your BEA TUXEDO system Technical Support.

1118 ERROR: System state error

Description An internal error occurred in processing the receipt of commitment protocol.

Action Contact your BEA TUXEDO system Technical Support.

1120 ERROR: Memory allocation error

Description An attempt to dynamically allocate memory from the operating system using `malloc` failed while attempting to allocate space for data structures for network information.

Action 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.

1121 ERROR: Memory allocation error

Description An attempt to dynamically allocate memory from the operating system using `malloc` failed while attempting to allocate space for data structures for file descriptor information, network data information, or context information.

Action 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.

1122 ERROR: Unable to allocate free fd structure

Description An attempt to dynamically allocate memory from the operating system using `malloc` failed while attempting to allocate space for data structures for file descriptor information.

Action 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.

1123 ERROR: Unable to obtain local tdomain address from shmем

Description Shared memory information for the local domain is not available to get local device for listening endpoint. Severe shared memory error.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1124 ERROR: Unable to open listening endpoint

Description The opening of the device specified in the "TDOM" section of the `DMCONFIG` for the local domain was not successful.

Action Check the "NWDEVICE" value for the local domain as specified in the `DM_TDOMAIN` section of the `DMCONFIG` file. See the specified network error for more information, such as the permissions being incorrect on the device or the network not being up.

See Also `dmconfig(5)`

1126 ERROR: Unable to obtain local domain info from shmем

Description Shared memory information for the local domain is not available. Severe shared memory error.

Action Contact your BEA TUXEDO system Technical Support.

See Also `dmconfig(5)`

1128 INFO: Connection accepted from domain (domainid=<domainid>)

Description The specified remote domain has made a network connection to the gateway. Security measures, if configured, have not yet been applied.

Action No action required.

1129 INFO: Connection established with domain (domainid=<domainid>)

Description The gateway has made a network connection to the specified remote domain. Security measures, if configured, have not yet been applied.

Action No action required.

1130 INFO: Disconnected from domain (domainid=<domainid>)

Description The network connection to the specified remote domain has been terminated. See surrounding messages for more information.

Action No action required.

1131 ERROR: /DOMAIN gateway could not close a NW connection

Description The attempt to close a network connection to a remote domain failed during shutdown processing.

Action Contact your BEA TUXEDO system Technical Support.

See Also tmsshutdown(1)

1136 ERROR: Network initialization failure

Description An error occurred while initializing the network provider.

Action Make sure that your network stack is correctly installed and configured. Use network administration tools to determine the cause of the initialization problem.

LIBGWT Messages 1200-1299

1200 INFO: Transaction received HEURISTIC MIX result from remote domain *val*

Description The Domain gateway received a heuristic mix message indicating that part of the transaction committed and part of the transaction rolled back. This may cause an inconsistency in the application data.

Action No action required.

1201 INFO: Transaction received HEURISTIC HAZARD result from remote domain *val*

Description The Domain gateway received a heuristic hazard message indicating that the outcome of part of the transaction is uncertain. This may cause an inconsistency in the application data.

Action No action required.

1202 ERROR: Bad message from *sub*. Closing file descriptor

Description An invalid message was received in the Domain gateway. The gateway connection will be closed.

Action Ensure that the TYPE values are set correctly if encoding is needed between domains.

1203 ERROR: Memory allocation failure for decompression

Description An attempt dynamically to allocate memory from the operating system failed while decompressing a received 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.

1204 ERROR: Memory allocation failure for decompression

Description An attempt dynamically to allocate memory from the operating system failed while decompressing a received 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.

1205 ERROR: Unable to obtain remote domain entry from *shmem*

Description While compressing a message, the entry for the remote domain could not be found (to determine the compression limit).

Action This error should not occur. Contact BEA Customer Support.

1206 ERROR: Memory allocation failure for compression

Description An attempt dynamically to allocate memory from the operating system failed while compressing a 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.

1207 ERROR: Unable to obtain remote domain entry from *shmem*

Description While compressing a message, the entry for the remote domain could not be found (to determine the compression limit).

Action This error should not occur. Contact BEA Customer Support.

1208 ERROR: Memory allocation failure for compression

Description An attempt dynamically to allocate memory from the operating system failed while compressing a 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.

1209 ERROR: Memory allocation failure for decompression

Description An attempt dynamically to allocate memory from the operating system failed while decompressing a 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.

1210 ERROR: decompression failed

Description An error occurred while decompressing a message.

Action Check for other errors in the event log.

1211 ERROR: Failed to destroy inflate structure

Description An error occurred while decompressing a message.

Action Check for other errors in the event log.

1214 WARN: Corrupted Communication Control data detected!

Description An error occurred in the information associated with the domain connection.

Action Contact BEA Customer Support.

1215 WARN: Communication to remote domain <dom> already disconnected

Description A message was sent to a domain that has already disconnected from the local domain.

Action Re-try the operation.

1218 ERROR: memory allocation failed for compression

Description The Domain Gateway library software detected an error while trying to compress a message. The process was unable to allocate enough virtual memory for the operation.

Action Attempt to identify and stop any extraneous processes to free up virtual memory on your system.

See Also `tpstrerror(3c)`

1219 ERROR: compression fails...continuing

Description The Domain Gateway library software detected an error while trying to compress a message. An internal function call returned a failure.

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

See Also `tpstrerror(3c)`

1220 ERROR: memory allocation failure in decompression

Description The Domain Gateway library software detected an error while trying to decompress a message. The process was unable to allocate enough virtual memory for the operation.

Action Attempt to identify and stop any extraneous processes to free up virtual memory on your system.

See Also `tpstrerror(3c)`

1221 ERROR: decompression of message failed

Description The Domain Gateway library software detected an error while trying to decompress a message. An internal function call returned a failure.

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

See Also `tpstrerror(3c)`

1222 ERROR: uncompressed message reallocation failed

Description The Domain Gateway library software detected an error while trying to decompress a message. The process was unable to allocate enough virtual memory for the operation.

Action Attempt to identify and stop any extraneous processes to free up virtual memory on your system.

See Also `tpstrerror(3c)`

1224 ERROR: Minimum encryption (*number of bits*) is larger than 0, but the link level package is not installed

Description The Domain Gateway library software detected an error while trying to process a connect operation. The minimum number of encryption bits *number of bits* specified in the `DM_TDOMAIN` section of the domain configuration file is greater than zero; however, no link level security package is installed.

Action Correct the configuration so that the minimum number of encryption bits is consistent with the link level security package in use.

See Also `dmconfig(5)`

1226 ERROR: Could not allocate encryption handle

Description The Domain Gateway library software detected an error while trying to process a connect operation. The encryption handle could not be allocated. An internal function call returned a failure. A more descriptive error messages will be issued by the failing routine.

Action Check the surrounding error messages for more descriptive error information.

See Also `tpstrerror(3c)`

1229 ERROR: Encryption negotiation failure

Description The Domain Gateway library software detected an error while trying to receive a message. An error was detected in the encryption flag settings. The encryption flags are all zero.

Action Ensure that the encryption bit settings in the DM_TDOMAIN sections of the `dmconfig` file are consistent for communicating domains.

See Also `dmconfig(5)`

1230 ERROR: Unable to generate first diffie-hellman packet

Description The Domain Gateway library software detected an error while trying to send a message. An internal function call for encryption returned a failure. Additional error messages from the failing routine will be issued prior to this message.

Action Check the messages from the failing routine for more specific information regarding the cause of this error.

See Also `tpstrerror(3c)`

1231 ERROR: Could not allocate encryption handle

Description The Domain Gateway library software detected an error while trying to receive a message. An error was detected in the internal routine to allocate an encryption handle. A more specific message will be issued by the failing routine.

Action Check the surrounding error messages for additional information.

See Also `tpstrerror(3c)`

1232 ERROR: Memory allocation error

Description The Domain Gateway library software detected an error while trying to receive a message. The process was unable to allocate enough virtual memory for the operation.

Action Attempt to identify and stop any extraneous processes to free up virtual memory on your system.

See Also `tpstrerror(3c)`

1233 ERROR: Unable to generate second diffie-hellman packet

Description The Domain Gateway library software detected an error while trying to send a message. An internal function call for encryption returned a failure. Additional error messages from the failing routine will be issued prior to this message.

Action Check the messages from the failing routine for more specific information regarding the cause of this error.

See Also `tpstrerror(3c)`

1234 ERROR: Unexpected link level encryption failure

Description The Domain Gateway library software detected an error while trying to send a message. An internal function call for encryption returned a failure.

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

See Also `tpstrerror(3c)`

1236 ERROR: Encryption negotiation failure

Description The Domain Gateway library software detected an error while trying to receive a message. An error was detected in the encryption flag settings. The encryption flags are all zero.

Action Ensure that the encryption bit settings in the DM_TDOMAIN sections of the `dmconfig` file are consistent for communicating domains.

See Also `dmconfig(5)`

1237 ERROR: Invalid security level

Description The Domain Gateway library software detected an error while trying to receive a message. An invalid encryption level was detected.

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

See Also `tpstrerror(3c)`

1238 ERROR: Unexpected link level encryption failure

Description The Domain Gateway library software detected an error while trying to receive a message. An internal function call for encryption returned a failure.

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

See Also `tpstrerror(3c)`

1240 ERROR: Minimum encryption (*number of bits*) is larger than 0, but the link level package is not installed

Description The Domain Gateway library software detected an error while trying to process a receive operation. The minimum number of encryption bits *number of bits* specified in the `DM_TDOMAIN` section of the domain configuration file is greater than zero; however, no link level security package is installed.

Action Correct the configuration so that the minimum number of encryption bits is consistent with the link level security package in use.

See Also `dmconfig(5)`

1241 ERROR: Invalid parameter, tdom_link is NULL

Description GWTDOMAIN detects an internal error, or possible data corruption when it does a network open call.

Action Contact your BEA Customer Support.

1242 ERROR: Invalid parameter, tdom_link contains NULL pointer

Description GWTDOMAIN detects an internal error, or possible data corruption when it does a network open call.

Action Contact your BEA Customer Support.

1243 WARN: Open domain_name address ip_port failed, Network error(0xerror_code)

Description GWTDOMAIN tries to open a listening end point form domain *domain_name* using the port number and IP address as specified by *ip_address* failed with network error code specified. This can be caused by either the port is already been used, or the port just been release in some TCP/IP implementation.

Action If the configuration contains multiple address entries for the specified domain, the GWTDOMAIN will continue with the next one. If all the address specified exhausted and still can't open the listening end point, GWTDOMAIN will exit. The user can try to restart it, or change configuration and restart it.

1244 WARN: No more NW address to try

Description GWTDOMAIN already tries all the listening end points specified in the `BDMCONFIG` file, and still could not able to open any listening end point.

Action The administrator should check whether the configuration is correct, and whether any other process already uses the port number.

1245 INFO: Try next one, device device_name address ip_address

Description This is informational. It tells the user that GWTDOMAIN is going to try the next IP address and port number specified in the configuration.

Action Nothing.

1246 ERROR: Invalid parameter, tdom_link is NULL

Description GWTDOMAIN detects an internal error, or possible data corruption when it does a network connect call.

Action Contact your BEA Customer Support.

1247 ERROR: Invalid parameter, tdom_link contains NULL pointer

Description GWTDOMAIN detects an internal error, or possible data corruption when it does a network connect call.

Action Contact your BEA Customer Support.

1249 WARN: Connect to domain_name address ip_addr failed, Network error(0xerrno)

Description GWTDOMAIN tries to connect to a remote domain domain_name using the port number and IP address as specified by ip_address failed with network error code specified. This can be caused by network failure, wrong IP address or port number in the configuration, or the remote GWTDOMAIN not yet up and running, or the remote GWTDOMAIN has not yet able to open the listening end, or the remote GWTDOMAIN opened different end point then what specified in the local domain configuration file.

Action Check the network, and check proper configuration. And also make sure the remote domain GWTDOMAIN is up and running and use the port and IP address specified in the configuration.

1252 ERROR: Unable to obtain transaction entry from shared memory (rollback)

Description The /Domain transaction table entry for this transaction was not found in the /Domain shared memory tables when trying to process a transaction rollback. This could be caused if a stray message was received for a transaction that was already aborted.

Action If the dmadmin subcommand pt indicates that the transaction has already been removed from the /Domain shared memory, no action is required. Otherwise, contact your BEA Customer Support.

1254 ERROR: Unable to determine locality of transaction

Description The GWTDOMAIN process was unable to determine the locality (local or remote) of a transaction. This is an internal processing error.

Action This is an internal error with no associated user action.

See Also tperrno(5)

1256 WARN: Unable to create local txid in shared memory for transaction recovery

Description The GWTDOMAIN process was unable to recover a transaction because the transaction table is full. The transaction will be rolled back.

Action Modify the configuration to allow for more concurrent transactions.

1257 ERROR: Unable to decrypt message

Description The gateway is unable to decrypt a message sent from a remote domain. The message was encrypted using Link Level Encryption.

Action Check the remote domain ULOG to see if the message is being properly encrypted by the gateway process.

1258 ERROR: Unable to process buffers

Description The Domain Gateway library software detected an error while trying to receive a message. An internal function call for encryption returned a failure.

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

See Also tpstrerror(3c)

1259 ERROR: Memory allocation failure for encryption

Description An attempt to dynamically allocate memory from the operating system failed while attempting to create an encrypted 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.

1260 ERROR: Memory allocation error

Description An attempt to dynamically allocate memory from the operating system failed. This is occurring in the routine where the software is attempting to open the gateway's listening endpoint.

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.

1261 ERROR: Can not allocate network descriptor

Description An attempt to dynamically allocate memory from the operating system failed. This is occurring in the routine where the software is attempting to open a connection to a remote gateway.

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

1265 WARN: Unable to create local txid in shared memory for transaction recovery

Description The GWTDOMAIN process was unable to recover a transaction because the transaction table is full. The transaction will be rolled back.

Action Modify the configuration to allow for more concurrent transactions.

1267 ERROR: Unable to convert old style network buffer. Error code *val*

Description The gateway received a message from a remote gateway running on an older TUXEDO release. In attempting to convert the message to the newer protocol, an error was encountered.

Action Check that the message is being sent by a valid domain gateway process.

1268 ERROR: Unable to switch to new protocol

Description During the initial protocol exchange between gateways, the gateway attempts to set the protocol level of the remote gateway and an error is encountered.

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

1269 ERROR: Unable to switch to new protocol

Description During the initial protocol exchange between gateways, the gateway attempts to set the protocol level of the remote gateway and an error is encountered.

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

1270 ERROR: connections structure initialization failure

Description An attempt to dynamically allocate memory from the operating system failed. This is occurring in the gateway's network initialization routine.

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

1271 ERROR: Unable to initialize encryption key

Description The gateway is encountering an error initializing the APP_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the APP_PW encryption calls are failing.

1272 ERROR: Unable to encrypt challenge value

Description The gateway, when attempting to encrypt the APP_PW challenge value during initial protocol exchange, is encountering an error.

Action Check the preceding ULOG message(s) for information on why the APP_PW encryption calls are failing.

1273 ERROR: Unable to initialize encryption key

Description The gateway, when attempting to initialize the encryption key during initial protocol exchange when security is DM_PW, is encountering an error.

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

1274 ERROR: Unable to encrypt challenge value

Description The gateway, when attempting to encrypt the challenge value during initial protocol exchange for DM_PW security, is failing.

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

1275 ERROR: Failed to convert buffer

Description The gateway is failing to convert an outbound TMS message to an older protocol version. The gateway is communicating with a remote gateway that does not support the newer protocol version and therefore needs to convert to an older protocol.

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

1276 ERROR: Unable to present transaction buffer

Description The gateway is failing to convert an outbound message to an older protocol version. The gateway is communicating with a remote gateway that does not support the newer protocol version and therefore needs to convert to an older protocol.

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

1278 ERROR: Could not allocate a message

Description An attempt to dynamically allocate memory from the operating system failed. This is occurring in the gateway's message send routine.

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.

1279 ERROR: Could not allocate a domain header

Description An attempt to dynamically allocate memory from the operating system failed. This is occurring in the gateway's message send routine, while trying to add the domains header.

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.

1280 ERROR: Could not allocate a domain header

Description An attempt to dynamically allocate memory from the operating system failed. This is occurring in the gateway's message send routine, while trying to add the domains security header.

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 convert buffer

Description The gateway is failing to convert an outbound buffer to an older protocol version. The gateway is communicating with a remote gateway that does not support the newer protocol version and therefore needs to convert to an older protocol.

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

1282 ERROR: Memory allocation failure for compression

Description An attempt dynamically to allocate memory from the operating system failed while compressing a 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.

1283 ERROR: Could not encode header

Description The gateway is unable to encode the meta-header of an outbound message.

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

1284 ERROR: Unable to find domains header

Description The gateway is failing to convert an outbound buffer to an older protocol version, because the buffer does not contain the domains header.

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

1285 ERROR: Unable to find security header

Description The gateway is failing to convert an outbound buffer to an older protocol version, because the buffer does not contain the domains security header and security is turned on.

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

1286 ERROR: Error converting message to old style. Error code *val*

Description The gateway is failing to convert an outbound message to an older protocol version. The gateway is communicating with a remote gateway that does not support the newer protocol version and therefore needs to convert to an older protocol.

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

1287 ERROR: Unable to find domains header

Description The gateway received a message from a remote gateway with no domains header.

Action Check the remote domain ULOG for further diagnosis.

1288 ERROR: Bad message from *val*. Closing file descriptor

Description The gateway received an incorrectly formatted message from a remote gateway.

Action Check the remote domain ULOG for further diagnosis.

1289 ERROR: Unable to remove domains header

Description An internal error occurred while attempting to remove domain information from a message.

Action Contact BEA Customer Support.

See Also GWTDOMAIN

1290 ERROR: Unable to remove domains header

Description The gateway is unable to strip the domains header from the message. The header must be stripped by the gateway before forwarding the message to a TUXEDO server.

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

1291 ERROR: Invalid input buffer

Description The gateway is unable to locate the TUXEDO header in an outbound message.

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

1292 ERROR: Memory allocation error

Description An attempt dynamically to allocate memory from the operating system failed while preparing to send a 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.

1293 ERROR: Invalid message format

Description The GWTDOMAIN was unable to add a header extension to an internal message.

Action Contact BEA Customer Support.

See Also GWTDOMAIN

1294 ERROR: Invalid message format

Description The gateway detected that the format of the outbound message is invalid. This was discovered while trying to add header information.

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

1295 ERROR: Unable to initialize administration key for domain *val*

Description The gateway is encountering an error initializing the APP_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the APP_PW encryption calls are failing.

1296 ERROR: Unable to initialize administration key for domain *val*

Description The gateway is encountering an error initializing the DM_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the DM_PW encryption calls are failing.

1297 ERROR: Unable to decrypt challenge from *val*

Description The gateway, when attempting to decrypt the challenge value during initial protocol exchange for APP_PW security, is failing.

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

1298 ERROR: Unable to decrypt challenge from val

Description The gateway, when attempting to decrypt the challenge value during initial protocol exchange for DM_PW security, is failing.

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

1299 ERROR: Unable to initialize administration key for domain val

Description The gateway is encountering an error initializing the APP_PW encryption key during the initial protocol exchange.

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

LIBGWT Messages 1300-1399

1300 ERROR: Unable to decrypt challenge from *val*

Description The gateway failed to decrypt the challenge value during initial protocol exchange for APP_PW security.

Action This is an internal error with no associated user action. If the error persists, contact your BEA TUXEDO System technical support with the exact error message.

1301 ERROR: Unable to initialize administration key for domain *val*

Description The gateway is encountering an error initializing the DM_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the DM_PW encryption calls are failing.

1302 ERROR: Unable to decrypt challenge from *val*

Description The gateway is encountering an error decrypting the DM_PW challenge key during the initial protocol exchange.

Action This is an internal error with no associated user action. If the error persists, contact your BEA TUXEDO System technical support with the exact error message.

1303 ERROR: Network error occurred during connection establishment

Description The gateway failed to connect to a remote domain.

Action Check the NWADDR parameters in the local and remote dmconfig files. Also check that the remote machine is running and the remote gateway is running. Check network connectivity between the two machines.

1304 WARN: No more remote domain address for remote domain *name*

Description The gateway was unable to establish a connection to the remote domain using the NWADDR in the DM_TDOMAIN entry (or list of entries) of the dmconfig file. Since multiple entries may be specified, the gateway tries each entry until a connection is established. In this situation, all entries were attempted and none of them succeeded.

Action Check the DM_TDOMAIN entry (or list of entries) in the dmconfig file. Also check the corresponding remote domain that it is running and the gateway is listening for incoming connections.

1305 INFO: A connection attempt has failed for *val*, trying new address *val*

Description The gateway was unable to establish a connection using the indicated entry in the DM_TDOMAIN section. Multiple entries are configured, and the gateway will now attempt to try to connect using the next entry.

Action To check why the first entry was unsuccessful, check the corresponding DM_TDOMAIN entry in the dmconfig file. Also check the associated remote domain to make sure it is running. Note that if multiple entries are being used for network-level failover, this may be the desired behavior.

1306 ERROR: Can not allocate network descriptor

Description The gateway has been notified that the network connection attempt has failed. While processing the failure, it detects that there are multiple DM_TDOMAIN entries. During the setup of the next entry, the gateway attempts to allocate a network descriptor and the allocation has 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.

1307 ERROR: System encryption failed for domain *val*

Description During initial protocol exchange between gateways, the gateway fails to encrypt the security ticket.

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

1308 ERROR: System encryption failed for domain *val*

Description During initial protocol exchange between gateways, the gateway fails to encrypt the security ticket.

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

1309 ERROR: Memory allocation failure for encryption

Description An attempt to dynamically allocate memory from the operating system failed while encrypting an outbound 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.

1310 ERROR: Memory allocation failure for encryption

Description An attempt to dynamically allocate memory from the operating system failed while encrypting an outbound transactional 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.

1311 ERROR: Could not allocate a domain header

Description An attempt to dynamically allocate memory from the operating system failed while trying to add the domains transaction header to an outbound 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.

1312 ERROR: Unable to remove domains header

Description The gateway is unable to strip the domains transaction header from an incoming messages.

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

1313 ERROR: Bad message from *val*. Closing file descriptor

Description The gateway received a poorly formatted message from the specified remote domain and is unable to recognize it.

Action Check the ULOG of the remote domain for further diagnosis.

1314 ERROR: Unable to create initial action for remote domain

Description An attempt to dynamically allocate memory from the operating system failed during the initial gateway protocol exchange.

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.

1316 ERROR: Memory allocation failure for encryption

Description An attempt to dynamically allocate memory from the operating system failed while encrypting an outbound 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.

1317 ERROR: Network error occurred during connection establishment

Description The gateway is using one of the alternate DM_TDOMAIN entries and is unable to initiate the connection.

Action Check the DM_TDOMAIN entry to make sure it has a valid network address. Also check that the remote domain is running and that the gateway is listening for incoming connections.

1318 ERROR: Local security type (*val*) does not match security type (*val*) of remote domain (domainid=*val*)

Description In order for two domains to communicate they must both have the same SECURITY types set in their dmconf ig files. If the security levels do not match the connection will be refused.

Action Change the SECURITY value on one or both of the dmconf ig files so that they match.

1354 INFO: Retrying domain (domainid=<domainid>) every *retry_interval* seconds

Description The initial connection attempt to the remote domain has failed. The gateway is now retrying the connection to the remote domain periodically, as specified by `RETRY_INTERVAL` (default: 60 sec). The retry occurs only when the `CONNECTION_POLICY` is `ON_STARTUP`.

The retry interval is rounded up to be a multiple of `SCANUNIT` (as specified in the `ubbconfig` file).

Action No action required.

LIBGWT Messages 1500-1599

1500 INFO: Retrying domain (domainid=<domainid>) every *val* seconds

Description The connection attempt has failed and the gateway is configured for periodic retries (RETRY_INTERVAL and MAXRETRY parameters in the DM_LOCAL_DOMAINS entry).

Action No action is required. To disable the periodic retry, use the dmadm 'disconnect' command.

1501 WARN: Message with TPNOREPLY to service *val* dropped - network down

Description A message with the TPNOREPLY flag cannot be sent because the gateway is unable to establish connectivity with the remote domain. Since the application cannot be notified, a message is written to the ULOG.

Action No action is required.

1502 WARN: Message with TPNOREPLY to service *val* dropped - network down

Description A message with the TPNOREPLY flag cannot be sent because the gateway is unable to establish connectivity with the remote domain. Since the application cannot be notified, a message is written to the ULOG.

Action No action is required.

1503 WARN: Message with TPNOREPLY to service *val* dropped - network down

Description A message with the TPNOREPLY flag cannot be sent because the gateway is unable to establish connectivity with the remote domain. Since the application cannot be notified, a message is written to the ULOG.

Action No action is required.

1504 ERROR: Minimum encryption (*val*) is larger than 56, but only the 56-bit package is installed

Description The minimum encryption level specified in the DM_TDOMAIN section of the DMCONFIG file is greater than 56-bit. Since the license installed allows only 56-bit encryption, the gateway cannot support the specified minimum encryption level.

Action Either set the minimum encryption level to 56, 40, or 0 bits, or obtain a license for stronger encryption. The link-level encryption value of 40 bits is provided for backward compatibility. If you believe you are licensed for stronger encryption, contact BEA Customer Support.

See Also DMCONFIG(5)

1505 ERROR: Minimum encryption (*val*) is larger than 56, but only the 56-bit package is installed

Description The minimum encryption level specified in the DM_TDOMAIN section of the DMCONFIG file is greater than 56-bit. Since the license installed allows only 56-bit encryption, the gateway cannot support the specified minimum encryption level.

Action Either set the minimum encryption level to 56, 40, or 0 bits, or obtain a license for stronger encryption. The link-level encryption value of 40 bits is provided for backward compatibility. If you believe you are licensed for stronger encryption, contact BEA Customer Support.

See Also DMCONFIG(5)

1506 ERROR: Error occurred during security negotiation - closing connection

Description An error occurred during the security negotiation between gateways.

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

1507 ERROR: Error occurred during security negotiation - closing connection

Description An error occurred during the security negotiation between gateways.

Action This is an internal error with no associated user action. If the error persists, contact BEA Customer Support.

1508 ERROR: Error occurred during security negotiation - closing connection

Description An error occurred during the security negotiation between gateways.

Action This is an internal error with no associated user action. If the error persists, contact BEA Customer Support.

1509 ERROR: Error occurred during security negotiation - closing connection

Description An error occurred during the security negotiation between gateways.

Action This is an internal error with no associated user action. If the error persists, contact BEA Customer Support.

1510 ERROR: Unable to decode link level user data

Description The Diffie-Hellman packet flows as a CARRAY during the initial establishment of a key. The system was unable to decode this packet.

Action Contact BEA Customer Support.

See Also GWTDOMAIN

1511 ERROR: Unable to decode link level user data

Description The Diffie-Hellman packet flows as a CARRAY during the initial establishment of a key. The system was unable to decode this packet.

Action Contact BEA Customer Support.

See Also GWTDOMAIN

1512 ERROR: Unable to connect to remote domain *domain_name*

Description The attempt to establish a connection to the remote domain *domain_name* failed.

Action More details can be found from the definition of the error code for your particular network or contact BEA Customer Support.

1514 ERROR: Could not allocate a domain header

Description An attempt to dynamically allocate memory from the operating system failed. This is occurring in the gateway's message send routine, while trying to add the domains header.

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.

1515 ERROR: Unable to initialize encryption key

Description The gateway is encountering an error initializing the APP_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the APP_PW encryption calls are failing.

1516 ERROR: Unable to encrypt challenge value

Description The gateway, when attempting to encrypt the APP_PW challenge value during initial protocol exchange, is encountering an error.

Action Check the preceding ULOG message(s) for information on why the APP_PW encryption calls are failing.

1517 ERROR: Unable to initialize encryption key

Description The gateway, when attempting to initialize the encryption key during initial protocol exchange when security is DM_PW, is encountering an error.

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

1518 ERROR: Unable to encrypt challenge value

Description The gateway, when attempting to encrypt the challenge value during initial protocol exchange for DM_PW security, is failing.

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

1519 ERROR: Unable to initialize administration key for domain *val*

Description The gateway is encountering an error initializing the DM_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the DM_PW encryption calls are failing.

1520 ERROR: Unable to decrypt challenge from *val*

Description The gateway failed to decrypt the challenge value during initial protocol exchange for APP_PW security.

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

1521 ERROR: Unable to initialize administration key for domain *val*

Description The gateway is encountering an error initializing the DM_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the DM_PW encryption calls are failing.

1522 ERROR: Unable to decrypt challenge from *val*

Description The gateway failed to decrypt the challenge value during initial protocol exchange for APP_PW security.

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

1523 ERROR: System encryption failed for domain *val*

Description During initial protocol exchange between gateways, the gateway fails to encrypt the security ticket.

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

1524 ERROR: System encryption failed for domain *val*

Description During initial protocol exchange between gateways, the gateway fails to encrypt the security ticket.

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

1525 ERROR: Unable to initialize administration key for domain *val*

Description The gateway is encountering an error initializing the DM_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the DM_PW encryption calls are failing.

1526 ERROR: Unable to decrypt challenge from *val*

Description The gateway failed to decrypt the challenge value during initial protocol exchange for APP_PW security.

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

1527 ERROR: Unable to initialize administration key for domain *val*

Description The gateway is encountering an error initializing the DM_PW encryption key during the initial protocol exchange.

Action Check the preceding ULOG message(s) for information on why the DM_PW encryption calls are failing.

1528 ERROR: Unable to decrypt challenge from *val*

Description The gateway failed to decrypt the challenge value during initial protocol exchange for APP_PW security.

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

1529 ERROR: System encryption failed

Description Getting the session key or initialization of encryption with the session key for the security exchange when a connection is being set up from a remote domain failed.

Action Contact BEA Customer Support.

1530 ERROR: System encryption failed

Description Encryption of ticket for the security exchange when a connection is being set up from a remote domain failed.

Action Contact BEA Customer Support.

1531 ERROR: System encryption failed

Description Encryption of ticket for the security exchange when a connection is being set up from a remote domain failed.

Action Contact BEA Customer Support.

1532 ERROR: System encryption failed

Description Encryption of ticket for the security exchange when a connection is being set up from a remote domain failed.

Action Contact BEA Customer Support.

1533 ERROR: System encryption failed

Description Encryption of ticket for the security exchange when a connection is being set up from a remote domain failed.

Action Contact BEA Customer Support.

1534 ERROR: Validation of ticket failed

Description The ticket sent from the remote domain was found to be invalid.

Action Contact BEA Customer Support.

1535 ERROR: Channel binding security failure

Description The channel binding information for the remote domain was not valid.

Action Contact BEA Customer Support.

1536 ERROR: Attempt to send encrypted buffer to interoperating site

Description Buffers encrypted with an explicit call to `tpseal` or with an auto-encrypt key cannot be sent to a site older than the TUXEDO Emperor release.

Action Do not configure services in older domains that might have encrypted buffer sent to them.

See Also `GWTDOMAIN`, `dmconfig`, `tpseal`, `tpkey_open`

1537 ERROR: Attempt to send encrypted buffer to interoperating site

Description Buffers encrypted with an explicit call to `tpseal` or with an auto-encrypt key cannot be sent to a site older than the TUXEDO Emperor release.

Action Do not configure services in older domains that might have encrypted buffer sent to them.

See Also `GWTDOMAIN`, `dmconfig`, `tpseal`, `tpkey_open`

1538 ERROR: Signature verification fails to interoperating site

Description Buffers signed with an explicit call to `tpsign` or with an auto-sign key are verified by the `GWTDOMAIN` gateway before being sent to older sites. However, a message failed its signature verification.

Action The signature may have expired, or it may be tampered. Check the security of the system, and investigate any failure audit points.

See Also `GWTDOMAIN`, `dmconfig`, `tpsign`, `tpkey_open`