Message Class ETBM - Broker Log and Console - Informational Messages

This page explains informational messages from the EntireX Broker Log and Console. These messages have the format:

ETBM*nnnn*

where   ETBM   is the message class, and

     nnnn   is the message number in the range 0000-9999

Overview of Messages

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ETBM0020	**Failed to inform Attach Manager**
Explanation	An Attach Manager is registered for this service, but could not be instructed to start a new replica. This might happen occasionally due to synchronization problems.
Action	If this error happens only rarely, do not worry about it. If it happens more often, or even prevents your automatic startup system from working correctly, contact Software AG support.

ETBM0068   **Parameter processing successful**

Explanation   During broker startup, configuration file parameters have been successfully processed for the correct syntax.

Action   This message is for information purposes only.

ETBM0079   **Loading kernel security module**

Explanation   During startup, the broker kernel loads the kernel security module.

- If the USRSEC module was not loaded successfully from the location specified by the SECURITY-PATH parameter, the following output is displayed (SECURITY-PATH applies only to UNIX and Windows):

ETBM0079 User Security Exit processing started

ETBD0286 Diagnostic Values:

- ErrorText: The specified module could not be found.

- ExitName: C:/temp/usrsec.[dll | so | sh]

- EntryPoint: usrsec

- If the SECURITY-PATH parameter is omitted, the following output is displayed (SECURITY-PATH applies only to UNIX and Windows):

ETBD0286 Diagnostic Values:

- ErrorText: The specified module could not be found.

- ExitName

- EntryPoint: usrsec

- If USRSEC is loaded successfully, the following output is displayed: ETBM0079 Loading kernel security module

- This output is followed immediately by one of the following informational messages:

  ○ Where EntireX security is being used (all platforms):

    MAI/SECINIT 2004-07-30 02:03:26.432 ETBD0286 Diagnostic Values: Kernel security module loaded... EntireX Security

  ○ Where lightweight security is being used (z/OS only):

    MAI/SECINIT 2004-07-30 02:03:26.432 ETBD0286 Diagnostic Values: Kernel security module loaded... USRSEC Light

  ○ Where user-written security is being used (all platforms):

    MAI/SECINIT 2004-07-30 02:03:26.432 ETBD0286 Diagnostic Values Kernel security module loaded... User-written USRSEC

Action   This message is for information purposes only.

ETBM0071   NUM-SHORT-BUFFER available again

Explanation   The shortage for `NUM-SHORT-BUFFER` is solved. Short buffers are available again.

Action   None.

ETBM0100   SAG EntireX Broker

Explanation   This message is issued at broker startup time.

Action   This message is for information purposes only.

ETBM0101   Broker Initializing

Explanation   The Broker startup procedure has begun.

Action   This message is for information purposes only.

ETBM0102   Broker Attributes Reading

Explanation   During startup, the Broker is reading the resource definitions in the `DEFAULTS=BROKER` section of the attribute file.

Action   This message is for information purposes only.

ETBM0103   Obtaining memory for Broker Memory Pool

Explanation   During startup, the Broker read the attribute file correctly and is now obtaining storage for the resources as defined in the `DEFAULTS=BROKER` section of the file.

Action   This message is for information purposes only.

ETBM0104   Initializing Structures

Explanation   During startup, the Broker has read the attribute file correctly and obtained the storage needed from the operating system. The Broker is now initializing the internal structures.

Action   This message is for information purposes only.

ETBM0107   Broker Stopped

Explanation   EntireX Broker has shut down, either by shutdown request from the console operator or by an abnormal end.

Action   This message is for information purposes only.

ETBM0109   Starting Worker Tasks

Explanation   During startup, the Broker has read the attribute file, obtained the storage needed from the operating system, initialized the internal structures, entered the dispatcher and started the COM task correctly. This message is issued before any worker task is started.

Action   This message is for information purposes only.

ETBM0111   Starting Timeout Manager

Explanation   During startup, the Broker has read the attribute file, obtained the storage needed from the operating system, initialized the internal structures, entered the dispatcher and started the COM task and at least one worker task correctly. This message is issued before the TOM task is started.

Action   This message is for information purposes only.

ETBM0113   Starting Common Output Manager

Explanation   During startup, the Broker has read the attribute file, obtained the storage needed from the operating system, initialized the internal structures, entered the dispatcher and started the COM task and at least one worker task correctly. This message is issued before the COM task is started.

Action   This message is for information purposes only.

ETBM0119   Receive Task started

Explanation   During Broker startup, a Receive Task for lightweight or compatibility communication has started successfully. This message is issued for every Receive Task.

Action   This message is for information purposes only.

ETBM0121   Common Output Manager stopped

Explanation   The COM task has detected a shutdown request for EntireX Broker. The COM task will shut down immediately.

Action   This message is for information purposes only.

ETBM0123   Timeout Manager Stopped

Explanation   The TOM task has detected a shutdown request for EntireX Broker. The TOM task will shut down immediately.

Action   This message is informational only.

ETBM0127   Receive Task stopped

Explanation   A Receive task has detected the shutdown request and will stop soon. This message is issued from every Receive task.

Action   This message is for information purposes only.

ETBM0129   Not enough space for Reply buffer

Explanation   The EntireX Broker buffer manager could not allocate enough memory for the Reply buffer. The value of startup parameter `NUM-COMBUF` is responsible for the maximum buffer size.

Action   Try the call again later. Increase the value `NUM-COMBUF` if the error occurs frequently.

ETBM0136   Common Output Manager started

Explanation   The Broker COM task has started successfully.

Action   This message is for information purposes only.

ETBM0137   Timeout Manager Started

Explanation   The Broker TOM task has started successfully.

Action   This message is for information purposes only.

ETBM0139   **Worker Task Started**

Explanation   This message is issued for each worker task that is started successfully.

Action   This message is for information purposes only.

ETBM0144   **Worker Task Stopped**

Explanation   A worker task has detected the shutdown request for EntireX Broker and will stop soon. This message is issued from every worker task.

Action   This message is for information purposes only.

ETBM0160   **Broker Version vrsnn Initialized**

Explanation   The EntireX Broker engine has received "Ready for work" from the Dispatcher and the Dispatcher is active. Notation *vrsnn* represents the version, release, SM and patch level (for example 61102 if patch 2 is installed).

Action   This message is for information purposes only.

ETBM0162   **:<1>:<2>:<3>:<4>:<5>:<6>:<7>**

Explanation   During broker startup, this message shows specific module maintenance information (<1> module name, <2> date, <3> time, <4> version maintenance level, <5> entry point, <6> length, <7> load point).

Action   This message is for information purposes only.

ETBM0173   **EntireX Broker initialization finished**

Explanation   All tasks and resources of EntireX Broker are established. The main process waits until the activated processes are finished.

Action   This message is for information purposes only.

ETBM0176   **Nucleus has finished initialization**

Explanation   The Communicator nucleus has established all processes and resources for the Communicator instances (Receive and Reply tasks).The nucleus returns to the EntireX Broker main task successfully.

Action   This message is for information purposes only.

ETBM0177   **Starting Reply Task**

Explanation   The Communicator nucleus is creating the Reply process. The Reply task is needed to return data from EntireX Broker to the user.

Action   This message is for information purposes only.

ETBM0178   **Starting Receive Task**

Explanation   The Communicator nucleus is creating the Receive process. The Receive task is needed to get data from the user and send it to EntireX Broker.

Action   This message is for information purposes only.

ETBM0179   **Broker Stopping As Requested**

Explanation   The EntireX Broker dispatcher has detected a shutdown request and will initiate Broker shutdown immediately by informing all worker tasks and the COM task to terminate. Only calls to the Broker that have already been dispatched to the worker tasks will be completed. New calls to the Broker or calls in the Broker input queue will not be processed.

Action   This message is for information purposes only.

ETBM0222   **Command from Administrator accepted**

Explanation   The Broker kernel has received a valid command. The command is logged for statistical purposes.

Action   None.

ETBM0235   **SHUTDOWN flagged, go down now**

Explanation   Shutdown has been requested and the associated indication has been detected.

Action   None.

ETBM0273   **<variable text>**

Explanation   An MCI command was issued by the ETBOPR utility. This message provides the command received from EntireX Broker. The command is executed immediately after this message.

Action   This message is for information purposes only.

ETBM0290   **Reply Task started**

Explanation   During Broker startup, a Reply task for lightweight or compatibility communication has started successfully. This message is issued for each Reply task started.

Action   This message is for information purposes only.

ETBM0291   **Reply Task stopped**

Explanation   A Reply task has finished its work. This message is issued from every reply task.

Action   This message is for information purposes only.

ETBM0344   **Service MAX-UOWS exceeds Broker MAX-UOWS**

Explanation   The value of the MAX-UOWS setting for the server exceeds the value of the MAX-UOWS setting for the Broker.

Action   None. This message is for information purposes only. The server's MAX-UOWS value will be reset automatically to the MAX-UOWS value for the Broker.

ETBM0352   **EntireX License is Perpetual**

Explanation   The EntireX license will never expire.

Action   This message is informational only.

ETBM0355   **Preceding License Key Errors are ignored**

Explanation   On BS2000/OSD and z/OS, the license check has detected errors. However, these errors will be ignored. Subsequent product-specific license checks may cause a Broker shutdown.

Action   This message is for information purposes only.

ETBM0376   **ECS Initialization failed**

Explanation   The Broker could not initialize Entire Conversion Services (ECS) which are needed if any server definition in the Broker attribute file specifies the `CONVERSION` parameter. The Broker continues initialization despite the ECS failure.

Action   Make sure that the Broker knows where the ECS object files are located. For UNIX, this means that environment variable ECSOBJDIR is defined and contains the name of a directory containing the ECS object files (*.edo and *.pto files). For z/OS, this means that the DDECSOJ DD statement points to the EXX ECS library included on the EntireX installation medium. If the problem remains, contact Software AG support.

ETBM0391   **ICU Initialization failed**

Explanation   Broker was unable to initialize the ICU converter.

Action   None.

ETBM0410   **X-COM Communicator stopped**

Explanation   The XCOM Communicator could not be started.

Action   See the previous error message in the log and correct this problem.

ETBM0428   **Windows delayload error**

Explanation   A required library is missing or invalid.

Action   A subsequent error message will provide more information.

ETBM0429   **Missing or invalid XTI library**

Explanation   `TRANSPORT=NET` has been specified in the Broker attribute file, and the Entire Net-Work component XTI.DLL is missing or invalid. The Entire Net-Work communicator will be disabled.

Action   If the Entire Net-Work transport is required, install the Entire Net-Work product.

ETBM0432   **Obsolete attribute**

Explanation   A configuration file (for instance the Broker attribute file) contains an attribute which is no longer supported.

Action   Edit the configuration file to either delete the obsolete attribute or comment out the attribute.

ETBM0433   **Attribute invalid on this platform**

Explanation   Broker attribute file contains an attribute that is not valid on this platform.

Action   Edit the attribute file to either delete or comment out the invalid attribute.

ETBM0456   **Accounting file did not open; set to off**

Explanation   There was an error in creating a file to write accounting records. Accounting will be disabled and broker will continue to initialize.

Action   Check broker log file for more details.

ETBM0458   **Opening accounting file**

Explanation   Broker has successfully created/opened the accounting file. Name of the accounting file follows this message.

ETBM0464   **RESTART: PSF Initialization complete**

Explanation   The persistent store framework was successfully initialized.

Action   None.

ETBM0465   **RESTART: PSF Open complete**

Explanation   The persistent store was successfully opened for restore processing.

Action   None.

ETBM0466   **RESTART: a group of 1000 UOWs restored**

Explanation   Broker reports the progress of the restore procedure in steps of 1,000 units of work. Another 1,000 units of work have been successfully restored.

Action   None.

ETBM0473   **Internal service ignored**

Explanation   Broker detected an entry corresponding to a reserved internal service name in the broker attribute file.

Action   Remove the offending service definition from the attribute file.

ETBM0498   **Invalid Adabas Command Rejected**

Explanation   The receiver task of the NET transport detected an unsupported Adabas command. This command will be rejected with error response 02150022. See Adabas Messages and Codes for response code 22. The Adabas client used the database ID of EntireX by mistake.

Action   No action necessary.

ETBM0499   **Wrong Adabas File Number Rejected**

Explanation   The receiver task of the NET transport detected a wrong Adabas file number in the Adabas control block. This command will be rejected with error response 02150017. See Adabas Messages and Codes for response code 17. The Adabas client used the database ID of EntireX and a wrong file number by mistake.

Action   No action necessary.

ETBM0500   **Transport Ready for Communications**

Explanation   The Transport layer initialized properly and is ready for communications. All supported transports will issue this message on success.

Action   Informational message only.

ETBM0507   **Communicator Started**

Explanation   The Communicator of the Transport layer is started. All supported transports will issue this message on startup.

Action   Informational message only.

ETBM0508   **Communicator Stopped**

Explanation   The Communicator of the Transport layer is stopped. All supported transports will issue this message before termination.

Action   Check the log file for error messages. Ignore this message if shutdown was requested.

ETBM0509   **Nucleus Started**

Explanation   One nucleus of the Transport layer is started. All supported transports will issue this message on startup.

Action   Informational message only.

ETBM0510   Nucleus Stopped

Explanation   One nucleus of the Transport layer is stopped. All supported transports will issue this message before termination.

Action   Check the log file for error messages. Ignore this message if shutdown was requested.

ETBM0512   Transport Initialization Started

Explanation   The Communicator starts to initialize the transport layer. All supported transports will issue this message on startup.

Action   Informational message only.

ETBM0513   Transport Initialization Finished

Explanation   The Communicator initialized the transport layer successfully. All supported transports may issue this message.

Action   Informational message only.

ETBM0515   Transport Restart Possible

Explanation   The Communication Manager detected the termination of the Communicator. According to the transport-specific response code, it is possible to restart this transport layer again, but it might be forbidden due to the transport-specific attribute file definitions.

Action   Informational message only.

ETBM0516   Transport Restart Permitted

Explanation   The Communication Manager detected the termination of the Communicator. According to the transport-specific attribute file definitions, it is permitted to run the restart section of the Communication Manager to try to reestablish this specific transport layer.

Action   Informational message only.

ETBM0527   OP-CMD CHANGE_LOG_LEVEL Received

Explanation   The operator command interface echoes the incoming command request.

Action   Informational message only.

ETBM0528   **OP-CMD PING Received**

Explanation   The operator command interface echoes the incoming command request.

Action   Informational message only.

ETBM0529   **OP-CMD SHUTDOWN Received**

Explanation   The operator command interface echoes the incoming command request. The EntireX will shutdown.

Action   Informational message only.

ETBM0578   **Reset ACEE for SAF-ID ..**

Explanation   Operator command RESET has been issued to reset the security context for the specified user ID :1:. The command has been successfully performed.

Action   None.

ETBM0579   **Security statistics**

Explanation   Operator command DSECSTAT has been issued to display the Security statistics providing the number of successful and failed Security authentications and Security authorizations. The command has been successfully performed.

Action   None.

ETBM0580   **Broker statistics**

Explanation   Operator command DSTAT has been issued to display the EntireX Broker statistics providing the total number, the number of active elements, and an optional high watermark for services, clients, servers, conversations, message buffers, topics, publishers, subscribers, and publications. The command has been successfully performed.

Action   None.

ETBM0581   **Broker resource usage**

Explanation   Operator command DRES has been issued to display the broker's resource usage for conversations, message buffers, participants, services, topics, the timeout queue, units of work, and the work queue. Usage provides the total number, the number of free elements, and the number of used elements. The command has been successfully performed.

Action   None.

ETBM0582   **Function completed**

Explanation   Indicates the end of the console output.

Action   None.

ETBM0592   **Redundant attribute is ignored**

Explanation   Since transport-specific sections have been introduced, the global attribute is considered redundant information. This message informs about details of the attribute processing.

Action   Delete the reported global attribute. It is no longer necessary.

ETBM0593   **Attribute will be retired**

Explanation   Since transport-specific sections have been introduced, the global attribute is no longer necessary. The transport-specific attribute should be used instead.

Action   Delete the reported global attribute and specify the transport-specific attribute instead.

ETBM0600   **Transport Proxy started**

Explanation   The transport proxy has been successfully started.

Action   None.

ETBM0601   **Transport Proxy stopped**

Explanation   The transport proxy has been stopped.

Action   None.

ETBM0608   **Command log file opened:**

Explanation   The specified command log output file has been opened.

Action   This message is for informational purposes only.

ETBM0609   **Command log file closed:**

Explanation   The specified command log output file has been closed.

Action   This message is for informational purposes only.

ETBM0641   **EntireX License Data**

Explanation   EntireX licensing data is displayed.

Action   None.

ETBM0645   **License check completed**

Explanation   The license check has been finished without detecting an error.

Action   This message is for information purposes only.

ETBM0657   **Broker pool usage:**

Explanation   This message provides the response to operator command DPOOL.

Action   No action required.

ETBM0680   **Retry allocation with emergency setting**

Explanation   Broker was unable to create the initial set of memory pools with the existing configuration and will attempt to repeat with an emergency configuration.

Action   No action required.

ETBM0691   **Broadcast message sent**

Explanation   On UNIX and Windows, the broker sent a broadcast message to ETBSRV.

Action   None.

ETBM0692   **Send broadcast message**

Explanation   On UNIX and Windows, the broker is going to send a broadcast message to ETBSRV.

Action   None.

ETBM0720   **Operator typed in: :1:**

Explanation   Broker received command :1: from the operator console.

Action   None.

ETBM0729   **PSTORE load finished successfully**

Explanation   The Load Broker finished the PSTORE migration successfully.

Action   None.

ETBM0730   **PSTORE unload finished successfully**

Explanation   The Unload Broker finished the PSTORE migration successfully.

Action   None.

ETBM0731   **PSTORE unload started**

Explanation   The Unload Broker started the PSTORE migration.

Action   None.

ETBM0732   **PSTORE unload stopped**

Explanation   The Unload Broker stopped the PSTORE migration.

Action   None.

ETBM0733   **PSTORE load started**

Explanation   The Load Broker started the PSTORE migration.

Action   None.

ETBM0734   **PSTORE load stopped**

Explanation   The Load Broker stopped the PSTORE migration.

Action   None.

ETBM0742   **Broker running in ADMIN mode**

Explanation   The broker is running in `RUN-MODE=ADMIN`.

Action   None.

ETBM0743   **Broker running in STANDARD mode**

Explanation   The broker is running in `RUN-MODE=STANDARD`. This is the default mode.

Action   None.

ETBM0744   **Broker running in STANDBY mode**

Explanation   The broker is running in `RUN-MODE=STANDBY`.

Action   None.

ETBM0745   **Broker running in PROXY mode**

Explanation   The broker is running in `RUN-MODE=PROXY`.

Action   None.

ETBM0746   **Broker running in PSTORE-LOAD mode**

Explanation   The broker is running in `RUN-MODE=PSTORE-LOAD`.

Action   None.

ETBM0747   **Broker running in PSTORE-UNLOAD mode**

Explanation   The broker is running in `RUN-MODE=PSTORE-UNLOAD`.

Action   None.

ETBM0749   **Takeover sequence finished successfully**

Explanation   The Standby Broker successfully performed the takeover sequence. It will change to RUN-MODE=STANDARD.

Action   None.

ETBM0750   **Broker ready for communications**

Explanation   Broker is ready.

Action   None.

ETBM0753   **Check status of partner Broker**

Explanation   Standby Broker will check the status of the Standard Broker.

Action   None.

ETBM0754   **Partner Broker is alive**

Explanation   Standby Broker was checking the status of the Standard Broker. The Standard Broker responded to Standby Broker's request. Standard Broker is up and running.

Action   None.

ETBM0757   **Takeover sequence started**

Explanation   The Standby Broker is starting the takeover sequence to restore the persistent store data of the Standard Broker in its own address space.

Action   None.

ETBM0758   **Takeover sequence stopped**

Explanation   The Standby Broker is stopping the takeover sequence.

Action   None.

ETBM0804   **TRACE-LEVEL changed**

Explanation   The value of attribute TRACE-LEVEL was changed by operator command.

Action   None.

ETBM0805   **TRAP-ERROR changed**

Explanation   The value of attribute `TRAP-ERROR` was changed by operator command.

Action   None.

ETBM0900   **ARF %s/%s/%s SINGLE-CONV-MODE**

Explanation   The service reported in %s/%s/%s is now running in `SINGLE-CONV-MODE`.

Action   No action required.

ETBM0903   **Autodetect ARF %s/%s/%s SINGLE-CONV-MODE**

Explanation   Broker detected an ARF instance working in `SINGLE-CONV-MODE` without setting it explicitly. `SINGLE-CONV-MODE` will be automatically turned on.

Action   No action required.