Message Class 0078 - EntireX ACI - Error from Broker

This message class is returned when EntireX Broker detects an error situation. The situation should be examined using the error number returned and after correction, the applications can be restarted. The messages have the format:

0078*nnnn*

where   0078 is the message class, and

       nnnn is the message number in the range 0000 - 9999

Overview of Messages

```
00780008 | 00780055 | 00780058 | 00780093 | 00780198 | 00780221 |
00780224 | 00780232 | 00780238 | 00780239 | 00780241 | 00780243 |
00780244 | 00780245 | 00780247 | 00780253 | 00780254 | 00780258 |
00780259 | 00780260 | 00780261 | 00780262 | 00780263 | 00780264 |
00780265 | 00780266 | 00780277 | 00780299 | 00780304 | 00780305 |
00780306 | 00780307 | 00780308 | 00780309 | 00780310 | 00780319 |
00780320 | 00780321 | 00780322 | 00780323 | 00780326 | 00780328 |
00780337 | 00780338 | 00780350 | 00780351 | 00780352 | 00780356 |
00780357 | 00780358 | 00780375 | 00780386 | 00780388 | 00780389 |
00780392 | 00780398 | 00780405 | 00780406 | 00780407 | 00780409 |
00780410 | 00780413 | 00780492 | 00780530 | 00780575 | 00780615 |
00780617 | 00780621 | 00780623 | 00780624 | 00780626 | 00780627 |
00780655 | 00780726 | 00780765 | 00780766 | 00780767 | 00780768 |
00780769 | 00780770 | 00780777 | 00780778 | 00780779 | 00780798
```

00780008	No Related Text For Error Number

Explanation   EntireX Broker has tried to return an error number that it cannot find in the table of known messages.

Action   Contact Software AG support.

00780055	TRE Entry Not Active

Explanation   The translation routine cannot be loaded (in `RECEIVE` function) because the translation routine control block was not created correctly when the service was registered.

Action   Contact Software AG support.

00780058　　　**Failed to get memory from OS**

Explanation　Broker could not get enough memory during initialization.

Action　Reduce the resource requirements in the attribute file OR increase the memory available to your broker job, if possible.

00780093　　　**MQ Store Pointer Is Null**

Explanation　EntireX Broker detected an error during release of storage.

Action　Contact Software AG support.

00780198　　　**No Related SCBEXT Entry For PCB**

Explanation　A server issued a DEREGISTER call with option QUIESCE while a user was still active (conversations were active), and a REGISTER call was issued. In this situation, EntireX Broker detected an error.

Action　Contact Software AG support.

00780221　　　**SPFX Translation Code Error**

Explanation　This is a problem with the Broker stub used by the application. The stub did not send the EntireX Broker call in the correct internal format.

Action　Ensure that the correct version of the EntireX Broker stub is being used. Check the log data set for an image of the internal format. Examine this string for the user issuing the call.

00780224　　　**POST/WAIT error occurred**

Explanation　The internal communication of Broker failed due to an operating system error.

Action　Contact Software AG support.

00780232　　　**PSI: Query release failed**

Explanation　Resources obtained for a Command and Infor Services query cannot released.

Action　Contact Software AG support.

00780238   **PSTORE is currently disconnected**

Explanation   Currently, PSTORE is disconnected. Any active operation involving PSTORE is currently prohibited. This situation can occur when the Broker administrator has issued the CIS command `DISCONNECT-PSTORE`.

Action   It may take some time before PSTORE will be connected again. Be careful not to have a loop programmed in this situation. Retry the call to EntireX Broker after the Broker administrator has issued the command `CONNECT-PSTORE`.

00780239   **Invalid length in format string**

Explanation   EntireX Broker has detected an internal inconsistency during info or command processing. The internal field length description is corrupted.

Action   Contact Software AG support.

00780241   **No free service extension entry**

Explanation   EntireX Broker has detected an error while searching for a free SCB extension entry. There is no SCB extension entry available.

Action   This error should not occur with `DYNAMIC-MEMORY-MANAGEMENT` set to "YES" unless the maximum amount of memory has already been reached.

                  With `DYNAMIC-MEMORY-MANAGEMENT` set to "NO", the broker-specific attribute `NUM-SERVICE-EXTENSION` can be used to increase the number of service extension control blocks.

                  You may retrieve the allocated number of service extensions by using the program `ETBINFO`. Object `ETB_INFO_RESOURCE_USAGE` (CIS version 7 and above) returns all data about service extensions. See value of field `nServiceExtensionEntriesAllocated`.

00780243   **No free topic extension entry**

Explanation   EntireX Broker has detected an error while searching for a free TCB extension entry. There is no TCB extension available.

Action   Contact Software AG support.

00780244   **No free translation entry**

Explanation   The Broker has detected an error while searching for a free TRE entry. There is no TRE entry available.

Action   Contact Software AG support.

00780245   **No related service entry for client**

Explanation   The Broker has detected an error while searching for the client SCB entry. There is no SCB entry for the client.

Action   Contact Software AG support.

00780247   **Topic absent from subscriber information**

Explanation   Participant issued a request without having subscribed to the specified topic. Broker tried to rebuild the subscription but did not find any data for this topic. Error is currently overruled by error 00070483.

Action   Issue subscribe and repeat request again.

00780253   **No free extensible subscription entry**

Explanation   EntireX Broker has detected an error while searching for a free eXtensible Subscriber Entry. There is no XSE available.

Action   Contact your Broker Administrator to increase the global attribute `NUM-SUBSCRIBER-TOTAL`. See `NUM-SUBSCRIBER-TOTAL` under *Broker Attributes*.

00780254   **Invalid type in format string**

Explanation   The Broker has detected an internal inconsistency during info or command processing. The internal description of the field type is corrupted.

Action   Contact Software AG support.

00780258   **Pointer to next segment is null**

Explanation   Internal error during assembly of the Info return buffer.

Action   Contact Software AG support.

00780259   **No related timeout queue entry**

Explanation   EntireX Broker has detected an error in TOQ structures.

Action   Contact Software AG support.

00780260   **Pointer to Info structure is null**

Explanation   Internal error during inquiry of Info services.

Action   Contact Software AG support.

00780261   **No free participant entry**

Explanation   The Broker has detected an error while searching for a free PCB entry. There is no PCB
                   entry available.

Action   Increase NUM-SERVER and/or NUM-CLIENT.

00780262   **No free participant extension entry**

Explanation   The Broker has detected an error while searching for a free PCB extension entry. There
                   is no PCB extension entry available.

Action   If you are *not* using dynamic memory management (Broker attribute
                   DYNAMIC-MEMORY-MANAGEMENT), define an appropriate value for attribute
                   NUM-PARTICIPANT-EXTENSION (NUM-SERVER * NUM-SERVICE +
                   NUM-CLIENT).

00780263   **No free topic entry**

Explanation   EntireX Broker has detected an error while searching for a free topic control block.
                   There is no TCB available.

Action   Contact your Broker Administrator to increase the global attribute NUM-TOPIC. See
                   NUM-TOPIC under *Broker Attributes*.

00780264   **No free subscription control block**

Explanation   The Broker has detected an error while searching for a free subscriber control block
                   entry. There is no SUBSCB entry available

Action   Contact Software AG support.

00780265   **No free service entry**

Explanation   The Broker has detected an error while searching for a free SCB (Service Control
Block) entry. There is no SCB entry available. The number of SCBs is set based upon
the number of clients, servers, and services. When this error is returned, it means that
all of the SCBs are in use. The current formula for the number of SCBs is:
NUM-CLIENTS + NUM-SERVERS + NUM-SERVICES + 5.

Action   Recommendations:

- Increase NUM-SERVICE.

- Increase NUM-SERVER.

- Increase NUM-CLIENTS.

Increasing the values will increase the total number of SCBs.

To free up the idle SCBs sooner:

- Decrease CLIENT-NONACT.

- Decrease CONV-NONACT.

- Set SERVER-NONACT.

Decreasing the non-activity timers will cause the inactive resources to be made
available to other users.

If DYNAMIC-MEMORY-MANAGEMENT is set to YES, this error should no longer occur.

00780266   **Inconsistency at start Info/Cmd-Service**

Explanation   An inconsistency occurred during the start of internal Info or Command Services.

Action   Contact Software AG support.

00780277   **PSI: Replace operation failed**

Explanation   The PSTORE operation to replace the contents of a unit of work failed.

Action   Examine the Broker log file for more information and contact Software AG support if
necessary.

00780299   **Only supported for messages (no UOWs)**

Explanation   An EntireX Broker function for a conversation with no units of work is requested, but the specified conversation contains units of work. The function is rejected.

Action   Check the supplied conversation ID.

00780304   **No free UOW control block**

Explanation   The Broker detected an error while searching for a free UWCB entry. No UWCB entry is available.

Action   Contact Software AG support.

00780305   **No matching UOW found**

Explanation   A client issued a SEND, RECEIVE, EOC, or SYNCPOINT call and the specified UOW does not exist.

Action   This is a user error. Clients must ensure that the UOWs exist before any request is made.

00780306   **UOWs not found for UOWID=BOTH**

Explanation   A client issued a SYNCPOINT OPTION=COMMIT call specifying UOWID=BOTH and two UOWs in the correct status could not be found.

Action   This is a user error. Clients must ensure that the UOWs to be operated on exist and are in the correct status.

00780307   **UOW is not in correct status**

Explanation   A client issued a SEND, RECEIVE, EOC, or SYNCPOINT call and the specified UOW is not in the correct status for the requested operation.

Action   This is a user error. Clients must ensure that the UOWs are in the correct status.

00780308   **UOW was not created by caller**

Explanation   A client issued a SYNCPOINT call with OPTION=QUERY or OPTION=DELETE, and the specified UOW was not created by the caller of SYNCPOINT.

Action   This is a user error. Only the creator of a UOW can QUERY or DELETE a UOW. Use the Command and Information Services to accomplish these operations on a UOW not created by the caller.

00780309   **Error updating UOW status**

Explanation   An error occurred while updating the persistent status of a UOW. The error is in the persistent store facility.

Action   Examine the Broker log file to determine the type of error encountered. Contact Software AG support if necessary.

00780310   **Mismatched UOWs Store Type**

Explanation   The store type specified with a SEND function is not the same as the store type specified with the first SEND for that UOW.

Action   Do not change the store type after the first SEND for a UOW has been issued.

00780319   **PSI: WRITE failed**

Explanation   An attempt to write data to the persistent store has failed.

Action   Examine the Broker log file for more information and contact Software AG support if necessary.

00780320   **PSI: READ control data failed**

Explanation   An attempt to read control data from the persistent store has failed.

Action   Examine the Broker log file for more information and contact Software AG support if necessary.

00780321   **PSI: READ message data failed**

Explanation   An attempt to read message data from the persistent store has failed.

Action   Examine the Broker log file for more information and contact Software AG support if necessary.

00780322   **PSI: UPDATE failed**

Explanation   An attempt to update the persistent store has failed.

Action   Examine the Broker log file for more information and contact Software AG support if necessary.

00780323   **PSI: WRITE both failed**

Explanation   An attempt to write two data items to the persistent store has failed.

Action   Examine the Broker log file for more information and contact Software AG support if
                    necessary.

00780326   **PSI: PURGE failed**

Explanation   An attempt to delete data from the persistent store has failed.

Action   Examine the Broker log file for more `informatiofUOWIDn` and contact Software
                    AG support if necessary.

00780328   **PSI: Scan operation failed**

Explanation   An attempt to scan for selected data on the persistent store has failed.

Action   Examine the Broker log file for more information and contact Software AG support if
                    necessary.

00780337   **Restart: Duplicate UOWID found**

Explanation   Two UOWs with the same ID, on the same conversation, were encountered during
                    restart. The Broker will not initialize.

Action   It will be necessary to delete one or both of the UOWs before restarting. Contact
                    Software AG support if necessary.

00780338   **Exit attempted to change message size**

Explanation   An encryption or decryption security exit attempted to change the size of a message.

Action   Correct the user exit so that message sizes are not changed.

00780350   **UOW operations not allowed**

Explanation   A request has specified a unit of work (UOW) operation. But because the
                    broker-specific attribute `MAX-UOWS` is set to 0 (zero), unit of work operations are not
                    allowed. See `MAX-UOWS`.

Action   Ensure that the request is directed to the correct Broker and that the Broker supports
                    UOWs.

00780351   **UOWID required for COMMIT/BACKOUT/CANCEL**

Explanation   A UOWID is required for a SYNCPOINT function that specifies a COMMIT, BACKOUT, or CANCEL option.

Action   Provide a UOWID whenever you want to commit, back out, or cancel a UOW.

00780352   **Invalid message length**

Explanation   The message allocator is getting a request to obtain space for a message lower than or equal to zero. The request is rejected.

Action   Contact Software AG support.

00780356   **Error Updating Receiver Data**

Explanation   An error occurred while updating the receiver data of a UOW in the persistent store.

Action   Examine the Broker log file to determine the type of error encountered. Contact Software AG support if necessary.

00780357   **Message Queue Inconsistent**

Explanation   Broker keeps track of the sequence for sent and received non-persistent messages. The expected message number on receive does not match with the message number in the message queue control block. This indicates inconsistent data in the Broker memory pool. Broker will issue an error message and return this response code in the ACI.

Action   Contact Software AG support.

00780358   **PSI: Query operation failed**

Explanation   The PSTORE operation to run a query is failed.

Action   Examine the Broker log file for more information and contact Software AG support if necessary.

00780375   **No storage for Translation Buffer**

Explanation   The Broker could not allocate enough memory for a buffer into which the message to be character-converted should be copied.

Action   As a short-term measure try reducing the number of worker tasks (NUM-WORKER in the Broker attribute file) since each worker task maintains a separate Translation buffer.

00780386   **No free conversation accounting entry**

Explanation   This message indicates a shortage of accounting control blocks.

Action   Increase NUM-CONVERSATION.

00780388   **PSI: UOWs can NOT be persisted**

Explanation   A request for a UOW to be persisted (STORE=BROKER) cannot be accomplished, since at startup, the Broker attributes specify no persistent store (PSTORE=NO).

Action   Review Broker attribute settings related to the persistent store.

00780389   **PSI: UOW status can NOT be persisted**

Explanation   A request for a UOW status to be persisted cannot be accomplished, since at startup, the Broker attributes specify no persistent store (PSTORE=NO).

Action   Review Broker attribute settings related to the persistent store.

00780392   **Publication is not in correct status**

Explanation   A publisher or a subscriber issued a call and the specified publication is not in the correct status for the requested operation.

Action   This is a user error. Publishers and subscribers must ensure that the publications are in the correct status.

00780398   **Publication was not created by caller**

Explanation   A publisher requested a publication which was not created by himself.

Action   This is a user error. Only the creator of the publication can issue this request.

00780405   **PSI: UOW Index initialization failed**

Explanation   EntireX Broker tried to create an internal index for every unit of work. This operation failed.

Action   Examine the Broker log file for more information and contact Software AG support if necessary.

00780406   **PSI: Add entry to UOW Index failed**

Explanation   EntireX Broker tried to add an entry to the internal index for units of work. This
                   operation failed.

Action   Examine the Broker log file for more information and contact Software AG support if
                   necessary.

00780407   **PSI: Logical read failed**

Explanation   The logical read operation through the Adabas PSTORE returned an error.

Action   Examine the Broker log file for more information and contact Software AG support if
                   necessary.

00780409   **PSI: Delete entry from UOW Index failed**

Explanation   EntireX Broker tried to delete an entry from the internal index for units of work. This
                   operation failed.

Action   Examine the Broker log file for more information and contact Software AG support if
                   necessary.

00780410   **PSI: Close UOW Index failed**

Explanation   EntireX Broker tried to close the internal index for units of work. This operation failed.

Action   Examine the Broker log file for more information and contact Software AG support if
                   necessary.

00780413   **No free extensible topic entry**

Explanation   EntireX Broker has detected an error while searching for a free extensible topic Entry.
                   There is no XTE available.

Action   Contact your Broker Administrator to increase the global attribute
                   `NUM-TOPIC-TOTAL`. See `NUM-TOPIC-TOTAL` under *Broker Attributes*.

00780492   **No related TCB entry for publisher**

Explanation   EntireX Broker has detected an error while searching for the publisher TCB entry.
                   There is no TCB entry for the publisher.

Action   Contact Software AG support.

00780530   **Error accessing subscriber information**

Explanation   Error occurs when Broker cannot access the subscriber store.

Action   Please check Broker log for more detailed information.

00780575   **PSI: Set Trace Level failed**

Explanation   Unable to set the persistent store-specific trace level.

Action   Contact Software AG support.

00780615   **No free filter entry**

Explanation   An attempt to add a command log filter failed as there were no free command log filter entries.

Action   Delete an existing command log filter or specify an increased value for the broker `NUM-CMDLOG-FILTER` attribute and restart the broker kernel.

00780617   **Broker is waiting for operational PSTORE**

Explanation   Broker was started with `WAIT-FOR-ACTIVE-PSTORE=YES` but the persistent store is not active yet.

Action   As soon as the persistent store is accessible, this temporary problem will no longer exist. Check that the assigned persistent store is in the process of starting.

00780621   **No free proxy queue entry**

Explanation   EntireX Broker has detected an error while searching for a free proxy queue entry. There is no proxy queue entry available.

Action   Contact Software AG support.

00780623   **No free TCP connection entry**

Explanation   The maximum number of TCP/IP connections is derived from the number of available file descriptors. This maximum has been reached.

Action   Increase the number of file descriptors.

00780624   **Broker not operational for user requests**

Explanation   The Broker is not available for user requests. The BROKER-ID used for the current
request does not address a Broker with RUN-MODE=STANDARD.

Action   Change the BROKER-ID to address a Broker with RUN-MODE=STANDARD.

00780626   **No free node control block**

Explanation   EntireX Broker has detected an error while searching for a free node control block.
There is no node control block available.

Action   Contact Software AG support.

00780627   **Transport proxy not active**

Explanation   The proxy component of the requested communicator is not active and cannot be used
to contact the partner Broker.

Action   Check the output files for error messages issued by the communicator.

00780655   **Pool order failure**

Explanation   The internal communication path between the task ordering a pool allocation and the
task executing the order received an error.

Action   Broker log provides more detailed diagnostics about the reason not being able to
perform post and wait between Broker threads.

00780726   **PSTORE load already running**

Explanation   There is an out of band request by the partner Broker to issue another handshake while
the load procedure of the persistent store migration is already running.

Action   Restart Load and Unload Broker to repeat the PSTORE migration.

00780765   **Broker version mismatch**

Explanation   A validation is performed by the Partner Brokers according to the Broker version
number. This version information does not match.

Action   Adjust the Broker environments so that the version of the Partner Brokers is the same.

00780766   **Broker version missing**

Explanation   A validation is performed by the Partner Brokers according to the Broker version
number. This version information has not been sent by the partner.

Action   Contact Software AG support.

00780767   **Broker architecture mismatch**

Explanation   A validation is performed by the Partner Brokers according to the platform architecture
type. This type information does not match.

Action   Adjust the Broker environments so that the partner Brokers are running on the same
level and type of architecture.

00780768   **Broker architecture missing**

Explanation   A validation is performed by the Partner Brokers according to the platform architecture
type. This type information has not been sent by the partner.

Action   Contact Software AG support.

00780769   **Broker security mismatch**

Explanation   A validation is performed by the Partner Brokers according to the security setting. This
security setting does not match.

Action   Adjust the Broker environments so that the partner brokers are using the same security
settings.

00780770   **Broker security missing**

Explanation   A validation is performed by the Partner Brokers according to the security setting. This
security setting has not been sent by the partner.

Action   Contact Software AG support.

00780777   **Request has abended**

Explanation   The current request caused an abnormal exception in the Broker.

Action   Contact your Administrator to send the diagnostic information of the Broker to
Software AG support.

00780778   **Request not finished yet**

Explanation   The Broker-to-Broker request has not finished yet. Broker is still waiting for the response of the partner Broker.

Action   None.

00780779   **Request rejected**

Explanation   User error loop was detected before and participant is currently not permitted to issue any Broker request.

Action   Wait until participant is unlocked.

00780798   **Invalid data**

Explanation   The Load Broker detected an inconsistency in the sent data. The expected end-of-data signature has not been sent.

Action   Contact Software AG support.