

webMethods EntireX

Error Messages and Codes

Version 9.6

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Error Messages and Codes

This document describes the error messages and codes of webMethods EntireX. The messages are arranged by message class. Most of the messages below have the following format: *ccccnnn[n|s]*

where *cccc* is the message class

nnnn is the message number in the range 0000-9999, or

nnns is the message number in the range 000-999 and severity of the error:

E: error; function cannot be performed

I: information

W: warning; potential problem exists

Within an error message, "{n}" is a placeholder for variable text. For example: "Connection to {0} failed: {1}". Here "{0}" and "{1}" will be replaced by meaningful text depending on the context of the error.

This document is organized as follows:

- [List of Message Classes](#)
- [Prefixes](#)
- [Abbreviations](#)

See also [Component Return Codes in EntireX | Broker Command and Information Services Error Codes](#) | [EXXMSG - Command-line Tool for Displaying Error Messages](#).

List of Message Classes

00000000	Successful Response
0001nnnn	RPC C Runtime Messages
0002nnnn	EntireX ACI Message Class User does not exist
0003nnnn	EntireX ACI Message Class Conversation ended
0007nnnn	EntireX ACI Message Class Service not registered
0008nnnn	EntireX ACI Message Class Security error
0010nnnn	EntireX ACI Message Class Commands to Server
0013nnnn	EntireX Java Messages
0014nnnn	EntireX ACI Message Class Broker Stub Version 1
0015nnnn	Workbench Messages
0020nnnn	EntireX ACI Message Class User error in the API
0021nnnn	EntireX ACI Message Class Configuration error in the attribute file

0022nnnn	EntireX ACI Message Class Translation and Conversion Errors
0036nnnn	EntireX ACI Message Class Broker busy
0037nnnn	EntireX ACI Message Class Broker resource shortage
0074nnnn	EntireX ACI Message Class No request or Message available
0078nnnn	EntireX ACI Message Class Error from Broker
0079nnnn	EntireX ACI Message Class Error in Broker Stub
0196nnnn	EntireX ACI Message Class Disconnected due to new location
0215nnnn	EntireX ACI Message Class Connection Error
0217nnnn	Transactionality Messages
0250nnnn	EntireX ACI Message Class Location Transparency Return Codes (deprecated)
0300nnnn	Broker Command Service Messages
0301nnnn	Broker Information Service Messages
0302nnnn	Administration Service Messages
0400nnnn	Direct RPC
0800nnnn	webMethods EntireX Adapter Messages
1000nnnn	RPC C Runtime System Messages
1001nnnn	RPC Protocol Messages
1002nnnn	User-definable Server Messages
1003nnnn	Conversion Messages
1004nnnn	Software AG IDL Compiler Messages
1005nnnn	RPC Server Messages
1006nnnn	DCOM Wrapper Messages
1008nnnn	EntireX License Messages
1011nnnn	User-definable SAGTRPC Conversion Exit Messages
1012nnnn	Reserved.
1014nnnn	Natural System Errors, see the Natural documentation under NATnnnn. You can display the corresponding Natural System error and explanation if you log on to a Natural Session and enter HELPnnnn in the command line.
1015nnnn	Reserved for EntireX Java RPC Server
1016nnnn	EntireX RPC Service Messages
1017nnnn	EntireX RPC Online Maintenance Facility Messages
1018nnnn	EntireX RPC-ACI Bridge Messages
1020nnnn	Software AG IDL Extractor for Natural Messages
1021nnnn	EntireX RPC Server Mapping Deployment Messages
1022nnnn	CICS RPC Server User Exit Messages;
2000nnnn	EntireX XML/SOAP Runtime
2001nnnn	Software AG IDL Parser Messages
2002nnnn	.NET Wrapper Messages

2003nnnn	PL/I Wrapper Messages
2004nnnn	COBOL Wrapper Messages
2005nnnn	Software AG IDL Extractor Generic Messages
2006nnnn	Software AG IDL Extractor for COBOL Messages
2007nnnn	IDL Extractor for PL/I Messages
2008nnnn	Software AG RPC Extractor Service Messages
2010nnnn	EntireX WebSphere MQ RPC Server Messages
2011nnnn	Connections to IMS Connect
2012nnnn	Connections to CICS ECI
2013nnnn	Deployment to XML RPC Server
2023nnnn	Connections to ApplinX
3000nnnn	NetWeaver XI Adapter
4000nnnn	EntireX Process Extractor
8000nnnn through 8999nnnn	User-definable ACI Messages
Administration Service	Administration Service Messages
ADASIPnn	Adabas SVC Installation Messages
ETBDnnnn	Broker Log and Console Diagnostic Messages
ETBEnnnn	Broker Log and Console Error Messages
ETBMnnnn	Broker Log and Console Informational Messages
ETBWnnnn	Broker Log and Console Unit of Work/Persistence Messages
SECxnnn	EntireX Broker Security Server for BS2000/OSD Messages
SAGTOKnn	SAGTOKEN Messages
XCONnnn	X-COM Console Messages
ADAS*	ADAS* (Adabas SVC) System Messages. These messages occur only when using XCOM communicator under z/OS or z/VSE.
MLC*	MLC* messages produced by Software AG mainframe license processing or when using the license utility, LICUTIL.

Prefixes

Some error messages include a prefix that tells you where the problem occurred:

Prefix	Location of the Problem
API	ACI (the EntireX Broker API)
ATTR	Broker Attribute File
NET	Entire Net-Work or EntireX Broker Engine
PSI	Persistent Store
TRANS	Translation Services
STUB	EntireX Broker Link Routine

Abbreviations

Error messages may contain one or more of the following abbreviations:

Abbreviation	Meaning
Adabas RB	Adabas Record Buffer
Adabas VB	Adabas Value Buffer
CCB	Conversation Control Block
COM	Communication Manager
GCT	Global Count Table
MQ/OMB	Message Queue/Output Message Block
PCB	Participant (user) Control Block
PCBEXT	PCB Extension
SCB	Service Control Block
SCBEXT	SCB Extension
SPFX	Stub Prefix
SSL	Secure Sockets Layer
STUB	EntireX Broker environment-dependent link routine
TOM	Timeout Manager
TOQ	Timeout Queue
TRE	Translation Request Entry

1 Message Class 0000 - Successful Response

This message class is returned if the EntireX function has been performed successfully. No special action is required.

00000000	Successful response
Explanation	The action has completed successfully.
Action	None.

2 Message Class 0001 - RPC C Runtime

This page describes messages with message class 0001. These messages have the format:

0001 $nnnn$

where 0001 is the message class and

$nnnn$ is the message number in the range 0000 - 9999.

This message class is returned if an error has occurred in the RPC C runtime layer.

00010001 **No Communication**

Explanation Denotes an inconsistency within the EntireX RPC Runtime.

Action Contact Software AG support.

00010003 **Unknown medium**

Explanation The EntireX RPC Runtime detected an invalid server address.

Action When using the C API *erx.h*:
The ERX_SERVER_ADDRESS structure of the EntireX RPC Runtime is not correct or was not correctly initialized. The medium must be ERX_TM_BROKER, ERX_TM_BROKER_LIBRARY or ERX_TM_CONNECTION.

00010004 **Invalid control block**

Explanation The EntireX RPC Runtime API was called with an invalid connection or CallId.

Action When using the C API *erx.h*:
Check program and correct error.

00010005	Out of memory
Explanation	The operating system could not satisfy a memory request.
Action	Increase your memory resources and retry.
00010006	No more registrations
Explanation	An <code>ERXRegister</code> API call can register a maximum of 256 threads at a time with the EntireX RPC Runtime within one process.
Action	When using the C API <i>erx.h</i> : Check program and correct error.
00010007	Already registered
Explanation	An <code>ERXRegister</code> API call is attempting to register a thread with the EntireX RPC Runtime twice.
Action	When using the C API <i>erx.h</i> : It is not necessary to register a thread multiple times. However, it is required to register a thread once. We recommend having the number of <code>ERXRegister/ERXUnregister</code> calls occurring in pairs. If you insist on registering a thread twice, ignore this error. Check program and correct error.
00010008	Not registered in ERX Runtime
Explanation	Before a thread/process can use an EntireX RPC Runtime API function, the thread/process must be registered with the EntireX RPC <code>ERXRegister</code> API call.
Action	<ul style="list-style-type: none">■ When using the C API <i>erx.h</i>: Check program and correct error.■ When using the DCOM Wrapper: Contact Software AG support.
00010009	Parameter error. Location of wrong parameter is n
Explanation	An EntireX RPC Runtime API function was called with an invalid address or inconsistent parameter. The number n denotes the position of the inconsistent parameter within the API.
Action	When using the C API <i>erx.h</i> : Check program and correct error.

00010010	Control block not found
Explanation	An EntireX RPC Runtime API function with corrupt memory was called. The internal data structures were not found.
Action	<ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>: <ul style="list-style-type: none"> Check program and correct error. ■ When using the DCOM Wrapper: <ul style="list-style-type: none"> Contact Software AG support.
00010011	Pending call
Explanation	During a conversational Remote Procedure Call there was a failure and another EntireX RPC Runtime <code>ERXCall</code> API call was issued.
Action	<p>When using the C API <i>erx.h</i>: Close the Connection with the EntireX <code>ERXDisconnect</code> API function call.</p>
00010018	Invalid memory
Explanation	<p>One of the following occurred:</p> <ol style="list-style-type: none"> 1. The memory area supplied for the EntireX RPC Runtime API is invalid. It could not be read from or written to. 2. An <code>ERX_VDATA</code> handle is corrupt.
Action	<ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>: <ul style="list-style-type: none"> Check program and correct error. ■ When using the DCOM Wrapper: <ul style="list-style-type: none"> Contact Software AG support.
00010019	Invalid Call Id
Explanation	The <code>CallId</code> for the EntireX RPC Runtime API function is invalid or corrupt.
Action	<ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>: <ul style="list-style-type: none"> Check program and correct error. ■ When using the DCOM Wrapper: <ul style="list-style-type: none"> Contact Software AG support.

- 00010028** **Illegal type**
- Explanation** The EntireX RPC Runtime API received an invalid parameter. There is an inconsistency between the template files, the header file *erx.h* or the EntireX RPC Runtime. The type of parameter is not supported.
- Action** ■ When using the C API *erx.h*:
- Re-generate the client proxy or server stubs with the correct template file *client.tpl* and *server.tpl* and compile and link it with the header file *erx.h* from the same EntireX RPC version.
- When using the DCOM Wrapper:
- Re-generate the DCOM server, using the correct template files.
-
- 00010032** **Too many indices**
- Explanation** The EntireX RPC Runtime API call received an invalid parameter. There is an inconsistency between the template files, the header file *erx.h* or the EntireX RPC Runtime.
- Action** The EntireX RPC Runtime is binary backward compatible. It must have the same or a higher EntireX version as the template and header files used.
- When using the C API *erx.h*:
- Re-generate the client proxy or server stubs with the correct template file *client.tpl* and *server.tpl* and compile and link it with the header file *erx.h* from the same EntireX RPC version.
- When using the DCOM Wrapper:
- Re-generate the DCOM server, using the correct template files.
-
- 00010034** **No pending call**
- Explanation** An EntireX RPC Runtime API `ERXWait` call was issued and no RPC request was pending.
- Action** Check program and correct error.
-
- 00010036** **Parameters values not ascending**
- Explanation** The EntireX RPC Runtime API call received an invalid parameter. There is an inconsistency between the template files, the header file *erx.h* or the EntireX RPC Runtime. One of the following applies:
- The size of the first dimension of an array parameter must not be less than the size of the second dimension.
- The size of the second dimension of an array parameter must not be less than the size of the third dimension.

Action	<p>The EntireX RPC Runtime is binary backward compatible. It must have the same or a higher EntireX version as the template and header files used.</p> <ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>: <p>Re-generate the client proxy or server stubs with the correct template file <i>client.tpl</i> and <i>server.tpl</i> and compile and link it with the header file <i>erx.h</i> from the same EntireX RPC version.</p>
00010037	Invalid timeout
Explanation	The timeout value must not be zero.
Action	<ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>: <p>The ERX_SERVER_ADDRESS structure of the EntireX RPC Runtime is not correct or was not correctly initialized. Check program and correct error.</p> ■ When using the DCOM Wrapper: <p>Provide a valid timeout for the property <code>TimeOut</code>.</p>
00010038	Version not supported
Explanation	The EntireX RPC Runtime API <code>ERXRegister</code> call was issued with an invalid version.
Action	<p>The EntireX RPC Runtime is binary backward compatible. It must have the same or a higher EntireX version as the template and header files used.</p> <ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>: <p>Use the appropriate ERX_Vnnn macro defined in the <i>erx.h</i> header file. Re-generate the client proxy or server stubs with the correct template file <i>client.tpl</i> and <i>server.tpl</i> and compile and link it with the header file <i>erx.h</i> from the same EntireX RPC version.</p> ■ When using the DCOM Wrapper: <p>Re-generate the DCOM server, using the correct template files.</p>
00010039	Cyclic parameter
Explanation	The EntireX RPC Runtime API call received an invalid parameter. There is an inconsistency between the template files, the header file <i>erx.h</i> or the EntireX RPC Runtime. The offending parameter (or one of its parents) is its own parent. The parameter definition is cyclic.
Action	<p>The EntireX RPC Runtime is binary backward compatible. It must have the same or a higher EntireX version as the template and header files used.</p> <ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>:

Re-generate the client proxy or server stubs with the correct template file *client.tpl* and *server.tpl* and compile and link it with the header file *erx.h* from the same EntireX RPC version.

- When using the DCOM Wrapper:

Re-generate the DCOM server, using the correct template files.

00010045

AT EXIT error

Explanation

An error occurred while establishing the `atexit` function.

Action

Contact Software AG support.

00010046

Initializing trace failed

Explanation

Tracing for the EntireX RPC Runtime could not be switched on. Either no trace destination had been entered, or the trace file could not be opened.

Action

Contact your System Administrator.

00010052

Library missing

Explanation

No Library name was given.

Action

- When using the C API *erx.h*:

The `ERX_SERVER_ADDRESS` structure of the EntireX RPC Runtime is not correct or was not correctly initialized. When using the `ERX_TM_BROKER_LIBRARY` as the medium, `szLibraryName` must also be given. Check program and correct error.

- When using the DCOM Wrapper:

Provide a valid library for the property `Library`.

00010053

User ID missing

Explanation

No User ID was entered.

Action

- When using the C API *erx.h*:

The `ERX_CLIENT_IDENTIFICATION` structure of the EntireX RPC Runtime is not correct or was not correctly initialized. Check program and correct error.

- When using the DCOM Wrapper:

Provide a valid user ID for the property `UserID`.

00010054	Password missing
Explanation	No Password was entered.
Action	<p>1. When using the C API <i>erx.h</i>:</p> <p style="padding-left: 40px;">The ERX_CLIENT_IDENTIFICATION structure of the EntireX RPC Runtime is not correct or was not correctly initialized. Check program and correct error.</p> <p>2. When using the DCOM Wrapper:</p> <p style="padding-left: 40px;">Provide a valid password for the property <code>PassWord</code>.</p>
00010055	BCD overflow
Explanation	This is an internal error.
Action	Contact Software AG support.
00010056	BCD division by zero
Explanation	This is an internal error.
Action	Contact Software AG support.
00010058	Invalid direction
Explanation	The EntireX RPC Runtime API call received an invalid parameter. The direction specification must be one of the following: ERX_IN_PARM, ERX_OUT_PARM or ERX_INOUT_PARM.
Action	<p>The EntireX RPC Runtime is binary backward compatible. It must have the same or a higher EntireX version as the template and header files used.</p> <ul style="list-style-type: none"> ■ When using the C API <i>erx.h</i>: Re-generate the Client proxy or Server stubs with the correct template file <i>client.tpl</i> and <i>server.tpl</i> and compile and link it with the header file <i>erx.h</i> of the same EntireX RPC version. ■ When using the DCOM Wrapper: <ul style="list-style-type: none"> Re-generate the DCOM server, using the correct template files.
00010060	Response <reponse> from(Command/Info Service)
Explanation	A response was retrieved from the broker's Command/Info Service interface while an EntireX RPC API function <code>ERXTerminateServer</code> was executed.
Action	See Broker Command and Information Services Error Codes .

- 00010061** **Server not found(Command/Info Service)**
Explanation This is an informational message of the EntireX RPC Runtime.
Action Contact Software AG support.
- 00010063** **Invalid Parameter Definition Version**
Explanation The EntireX RPC parameter definition is not consistent to the EntireX version registered with the EntireX RPC API `ERXRegister` function.

There is an inconsistency between the template files, the header file `erx.h` or the EntireX RPC Runtime.
Action ■ When using the C API `erx.h`:

For all versions prior to `ERX_V530`, `ERX_PARAMETER_DEFINITION` (defined in `erx.h` of related version) must be used. For `ERX_V530` and above `ERX_PARAMETER_DEFINITION_V2` (defined in `erx.h` of related version) must be used. Re-generate the client proxy or server stubs with the correct template file `client.tpl` and `server.tpl` and compile and link it with the header file `erx.h` of the same EntireX RPC version.

■ When using the DCOM Wrapper:

Re-generate the DCOM server, using the correct template files.
- 00010064** **Internal error**
Explanation This is an internal, informational message of the EntireX RPC Runtime.
Action Contact Software AG support.
- 00010065** **No more VData Instances to free**
Explanation This is an internal, informational message of the EntireX RPC Server.
Action Contact Software AG support.
- 00010066** **Cache item not found**
Explanation This is an internal, informational message of the EntireX RPC Runtime.
Action Contact Software AG support.

00010067	Success pending call
Explanation	This can be a result of a <code>ERX_CC_PEEK</code> command of the EntireX RPC Runtime API function <code>ERXControl</code> .
Action	Program dependent.
00010068	Not yet implemented
Explanation	This is an internal, informational message of the EntireX RPC Runtime.
Action	Contact Software AG support.
00010069	Invalid string buffer
Explanation	While examining the string buffer, an error occurred within the EntireX RPC Runtime. The partner did not adhere to the metastructure <code><keyword>=<length>,<value></code> .
Action	Contact Software AG support.
00010070	Parse error
Explanation	This is an internal, informational message of the EntireX RPC Runtime.
Action	Contact Software AG support.
00010071	Server replied with different compression
Explanation	Your EntireX/Natural RPC server does not reply correctly to the EntireX RPC request.
Action	Contact Software AG support.
00010072	Return Code <return-code> <cb-return-code>from Broker Stub
Explanation	The EntireX Broker Stub replied with the specified return codes, where <code><return-code></code> is the stub's function return code and <code><cb-return-code></code> is from the ACI field return code.
Action	Check your configuration and correct the error.
00010075	No RPC protocol version received by INQUIRE Call
Explanation	The EntireX/Natural RPC server does not reply correctly to the <code>INQUIRE</code> call.
Action	Contact Software AG support.

- 00010076** **Server does not support RPC protocol version needed for the request**
- Explanation** The request issued by the RPC client cannot be processed by the RPC server because the RPC server or - if it is being used - the broker conversion approach SAGTRPC does not support the required functionality.
- Action** If the broker conversion approach SAGTRPC is being used, the cause of the problem can be SAGTRPC or the RPC server. Check the version of the broker and the RPC server in use. Upgrade the broker and the RPC server to the latest version available.
- If the broker conversion approach SAGTRPC is not being used, the cause of the problem is the RPC server. Check the version of the RPC server in use. Upgrade the RPC server to the latest version available.
-
- 00010077** **Broker API Version 2 needed**
- Explanation** Your EntireX Broker middleware (stub or kernel) does not support the Broker API version needed.
- Action** If possible, upgrade your EntireX Broker Middleware (Stub and Kernel) at least to ETB211.
-
- 00010078** **Parameter maximum length or array bounds overflow**
- Explanation** There was an overflow of an unbounded array. The maximum array boundaries are determined in the Software AG IDL file.
- Action** Check the program and correct the error.
-
- 00010079** **Invalid unbounded array**
- Explanation** Accessing an unbounded array has caused an error. This can happen during marshalling/unmarshalling within the EntireX RPC Runtime or when accessing the `erxArray...` functions directly.
- Action** Either:
1. The unbounded array was destroyed by your program because of memory overwrites. Correct your program.
- or
2. An internal error occurred in the EntireX RPC Runtime. Contact Software AG support.

00010080	No more unbounded arrays to free
Explanation	This is an internal, informational message of the EntireX RPC Server.
Action	Contact Software AG support.
00010081	Indices not correct
Explanation	The ERX_PARAMETER_DEFINITION_Vx contains incorrect data in the usAttributes and usType fields.
Action	Re-generate, compile and link your client stub.
00010082	Unbounded array does not match the IDL file
Explanation	The data type and attributes of the unbounded array built with erxArrayAlloc do not match the data type, length, dimensions or attributes determined in the Software AG IDL file.
Action	Re-generate your client stub or create the unbounded array with the correct type, length, dimensions and attributes using erxArrayAlloc.
00010083	Parameter not within value range
Explanation	In the Software AG IDL file value ranges are defined for data types. The value you are trying to send is outside of the defined range. For example, it is not possible to send <ul style="list-style-type: none"> ■ a negative value with data type NU or PU ■ a value greater than 127 and less than -128 with I1 ■ a value greater than 32767 and less than -32768 with I2 ■ a value greater than 2147483647 and less than -2147483648 with I4.
Action	Check the program and correct the error.
00010084	Unbounded array indices out of bounds
Explanation	The indices you provided to access the unbounded array are out of bounds.
Action	Check the program and correct the error.
00010085	Invalid data for unbounded array
Explanation	The data provided for the unbounded array function does not conform to the rules of the data type. For example, the data provided for a data type P is not packed.
Action	Check the program and correct the error.

00010086	Invalid preserve flag for unbounded array
Explanation	The parameter preserve flag provided for the unbounded array function is invalid.
Action	Check the program and correct the error.
00010087	Invalid dimension for unbounded array
Explanation	The parameter dimension provided for the unbounded array function is invalid.
Action	Check the program and correct the error.
00010088	Unbounded array parameter error
Explanation	The parameter provided for the unbounded array function is invalid.
Action	Check the program and correct the error.
00010089	Stub parameter definition error
Explanation	The parameter definition within the client stub is incorrect.
Action	Re-generate your client stub with the IDL Compiler or EntireX DCOM Wrapper.
00010090	SSL parameter initialization failed
Explanation	Initialization failed because EntireX Broker stub does not support SSL.
Action	Use a stub which supports SSL or configure a transport method supported by the stub used.
00010091	Broker API Version 6 needed
Explanation	Your EntireX Broker middleware (Stub or Kernel) does not support the Broker API version needed.
Action	If possible, upgrade your EntireX Broker middleware (Stub and Kernel).
00010092	No comma allowed in logical Etbid
Explanation	This is a user error. The name of the logical Broker ID must not contain a comma.
Action	Correct the error and rerun your program.
00010093	No comma allowed in logical Service
Explanation	This is a user error. The name of the logical Service must not contain a comma.
Action	Correct the error and rerun your program.

00010094	Broker Stub could not be loaded
Explanation	The EntireX Broker stub could not be found in the environment.
Action	Try again to install EntireX.
00010095	Cannot open or read File=<file name>
Explanation	An invalid configuration file name or a wrong file type was used to start the RPC server.
Action	Restart the server with correct configuration file.
00010096	Error code for reply error missing
Explanation	This is an internal error of the RPC runtime and RPC server.
Action	Contact Software AG support.
00010097	Password change not supported by RPC server
Explanation	The RPC server you are using does not support alteration of the RPC password. Altering RPC passwords is supported by Natural RPC Server only. EntireX RPC servers do not support alteration of RPC passwords.
Action	Contact Software AG support to check whether a newer version of the Natural RPC Server may support the feature.
00010100	ICONV Open error for Unicode conversions
Explanation	The RPC Runtime uses the iconv interface for converting Unicode encodings under UNIX. The iconv interface returned an error (-1) during open of the conversion descriptor. Either the source or target Unicode encoding are not supported.
Action	The Unicode encoding UTF-16BE is always needed. Depending on the used Unicode encoding of your environment, one of the following additional encodings are required: UTF-32BE UTF-32LE or UTF-16LE. See your UNIX documentation for more information on the iconv interface, especially the iconv open call. Check if the above encodings are available in your UNIX environment.
00010101	ICONV target buffer for Unicode conversions too small
Explanation	The RPC Runtime uses the iconv interface for converting Unicode encodings under UNIX. The iconv interface returned errno E2BIG. This error is an internal error of the RPC Runtime.
Action	See your UNIX documentation for more information on the iconv interface and error E2BIG. Contact Software AG support.

00010102	ICONV Invalid descriptor
Explanation	The RPC Runtime uses the iconv interface for converting Unicode encodings under UNIX. The iconv interface returned errno EBADF. This error is an internal error of the RPC Runtime.
Action	See your UNIX documentation for more information on the iconv interface and error EBADF. Contact Software AG support.
00010103	ICONV Invalid Character or Shift Sequence
Explanation	The RPC Runtime uses the iconv interface for converting Unicode encodings under UNIX. The iconv interface returned errno EILSEQ. This is a user error.
Action	Check your data if valid Unicode characters being sent/received. See your UNIX documentation for more information on the iconv interface and error EILSEQ.
00010104	ICONV Incomplete Character or Shift Sequence
Explanation	The RPC Runtime uses the iconv interface for converting Unicode encodings under UNIX. The iconv interface returned errno EINVAL. This is a user error.
Action	Check your data to see whether valid Unicode characters are being sent/received. See your UNIX documentation for more information on the iconv interface and error EINVAL.
00010105	ICONV Failed
Explanation	The RPC Runtime uses the iconv interface for converting Unicode encodings under UNIX. The iconv interface returned an undefined error.
Action	See your UNIX documentation for more information on the iconv interface. Contact Software AG support.
00010106	Illegal parameter direction
Explanation	Reliable RPC allows only IN parameters.
Action	Remove any other OUT and INOUT parameters from this message.
00010107	Invalid packet type for Reliable RPC
Explanation	The packet type shipped with the RPC protocol is not valid for the use of Reliable RPC.
Action	Contact Software AG support.

00010108 Inconsistent Reliable RPC message

Explanation The string buffer item "REL" is missing or invalid.

Action Contact Software AG support.

00010200 Parameter Error: data not unsigned numeric. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>

Explanation An application parameter cannot be processed because its content does not match the expected format unsigned numeric (NU). See *IDL Data Types* under *Software AG IDL File* in the IDL Editor documentation.

The message provides additional information such as <direction>, <parameter-name>, <type-length> and <location>, where

- <direction> is either 'Request' if the error was detected before the RPC server was executed, or 'Reply' for the answer, i.e. if the RPC server was already executed.
- <parameter-name> is available for target programming language C only
- <type-length> matches the IDL data type; see *IDL Data Types* under *Software AG IDL File* in the IDL Editor documentation
- <location> contains the hierarchy of IDL nodes, separated by a colon. If an IDL node is an array, its indexes are given in parentheses.

Example: Reply of IDL field (NU14.0), location=3.2(I=5).1.

The IDL below was used for the RPC call. The location is interpreted as follows: Third field on level 1 is 'G-parameter-3-on-level-1'; then second parameter on level 2 is the array 'G-parameter-32-on-level-2' and (I=5) means the fifth occurrence; then the first field on level 3 which is 'G-parameter-322-on-level-3' produced the error.

```

. . .
define data parameter
1 G-parameter-1-on-level-1      (A10) In
1 G-parameter-2-on-level-1                      In
1 G-parameter-3-on-level-1                      Out
    2 G-parameter-31-on-level-2
        3 G-parameter-311-on-level-3 (A5)
        3 G-parameter-312-on-level-3 (N8)
        3 G-parameter-313-on-level-3 (NU4)
    2 G-parameter-32-on-level-2    (/25)
        3 G-parameter-322-on-level-3 (NU14)
        3 G-parameter-321-on-level-3 (A5)
1 G-parameter-4-on-level-1      (A64)
. . .
end-define

```

Action Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.

00010201	Parameter Error: data not signed numeric. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format signed numeric (N). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010202	Parameter Error: data not numeric. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format unsigned numeric (NU) or signed numeric (N). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010203	Parameter Error: data not unsigned packed. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format unsigned packed (PU). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010204	Parameter Error: data not signed packed. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format signed packed (P). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.

00010205	Parameter Error: data not packed. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format unsigned packed (PU) or signed packed (P). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010206	Parameter Error: I1 < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I1 cannot be processed because its content is less than the allowed minimum (-128) for I1. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010207	Parameter Error: I1 > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I1 cannot be processed because its content is greater than the allowed maximum (+127) for I1. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010208	Parameter Error: I2 < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I2 cannot be processed because its content is less than the allowed minimum (-32768) for I2. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.

00010209	Parameter Error: I2 > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I2 cannot be processed because its content is greater than the allowed maximum (+32767) for I2. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010210	Parameter Error: I4 < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I4 cannot be processed because its content is less than the allowed minimum (-2147483648) for I4. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010211	Parameter Error: I4 > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I2 cannot be processed because its content is greater than the allowed maximum (+2147483647) for I2. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010212	Parameter Error: float < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F4 cannot be processed because its content is less than the allowed minimum (1.175494351e-38F) for F4. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.

00010213	Parameter Error: float > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F4 cannot be processed because its content is greater than the allowed maximum (3.402823466e+38F) for F4. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010215	Parameter Error: float HUGE_VAL. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F4 cannot be processed because of conversation error HUGE_VAL. See C library strtod() for more information. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010216	Parameter Error: double < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F8 cannot be processed because its content is less than the allowed minimum (2.2250738585072014e-308) for F8. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
00010217	Parameter Error: double > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F8 cannot be processed because its content is greater than the allowed maximum (1.7976931348623158e+308) for F8. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
Action	Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.

- 00010218** **Parameter Error: double exponent over-, underflow. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>**
- Explanation** An application parameter of IDL type F4 or F8 cannot be processed because of exponent over- or underflow. See *IDL Data Types* under *Software AG IDL File* in the IDL Editor documentation.
- The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
- Action** Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
-
- 00010219** **Parameter Error: bad vdata provided. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>**
- Explanation** An application parameter of IDL type AV, BV, KV or UV cannot be processed because incorrect data was applied, see *Using Variable-length Data Types AV, BV, KV and UV*.
- The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
- Action** Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.
-
- 00010220** **Parameter Error: bounds exceeds maximum. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>**
- Explanation** An index of an application parameter for an IDL unbounded array (see *array-definition* under *Software AG IDL Grammar* in the IDL Editor documentation) cannot be processed because its value exceeds the maximum for upper bound.
- The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 00010200.
- Action** Make sure the IDL file, generated client interface objects and your client application are consistent. Check your client application for parameter integrity.

3

Message Class 0002 - EntireX ACI - User does not Exist

This page describes messages with message class 0002. The messages have the format:

0002*nnnn*

where *0002* is the message class:

nnnn is the message number in the range 0000 - 9999.

The user has not interacted with EntireX Broker during the time determined either by `SERVER-NONACT` or `CLIENT-NONACT`. When the determined time has passed, all resources allocated to the user are released. All conversations are lost.

00020002

User Does Not Exist

Explanation

The user cannot be found. Users are added to EntireX Broker's internal structures when the first `REGISTER` (for servers) or the first `SEND` operation (for clients) is executed. This response is returned when:

1. The time determined in the attribute file for `CLIENT-NONACT` or `SERVER-NONACT` has elapsed since the last call of the user.
2. A server has not issued a `REGISTER` call as the first action.
3. A client has not started a conversation (`SEND` with `CONV-ID=NEW`) or a non-conversational request (`SEND` with `CONV-ID=NONE`) as the first action.

Action

For situation 1, contact the administrator to check the values supplied for `CLIENT-NONACT` or `SERVER-NONACT`. They may have to be increased. However, be sure not to supply too high a value, as this can lead to resources being used for a long period of time.
Situations 2 and 3 are user errors. Check the program and correct the error.

4 Message Class 0003 - EntireX ACI - Conversation Ended

This page describes messages with message class 0003. The messages have the format:

0003*nnnn*

where *0003* is the message class:

nnnn is the message number in the range 0000 - 9999.

This message class indicates the conversation has ended for the following reasons:

1. The partner issued an EOC or a Deregister operation.
2. A timeout occurred for the partner (defined by either CLIENT-NONACT or SERVER-NONACT) or the conversation (defined by CONV-NONACT). All resources allocated for the conversation are released.

00030003

No Matching Conversation Found

Explanation

The conversation cannot be found, or no request is available for processing. This response is returned when:

1. The wrong conversation ID is specified.
2. A server issued a non-blocked RECEIVE with CONV-ID=NEW/ANY and no conversation or request is available for processing.
3. Neither the client nor the server has accessed the conversation for the specified timeout period. The conversation is timed out and does not exist anymore (if a conversation timeout occurs while users are waiting, they are informed with error code 0073). For the Broker, timeout is specified by the CONV-NONACT parameter in the attribute file.

Action

Situation 1 is a user error. Check the program and correct the error.

For situation 2, contact the administrator and check the value supplied for CONV-NONACT. It may have to be increased. However, be sure not to supply too high a value as this can lead to resources being used for a long period of time.

For situation 3, this is an information-type message. How the program continues depends on the application.

00030005

Partner finished the conversation

Explanation

The partner has ended of the conversation by either an EOC or DEREGISTER with OPTION=IMMED. This response is returned when:

1. The user has retrieved all the data/messages sent by the partner with RECEIVE calls and has attempted to get further data/message with a RECEIVE using the OPTION=NEXT. No more messages are available from the partner.
2. A function other than RECEIVE is issued and the partner has already ended the conversation.

Action

This is an informational message. How the program continues depends on the application. Messages from the partner not yet received can be received with subsequent RECEIVE calls, that is, when the conversation end is detected by a call other than RECEIVE, it is possible that messages from the partner exist.

00030010

EOC due to DEREGISTER of partner

Explanation

This error comes as the result of a receive function. The particular conversation is already closed because the partner application has DEREGISTERed. This information is intended to tell an application the reason for an EOC:

DEREGISTER of the partner,
LOGOFF of the partner, or
EOC with cancel of the partner

Action

If possible, back out all actions taken for that conversation, since the end does not appear to be graceful.

00030011

Partner cancelled the conversation

Explanation

The partner marked the conversation as cancelled with the EOC operation.

Action

If possible, back out all actions taken for the conversation.

00030012

EOC due to LOGOFF of partner

Explanation

This error results from an attempted receive on a conversation that is already closed because the partner application performed a LOGOFF.

Action

If possible, back out all actions taken for the conversation.

00030067	Partner timeout occurred
Explanation	The partner for the conversation is no longer active. All conversations with this partner are terminated. This occurs when the partner has not issued a call to EntireX Broker for the time defined by either <code>CLIENT-NONACT</code> or <code>SERVER-NONACT</code> . Error code 0002 is returned to the partner when it attempts to access any of its previous conversations.
Action	If this happens repeatedly, contact the administrator and check the value supplied for <code>CLIENT-NONACT</code> or <code>SERVER-NONACT</code> . It may need to be increased. However, do not supply too high a value, as this can lead to resources being used for a long period of time.
00030073	Conversation timeout occurred
Explanation	The timeout defined for the conversation has elapsed without the partner issuing a Broker call against the conversation and therefore the conversation has ended. For the Broker, timeout is specified by the <code>CONV-NONACT</code> value for the service in the attribute file.
Action	Check the following causes: <ul style="list-style-type: none"> ■ Ensure that the partner is working correctly. ■ Contact the administrator and check the settings of the non-activity timeout. You may need to increase the timeout value. Do not supply too high a value, however, as this can lead to resources being used for a long period of time.
00030475	Publication timeout occurred
Explanation	The timeout defined for the publication has elapsed. For the Broker, timeout is specified by the <code>PUBLICATION-LIFETIME</code> value for the topic in the attribute file.
Action	You may need to increase the timeout value if necessary. Do not supply too high a value, however, as this can lead to resources being used for a long period of time.
00030487	No multipart publication supported
Explanation	A publication cannot extended after doing a commit (either <code>CONTROL_PUBLICATION</code> or <code>SEND_PUBLICATION</code> with option <code>COMMIT</code>).
Action	Start a new publication instead with publication ID <code>NEW</code> .
00030488	No matching publication found
Explanation	The publication specified by publication ID could not be found.
Action	This is a user error. Publishers and subscribers ensure that the specific publications exist before referencing them.

5

Message Class 0007 - EntireX ACI - Service not Registered

This page describes messages with message class 0007. The messages have the format:

0007*nnnn*

where *0007* is the message class, and

nnnn is the message number in the range 0000 - 9999.

This message class is returned if no server is available offering the desired service. Servers providing the requested service have either not been started, stopped, timed out or cancelled. This situation is possible only in client programs and occurs when all active servers have deregistered their services with the DEREGISTER operation using the option QUIESCE.

00070007

Service Not Registered

Explanation

The requested service is not available. This response is returned when:

1. A user tried to initiate a communication (SEND with CONV-ID=NEW) with a service currently not available. All servers providing the requested service have not been started or have been stopped, timed out or cancelled. The response is also returned when the server issues a DEREGISTER with OPTION QUIESCE.
2. In response to a DEREGISTER/RECEIVE call: the user has not registered the service.
3. In response to an EOC call with CONV-ID=ANY: the given service could not be found.

Action

For situation 1, start an appropriate server process. For situations 2 or 3, register the service or ensure that the service has been registered correctly.

Note: For ACI version 9 and above, the error text associated with error number 00070007 will include the service name in the text. SC=class SN=server SV=service not registered.

00070483 Participant not subscribed to this topic

Explanation Participant did not subscribe to the topic that has been specified in the current request.

Action Issue subscribe and repeat request again

00070493 No subscriber for topic

Explanation The requested topic is not available. No one has subscribed to this particular topic yet. Therefore, this publication cannot be received by anyone. Subscribers receive only those publications that were created after their subscription.

Action No action.

6 Message Class 0008 - EntireX ACI - Security Error

- EntireX Security Messages 32
- Security Return Code 37
- Messages for Sample Security Module USRSEC 37

The following messages are returned by EntireX Broker after a security violation is detected by EntireX Security; Lightweight USRSEC; or the sample - that is, user-defined - security module USRSEC. This message class indicates that the security system rejected the intended action. The specific error is given as the message number in the last four bytes of the message code. The messages have the format:

0008*nnnn*

where 0008 is the message class, and

nnnn are the message numbers grouped as follows:

0001-0999: EntireX Security

1000-1999: Lightweight USRSEC

2000-2999: Sample security module USRSEC

This document covers the following topics:

EntireX Security Messages

00080001	Access denied ext. security not active
Explanation	Security system not active: no authorization could be determined. Access denied.
Action	Contact administrator of SAF security system.
00080002	Access denied user profile not defined
Explanation	User profile not defined to security system: access denied.
00080003	Access denied password not authorized
Explanation	User has supplied incorrect password: access denied.
00080004	Access denied password expired
Explanation	User's password has expired.
Action	Supply existing and new password. Successful access will result in password change.

00080005	Access denied, new password invalid
Explanation	User has supplied an invalid new password: access denied.
Action	Consult your site-specific rules governing passwords.
00080006	Access denied, rejected by inst. exit
Explanation	User access rejected by installation exit: access denied.
Action	Determine whether your site specifies security rules.
00080007	Access denied, user ID revoked
Explanation	User's access has been revoked - possible because of too many unsuccessful attempts: access denied.
Action	Request user ID to be reset.
00080008	Access denied at this time date
Explanation	User is denied access at this time/date: access denied.
Action	Contact security administrator to ensure that correct privileges are defined.
00080009	Access denied resource not allowed
Explanation	User is not permitted access to this resource: access denied.
Action	Contact security administrator to ensure that correct privileges are defined.
00080010	Access denied resource not defined
Explanation	Resource not defined to security system: access denied.
Action	Contact security administrator to ensure that correct privileges are defined.
00080011	Access denied, IP address not allowed
Explanation	Users are not permitted to execute the application at the IP address where they is currently located. This applies only where IP address authorization is enabled.
Action	Contact security administrator to ensure that correct privileges are defined.
00080012	Access denied, IP address not defined
Explanation	The IP address where the user is currently located is not defined to the security system. This applies only where IP address authorization is enabled.
Action	Contact security administrator to ensure that correct privileges are defined.

00080013	Access Denied to application (APPL)
Explanation	The user is not authorized to use the application that was defined with security-specific broker attribute APPLICATION-NAME. See APPLICATION-NAME under <i>Broker Attributes</i> in the platform-independent administration documentation.
Action	Ask your security administrator for permission to access the broker.
00080024	ETBUPRE: Unresolved V-CON
Explanation	The security function in the Broker stub was unable to locate the SAFCFG module for processing security settings.
Action	Assemble and link the SAFCFG module as described in the z/OS installation documentation. See <i>Installing EntireX Security for Applications using Broker Stubs under z/OS</i> in the z/OS installation documentation.
00080043	Unable to initialize
Explanation	Internal error occurred.
Action	Contact Software AG support.
00080044	Invalid ENCRYPTION-LEVEL value
Explanation	Application must supply values 0 1 2 in ACI field ENCRYPTION-LEVEL.
Action	Correct the application.
00080045	Invalid CREDENTIALS-TYPE value
Explanation	The application has supplied an incorrect value in ACI field CREDENTIALS-TYPE.
Action	Correct the application.
00080048	Access denied, invalid credentials
Explanation	User credentials are invalid.
Action	Correct user credentials.
00080049	Invalid AUTHENTICATION-TYPE value
Explanation	The value of this parameter supplied in the Broker attribute file is incorrect.
Action	Correct attribute file parameter AUTHENTICATION-TYPE.

00080254	Access denied SAF returns: xxxxxxxx
Explanation	SAF returns RACROUTE error codes: SSSSSSSS.
Action	Determine cause of error using information listed below.
00080255	Access denied SAF interface error xx(yy)
Explanation	Security returns error code xx(yy).
Action	Inform Software AG support.
00080350	Bad user ID detected, access denied
Explanation	Either the user has not been defined, or the password does not match.
Action	Verify the specified user ID / password for the LOGON command
00080351	Access Denied RPC lib/pgm not converted
Explanation	Internal error occurred performing Client RPC Authorization.
Action	Contact Software AG support.
00080352	Access Denied Reconnect requires UID/PWD
Explanation	Application has attempted to transfer control to a different thread, or process, without correctly transferring the necessary values of USER- ID, TOKEN and STOKEN.
Action	The application transferring control must make values of USER- ID, TOKEN and STOKEN available to the application which is delegated to continue thread of execution.
00080353	Access Denied Bad STOKEN: UID/PWD needed
Explanation	Application has not correctly maintained the value of security token (STOKEN) in the EntireX Broker control block structure.
Action	The application must maintain the value of STOKEN in order to securely communicate with Broker kernel without sending PASSWORD with each command.
00080400	Unable to load library exxauthr
Explanation	If EntireX Security is enabled and the default user exit library usnsec is used, the additional library exxauthr must also be enabled.
Action	Check your installation.

00080401	Service not defined, access denied
Explanation	Access denied by broker attribute setting AUTHORIZATIONDEFAULT=NO.
Action	Check the broker attribute files and amend the entries for AUTHORIZATIONRULE and AUTHORIZATIONDEFAULT.
00080402	User not authorized for this service
Explanation	The user is not authorized to send a request to the specified service.
Action	Check the list of defined users for this service (mainframe: EntireX SAF-based Security; UNIX/Windows: System Management Hub Agent "Authorization Rules").
00080404	Broker Security Server not running
Explanation	The Broker Security Server for BS2000/OSD is not started.
Action	Start the Broker Security Server.
00080405	Broker Security Server not ready
Explanation	EntireX Broker could connect to the EntireX BS2000/OSD Security Server, but found the Server in status inactive.
Action	Verify whether the Security Server task started correctly.
00080406	Broker Security Server timeout
Explanation	The Broker Security Server did not respond.
Action	Verify whether the Security Server task started correctly. A Security Server trace may help to identify the problem.
00080407	Authentication failed
Explanation	Either the user ID is not defined or the password does not match.
Action	Supply a valid user ID and password. A Security Server trace may be turned on to identify the exact reason why the authentication failed.
00080408	Access denied, invalid credentials
Explanation	User credentials are invalid.
Action	Correct user credentials.

- 00080409 Invalid AUTHENTICATION-TYPE value**
Explanation The value of this parameter supplied in the Broker attribute file is incorrect.
Action Correct attribute file parameter AUTHENTICATION-TYPE.
- 00080604 STUB: Snd length too long for encryption**
Explanation The Assembler-written stubs support encryption only where the send buffer is less than approximately 32 KB of data. If encryption is requested and the send length is greater than 32 KB, the command cannot be processed by the stub and a response is given.
Action Do not specify encryption where the length of the send buffer is greater than 32 KB.

Security Return Code

ACI error code 00080254 returned to the application indicates an unexpected response from SAF. This information is also shown in the Broker kernel trace when the appropriate trace level settings are applied. This message will contain the following bytes. *SSSSSSSS* in the documentation.

The hexadecimal return/reason code structure contains the following information:

Position within message code	Information content
Byte: 1	SAF return code
Byte: 2	Not used
Byte: 3	Return code from security system, for example RACF
Byte: 4	Reason code from security system, for example RACF

Messages for Sample Security Module USRSEC

- 00082004 Invalid Userid/Password combination**
Explanation Either the user has not been defined, or the password does not match.
Action Verify the specified user ID / password for the LOGON command.

00082008	Invalid Userid/Password combination
Explanation	Either the user has not been defined, or the password does not match.
Action	Verify the specified user ID / password for the LOGON command.
00082012	Password expired and no new password
Explanation	User's password has expired.
Action	Supply previous and new password.
00082016	Invalid new Password
Explanation	User has supplied an invalid new password: access denied.
Action	Consult your site-specific rules governing passwords.
00082020	Userid not defined to specified group
Explanation	User is not permitted access to this resource: access denied.
Action	Contact security administrator to ensure that correct privileges are defined.
00082024	Access failed by installation exit
Explanation	User access rejected by installation exit: access denied.
Action	Determine whether your site specifies security rules.
00082028	System access has been revoked
Explanation	User's access has been revoked - possibly because of too many unsuccessful attempts.
Action	Request user ID to be reset.
00082032	RACF is not active
Explanation	Security system not active: no authorization could be determined. Access denied.
Action	Contact administrator of SAF security system.
00082036	Default group access has been revoked
Explanation	User's group access has been revoked.
Action	Contact administrator of SAF security system.

00082052	Application access is not authorized
Explanation	User does not have authorization to access this application.
Action	Contact administrator of SAF security system.
00082300	Invalid interface version
Explanation	An invalid version of the security interface was detected.
Action	Contact Software AG support.
00082301	Invalid interface type
Explanation	An invalid security interface type was detected.
Action	Contact Software AG support.
00082352	Reconnection rejected
Explanation	An invalid security token was detected during a reconnect attempt.
Action	Reconnection is not possible for this session. Log off and log on again.
00082353	STOKEN mismatch, LOGOFF/LOGON needed
Explanation	An invalid security token was detected.
Action	Log off and log on again.
00082999	Work area too small
Explanation	Unable to obtain required storage for security work area.
Action	Check for system storage problems.

7 Message Class 0010 - EntireX ACI - Commands to Server

This class is valid for servers only and indicates that the server received a command. These messages have the format:

0010*nnnn*

where 0010 is the message class, and

nnnn is the message number in the range 0000-9999.

00100022 Attach Service required

Explanation This is not an error, but a notification that an attach service is required. In order to distinguish between a normal RECEIVE (including user data and the like) and an attach manager notification, the latter does not end with a 00000000 return code. In addition to the error code, a data structure in the receive buffer provides more information, for instance, which server to start.

Action No user action is required, the attach manager has to start a server.

00100050 Shutdown IMMED required

Explanation The administrator has requested an immediate shutdown, the only operation permitted is DEREGISTER with the option IMMEDIATE.

Action No user action is required; the shutdown IMMED response means that the server no longer exists.

00100051 Shutdown QUIESCE required

Explanation The administrator has requested this server to be shut down, the only operation permitted is DEREGISTER with the option QUIESCE.

Action Perform a DEREGISTER with option QUIESCE.

8

Message Class 0013 - EntireX Java

This page describes messages with message class 0013. The messages have the format:

0013*nnnn*

where 0013 is the message class, and

nnnn are the error numbers grouped as follows:

01*nn* EntireX Java ACI Errors

02*nn* EntireX Java RPC Errors

03*nn* Errors in the Transport Layer

04*nn* SSL Errors

09*nn* Errors for Broker Agent

00130100	Register/RegisterAttach invalid for generic Service
Explanation	Register or RegisterAttach has been called for a generic service (server address contains at least one asterisk). These methods are applicable to real services only.
Action	Correct your application.
00130101	Send invalid for generic service
Explanation	A send using a generic service was attempted.
Action	Correct your application.

00130102	SendReceive invalid for generic service
Explanation	A <code>sendReceive</code> using a generic service was attempted.
Action	Correct your application.
00130103	Service.receive: Service returned by Broker not found
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130104	Service.receive: found old conversation
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130105	Service.receive: found wrong conversation
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130106	Service.receive: got UnitofWork
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130107	addConv: convID already found
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130108	delConv: convID not found
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130109	findUnitofWork: no UnitofWork
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.

00130110	findConversation: no Conversation
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130111	endConversation: no conversation
Explanation	The <code>endConversation</code> method has been called on either a newly created conversation or an already closed conversation.
Action	Correct your application.
00130112	undo: no conversation
Explanation	The <code>undo</code> method has been called on either a newly created conversation or an already closed conversation.
Action	Correct your application.
00130113	send/sendReceive: got wrong convID, expected={0},received={1}
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130114	receive: got wrong convID, expected={0},received={1}
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130115	{0}: no running UnitofWork
Explanation	The specified <code>UnitofWork</code> method (first parameter) has been called on a non-active <code>UnitofWork</code> .
Action	Correct your application.
00130116	Codepage support for Broker {0} requires version 5.2 or higher
Explanation	Codepage support has been requested for an EntireX Broker version 5.1 or lower.
Action	Disable codepage support for previous versions of EntireX Broker or use a Broker version 5.2 or higher.

00130117	Requested call invalid for attach server
Explanation	A method different from <code>receiveAttachInfo</code> has been called on an attach server.
Action	Only the <code>receiveAttachInfo</code> method can be used for an attach server.
00130118	Encryption level support for Broker {0} requires version 6.1 or higher
Explanation	Encryption level support has been requested for an EntireX Broker version 5.3 or lower.
Action	Do not use encryption level for previous versions of EntireX Broker or use Broker version 6.1 or higher.
00130119	Security object already set
Explanation	For a Broker object, you are only allowed to set the security object once.
Action	Correct your application.
00130120	Data compression support for Broker broker ID requires version 7.1 or higher
Explanation	The broker in use does not support data compression. For data compression you need a broker version 7.1 or higher.
Action	Check your compression level settings or upgrade the broker.
00130121	Encoding encoding name not supported
Explanation	The Java Runtime Environment in use does not support this encoding.
Action	Check your Java Runtime Environment for the supported character encodings.
00130200	rpcCall: length of SendBuffer is {0} instead of {1}
Explanation	An internal inconsistency in the Java RPC has been detected.
Action	Contact Software AG support.
00130201	rpcCall: unexpected end of conversation
Explanation	The RPC server returns an end of conversation indication which is unexpected by the client.
Action	Check the conversation logic of your RPC client application.

00130202	rpcCall: length of received buffer too small, length = {0}
Explanation	The RPC server returned a reply with an illegal length.
Action	Check that your application is communicating with an RPC server. If the problem is reproducible, contact Software AG support.
00130203	rpcCall: wrong RPC version returned = {0}
Explanation	The reply returned from the RPC server uses a different RPC protocol version.
Action	Check that the RPC server can handle the same protocol version the client requests. Possible reasons could be that your client requests compression or Natural Security and the RPC server does not support these functionalities.
00130204	rpcCall: error returned from RPC server: {0}
Explanation	The RPC server returned the indicated error response.
Action	Depends on the error response. Check the RPC server's log for more information.
00130205	rpcCall: program {0} not found in library {1}
Explanation	The RPC server could not locate the requested (remote) program in the specified library.
Action	Check the location of the remote program.
00130206	rpcCall: internal error {0}
Explanation	The RPC server returned an error response for an internal error.
Action	Depends on the error response. Check the RPC server's log for more information.
00130207	rpcCall: error returned from server application for program {5}: number = {0} in line {1} of program {2} status={3}, level={4}
Explanation	This error usually indicates a problem in the Natural server application. If the error is in the range 6970 to 6979 it is a problem in the Natural RPC Server.
Action	Check your server application.
00130208	rpcCall: receive length {0} does not match expected length {1}
Explanation	The data which has been received from the RPC server caused an internal inconsistency in the Java RPC.
Action	Check if your application is communicating with an EntireX/Natural RPC Server. If the problem is reproducible, contact Software AG support.

- 00130209** **rpcCall: numeric value {0} does not fit in {1}.{2}**
Explanation The value of a N/P parameter exceeds the format specification. For example, the value is 123.12 and the format is N2.2.
Action Application problem.
- 00130210** **rpcCall: Natural Security requires non blank UserId, Password and Library**
Explanation When Natural Logon is enabled, non-blank values for Library, UserId, and Password have to be provided.
Action Provide all necessary data in the RPC client application.
- 00130211** **rpcCall: ISO 8859_1 codepage not available**
Explanation Conversion from a Java String to a byte array based on the codepage ISO 8859_1 failed.
Action Check your Java installation. The standard codepage ISO 8859_1 should be supported.
- 00130212** **rpcCall: exponent of floating-point number {0} greater than 99**
Explanation The exponent of a floating-point number used as input to an RPC request is greater than 99. This is not supported by EntireX RPC.
Action Application problem.
- 00130213** **rpcCall: server does not support required version {0}**
Explanation The request issued by the RPC client cannot be processed by the RPC server because the RPC server or - if it is being used - the broker conversion approach SAGTRPC does not support the required functionality.
Action If the broker conversion approach SAGTRPC is being used, the cause of the problem can be SAGTRPC or the RPC server. Check the version of the broker and the RPC server in use. Upgrade the broker and the RPC server to the latest version available.

 If the broker conversion approach SAGTRPC is not being used, the cause of the problem is the RPC server. Check the version of the RPC server in use. Upgrade the RPC server to the latest version available.
- 00130214** **rpcCall: error{0} returned from server application for program {1} in library {2}**
Explanation This error usually indicates a problem in the server application.
Action Check your server application.

00130215	No Broker instance or server address specified
Explanation	The generated proxy has been instantiated without a Broker instance or server address specified. This necessary information was not supplied before calling a method of the proxy.
Action	Use the <code>setBroker</code> and <code>setServerAddress</code> methods to specify the missing information.
00130216	Attempt to change the Broker instance or the server address during a conversation
Explanation	Either the method <code>setBroker</code> or <code>setServerAddress</code> has been called during a conversation, which is not possible.
Action	Correct your application.
00130217	rpcCall: malformed string buffer, offset=<offset>, length=<length>
Explanation	The RPC response from the server is not well formed. This may happen when RPC client and RPC server are not compatible.
Action	Contact Software AG support.
00130218	rpcCall: invalid length in buffer: <part of buffer>, length: <length>, digits: <number of digits>
Explanation	The RPC response from the server is not well formed. This may happen when RPC client and RPC server are not compatible. The <part of buffer> contains the part of the buffer that should be a length, <length> is the length computed from the buffer part, <number of digits> is the number of digits parsed for the length.
Action	Contact Software AG support.
00130219	rpcCall: Failed to create change password message
Explanation	The Java Runtime was unable to create a message for the RPC password change. This is used for Natural RPC Servers running with Natural Security.
Action	Contact Software AG support.
00130220	rpcCall: Failed to create change password message: <exception detail>
Explanation	The Java Runtime was unable to create a message for the RPC password change. This is used for Natural RPC Servers running with Natural Security. See <exception detail> for the reason.
Action	Contact Software AG support.

- 00130221** **rpcCall: Reliable RPC supports only IN parameters. INOUT <inout-length>, OUT <out-length>**
- Explanation** Reliable RPC allows only IDL direction IN parameters. The length of all INOUT parameters sent is given in <inout-length>. The length of all OUT parameters sent is given in <out-length>.
- Action** Update your IDL, i.e. remove any OUT and INOUT parameters, possibly re-generate your interface object and/or update your application, then retry the RPC call.
-
- 00130222** **rpcCall: No item found in mixed password cache for <item> where one is expected**
- Explanation** An internal inconsistency in the Java RPC has been detected.
- Action** Contact Software AG support.
-
- 00130300** **Unknown character set, value for left brace={0}**
- Explanation** The EntireX Java ACI was unable to determine the native character set on the machine where it is running.
- Action** Contact Software AG support.
-
- 00130301** **Unknown character set, value for blank={0}**
- Explanation** The EntireX Java ACI was unable to determine the native character set on the machine where it is running.
- Action** Contact Software AG support.
-
- 00130302** **Invalid ETB reply, length={0}**
- Explanation** The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
- Action** Check if your application is communicating with an EntireX broker. If the problem is reproducible, contact Software AG support.
-
- 00130303** **Reply signature (*ANS) not found**
- Explanation** The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
- Action** Check if your application is communicating with an EntireX broker. If the problem is reproducible, contact Software AG support.

00130304	No API string returned from BROKER length={}
Explanation	The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
Action	Check if your application is communicating with an EntireX broker. If the problem is reproducible, contact Software AG support.
00130305	BROKER return length ({0}) differs from communication layer length({1})
Explanation	The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
Action	Check if your application is communicating with an EntireX broker. If the problem is reproducible, contact Software AG support.
00130306	Unknown ACI binary key {0}
Explanation	The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
Action	Contact Software AG support.
00130307	Unknown ACI string keyword {0}
Explanation	The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
Action	Contact Software AG support.
00130308	Wrong length for TEXT: {0}
Explanation	The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
Action	Contact Software AG support.
00130309	Broker call: uniqueId must be a 28 byte array, actual length={0}
Explanation	An internal inconsistency in the EntireX Java ACI has been detected.
Action	Contact Software AG support.
00130310	Broker call failed: Invalid TCP header received, length = {0}
Explanation	The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
Action	Check if your application is communicating with an EntireX broker. If the problem is reproducible, contact Software AG support.

00130311	Connection to {0} failed: {1}
Explanation	An exception occurred when trying to establish a network connection to an EntireX broker.
Action	Check the error message returned from the Java networking class.
00130312	Socket connect failed due to Java security restrictions for {0}:{1} ({2})
Explanation	A security exception occurred during the open of a socket connection to an EntireX broker. A Java security manager is active which refused to open this socket connection.
Action	The most common reason for this exception is that a Java applet is trying to establish a connection to a Broker which is running on a machine which is not the same as the Web server the applet has been downloaded from. Your Broker has to run on the Web server machine or you have to use the Broker Agent. To get the correct IP address of the Web server machine use the <code>getCodeBase().getHost()</code> method call from the applet class.
00130313	Send/receive failed for {0} ({1})
Explanation	An exception occurred during the transfer of data to an EntireX broker through a network connection.
Action	Check the error message returned from the Java networking class.
00130314	Socket connect failed: {0} unknown ({1})
Explanation	The specified Broker ID could not be resolved to an IP address.
Action	Specify a valid Broker ID. Non-numeric IDs must be registered with the Domain Name System (DNS).
00130315	Socket connect failed for {0}:{1} ({2})
Explanation	Connection to the EntireX Broker failed. This means that the remote host could be reached, but is not responding.
Action	Check if a Broker is running on the specified machine and is listening on the specified port.
00130316	Transport Timeout exceeded ({0})
Explanation	The timeout specified in the <code>entirex.timeout</code> property has elapsed. It is also possible that this error is caused by an interruption of the Java thread which is executing the Broker call. Check the additional error message for details.
Action	Check availability of the EntireX Broker in case of a timeout. Expected behavior in case of an interrupt.

00130317	Invalid Transport Timeout <value of entirex.timeout>
Explanation	An invalid value for the <code>entirex.timeout</code> property has been specified.
Action	Use 0 for an infinite timeout or a value of 1 or above for a finite timeout in seconds.
00130318	Socket connect failed: {0};{1} unreachable ({2})
Explanation	The socket could not be connected to the remote host because the host could not be contacted. This means that some link in the network between the local machine and the remote host is down, or that the host is behind a firewall.
Action	Check your network configuration and status.
00130319	TCP Reply signature (EBCF) not found
Explanation	The data which has been received from the Broker caused an internal inconsistency in the EntireX Java ACI.
Action	Contact Software AG support.
00130320	HTTP(S) Agent returned Error: {0}
Explanation	Either the Web server or the HTTP(S) Agent returned the indicated error response.
Action	If an HTTP error is returned, the most likely reason is that the Web server or the HTTP(S) Agent is not configured correctly. Otherwise, the connection from the HTTP(S) Agent to the EntireX Broker could have failed.
	Note: HTTP(S) Agent was formerly referred to as "Tunnel Servlet".
00130321	Call to {0} failed: {1}
Explanation	An <code>IOException</code> occurred when calling EntireX via the HTTP(S) Agent.
Action	Check the error message.
00130322	EntireX Broker returned an illegal physical user ID: "{0}"
Explanation	The data which has been received from the broker caused an internal inconsistency in the EntireX Java ACI.
Action	Contact Software AG support.

00130323	EntireX communication error: {0}
Explanation	Either the EntireX Broker, the Broker Agent, or the HTTP(S) Agent returned an unexpected communication error.
Action	Contact Software AG support.
00130324	HTTP Server returned response code {0}
Explanation	The HTTP server which serves the request to the Broker HTTP(S) Agent returned an HTTP response code that is different from HTTP response code 200.
Action	Check the error code and error message. Verify that the URL specified is correct and addresses the HTTP(S) Agent. Verify that both the Web server and the servlet machine are up and running. Access to the HTTP(S) Agent can be also be checked using a Web browser.
00130325	Java Runtime does not support https ({0})
Explanation	The Java Runtime does not support the HTTPS protocol. HTTPS implementations are available with the Java plug-in and the Java Secure Socket Extension (JSSE).
Action	Check if an HTTPS implementation is installed. Using an HTTPS implementation might require you to set the <code>java.protocol.handler.pkgs</code> system property.
00130326	EntireX Broker returned communicator error: {0}
Explanation	The EntireX Broker returned a low-level communication error. Typical reasons include memory allocation problems in the EntireX Broker.
Action	Check the error message. Additional information might be obtained by checking the log files of the communicator component of the EntireX Broker. See error codes 02150126, 02150128, 02150129. The Broker issued one of these error codes depending on the detailed error text.
00130327	Broker HTTP(S) Agent returned error: {0}
Explanation	The HTTP(S) Agent returned an error. Typical reasons include unavailability of the EntireX Broker.
Action	Check the error message. Additional information might be obtained by checking the diagnostic output of the HTTP(S) Agent.
00130328	EntireX BrokerAgent returned error: {0}
Explanation	The EntireX Broker Agent returned an error. Typical reasons include unavailability of the EntireX Broker.
Action	Check the error message. Additional information might be obtained by checking the diagnostic output of the Broker Agent.

00130331	Error compressing send data: <detailed description>
Explanation	An exception is thrown while compressing data before send.
Action	Contact Software AG support with detailed description.
00130332	Error decompressing received data: <detailed description>
Explanation	An exception is thrown while decompressing data after receive or the decompression is incomplete and results in inconsistent data.
Action	Contact Software AG support with detailed description.
00130333	All sockets in socket pool for <Broker ID> are in use (size: <n> sockets)
Explanation	All sockets in the socket pool for the given Broker ID are in use. <i>n</i> is the maximum number of sockets in this pool.
Action	Check size of socket pool and check connection to the Broker.
00130334	Broker returned <returned number> bytes, more than RETL = <expected number> specifies
Explanation	An internal inconsistency in the response from the EntireX Broker has been detected. The Broker returned a larger payload than expected. <returned number> is the number of bytes in the payload. <expected number> is the number of bytes expected (return length).
Action	Contact Software AG support.
00130400	Error processing SSL KeyStore or TrustStore: {0}
Explanation	The Java keystore that was specified by the <code>trust_store</code> or <code>key_store</code> parameter is invalid or corrupt.
Action	Check the specified keystore.
00130401	Error during SSL handshake: {0}
Explanation	An SSL exception occurred during the SSL handshake between the SSL client and the SSL server. The most common case is an “untrusted server certificate chain” error.
Action	Check the error message for details. In case of an “untrusted server certificate chain” error, specify using the <code>trust_store</code> parameter a keystore that contains a trusted certificate entry for the issuer of the SSL server's certificate.

00130402	Server certificate issued for "{0}" instead of "{1}"
Explanation	The certificate received from the SSL server contains a common name that is different from the hostname specified in the <code>BrokerID</code> . This is an indication that the SSL client is not communicating with the right SSL server. This error can only appear when <code>verify_server=yes</code> has been specified.
Action	Check that the host name matches the name in the server's certificate.
00130403	Invalid server certificate: {0}
Explanation	The certificate received from the SSL server is syntactically invalid.
Action	Check the server's certificate.
00130404	SSL Transport could not be instantiated: {0}
Explanation	The constructor of the SSL implementation class has thrown an exception.
Action	Check the error message for details.
00130405	SSL Transport could not be loaded: {0}
Explanation	A Java class used by the SSL implementation does not exist.
Action	Check your Java SSL installation.
00130406	SSL Transport class {0} not found
Explanation	The EntireX Java SSL implementation class does not exist.
Action	Check that the named class exists and can be loaded via the classpath.
00130407	SSL Transport class could not be loaded: {0}
Explanation	Something is wrong with the SSL implementation class.
Action	Check that the named class is correct.
00130408	Class {0} is not an SSL Transport class
Explanation	The named class is not recognized by EntireX Java as an SSL transport class.
Action	Check your installation. If the Java system property <code>entirex.ssltransport</code> has been specified, verify that it references an EntireX Java SSL transport class.

00130900	Call rejected, BrokerAgent is shutting down
Explanation	New connections are not accepted by the Broker Agent during shutdown processing.
Action	Restart Broker Agent.
00130901	BrokerAgent: create socket failed: {0}
Explanation	An exception occurred when opening a socket connection to an EntireX Broker.
Action	Check the error message returned from the Java socket class.
00130902	BrokerAgent: read/write failed: {0}
Explanation	An exception occurred during the transfer of data to an EntireX broker through a socket connection.
Action	Check the error message returned from the Java socket class.
00130903	BrokerAgent: unknown {0};{1}
Explanation	The Broker Agent received a request for a Broker ID it is not serving.
Action	Check configuration of the Broker Agent(s).
00130904	BrokerAgent: invalid request format
Explanation	The Broker Agent received a request in an invalid format.
Action	Check the application which is using the Broker Agent. If the problem is reproducible, contact Software AG support.

9

Message Class 0014 - EntireX ACI - Broker Stub Version 1

This page describes messages with message class 0014: Error in Broker Stub Version 1. The messages have the format:

0014 $nnnn$

where 0014 is the message class, and

$nnnn$ is the message number in the range 0000 - 9999

This message class indicates a problem in the Broker stub being used. Examine the specific error message for the error number and make the correction. You should then be able to restart the application.

00140213

Insufficient Memory For Stub

Explanation

The Broker stub cannot allocate the storage needed to process the request.

Action

If you are using a Natural application in a mainframe environment, try to reduce or remove Natural buffers from the Natural space management. See the appropriate *Natural Operations* documentation for valid Natural buffer profile parameters such as ASIZE, CSIZE, DSIZE. When issuing the first call from any mainframe Natural platform, a buffer of 33 KB must be available within Natural space management.

10

Message Class 0015 - EntireX Workbench

The messages have the format:

0015*nnnn*

where 0015 is the message class, and

nnnn is the message number in the range 0000 - 9999

00151100	General error in command-line interface for DCOM Wrapper
Explanation	An unspecified error has occurred in the command-line interface. The error was in response to a request to run the DCOM Wrapper.
Action	Contact Software AG.
00151101	Reserved
Explanation	none
Action	none
00151102	I/O error in command-line interface for DCOM Wrapper
Explanation	An I/O error has occurred in the command-line interface. The error was in response to a request to run the DCOM Wrapper.
Action	Make sure that the input IDL file is readable. Make sure that the output directory exists and has write access. Make sure that the generated files are accessible.

00151103	Command syntax error in command-line interface for DCOM Wrapper
Explanation	The command-line argument <code>dcom:generate</code> was misspelled.
Action	Reenter the command-line argument correctly.
00151104	Command option syntax error in command-line interface for DCOM Wrapper
Explanation	An unknown command option was entered, or the command options <code>nt</code> or <code>os</code> were misspelled.
Action	Reenter the command-line argument correctly.
00151110	General error in DCOM MIDL execution
Explanation	An error occurred in the MIDL execution of the DCOM Wrapper. MIDL is called inside the generated DCOM batch script.
Action	Make sure the <code>ntd daemon</code> is running. Check the generated DCOM batch script and the availability of the MIDL input files.
00151111	General error in DCOM batch script execution
Explanation	An error occurred in a subprocess in the DCOM batch script, for example in the IDL Compiler calls.
Action	Check the generated DCOM batch script and the availability of the input files.
00151200	General error in command-line interface for Java Wrapper
Explanation	An unspecified error has occurred in the command-line interface. The error was in response to a request to run the Java Wrapper.
Action	Contact Software AG
00151300	General error in command-line interface for XML/SOAP Wrapper
Explanation	An unspecified error has occurred in the command-line interface. The error was in response to a request to run the XML/SOAP Wrapper.
Action	Contact Software AG.
00151301	No IDL libraries found in specified Software AG IDL file
Explanation	The specified IDL file is invalid or contains no IDL libraries. The error was in response to a request to run the XML/SOAP Wrapper.
Action	Correct the IDL file.

00151302	I/O error in command-line interface for XML/SOAP Wrapper
Explanation	An I/O error has occurred in the command-line interface. The error was in response to a request to run the XML/SOAP Wrapper.
Action	Make sure that the input IDL file is readable. Make sure that the output directory exists and has write access. Make sure that the XML mapping file is accessible.
00151500	General error in command-line interface for plug-ins
Explanation	An unspecified error has occurred in the command-line interface. The error was in response to a request to run a plug-in.
Action	Contact Software AG.
00151600	General error in command-line interface for Wrapper for EJB
Explanation	An unspecified error has occurred in the command-line interface. The error was in response to a request to run the Wrapper for EJB.
Action	Contact Software AG.
00151700	Missing import source name in command-line interface for XML to IDL Generators
Explanation	A misspelled command-line argument was issued to the command-line interface, because no import source name was entered.
Action	Enter an accessible and readable import source file name.
00151701	Warning in command-line interface for XML to IDL Generators
Explanation	A warning has occurred in the command-line interface.
Action	Follow the additional text of the warning.
00151702	Error in command-line interface for XML to IDL Generators
Explanation	An error has occurred in the command-line interface.
Action	Follow the additional text of the error.
00152000	General command parsing error in command-line interface
Explanation	An unspecified command parsing error has occurred in the command-line interface.
Action	Contact Software AG.

00152001 **Reserved**

Explanation none

Action none

00152002 **I/O error in command-line interface**

Explanation An I/O error has occurred in the command-line interface.

Action Make sure that the input IDL file and its properties file are accessible and readable.

00152003 **Reserved**

Explanation none

Action none

00152004 **IDL parser error in command-line interface**

Explanation The specified IDL file is invalid.

Action Correct the contents of the Software AG IDL file.

00152010 **Unknown command-line argument**

Explanation An unknown or misspelled command-line argument was issued to the command-line interface.

Action Check and correct the command-line argument.

11 Message Class 0020 - EntireX ACI - User Error in the API

This message class is returned when invalid arguments are specified in the API (ACI) or invalid EntireX Broker function sequences are issued. It is usually an error made by the application programmer. The situation can be examined using the error number returned. The messages have the format:

0020*nnnn*

where 0020 is the message class, and

nnnn is the message number in the range 0000 - 9999

00200004 API: No Function Possible After EOC

Explanation The user has tried to access a conversation after finishing it with a previous EOC call.

Action This is a user error. Perhaps an invalid conversation ID was specified. Check the program and correct the error.

00200006 API: Last Message Not Found

Explanation This response is given to a RECEIVE call with OPTION=LAST when no data/messages have yet been received. It is not possible to look at the last message if you have not read the first one.

Action This is a user error. Check the program and correct the error.

00200031	API: Invalid value for :1:
Explanation	This response is given when invalid values for the <code>WAIT</code> or <code>UWTIME</code> or <code>UWSTATP-ADDER</code> fields of the API are specified (for example, non-digits are given or the last character is not one of the valid time units S,M,H).
Action	This is a user error. Check the value for the field in the API of your program.
00200044	API: Invalid error buffer ptr or length
Explanation	The user has set the <code>errtext_length</code> in the Broker control block but has not provided an error buffer.
Action	This is a user error. The user should either provide an error buffer or set the <code>errtext_length</code> to 0.
00200047	API: QUIESCE invalid for Attach Manager
Explanation	Because a service registered with the option <code>ATTACH</code> does not run normal conversations, the <code>DEREGISTER</code> cannot wait for them to finish. In fact, the attachable service is no longer attachable after the <code>DEREGISTER</code>
Action	Do not use the <code>DEREGISTER</code> option <code>QUIESCE</code> for services that are registered as attach manager (option <code>ATTACH</code>)
00200048	API: Already registered with ATTACH
Explanation	An application can register a service either with the option <code>ATTACH</code> or as a normal server (without option <code>ATTACH</code>). The error occurs when an application attempts to do both.
Action	Do not try to register a single server as an attach manager and as a normal server simultaneously
00200052	API: Already registered without ATTACH
Explanation	An application can register a service either with the option <code>ATTACH</code> , or as a normal server (without option <code>ATTACH</code>). The error occurs when an application attempts to do both.
Action	Do not try to register a single server as a normal service and as an attach manager simultaneously.
00200094	API: MSG Truncated To Fit Receive-Buffer
Explanation	The data/message retrieved is larger than the supplied receive buffer. The data/message has been truncated to the actual length given in <code>RECEIVE-LENGTH</code> field of the API if API version 2 or above is used.
Action	See <i>Error Cases</i> under <i>Using Send and Receive Buffers</i> under <i>Writing Applications: Client and Server</i> in the EntireX Broker ACI Programming documentation for information on how to respond to this error code.

00200098	API: Function not possible if LOGON only
Explanation	The performed function is not valid if only a LOGON call has been performed. This applies to a RECEIVE, DEREGISTER or EOC function. They are not allowed right after a LOGON call.
Action	Do not perform the listed function right after a LOGON. Perform a REGISTER before running the DEREGISTER, perform a SEND or a RECEIVE before running an EOC and accept or establish a conversation before running a RECEIVE.
00200134	LOGON required
Explanation	If AUTOLOGON=NO is defined in the attribute file, all participant applications must perform a LOGON call as the very first Broker call and a LOGOFF call when they have finished communicating with the Broker. If the user is using UOW, clients and servers must do a LOGON. If AUTOLOGON=YES and a LOGON is not done, this error will occur when a SEND with OPTION=SYNC is done. See AUTOLOGON under <i>Broker Attributes</i> in the platform-independent administration documentation.
Action	Make LOGON the very first call and LOGOFF the last call. If necessary, define the attribute AUTOLOGON=YES in order to support automatic LOGON. However, the recommended definition is to force an explicit LOGON call.
00200149	No Error Text
Explanation	The broker stub was unable to initialize the environment. <ul style="list-style-type: none"> ■ Under z/OS, the EXX load library was not concatenated to the STEPLIB chain. ■ Under BS2000/OSD, the EXX load library was not assigned to LINK-NAME ETBLIB.
Action	Depends on the operating system: <ul style="list-style-type: none"> ■ z/OS: Make sure the EXX load library is concatenated to the STEPLIB chain. See <i>Step 4: Authorize the Broker STEPLIB Data Sets</i> in the z/OS installation documentation. ■ BS2000/OSD: Make sure the EXX load library is assigned to LINK-NAME ETBLIB. See <i>Linking the Stubs</i> in the BS2000/OSD administration documentation.
00200164	API: USER-ID and TOKEN required
Explanation	USER-ID and TOKEN should be provided for durable subscription.
Action	Supply USER-ID and TOKEN in the Broker control block.

00200166	Invalid OPTION/PUBLID combination
Explanation	The OPTION / PUBLID combination in the API is invalid. For example, a CONTROL_PUBLICATION was issued with OPTION=SETUSTATUS, and no specific publication ID was given.
Action	This is a user error. Check the program and correct the error.
00200180	API: Invalid TOPIC
Explanation	A request was issued and no topic name was specified.
Action	Specify a topic name.
00200181	API: Invalid User-ID
Explanation	The value for the USER - ID field of the API is missing. The USER - ID is a mandatory parameter.
Action	This is a user error. Check the value for the USER - ID field in the API of your program.
00200182	API: Invalid Function
Explanation	The value for the FUNCTION field of the API is invalid.
Action	This is a user error. Check the value for the FUNCTION field in the API of your program.
00200183	API: Invalid CLASS/NAME/SERVICE
Explanation	The service is missing or invalid in a Broker call that requires a service, that is, a REGISTER/DEREGISTER or a SEND/RECEIVE/EOC call with no CONV - ID specified.
Action	This is a user error. Make sure that at least one of the following fields has been provided: SERVER-CLASS, SERVER-NAME or SERVICE. Together, these fields define the service.
00200184	API: Invalid SEND-LENGTH
Explanation	The value for the SEND - LENGTH field of the API is missing.
Action	This is a user error. A SEND call always requires a send-length. Check the program and correct the error.
00200185	API: Invalid FUNCTION/CONVID Combination
Explanation	The value for the CONV - ID field of the API is invalid, missing, or invalid in combination with the desired function.
Action	This is a user error. A SEND/RECEIVE/EOC/UNDO call requires a valid value for the CONV - ID (CID) field. Check the program and correct the error.

00200186	API: Char '.' or ',' not allowed in ACI CB
Explanation	The character fields within the EntireX Broker ACI must not contain the metacharacter '.' or ','. These characters are used as special characters in the communication protocol between the Broker stub and the Broker.
Action	Correct the wrong character in the EntireX Broker ACI.
00200187	API: Invalid FUNCTION/OPTION Combination
Explanation	The FUNCTION / OPTION combination is invalid.
Action	This is a user error. Check the value for the OPTION field in conjunction with the FUNCTION field in the API of your program and correct the error.
00200188	API: Invalid Option
Explanation	The OPTION field of the API contains an unknown value.
Action	This is a user error. Check the value for the OPTION field in the API of your program and correct the error.
00200189	API: Invalid RECEIVE-LENGTH
Explanation	The value for the RECEIVE - LENGTH field of the API is missing. RECEIVE calls and blocked SEND calls always require a valid RECEIVE - LENGTH.
Action	This is a user error. Check the program and correct the error.
00200190	API: Invalid Cmd/Info Services Version
Explanation	The EntireX Broker kernel does not recognize the Command and Information Services API version requested.
Action	This is a user error. Please check the following: <ul style="list-style-type: none"> ■ If you are using ETBINFO, ETBCMD or any other Software AG-provided Command and Information Services application: Check that the version of ETBINFO or ETBCMD is the same or earlier than the version of the Broker kernel. ■ If you are using your own Command and Information Services application: verify that the Command and Information Services API version will work with the version of EntireX. The following table shows the maximum CIS API version for the respective version of EntireX:

Broker/EntireX Version	Max. CIS API Version
ETB 1 or ETB 2	1
EXX 3,4,5,6	2
EXX 7.1	3
EXX 7.2	4
EXX 7.3	5
EXX 8.0 or 8.1	6
EXX 8.2	7
EXX 9.0	8

- A possible cause for this error is a SEND-LENGTH that is too short. Increase this value if necessary.

00200191

API: Invalid OPTION/CONV-ID Combination

Explanation

The OPTION / CONV - ID combination in the API is invalid. For example, a SEND was issued with OPTION=EOC and CONV - ID=NONE or a RECEIVE with OPTION=LAST and no specific conversation ID (CONV - ID) was given.

Action

This is a user error. Check the program and correct the error.

00200192

API: Invalid parameter count

Explanation

More than four pointers have been supplied in the parameter list used to call the Broker stub.

Action

Correct the program. A maximum of four pointers can be supplied.

00200193

API: Invalid FUNCTION/WAIT Combination

Explanation

The FUNCTION / WAIT combination in the API is invalid. A WAIT value in the API can be specified for the SEND, RECEIVE and RECEIVE_PUBLICATION functions only.

Action

This is a user error. Check the program and correct the error.

00200194

API: Invalid OPTION/WAIT Combination

Explanation

The OPTION / WAIT combination in the API is invalid, that is, a SEND with OPTION=EOC, HOLD or SYNC, or a RECEIVE with OPTION=LAST was issued.

Action

This is a user error. Check the program and correct the error.

00200195	API: Deregister not allowed from clients
Explanation	This response is given when a client tries to issue a deregister call to EntireX Broker.
Action	Do not issue a DEREGISTER call for clients. Check the program and correct the error.
00200199	API: Receive/CID=ANY Invalid For Clients
Explanation	A client issued a RECEIVE call for new conversations.
Action	This is a user error. Clients cannot issue a RECEIVE with CONV-ID=ANY because a RECEIVE with CONV-ID=ANY must be preceded by a REGISTER call. Check the program and correct the error.
00200200	API: RECEIVE/CID=NEW Invalid For Clients
Explanation	A client has issued a RECEIVE call for new conversations.
Action	This is a user error. Clients cannot issue a RECEIVE with CONV-ID=NEW because a RECEIVE with CONV-ID=NEW must be preceded by a REGISTER call. Check the program and correct the error.
00200203	API: No RECEIVE -BUFFER Address
Explanation	The address of the receive buffer is missing for the Broker call. That is, a RECEIVE or a blocked SEND was issued without the receive buffer address.
Action	This is a user error. Check the program and correct the error.
00200208	API: Invalid version number
Explanation	One of the following errors occurred: Invalid API -TYPE or API -VERSION supplied by user when calling Broker stub. Invalid version supplied by user in internal control blocks when calling Broker stub. Broker detected an invalid or unsupported prefix version specified by stub. Broker does not support the API -VERSION supplied by user.
Action	This is a user error. Check version of Broker stubs and Broker kernel. Determine the stub version by using function FCT_VERSION. Determine the kernel version by using function FCT_KERNELVERS. Correct API -TYPE or API -VERSION in the Broker control block.
00200210	API: No Send Buffer Address
Explanation	A SEND was issued without the send buffer address. Therefore, no address is given to the Broker stub as the second parameter.
Action	This is a user error. Check the program and correct the error.

00200211	API: No API Control Block Address
Explanation	The ACI control block is missing for the call. No address is given to the Broker stub as the first parameter.
Action	This is a user error. Check the program and correct the error.
00200212	API: (*) In SN/SC/SV Invalid For Function
Explanation	The FUNCTION/SERVICE combination provided by the SERVER-CLASS, SERVER-NAME, and SERVICE fields of the API is invalid. That is, a SEND function is used with an asterisk (*) in any of the SERVICE fields.
Action	This is a user error. Check the program and correct the error.
00200216	API: Invalid BROKER-ID
Explanation	The BROKER-ID field in the API does not contain a valid numeric node ID.
Action	The BROKER-ID in the API should be the same as the BROKER-ID in the Broker attribute file.
00200218	API: Send Or Receive Length Exceed Max
Explanation	The maximum length possible for the send buffer/receive buffer depends on the Broker API version and the transport method (TCP/IP or Entire Net-Work) used, and on the configuration of the EntireX Broker.
Action	<p>Check the API version and the transport method (TCP/IP or Entire Net-Work) used, and the possible maximum length of send buffer/receive buffer for the transport method. See the field SEND-LENGTH of the Broker ACI control block. See SEND-LENGTH under <i>Broker ACI Fields</i>.</p> <p>Check the Broker attribute MAX-MESSAGE-LENGTH. See MAX-MESSAGE-LENGTH under <i>Broker Attributes</i> in the platform-independent administration documentation.</p> <p>A shortage of the attached buffers or the intermediate user buffers may also lead to this error, especially when attribute EXTENDED-ACB-SUPPORT is set to "YES" to allow buffers greater than 32 KB to be transmitted using transport method NET. Check the Broker attributes NABS and IUBL under <i>Adabas SVC/Entire Net-Work-specific Attributes (DEFAULTS=NET)</i> under <i>Broker Attributes</i> in the platform-independent administration documentation.</p>
00200226	API Invalid STATUS
Explanation	The Broker has returned an invalid status.
Action	Contact Software AG support.

00200228	API Invalid CONV-STAT
Explanation	The Broker has returned an invalid conversation status.
Action	Contact Software AG support.
00200229	API Invalid value for STORE
Explanation	There are two possible error sources: <ol style="list-style-type: none"> 1. The application has supplied an invalid value for STORE in the Broker ACI control block. See STORE under <i>Broker ACI Fields</i>. 2. The Broker has returned an invalid value for STORE from the kernel.
Action	In situation 1, ensure that the application assigns only a valid value to the field. In situation 2, contact Software AG support.
00200246	API: Cannot subscribe durable/non-durable
Explanation	A SUBSCRIBE request can be made with option DURABLE. If the user is already subscribed to the topic, the same durability scope must be specified as option. A durable subscriber resubscribes with option DURABLE; a non-durable subscriber resubscribes without option DURABLE. A change of the durability scope requires an UNSUBSCRIBE request.
Action	Apply the correct option.
00200251	API: Invalid FUNCTION/PUBLID combination
Explanation	No publication ID was specified for this CONTROL_PUBLICATION request.
Action	Specify the publication ID.
00200252	CID=NONE required for this service
Explanation	The application tried to start a conversation when issuing an EntireX Broker command operation. The internal service should be used in non-conversational mode only (CID=NONE).
Action	Change your code.
00200267	API: CID=NEW required for this service
Explanation	An INFO service request has been started with CID not equal NEW. Because INFO services are conversational, a new conversation must be started with every initial SEND command. The returning information can be spread across several messages which must be received separately.
Action	Always send INFO requests with CID=NEW.

00200268	API: REGISTER internal service rejected
Explanation	The service that you specified is already registered as an internal service. All service definitions with the class SAG are reserved.
Action	Choose another service name
00200302	EOC error: must back out unit of work
Explanation	EOC commands are not allowed while a UOW is being built.
Action	Do not issue an EOC command before a UOW is committed. This message is for diagnostic purposes only.
00200311	API: Invalid Numeric Field
Explanation	The API field must be numeric.
Action	Correct the field value.
00200312	API: Out of Range
Explanation	The value of a field is incorrect.
Action	Correct the field value.
00200314	API: UOW status invalid
Explanation	Returned status of UOW is not valid.
Action	Check the CONVID and UOWID in the Broker control block.
00200335	No Mixed Message with UOW on the Same CONVID
Explanation	You cannot have UOW and non-UOW messages in the same conversation, that is, the same CONVID.
Action	Check the application and correct the error.
00200336	No Mixed UOW with MSG on the Same CONVID
Explanation	You cannot have UOW and non-UOW messages in the same conversation, that is, the same CONVID.
Action	Check the application and correct the error.

00200362	API: Broker Stub De-Initialized
Explanation	The Broker stub was initialized but had to be de-initialized because none of the shared library pointers (TCP, XTI or ADALNK) was available.
Action	Check for any serious errors that may have caused library cleanup.
00200371	API: Cannot Specify arch w/o codepage
Explanation	You cannot specify a DATA-ARCH to which a codepage applies without also specifying the codepage itself, using LOCALE-STRING.
Action	Check the application and correct the error.
00200372	API: Error converting locale to codepage
Explanation	The locale string sent by a client/server or publish-and-subscribe component could not be mapped to a codepage by the broker's built-in locale string mapping. See <i>Broker's Built-in Locale String Mapping</i> under <i>Locale String Mapping</i> in the internationalization documentation.
Action	Identify the locale string that could not be mapped to a codepage. The value of the LS keyword (LS= <i>locale-string</i>) in the broker trace may be helpful in identifying the erroneous locale string. Please use a valid locale string or define a new mapping in the broker attribute file. See the relevant attribute under <i>locale-string</i> for information on how to customize the mapping of locale strings to codepages.
00200377	API: Character Conversion Overflow
Explanation	The data/message retrieved after character conversion is larger than the supplied receive buffer. Conversion can increase the amount of your data. No data is provided in the receive buffer. The minimum buffer length required to receive the converted data is returned in the RETURN-LENGTH field of the API if API version 2 or above is used. The client or server should reread the message using a larger buffer with the required length.
Action	For RPC components, the error can be ignored because the reread of the message is handled inside the RPC layer. Exception: for older Natural RPC versions it may be necessary to increase the MAX-BUFF parameter. For ACI programming, see <i>Error Cases</i> under <i>Using Send and Receive Buffers</i> under <i>Writing Applications: Client and Server</i> in the EntireX Broker ACI Programming documentation for information on how to respond to this error code.

- 00200379** **API: Inconsistent security installation**
- Explanation** The setting for security in the Broker kernel is different from the settings in one or more of the Broker stubs. Either the Broker kernel and all stubs must be configured to operate with security, or the kernel and all stubs must be configured to operate without security.
- For ACI version 8 and above, this error can be caused by an application not setting the correct value of `KERNELSECURITY` in the EntireX Broker control block field; see `KERNELSECURITY` under *Broker ACI Fields*. The correct value is set automatically by the `KERNELVERS` command and this value must be maintained in the EntireX Broker control block field. If the application is unable or unwilling to perform the `KERNELVERS` command, configure the stub so that the security setting is consistent with the Broker kernel. See `KERNELVERS` under *Broker ACI Functions* and also *Which EntireX Security Solution*.
- Action** Ensure the security settings are consistent for Broker kernel and all the stubs.
-
- 00200380** **Some Characters Could not Be Converted**
- Explanation** When receiving a message, the Broker's `CONVERSION` exit determined that at least one character in the incoming message had no equivalent in the receiver's character set. The possibilities for this incomplete conversion:
- The sender's message contained a data value with no corresponding character in the sender's character set.
 - All the sender's characters are valid, but at least one of them has no corresponding character in the receiver's character set.
- If this condition occurs, the application should consider the received data to be potentially incomplete or missing.
- Action** Ensure that both sender and receiver are using the correct locale string and that all character values being sent have a corresponding character in the receiver's character set.
-
- 00200393** **API: (*) in TOPIC invalid for FUNCTION**
- Explanation** Wildcard ANY is currently not supported as valid topic name.
- Action** Use specific topic name.
-
- 00200400** **Invalid SSL parameter specified**
- Explanation** The Broker ACI call `FCT_SETSSLPARMS` failed due to invalid specifications.
- Action** Check the 2nd parameter of this broker call and the length specified in the Broker ACI control block.

00200401	Invalid value specified for EL
Explanation	Only values of 0, 1 or 2 are valid encryption levels.
Action	Correct the setting in the Broker ACI control block.
00200404	CSLNK is not defined, NET disabled
Explanation	Entire Net-Work transport layer could not be initialized because the cslnk.so shared library could not be loaded.
Action	Set the environment variable <code>CSLNK</code> to point to the cslnk.so library.
00200419	Mismatch of EL and current encryption
Explanation	An inconsistency has been detected. The actual security setting to encrypt the payload buffer does not match the specification of the <code>EL</code> parameter in the current broker call.
Action	Verify the <code>EL</code> parameter in the Broker ACI control block and/or verify the correct installation of the security exit.
00200420	Mismatch of client encryption and ATTR
Explanation	The encryption settings of the EntireX client program do not match the settings in the Broker attribute file.
Action	Check the <code>ENCRYPTION-LEVEL</code> specification in the Broker attribute file and adapt the settings to your client program (with respect to the security setting and/or the <code>EL</code> parameter).
00200421	Mismatch of server encryption and ATTR
Explanation	For servers with API version below 6, a mismatch was found between the current security settings and the <code>ENCRYPTION-LEVEL</code> specification in the Broker attribute file.
Action	Change the security settings: <ul style="list-style-type: none"> ■ Activate / deactivate the security exit on the server side, or ■ Amend the <code>ENCRYPTION-LEVEL</code> specification for this service in the Broker attribute file.
00200422	Server EL and ATTR not identical
Explanation	For servers with API version 6 or above, the setting of <code>EL</code> and the specification for <code>ENCRYPTION-LEVEL</code> in the Broker attribute file is not identical.
Action	Either <ul style="list-style-type: none"> ■ Correct the <code>EL</code> parameter (and security setting) in the server program, or ■ Change the <code>ENCRYPTION-LEVEL</code> for this service in the Broker attribute file.

00200424	SETSSLPARMS only valid for transport=SSL
Explanation	ACI function FCT_SETSSLPARMS was set for a non-SSL Broker connection.
Action	Either change the BROKER-ID to use SSL or do not issue the ACI function FCT_SETSSLPARMS.
00200449	API: Invalid Compress option
Explanation	Compression is supported, but invalid option was specified.
Action	Correct the compress option.
00200450	Error during data compression
Explanation	Compression of the data was attempted, but resulting size was equal to or greater than original data.
Action	The compress option is turned OFF for this transmission of data; data will not be compressed.
00200451	Error during data decompression
Explanation	During a decompress operation, failure occurred; it is most likely the result of insufficient memory for the process.
Action	Increase available memory for process, if possible.
00200452	Unexpected error during comp/decomp
Explanation	Error resulted from a compress or decompress operation, and is not accounted for by errors 0450 or 0451.
Action	Save trace information. Contact Software AG support.
00200453	Decompressed data corrupt
Explanation	When decompressing a compressed data stream, the integrity of the data was compromised.
Action	Save trace and data. Contact Software AG support.
00200454	API: Compression is not available
Explanation	Compression was requested but is not available
Action	Retry the operation without compression.

00200472	API: No PSTORE but durable subscriber
Explanation	A durable SUBSCRIBE request requires an available PSTORE, but the PSTORE is not available.
Action	Option DURABLE is currently not permitted. Please consult your Broker Administrator.
00200478	EOC Error: Still Unread Unit of Work
Explanation	Participant issues the function EOC, but unprocessed UOWs exist for the conversation. The EOC request is rejected.
Action	Read the unprocessed UOWs first and issue function EOC afterwards.
00200482	API: CONV-ID NONE not supported
Explanation	Value NONE is not supported for the requested EntireX Broker function.
Action	Correct application.
00200485	API: User [UN]SUBSCRIBE not allowed
Explanation	ALLOW-USER-SUBSCRIBE=NO was specified and therefore subscribe/unsubscribe must be performed by an administrator.
Action	No action is required.
00200494	Publish and Subscribe not enabled
Explanation	The publish and subscribe subsystem is not enabled due to missing definitions or license issues. Requested EntireX Broker function is rejected.
Action	Contact your Broker Administrator.
00200505	Illegal operation due to wrong UOW type
Explanation	The specified UOWID does not contain a unit of work
Action	Please correct the UOWID.
00200532	API: Error code missing in REPLY-ERROR
Explanation	Stub application did not provide a numeric value in the ERROR-CODE field in Broker control block while making a REPLY_ERROR function call.
Action	Send a valid numeric value in the ERROR-CODE field of the Broker control block.

- 00200533** **API: Invalid error code in REPLY-ERROR**
Explanation Stub application provided an invalid error code in the Broker control block, while making REPLY_ERROR function call. User-defined error codes should not begin with number 8, and should contain only numeric values.
Action Make sure that error code in the Broker control block does not start with '8' and contains only numerals.
- 00200538** **API:Must specify locale to do CONVERSION**
Explanation Receiving application did not provide its codepage information in LOCALE - STRING field of the Broker control block.
Action Supply codepage information in the LOCALE - STRING field of the Broker control block. If you want the broker to supply default codepage information, specify MAP=YES in CONVERSION attribute under DEFAULTS=SERVICE section.
- 00200539** **API: Sender did not specify locale info**
Explanation Sender application did not provide codepage information in LOCALE - STRING field of the Broker control block.
Action Supply codepage information in the LOCALE - STRING field of the Broker control block. If you want the broker to supply default codepage information, specify MAP=YES in CONVERSION attribute under DEFAULTS=SERVICE section.
- 00200540** **API: :1: value truncated**
Explanation The value for RETURN - LENGTH was truncated. This occurs if the value is greater than 99,999,999 and ACI version 8 or below is used.
Action Upgrade to ACI version 9 or above.
- 00200563** **DEREGISTER not completed due to UOWs**
Explanation There are still open units of work that have not been committed, cancelled, or backed out yet. The ACI function DEREGISTER was not completed successfully.
Action Finish the open units of work first before calling DEREGISTER.
- 00200566** **API: Invalid value for COMPRESSION TYPE**
Explanation The supplied value is invalid. Broker supports compression types GZIP and ZLIB.
Action Correct the program to supply a valid value.

00200569	API: Extension data truncated to fit
Explanation	The amount of message extension data to be returned is greater than the value specified under EXTENSION-RECEIVE-LENGTH. Field EXTENSION-RETURN-LENGTH is set to amount of extension data still to be returned.
Action	Set EXTENSION-RECEIVE-LENGTH to value of EXTENSION-RETURN-LENGTH and receive the message again (OPTION=LAST) to receive the remaining associated extension data.
00200613	API: Filter already active
Explanation	Command and Information Services were unable to add a command log filter as the specified filter was already active.
Action	Specify a filter that is not already active.
00200614	API: Filter not found
Explanation	Command and Information Services were unable to delete a command log filter as the specified filter did not exist.
Action	Specify a filter that does exist.
00200639	API: Protected UOWID has been specified
Explanation	An application has specified a protected unit of work ID in an API request. Protected unit of work IDs are 0000000000000000 and 0000000000000001.
Action	Specify a non-protected unit of work ID.
00200801	Unsecure shutdown broker not allowed
Explanation	The user is not authorized to shut down EntireX Broker.
Action	A security violation has occurred. This message and the related user ID are written to the Broker log.
00209400	FUNCTION NOT SUPPORTED
Explanation	An unsupported function (UNDO or DELETE) has been issued.
Action	Check the program and correct the error.

00209401	CONV-ID VALUE NOT SUPPORTED
Explanation	An unsupported value has been specified for the CONV - ID field.
Action	This is a user error. Check the program and correct the error.
00209402	WAIT VALUE NOT SUPPORTED
Explanation	An unsupported value has been specified for the WAIT operand.
Action	This is a user error. Check the program and correct the error.
00209403	OPTION NOT SUPPORTED
Explanation	An unsupported value has been specified for the OPTION field.
Action	This is a user error. Check the program and correct the error.
00209404	xxxxxxx - ADAPTER ERROR
Explanation	An error has occurred in the EntireX Broker Services protocol adapter. Depending on the protocol in use, it may be an SNA sense code or an MQM reason code.
Action	Obtain the error code from the first 8 bytes of the error message (xxxxxxx) or the ADAPTER - ERROR field. Then refer to the appropriate SNA or MQM documentation to determine the actual error.
00209405	INVALID BROKER API REQUEST
Explanation	An unsupported value has been specified for CLASS or SERVICE, e.g., APPC is not specified for CLASS.
Action	This is a user error. Check the program and correct the error.
Action	No action is required.
00209406	CONV-ID REQUIRED FOR DEREGISTER
Explanation	No CONV - ID, or an incorrect CONV - ID, was specified for the DEREGISTER function.
Action	This is a user error. Check the program and correct the error.
00209407	INVALID REMOTE ATTACH FUNCTION
Explanation	OPTION=ATTACH was specified for a function that is not a REGISTER, DEREGISTER, or RECEIVE function.
Action	Check the program and correct the error.

00209410	NO ATTACH REQUESTS AVAILABLE
Explanation	A Remote Attach Manager program has issued a non-blocked RECEIVE request with WAIT=NO, but there are no pending attach requests.
Action	This is an informational message.
00209413	CONV-ID REQUIRED FOR RECEIVE
Explanation	An ACI RECEIVE request has been issued without a valid CONV - ID value. All ACI RECEIVE requests must specify a CONV - ID value.
Action	Check the program and correct the error.
00209416	MODELQ REQUIRES SPECIFIC CONV-ID=
Explanation	An ACI RECEIVE request has been issued by a client program that specified CONVID=OLD or ANY while an MQI MODEL queue was in use.
Action	Change the program to use a specific, existing CONVID, or remove the REPLYTOQ specification from the directory entry.
00209417	INVALID MSGTYPE=, WAIT= COMBINATION
Explanation	A SEND request has been issued with an invalid combination of MSGTYPE=, WAIT= and CONFIRMATION operands. For example, specifying WAIT=YES when sending a DATAGRAM or a REPLY type message is invalid.
Action	Correct the program logic.
00209418	SERVER CANNOT ISSUE SEND CONVID=NONE
Explanation	A server program attempted to issue a SEND request with CONVID=NONE, which is not allowed. Server programs must use a specific CONVID when issuing a SEND.
Action	Correct the program logic.
00209419	INVALID MESSAGE TYPE FOR SERVER SEND
Explanation	A server program attempted to issue a SEND request with MSGTYPE=DATAGRAM or REQUEST, which is not allowed. Server programs are allowed to issue SEND MSGTYPE=REPLY only.
Action	Correct the program logic.

- 00209420** **INVALID MESSAGE TYPE FOR CLIENT SEND**
Explanation A client program attempted to issue a SEND request with MSGTYPE=REPLY, which is not allowed. Client programs are allowed to issue SEND MSGTYPE=REQUEST or DATAGRAM only.
Action Correct the program logic.
- 00209421** **OPT=SYNC INVALID WITH SEND WAIT=**
Explanation A request was issued with OPTION=SYNC and WAIT=YES. It is not possible to issue a "blocking" request (WAIT=YES) within a unit of work.
Action Correct the program logic.
- 00209422** **SYNCPOINT REQUIRES OPTION=COMMIT/BACKOUT**
Explanation A SYNCPOINT request was issued without a valid OPTION= specification. Either OPTION=COMMIT or OPTION=BACKOUT must be specified with the SYNCPOINT function.
Action Correct the program logic.
- 00209423** **MSGID REQUIRED WITH CONVID=ANY/NEW/NONE**
Explanation A client program must use a specific MSGID when issuing a RECEIVE request with CONVID=ANY, NEW, or NONE.
Action Correct the program logic.
- 00209424** **UNIT FIELD OF WORK NOT SUPPORTED**
Explanation An ACI request was received that has specified a value for one of the unit of work fields.
Action Programmer: Ensure no unit of work fields have been specified in the ACI request. If API Version=3 has been specified in the Broker control block (ETBCDEF.H), ensure that the unit of work fields have all been cleared.
- 00209450** **INTERNAL ERROR - GETMAIN FAILED**
Explanation An internal buffer shortage has occurred that prevents the function from executing.
Action Review the JES JOBLOG and external trace for error messages that might give additional information on the problem.

00209451	RECEIVE FAILED - tpname NOT REGISTERED
Explanation	A Remote Attach Manager has issued a <code>RECEIVE</code> request for a TP that is not currently REGISTERED to its <code>SERVICE - ID</code> .
Action	Modify the Remote Attach Manager program to REGISTER this <i>tpname</i> .
00209452	REGISTER REJECTED - function ACTIVE
Explanation	A Remote Attach Manager has issued a REGISTER request for a TPNAME that already issued a REGISTER.
Action	A TPNAME must be unique and can be registered under one and only one <code>SERVICE - ID</code> .
00209453	UNKNOWN FUNCTION REQUESTED function
Explanation	A request was received using the <code>ATTACH-MANAGER DDM</code> , but the request was not a REGISTER, RECEIVE, or DEREGISTER.
Action	Correct the Remote Attach Manager program and retry. The external trace may contain additional information for debugging.
00209454	ENTIREX BROKER SERVICES TERMINATED BY OPERATOR
Explanation	EntireX Broker Services have been shut down by the computer operator.
Action	No action required; normal processing continues.
00209455	function REJECTED, MISSING value
Explanation	A Remote Attach Manager has issued a verb that is invalid.
Action	The message text will contain the function and missing value. Correct the request and retry.
00209456	tpname NOT DEFINED VIA CONTROL OPERATOR
Explanation	A REGISTER request from a Remote Attach Manager is being rejected because of conflicts with Control Operator Interface definitions (<code>RESTRICT - PARTNERS=PROFILE</code> has been specified).
Action	Add the TPNAME in the message to the appropriate local LU definitions and retry the Remote Attach Manager program.

00209457

servername STOPPED BY OPERATOR COMMAND

Explanation

An Attach Manager `RECEIVE` was issued, but the specified `servername` has been stopped by an operator command. The message contains the actual server name.

Action

The Remote Attach Manager Dispatcher program may be restarted after using the `RESUME, D6 servername` operator command to reactivate the `servername`.

12 Message Class 0021 - EntireX ACI - Configuration Error in the Attribute File

This message class is given in case of invalid or missing information in the Broker attribute file. This is mostly a configuration error. The situation can be examined using the error number returned and after correction, the applications can be restarted. The messages have the format:

0021*nnnn*

where 0021 is the message class, and

nnnn is the message number in the range 0000 - 9999

00210013

Value For Keyword Too Long

Explanation

The specified value for a correct keyword in a configuration file (for instance the Broker attribute file) has too many characters. This response arises in the following situations:

1. During broker startup when the global resources defined in the section DEFAULTS=BROKER are read, a wrong value length is detected within this section. The Broker cannot be started.
2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a wrong value length is detected within this service definition. The service cannot be registered.

Action

Correct the value assigned to the keyword in the configuration file.

00210014	Class def missing or invalid
Explanation	The definition of a server class is either missing or invalid.
Action	Either specify a class definition or use the correct values to specify one.
00210015	Max Possible NUM-CLIENT Reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker clients that can be active at one time is reached. A new client cannot be handled until client resources are available again by user timeouts.
Action	Increase NUM-CLIENT (or if CLIENT-NONACT has too high a value, decrease it) in the Broker attribute file.
00210018	Max Possible NUM-SERVER Reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker servers that can be active at one time is reached. New servers are not accepted until server resources are available again, either by deregistrations or user timeouts.
Action	Try to register the server to EntireX Broker later. If the error occurs frequently, increase NUM-SERVER (or if SERVER-NONACT has too high a value for some services, decrease it) in the Broker attribute file.
00210019	TRANSLATION Not Specified
00210023	Unknown Keyword
Explanation	A given keyword in a configuration file (for instance the Broker attribute file) is not known by the Broker. This response arises in the following situations: <ol style="list-style-type: none">1. During broker startup, when the global resources defined in the section DEFAULTS=BROKER are read, a wrong keyword is detected within this section. The Broker cannot be started.2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a wrong keyword is detected within this service definition. The service cannot be registered.
Action	Correct or remove the keyword in the configuration file as appropriate.
00210024	CONV-LIMIT may not be UNLIM
Explanation	The service-specific CONV-LIMIT value is specified with UNLIM. In this special configuration, this is not allowed because the global NUM-CONVERSATION attribute is set to AUTO. See also <i>Broker Resource Allocation</i> in the general administration documentation.
Action	Either change the global NUM-CONVERSATION parameter to a defined value, or change the specific CONV-LIMIT value to a particular value.

00210025	CONV-DEFAULT not spec or UNLIM
Explanation	<p>The global CONV_DEFAULT attribute is either specified as UNLIMIT or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of conversations needed. This situation occurs if</p> <ul style="list-style-type: none"> ■ NUM-CONVERSATION=AUTO and CONV-DEFAULT=UNLIM and there is at least one service that does not assign CONV-LIMIT, or ■ NUM-CONVERSATION=AUTO and CONV-DEFAULT is undefined and there is at least one service that does not assign CONV-LIMIT.
Action	<p>Correct the error in the attribute file. Define NUM-CONVERSATION with a particular value or define CONV-DEFAULT with a particular value or use the CONV-LIMIT attribute for every single service definition.</p>
00210026	Zero Value For Keyword Not Allowed
Explanation	<p>The specified value for a correct keyword a configuration file (for instance the Broker attribute file) must not be zero or null value. This response arises in the following situations:</p> <ol style="list-style-type: none"> 1. During broker startup, when the global resources defined in the section DEFAULTS=BROKER are read, a value of zero or null is detected for a value within this section. The Broker cannot be started. 2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a value of zero or null is detected within this service definition. The service cannot be registered.
Action	<p>Correct the value assigned to the keyword in the configuration file.</p>
00210027	Value For Keyword Out Of Range
Explanation	<p>The specified value for a correct keyword in a configuration file (for instance the Broker attribute file) is out of range. This response arises in the following situations:</p> <ol style="list-style-type: none"> 1. During broker startup when the global resources defined in the section DEFAULTS=BROKER are read, the wrong value is detected for a value within this section. The Broker cannot be started. 2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a wrong value is detected within this service definition. The service cannot be registered.
Action	<p>Correct the value assigned to the keyword in the configuration file.</p>

00210028	Invalid Value For Keyword
Explanation	<p>The specified value for a correct keyword in a configuration file (for instance the Broker attribute file) is wrong. This response arises in the following situations:</p> <ol style="list-style-type: none">1. During broker startup, when the global resources defined in the section <code>DEFAULTS=BROKER</code> are read, a wrong value is detected for a value within this section. The Broker cannot be started.2. When a server tries to register with EntireX Broker and the service definition from the <code>DEFAULTS=SERVICE</code> section is read, a wrong value is detected within this service definition. The service cannot be registered.
Action	<p>Correct the value assigned to the keyword in the configuration file.</p>
00210029	SHORT-BUFF-LIMIT may not be UNLIM
Explanation	<p>The service-specific <code>SHORT-BUFF-LIMIT</code> value is specified with <code>UNLIM</code>. In this special configuration this is not allowed because the global <code>NUM-SHORT-BUFFER</code> attribute is set to <code>AUTO</code>. See also <i>Broker Resource Allocation</i> in the general administration documentation.</p>
Action	<p>Either change the global <code>NUM-SHORT-BUFFER</code> parameter to a defined value, or change the specific <code>SHORT-BUFF-LIMIT</code> value to a particular value.</p>
00210030	SHORT-BUFF-DEF not spec or UNLIM
Explanation	<p>The global <code>SHORT-BUFF-DEF</code> attribute is either specified as <code>UNLIMIT</code> or not specified at all. The error occurs in situation where EntireX Broker cannot calculate the number of short buffers needed. This situation occurs if:</p> <ul style="list-style-type: none">■ <code>NUM-SHORT-BUFFER=AUTO</code> and <code>NUM-SHORT-DEF=UNLIM</code> and there is at least one service that does not assign <code>SHORT-BUFF-LIMIT</code>, or■ <code>NUM-SHORT-BUFFER=AUTO</code> and <code>NUM-SHORT-DEF</code> is undefined and there is at least one service that does not assign <code>SHORT-BUFF-LIMIT</code>.
Action	<p>Correct the error in the attribute file. Define <code>NUM-SHORT-BUFFER</code> with a particular value or define <code>NUM-SHORT-DEF</code> with a particular value or use the <code>SHORT-BUFF-LIMIT</code> attribute for every single service definition.</p>
00210032	LONG-BUFF-LIMIT may not be UNLIM
Explanation	<p>The service-specific <code>LONG-BUFF-LIMIT</code> value is specified with <code>UNLIM</code>. In this special configuration, this is not allowed because the global <code>NUM-LONG-BUFFER</code> attribute is set to <code>AUTO</code>.</p>
Action	<p>Either change the global <code>NUM-LONG-BUFFER</code> parameter to a defined value, or change the specific <code>SHORT-LONG-LIMIT</code> value to a particular value.</p>

00210033	LONG-BUFF-DEF not spec or UNLIM
Explanation	The global LONG-BUFF-DEF attribute is either specified as UNLIM or not specified at all. The error occurs in situation where EntireX Broker cannot calculate the number of long buffers needed. This situation occurs if: <ul style="list-style-type: none"> ■ NUM-LONG-BUFFER=AUTO and NUM-LONG-DEF=UNLIM and there is at least one service that does not assign LONG-BUFF-LIMIT, or ■ NUM-LONG-BUFFER=AUTO and NUM-LONG-DEF is undefined and there is at least one service that does not assign LONG-BUFF-LIMIT
Action	Correct the error in the attribute file. Define NUM-LONG-BUFFER with a particular value or define NUM-LONG-DEF with a particular value or use the LONG-BUFF-LIMIT attribute for every single service definition.
00210034	SERVICE Section missing
Explanation	The DEFAULTS=SERVICE section in the attribute file could not be found.
Action	Correct the etbfile and provide a valid DEFAULTS=SERVICE section. See <i>Service-specific Attributes</i> (DEFAULTS=SERVICE) under <i>Broker Attributes</i> in the platform-independent administration documentation.
00210036	Unknown service attribute
Explanation	An unknown attribute definition was found. Please refer to the entry in a configuration file (for instance the Broker attribute file) in order to find the line and the column where this error occurred.
Action	Correct the broker attribute file and provide valid attribute definitions. See <i>Service-specific Attributes</i> (DEFAULTS=SERVICE) under <i>Broker Attributes</i> in the platform-independent administration documentation.
00210037	Value must be YES or NO
Explanation	The valid values for this attribute are YES or NO only. Please refer to the entry in the log file to find the line and the column where the error happened.
Action	Correct the etbfile and select either YES or NO for the attribute where the error happened
00210038	Error During Open Of File
Explanation	A configuration file (for instance the Broker attribute file) cannot be accessed. This response arises in the following situations: <ol style="list-style-type: none"> 1. During broker startup, when the global resources defined in the section DEFAULTS=BROKER are read, the Broker cannot be started. 2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, this service cannot be used.

- Action** Contact administrator or check for the following causes:
1. No configuration file is allocated to the Broker.
 2. The specified configuration file does not exist.
 3. EntireX Broker has no access to the configuration file, for example for security reasons, or the configuration file is enqueued by another process.
 4. The configuration file has an invalid format for the platform used. Refer to the appropriate Installation documentation.
- 00210040** **Error During Close Of File**
- Explanation** A configuration file (for instance the Broker attribute file) cannot be accessed. This response arises in the following situations:
1. During broker startup, when the global resources defined in the section `DEFAULTS=BROKER` are read, the Broker cannot be started.
 2. When a server tries to register with EntireX Broker and the service definition from the `DEFAULTS=SERVICE` section is read, this service cannot be used.
- Action** Check all causes listed under error 0038, and then the following:
Ensure that no other process has changed the file characteristics of the configuration file.
- 00210043** **Service Definition Not Found**
- Explanation** EntireX Broker did not find the service definition within the attribute file when a service attempted to register.
- Action** Check the service specified in the `CLASS`, `SERVER` and `SERVICE` fields in the API, or make sure the service definition in the Broker attribute file is valid.
- 00210045** **Keyword Value Must Be Numeric**
- Explanation** The specified value for a correct keyword in a configuration file (for instance the Broker attribute file) is wrong, that is, not alphanumeric. This response arises in the following situations:
1. During broker startup, when the global resources defined in the section `DEFAULTS=BROKER` are read, a wrong value is detected for a value within this section. The Broker cannot be started.
 2. When a server tries to register with EntireX Broker and the service definition from the `DEFAULTS=SERVICE` section is read, a wrong value is detected within this service definition. The service cannot be registered.
- Action** Correct the value assigned to the keyword in the configuration file.

00210096	Max Possible NUM-SERVICE Reached
Explanation	The maximum number of EntireX Broker services that can be active at one time is reached. A subsequent service register request is not accepted.
Action	Try again later. If this error occurs frequently, increase the NUM-SERVICE attribute in the section DEFAULTS=BROKER in the Broker attribute file.
00210097	Max possible NUM-TOPIC reached
Explanation	The maximum number of EntireX Broker topics that can be active at one time is reached.
Action	Try again later. If this error occurs frequently, increase the NUM-TOPIC attribute in the section DEFAULTS=BROKER in the Broker attribute file.
00210112	No SUBSCRIBER-STORE assigned
Explanation	A topic is defined as ALLOW-DURABLE=YES but there is no subscriber store defined to save the subscriber data on any store.
Action	Either change the topic attributes to ALLOW-DURABLE=NO, which makes it impossible to make a durable subscription, or set the value of global attribute SUBSCRIBER-STORE to PSTORE. A valid SUBSCRIBER-STORE requires additional attributes for the persistent store type etc.
	Note: The secondary persistent store (SSTORE) feature is no longer available. We recommend you use the PSTORE persistent store to store your subscriber data, by setting Broker-specific parameter SUBSCRIBER-STORE=PSTORE.
00210269	PSTORE required
Explanation	An EntireX Broker call involving PSTORE is requested but EntireX Broker runs with setting PSTORE=NO. Any PSTORE operation is prohibited.
Action	Contact your Broker Administrator.
00210385	Topic definition not found
Explanation	EntireX Broker did not find the topic definition within the attribute file when a topic attempted to subscribe.
Action	Check the topic specified in the TOPIC field in the API, or make sure the topic definition in the Broker attribute file is valid.

- 00210402** **SECURITY/ENCRYPTION-LEVEL mismatch**
- Explanation** A mismatch in the Broker attribute file has been detected: If an ENCRYPTION-LEVEL is specified, then SECURITY must be set to YES.
- Action** Verify that the security exit is present and set SECURITY=YES to enable ENCRYPTION-LEVEL processing.
- Note:** The Broker attribute setting SECURITY=NO cannot be used with any encryption level not equal to 0 (= zero); otherwise the 00210402 error condition will occur when application issues registration command.
-
- 00210414** **SUBSCRIBER-STORE needs PSTORE**
- Explanation** SUBSCRIBER-STORE=PSTORE is defined in Broker attribute file, but PSTORE is set to NO in order to disable the persistent store for this Broker run.
- Action** Set PSTORE=COLD or PSTORE=HOT to run Broker with enabled PSTORE.
-
- 00210415** **NUM-SUBSCRIBER-TOTAL too small**
- Explanation** NUM-SUBSCRIBER-TOTAL must be greater than or equal to NUM-SUBSCRIBER. This parameter is required if SUBSCRIBER-STORE=PSTORE is defined.
- Action** Set NUM-SUBSCRIBER-TOTAL to AUTO or use a value greater than or equal to NUM-SUBSCRIBER.
-
- 00210416** **NUM-TOPIC-TOTAL too small**
- Explanation** NUM-TOPIC-TOTAL must be greater than or equal to NUM-TOPIC. This parameter is required if SUBSCRIBER-STORE=PSTORE is defined.
- Action** Set NUM-TOPIC-TOTAL to AUTO or use a value greater than or equal to NUM-TOPIC.
-
- 00210423** **AUTO/Catch-All Service mismatch**
- Explanation** A mismatch in the broker attribute file has been detected: if the catch-all service has been defined (CLASS= *, SERVER= *, SERVICE = *) then the value of AUTO is not allowed for the NUM-CONVERSATION, NUM-LONG-BUFFER or NUM-SHORT-BUFFER attributes.
- Action** If the catch-all service is defined, make sure the attributes NUM-CONVERSATION, NUM-LONG-BUFFER and NUM-SHORT-BUFFER all have specified values.

00210431	Error during read of file
Explanation	A configuration file (for instance the Broker attribute file) cannot be read.
Action	Make sure that the configuration file is readable and not corrupt.
00210446	ATTR: SERVER-LIMIT may not be UNLIM
Explanation	The service-specific SERVER-LIMIT value is specified with UNLIM. In this special configuration, this is not allowed because the global NUM-SERVER attribute is set to AUTO. See also <i>Broker Resource Allocation</i> in the general administration documentation.
Action	Either change the global NUM-SERVER parameter to a defined value, or change the specific SERVER-LIMIT value to a particular value.
00210447	ATTR: SERVER-DEFAULT not spec or UNLIM
Explanation	The global SERVER-DEFAULT attribute is either specified as UNLIM or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of servers needed. This situation occurs if <ul style="list-style-type: none"> ■ NUM-SERVER=AUTO and SERVER-DEFAULT=UNLIM and there is at least one service that does not assign SERVER-LIMIT, or ■ NUM-SERVER=AUTO and SERVER-DEFAULT is undefined and there is at least one service that does not assign SERVER-LIMIT.
Action	Correct the error in the attribute file. Define NUM-SERVER with a particular value or define SERVER-DEFAULT with a particular value or use the SERVER-LIMIT attribute for every single service definition.
00210459	PUBLICATION-DEFAULT not spec/UNLIM
Explanation	The global PUBLICATION-DEFAULT attribute is either specified as UNLIM or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of publications needed. This situation occurs if <ul style="list-style-type: none"> ■ NUM-PUBLICATION=AUTO and PUBLICATION-DEFAULT=UNLIM and there is at least one topic that does not assign PUBLICATION-LIMIT, or ■ NUM-PUBLICATION=AUTO and PUBLICATION-DEFAULT is undefined and there is at least one topic that does not assign PUBLICATION-LIMIT.
Action	Correct the error in the attribute file. Define NUM-PUBLICATION with a particular value or define PUBLICATION-DEFAULT with a particular value or use the PUBLICATION-LIMIT attribute for every single topic definition.

00210460 PUBLICATION-LIMIT may not be UNLIM

Explanation The topic-specific PUBLICATION-LIMIT value is specified with UNLIM. In this special configuration, this is not allowed because the global NUM-PUBLICATION attribute is set to AUTO. See also *Broker Resource Allocation* in the general administration documentation.

Action Either change the global NUM-PUBLICATION parameter to a defined value, or change the specific PUBLICATION-LIMIT value to a particular value.

00210461 SUBSCRIBER-DEFAULT not spec/UNLIM

Explanation The global SUBSCRIBER-DEFAULT attribute is either specified as UNLIM or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of subscribers needed. This situation occurs if

- NUM-SUBSCRIBER=AUTO and SUBSCRIBER-DEFAULT=UNLIM and there is at least one topic that does not assign SUBSCRIBER-LIMIT, or
- NUM-SUBSCRIBER=AUTO and SUBSCRIBER-DEFAULT is undefined and there is at least one topic that does not assign SUBSCRIBER-LIMIT.

Action Correct the error in the attribute file. Define NUM-SUBSCRIBER with a particular value or define SUBSCRIBER-DEFAULT with a particular value or use the SUBSCRIBER-LIMIT attribute for every single topic definition.

00210462 SUBSCRIBER-LIMIT may not be UNLIM

Explanation The topic-specific SUBSCRIBER-LIMIT value is specified with UNLIM. In this special configuration, this is not allowed because the global NUM-SUBSCRIBER attribute is set to AUTO. See also *Broker Resource Allocation* in the general administration documentation.

Action Either change the global NUM-SUBSCRIBER parameter to a defined value, or change the specific SUBSCRIBER-LIMIT value to a particular value.

00210463 TOPIC Section missing

Explanation The DEFAULTS=TOPIC section in the attribute file could not be found.

Action Correct the etbfile and provide a valid DEFAULTS=TOPIC section. See *Topic-specific Attributes* (DEFAULTS=TOPIC) under *Broker Attributes* in the platform-independent administration documentation.

00210470	AUTO/Catch-All Topic mismatch
Explanation	A mismatch in the broker attribute file has been detected: if a catch-all topic has been defined (example: TOPIC= *), then the value of AUTO is not allowed for the NUM-PUBLICATION, NUM-LONG-BUFFER, NUM-SHORT-BUFFER, or NUM-SUBSCRIBER attributes.
Action	If a catch-all topic is defined, make sure the attributes NUM-PUBLICATION, NUM-LONG-BUFFER, NUM-SHORT-BUFFER, and NUM-SUBSCRIBER all have specified values.
00210474	Durable SUBSCRIBE not allowed
Explanation	TOPIC attribute specifies ALLOW-DURABLE=NO, but application has requested to subscribe durably.
Action	Ensure broker attribute file is consistent with the intention of the application.
00210490	Max possible NUM-PUBLISHER reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker publishers that can be active at one time is reached. A new publisher cannot be handled until publisher resources are available again by user timeouts.
Action	Increase NUM-PUBLISHER (or if PUBLISHER-NONACT has too high a value, decrease it) in the Broker attribute file.
00210491	Max possible NUM-SUBSCRIBER reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker subscribers that can be active at one time is reached. A new subscriber cannot be handled until subscriber resources are available again by user timeouts.
Action	Increase NUM-SUBSCRIBER (or if SUBSCRIBER-NONACT has too high a value, decrease it) in the Broker attribute file.
00210501	TCP-PORT numbers not unique
Explanation	You cannot specify the same PORT number twice for the same HOST.
Action	Specify a different PORT number.
00210547	Max num AUTHORIZATIONRULE reached
Explanation	The maximum number of AUTHORIZATIONRULE entries in the attribute file has been reached. The current maximum number is 16 authorization rules.
Action	Reduce the number of AUTHORIZATIONRULE entries.

00210548	Max num HOST entries reached
Explanation	You cannot specify more than five HOST entries per section.
Action	Reduce number of HOST entries.
00210549	Max num PORT entries reached
Explanation	You cannot specify more than five PORT entries per section.
Action	Reduce number of PORT entries.
00210559	ATTR: TRANSPORT = NET and NUM-CCOM = 0
Explanation	The minimum value NUM-CCOM=1 is required if you want to run the Entire Net-Work communicator on UNIX.
Action	Set NUM-CCOM=1, or higher.
00210564	SSL-PORT numbers not unique
Explanation	You cannot specify the same PORT number twice for the same HOST.
Action	Specify a different PORT number.
00210568	Max num STACK-NAME entries reached
Explanation	You cannot specify more than five STACK-NAME entries per section.
Action	Reduce number of STACK-NAME entries.
00210591	DEFAULTS section missing
Explanation	The broker attribute file is missing a DEFAULTS section. Additional error information will display the section name.
Action	Consult the additional error text and take appropriate action.
00210594	ATTR: Variable not expanded
Explanation	A variable in a configuration file (for instance the Broker attribute file) could not be expanded. Additional error information will display the variable name.
Action	Consult the additional error text and take appropriate action.

00210622	Transport type not supported
Explanation	Transport types SSL or TCP are supported for Broker attribute PARTNER-CLUSTER-ADDRESS.
Action	Adjust the PARTNER-CLUSTER-ADDRESS to use a supported transport type.
00210628	Expect PSTORE=HOT in STANDBY mode
Explanation	The Standby Broker instance must use PSTORE=HOT in order to perform a PSTORE takeover if necessary.
Action	Define PSTORE=HOT for your Standby Broker.
00210629	Expect PSTORE=COLD in LOAD mode
Explanation	The Load Broker (RUN-MODE=PSTORE-LOAD) must use PSTORE=COLD in order to create a new persistent store.
Action	Define PSTORE=COLD for your Load Broker.
00210630	Expect PSTORE=HOT in UNLOAD mode
Explanation	The Unload Broker must use PSTORE=HOT in order to migrate a persistent store.
Action	Define PSTORE=HOT for your Unload Broker.
00210760	PARTNER-CLUSTER-ADDRESS mismatch
Explanation	The PARTNER-CLUSTER-ADDRESS defined in the Standard Broker does not match any of the TCP or SSL transport entries defined in the Standby Broker.
Action	Either adjust PARTNER-CLUSTER-ADDRESS in Standard Broker or start Standby Broker with a matching transport entry.
00210761	PARTNER-CLUSTER-ADDRESS missing
Explanation	There is no PARTNER-CLUSTER-ADDRESS definition in the Standard Broker.
Action	Define PARTNER-CLUSTER-ADDRESS in the Standard Broker to allow running a Standby Broker.
00210762	PSTORE-TYPE mismatch
Explanation	The persistent store defined in Standard Broker and Standby Broker must be exactly the same.
Action	Adjust the attributes for PSTORE-TYPE and the PSTORE specific sections in each Broker attribute file so both Broker instances match.

00210763 PSTORE-TYPE missing

Explanation There is no PSTORE defined in the partner Broker instance.

Action Run the partner Broker with matching persistent store attributes.

00210764 Same PSTORE for UNLOAD and LOAD

Explanation The persistent stores defined in Load Broker and Unload Broker must be different.

Action Adjust the attributes for PSTORE-TYPE and the PSTORE specific sections for both Broker instances. Make sure the Load Broker is assigned to a new persistent store, and your Unload Broker is assigned to the persistent store you wish to unload.

13

Message Class 0022 - EntireX ACI - Translation and Conversion Errors

This message class is given in case of errors in user exits, e.g. translation routines. The situation can be examined via the error number returned, and after correction, the applications can be re-started. The messages have the format:

0022*nnnn*

where 0022 is the message class, and

nnnn is the message number in the range 0000 - 9999

00220046	TRANS: User Error Returned By Routine
Explanation	The translation routine for the service (specified in the service section of the Broker attribute file) has returned an error to EntireX Broker.
Action	Check for the translation routine in use. This is a user error if customer specific translation routines are in use. Contact Software AG support if the translation routine delivered by Software AG is in use.
00220075	TRANS: Failed To Load Routine
Explanation	The user exit that performs translation services could not be loaded. The translation routine for the service is specified by the <code>TRANSLATION</code> parameter for the service in the attribute file. The routine is loaded during <code>RECEIVE</code> calls to the Broker.
Action	Check the log data set for further load failure messages. Possible causes for the failure are: <ol style="list-style-type: none">1. An incorrect name for the translation routine is specified.2. The translation routine is linked incorrectly.3. The translation routine does not reside in a library accessible by the Broker.

- 00220081** **TRANS: Return Len > User Receive-length**
Explanation The return length of the translated string set by the translation routine is greater than the receive length specified in the API by the receiver. Check the translation routine used. The return length given from the translation routine to EntireX Broker must not be set to a value greater than the receive length of the receiver. Check the program and correct the error.
Action Contact the person who is responsible for the translation routine.
- 00220085** **TRANS: Return Length < 0**
Explanation The return length of the translated string set by the translation routine is less than zero. Check the translation routine used. The return length given from the translation routine to EntireX Broker must not be less than zero. Check the program and correct the error.
Action Contact the person who is responsible for the translation routine.
- 00220223** **Error from CONVERSION Routine**
Explanation This message is written to the application if the user translation routine has an error.
Action This is a user error. Check the program and correct the error.
- 00220437** **Some chars unconvertible to target CP**
Explanation Some characters in the sender's message do not exist in the receiver's encoding. Check locale information of the sender of the message.
Action Contact Software AG support and provide locale information of sender and receiver.
- 00220438** **Chars to convert undefined in source CP**
Explanation Some of the characters to be converted are not defined in the source codepage. The data that the participant is sending and the conversion codepage do not correspond.
Action Correct the data being sent.
- 00220439** **PTO Object may be missing in ECSOBJDIR**
Explanation This is an internal error. A conversion object that is needed to convert characters from sender's codepage to receiver's codepage is missing in the path specified by ECSOBJDIR.
Action Contact Software AG support and provide the information under "Conversion Exit Trace" found in broker's log.

00220531	Converter Obj may be missing in ICUDATA
Explanation	The converter name cannot be recognized.
Action	Ensure that the ICU data library (libicudataexx.so on UNIX, icudt32.dll on Windows or IXMI32DA on z/OS) is loadable or contact Software AG support.
00220649	TRANS: User exit returns invalid lengths
Explanation	There is a probable error in external conversion exit. Lengths of payload data after conversion do not match with return code, returned by external exit.
Action	Ensure that CONVERSION (or TRANSLATION) parameter in attribute file (DEFAULTS=SERVICE section) is properly configured. Make sure that the external exit (user-written) is returning right values in the right fields of TRAP structure.
00220650	ATTR: Inval keyword in CONVERSION params
Explanation	There is a syntax error while specifying subparameters in CONVERSION=(. . .) in DEFAULTS=SERVICE section.
Action	Ensure that the various option keywords and their values in CONVERSION are properly spelled. Each <keyword=value> pair must be separated by a ',' delimiter. The last pair is followed by closing parenthesis ')'.

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Message Class 0036 - EntireX ACI - Broker Busy

This message class occurs when EntireX Broker is busy and the operation demanded from the Broker is temporarily unavailable. However, no conversations are lost. The operation can be retried. The messages have the format:

0036*nnnn*

where 0036 is the message class, and

nnnn is the message number in the range 0000 - 9999

00360060	Failed To Get Lock For GCT
Explanation	The EntireX Broker global count table can currently not be accessed. This occurs when short or long message containers are assigned or freed for reuse and a problem arises. This can also occur when long diagnostic messages are to be written to the log data set.
Action	Try again. If the error occurs frequently, contact Software AG support.
00360088	Failed To Get Lock
Explanation	This situation occurs when EntireX Broker is busy and internal resources needed to satisfy the call are currently not available.
Action	Retry the call to EntireX Broker. If this occurs frequently, contact Software AG support.

00360231	Failed To Get Lock For SCB
Explanation	The Broker is busy and the internal resources needed to satisfy the call are currently not available.
Action	Retry the call to EntireX Broker. If this happens frequently, contact Software AG support.
00360329	Cannot Generate New ID
Explanation	The Broker kernel cannot generate a proper physical ID.
Action	Please retry.
00360363	Unable to Get Lock for SAT Create
Explanation	The service attribute table must be locked to create a new entry. The task did not succeed in getting this lock. Since this is a very short time window, it is unlikely to get the error response.
Action	Retry the call to EntireX Broker. If this occurs frequently, contact Software AG support.
00360381	Unable to get lock for PCB Create
Explanation	The Broker is busy and the internal resources needed to satisfy the call are currently not available (due to concurrent attempts to serialize the process of creating a user, a block occurs and the user cannot get logged on).
Action	Retry the call to EntireX Broker. If this happens frequently, contact Software AG support.
00360384	Unable to get lock for TAT Create
Explanation	The topic attribute table must be locked to create a new entry. The task did not succeed in getting this lock. Since this is a very short time window, it is unlikely to get the error response.
Action	Retry the call to EntireX Broker. If this occurs frequently, contact Software AG support.
00360476	Cannot generate new CONVID
Explanation	The Broker kernel cannot generate a proper conversation ID.
Action	Please retry.

00360477

Cannot generate new UOWID

Explanation

The Broker kernel cannot generate a proper unit of work ID.

Action

Please retry.

15 Message Class 0037 - EntireX ACI - Broker Resource

Shortage

This message class is returned when resources to satisfy the EntireX Broker operation are temporarily unavailable. The resource for which the shortage occurred must be determined by examining the error number returned. This situation is also reported in the Broker's log data set. However, no conversations are lost. On the client side, after a reasonable time, the Broker function can be retried. Ensure that no loop has been programmed. The messages have the format:

0037*nnnn*

where 0037 is the message class, and

nnnn is the message number in the range 0000 - 9999

00370041 CONV-LIMIT for service reached

Explanation All resources reserved for that particular service are already in use. No additional resources can be assigned.

Action Wait a while and try again - the resource shortage may have been resolved. If this happens frequently for a particular service, the assigned resources are not sufficient. Add additional resources (conversations) to this service.

00370042 BUFFER-LIMIT for service reached

Explanation All resources reserved for that particular service are already in use. No additional resources can be assigned.

Action Wait a while and try again - the resource shortage may have been resolved. If this happens frequently, for a particular service, the assigned resources are not sufficient. Add additional resources (short or long buffers) to this service.

- 00370057** **ATTR: Shortage For NUM-SHORT-BUFFERS**
- Explanation** This is a resource shortage. Currently, no short message containers are available. Short message containers are used for data/messages shorter than or equal to 2048 bytes.
- Action** Because this is a temporary resource shortage, it makes sense to try the SEND call later in hope that the resource shortage is over. Be careful not to have a loop programmed in this situation. If this occurs frequently, increase the number of short message containers defined in the section DEFAULTS=BROKER with the keyword NUM-SHORT-BUFFER.
-
- 00370061** **ATTR: Shortage For NUM-LONG-BUFFER**
- Explanation** This is a resource shortage. Currently, no long message containers are available. Long message containers are used for data/messages longer than 2048 bytes.
- Action** Because this is a temporary resource shortage, it makes sense to try the SEND call later in hope that the resource shortage is over. Be careful not to have a loop programmed in this situation. If this occurs frequently, increase the number of long message containers defined in the section DEFAULTS=BROKER with the keyword NUM-LONG-BUFFER.
-
- 00370099** **No free timeout queue entry**
- Explanation** EntireX Broker detected an error while searching for a free TOQ entry. There is no TOQ entry for usage.
- Action** Contact Software AG support.
-
- 00370165** **Participant locked by Timeout manager**
- Explanation** The timeout manager is currently using the participant control block to do a cleanup. Therefore, the resource is temporarily locked.
- Action** Retry the call to EntireX Broker.
-
- 00370197** **Reconnect Rejected - User Busy**
- Explanation** This situation occurs only when working with the TOKEN parameter in the API; that is, the user is identified by USER-ID/TOKEN instead of USER-ID/Internal ID. If the user changes the physical location between EntireX Broker calls (e.g. a new session from another terminal), and a call to EntireX Broker from the old session is in progress, the new session retrieves this response. The new session is not accepted.
- Action** Retry the call to EntireX Broker later. To avoid confusion, however, do not have several concurrent sessions with the same TOKEN parameter in the API.

00370230	Max NUM-CONVERSATION Reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker conversations that can be active at any one time has been reached. New conversations will not be accepted until existing ones are ended by EOC calls or timeouts.
Action	Increase NUM-CONVERSATION in the Broker attribute file or check that the timeout settings for CONV-NONACT for the services are not too high.
00370364	Participant Already Active
Explanation	A request was issued while another request was already actively being processed for the same USER-ID/TOKEN combination.
Action	Ensure that there are not two or more active applications specifying the same USER-ID/TOKEN value.
00370365	Service Currently Created
Explanation	The attempt to create a service control block with the same identification at the same time is rejected. Since this is a very short time window, it is unlikely to get the error response.
Action	Retry the call to EntireX Broker. If this occurs frequently, contact Software AG support.
00370366	Participant Currently Created
Explanation	The attempt to create a participant control block with the same identification at the same time is rejected. Since this is a very short time window, it is unlikely to get the error response.
Action	Ensure that there are not two or more active applications specifying the same USER-ID/TOKEN value.
00370367	Topic currently created
Explanation	Broker serializes any request to create a new topic. The topic with the supplied topic name is currently created.
Action	Retry the call to EntireX Broker.
00370390	Max NUM-PUBLICATION reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker publications that can be active at any one time has been reached. New publications will not be accepted until existing ones are acknowledged by all subscribers.
Action	Increase NUM-PUBLICATION in the Broker attribute file.

- 00370417** **PSI: New publications are not allowed**
- Explanation** This is a resource shortage. Currently, new publications are not allowed. This situation can occur when the Broker administrator has issued the CIS command FORBID-NEWUOWMSGS to disallow new UOW and publication messages or the Broker was started with the NEW-UOW-MESSAGES=NO.
- Action** Since this is a resource shortage, it may be take some time before new publication messages are allowed again by the Broker administrator. Be careful not to have a loop programmed in this situation. Retry the call to EntireX Broker later after the Broker administrator has issued the command ALLOW-NEWUOWMSGS to allow new UOW and publication messages.
-
- 00370445** **PSI: New UOW messages are not allowed**
- Explanation** This is a resource shortage. Currently, new UOW messages are not allowed. This situation can occur when the Broker administrator has issued the CIS command FORBID-NEWUOWMSGS to disallow new UOW messages or the Broker was started with attribute NEW-UOW-MESSAGES=NO. See FORBID-NEWUOWMSGS under *Broker CIS Data Structures* in the ACI Programming documentation and NEW-UOW-MESSAGES=NO under *Broker Attributes* in the platform-independent administration documentation.
- Action** Since this is a resource shortage, it may be take some time before new UOW messages are allowed again by the Broker administrator. Be careful not to have a loop programmed in this situation. Retry the call to EntireX Broker later after the Broker administrator has issued the CIS command ALLOW-NEWUOWMSGS to allow new UOW messages. See ALLOW-NEWUOWMSGS under *Broker CIS Data Structures* in the ACI Programming documentation.
-
- 00370448** **SERVER-LIMIT for Service reached**
- Explanation** All servers reserved for that particular service are already in use. No additional servers can be assigned.
- Action** Wait a while and try again; the resource shortage may have been resolved. If this happens frequently for a particular service, the assigned resources are not sufficient. Add additional resources (servers) to this service.
-
- 00370484** **All subscription sessions in use**
- Explanation** The maximum number of 32 RECEIVE-PUBLICATION sessions per subscriber and topic is reached.
- Action** Commit received publications before starting to receive other new publications of that particular topic.

00370486	BUFFER-LIMIT for Topic reached
Explanation	All resources reserved for that particular topic are already in use. No additional resources can be assigned.
Action	Wait a while and try again - the resource shortage may have been resolved. If this happens frequently, for a particular topic, the assigned resources are not sufficient. Add additional resources (short or long buffers) to this topic.
00370489	PUBLICATION-LIMIT for Topic reached
Explanation	All resources reserved for that particular topic are already in use. No additional resources can be assigned.
Action	Wait a while and try again - the resource shortage may have been resolved. If this happens frequently, for a particular topic, the assigned resources are not sufficient. Add additional resources (publications) to this topic.
00370620	Heap overflow
Explanation	The internal heap is exceeded.
Action	Increase the HEAP-SIZE and restart Broker.
00370656	Dynamic pool management not enabled
Explanation	Existing memory pool is full. Dynamic pool management is not enabled.
Action	Request is rejected due to insufficient resources.
00370669	Allocation size is out of range
Explanation	The number of slots for the memory pool exceeds the address space limit.
Action	Change the attribute value. Contact Software AG support if you are not sure about the responsible attribute.
00370670	Slot size is greater than entire pool
Explanation	The requested slot size exceeds the total capacity of the memory pool.
Action	Request is rejected due to insufficient resources. Define an appropriate size for the memory pool to handle such big buffer.

00370671

Requested allocation exceeds MAX-MEMORY

Explanation

The allocation of this pool will exceed MAX -MEMORY and is rejected.

Action

Increase value of Broker-specific attribute MAX -MEMORY, or no action if maximum value was defined correctly. See MAX -MEMORY under *Broker Attributes* in the platform-independent administration documentation.

16 Message Class 0074 - EntireX ACI - No request or Message

Available

This message class is returned when no request or data/message is available for processing. However, no conversations are lost. It occurs only in `SEND` or `RECEIVE` operations in the following situations:

1. The `WAIT` time specified in the ACI has elapsed in blocked operations.
2. A non-blocked operation was issued and no request or data/message was available.

With clients in conversational mode, this response can be followed by a `RECEIVE` operation. We do not recommend retrying too often as the counterpart could be having problems, and so a loop is produced. When a new conversation is started with `SEND` and `CONV-ID=NEW` and this response is retrieved, the service requesting side (client) has a conversation, even if there is no server available. In this case, a `RECEIVE` or an `EOC` operation should follow. In non-conversational mode, the `SEND` operation can be retried, but ensure that no loop is programmed.

For servers retrieving this response is a normal situation when issuing a `RECEIVE` operation for incoming request/conversations. Usually the operation is retried, after reporting a “living message” in the server's log. We do not recommended waiting too long for a specific or old conversation, as the counterpart could be having problems, and servers should not be blocked too long by old conversations.

The messages have the format:

`0074nnnn`

where `0074` is the message class, and

`nnnn` is the message number in the range 0000 - 9999

00740009 Conversation Found - No Message

Explanation The user polled for data/messages within an existing conversation (non-blocked RECEIVE with CONV - ID=*n*) and no data/message is available. However, the conversation still exists.

Action This is an informational message. How the program continues depends on the application.

00740074 Wait Timeout Occurred

Explanation The period specified by the WAIT field in the API has elapsed without any reply or request arriving to satisfy the Broker call. The conversation still exists and can continue.

Action Check the following situations:

1. In a RECEIVE for servers, this is an information message when not waiting for a specific conversation. No request is available for processing. The RECEIVE is normally issued again.
2. When this occurs for a specific conversation, a RECEIVE can be issued to wait again for the data/message, or the conversation can be aborted with an EOC call.
3. When this occurs in a client in non-conversational mode, the call can be retried.
4. Check if the partner is working correctly.

00740300 Conversation found no units of work

Explanation There is no unit of work available to be received in this conversation.

Action This message is for diagnostic purposes only. Make sure that the sender sends and commits at least one unit of work in this conversation.

00740301 Conversation found end of unit of work

Explanation The end of the unit of work was reached for this conversation prior to the last RECEIVE. Usually this means that an extra RECEIVE command was issued.

Action This message is for diagnostic purposes only. Check ACI field UOWSTATUS to see if it indicates that the last RECEIVE for the UOW was processed. See UOWSTATUS under *Broker ACI Fields*.

00740345 Service MAX-UOWS Reached

Explanation You are attempting to send a UOW to a service that already has queued to it the maximum number of UOWs allowed, as specified by the MAX - UOWS attribute.

Action Increase the server's MAX - UOWS attribute or investigate why the server is not receiving and processing UOWs. If you increase the MAX - UOWS attribute, you may need to increase other attributes as well, for example NUM - CONVERSATION, NUM - LONG - BUFFER, NUM - SHORT - BUFFER.

00740346	Service Does Not Support UOW
Explanation	You are attempting to send a UOW to a service that does not accept UOWs, as indicated by MAX-UOWS=0 in the server's attribute definition.
Action	If the server is to handle UOWs, set its MAX-UOWS attribute to an appropriate non-zero value.
00740347	Max. Number of Messages per UOW Reached
Explanation	You are attempting to send a UOW that contains more messages than are allowed by the MAX-MESSAGES-IN-UOW attribute.
Action	If you increase the MAX-MESSAGES-IN-UOW attribute, you may also need to increase other attributes as well, for example NUM-LONG-BUFFER or NUM-SHORT-BUFFER.
00740399	Max messages per publication reached
Explanation	You are attempting to send a publication that contains more messages than are allowed by the MAX-MESSAGES-IN-PUBLICATION attribute.
Action	If you increase the MAX-MESSAGES-IN-PUBLICATION attribute, you may also need to increase other attributes as well, for example NUM-LONG-BUFFER or NUM-SHORT-BUFFER.
00740480	Publication found: end of data
Explanation	All messages for the current publication have been received: there is no more data
Action	Ensure messages belonging to publication have been processed and issue CONTROL_PUBLICATION command, OPTION=COMMIT.
00740481	Publication found: no data
Explanation	The user polled for data/messages within an existing publication (non-blocked RECEIVE with PUBLICATION-ID= <i>n</i>) and no data/message is available. However, the publication still exists.
Action	This is an informational message. How the program continues depends on the application.
00749460	POSITIVE CONFIRMATION RECEIVED
Explanation	CONFIRMATION=COA or COD was specified in the Directory Entry for this server, and a positive confirmation to a previous SEND has been received.

00749461

EXPIRATION REPORT RECEIVED

Explanation

EXPIRATION= specified in the Directory Entry for this server, and a message was sent, but has expired before being delivered to the server.

17

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

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 <code>RECEIVE</code> 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 <i>Broker Attributes</i> in the platform-independent administration documentation.
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 <i>not</i> 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 <i>Broker Attributes</i> in the platform-independent administration documentation.
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	<p>Recommendations:</p> <ul style="list-style-type: none"> ■ Increase NUM-SERVICE. ■ Increase NUM-SERVER. ■ Increase NUM-CLIENTS. <p>Increasing the values will increase the total number of SCBs.</p> <p>To free up the idle SCBs sooner:</p> <ul style="list-style-type: none"> ■ Decrease CLIENT-NONACT. ■ Decrease CONV-NONACT. ■ Set SERVER-NONACT. <p>Decreasing the non-activity timers will cause the inactive resources to be made available to other users.</p> <p>If DYNAMIC-MEMORY-MANAGEMENT is set to YES, this error should no longer occur.</p>

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 information 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 <i>Broker Attributes</i> in the platform-independent administration documentation.
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 <code>NUM-CMDLOG-FILTER</code> attribute and restart the broker kernel.
00780617	Broker is waiting for operational PSTORE
Explanation	Broker was started with <code>WAIT-FOR-ACTIVE-PSTORE=YES</code> 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 <code>BROKER-ID</code> used for the current request does not address a Broker with <code>RUN-MODE=STANDARD</code> .
Action	Change the <code>BROKER-ID</code> to address a Broker with <code>RUN-MODE=STANDARD</code> .
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.

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Message Class 0079 - EntireX ACI - Error in Broker Stub

This message class indicates a problem in the Broker stub being used. Examine the error number and make a correction. Then restart the application. The messages have the format:

0079*nnnn*

where 0079 is the message class, and

nnnn is the message number in the range 0000 - 9999

00790072	STUB: Missing API Terminator Char(.)
Explanation	This is a problem with the Broker stub used by the application. The stub did not send the Broker call in the correct internal format.
Action	Ensure that the correct version of the 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.
00790122	STUB: Invalid :1: value
Explanation	An invalid value is provided in the ACI field :1:.
Action	Correct the value supplied in ACI field :1:.
00790124	STUB: Invalid :1: size
Explanation	The size of ACI field :1: is out of range. This might indicate a transport problem.
Action	Check the value supplied in ACI field :1:. Contact Software AG support if needed.

00790130	STUB: Invalid size of REQ STRING value
Explanation	An internal protocol error has occurred between ACI and EntireX Broker or transmission has been corrupted.
Action	Contact Software AG support.
00790131	STUB: Invalid size of REQ STRING key
Explanation	An internal protocol error has occurred between ACI and EntireX Broker or transmission has been corrupted.
Action	Contact Software AG support.
00790175	STUB: Must utilize Natural Version >= 4
Explanation	The mainframe Assembler stub supports only Natural Version 4 and above.
Action	Use Natural Version 4 or above.
00790202	STUB: Error in SPFX Length
Explanation	This is a problem with the Broker stub used by the application. The stub has not sent the EntireX Broker call in the correct internal format.
Action	Ensure that the version of the Broker stub being used matches the version of the Broker you are accessing. Check the log data set for an image of the internal format. Examine this string for the user issuing the call.
00790170	STUB: Received data greater than RETL
Explanation	An internal inconsistency in the response from the EntireX Broker has been detected: the size of the received data is greater than the return length, that is, the length of the data returned from the application.
Action	Contact Software AG support.
00790204	STUB: Broker response not recognized
Explanation	The stub received a reply that indicates an invalid sender. The received data is rejected.
Action	The BROKER- ID is probably invalid. The addressee does not support the communication protocol of the Broker.

00790205	STUB: Invalid SPFX Offsets
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 Broker stub being used is the correct one. Check the log data set for an image of the internal format. Examine this string for the user issuing the call.
00790206	STUB: Offset Does not Point to Data
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	Check that the Broker stub being used is the correct one. Check the log data set for an image of the internal format. Examine this string for the user issuing the call.
00790207	STUB: No request or reply buffer
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	Check that the Broker stub being used is the correct one. Check the log data set for an image of the internal format. Examine this string for the user issuing the call.
00790209	STUB: Nothing Returned From Broker
Explanation	The Broker returned an invalid internal format to the caller. The length of the returned string is not positive.
Action	Contact Software AG support.
00790214	STUB: Work Space Allocation Failed
Explanation	The EntireX Broker stub cannot allocate the storage needed as a work area.
Action	If you are using a Natural application in a mainframe environment, try to reduce or remove Natural buffers from the Natural space management. Please refer to the appropriate Natural Operations documentation for valid Natural buffer profile parameters such as ASIZE, CSIZE, DSIZE. When issuing the first call from any mainframe Natural platform, a buffer of 33K must be available within Natural space management.
00790219	EXEC CICS LINK PGM=pgm_name RESP=resp/resp2
Explanation	Under CICS, the broker stub received a CICS error=RESP/RESP2 while calling the CICS routine pgm_name (normally ADACICS).
Action	Check the CICS documentation for the meaning of the response codes.

00790225	SPFX Reply Buffer Overflow
Explanation	The reply string could not be generated due to an internal buffer overflow.
Action	Contact Software AG support.
00790227	SPFX Unknown Binary field
Explanation	The Broker kernel has received a command string that contains unknown binary field extensions.
Action	Contact Software AG support.
00790233	STUB: problem with SPFX total length
Explanation	The message from EntireX Broker does not contain the necessary protocol information.
Action	Contact Software AG support.
00790234	Invalid binary field length
Explanation	EntireX Broker received a request with invalid binary protocol parts.
Action	Contact Software AG support.
00790237	STUB: parallel calls are not allowed
Explanation	An application has attempted to call EntireX Broker multiple times simultaneously, either from two different threads or from an asynchronous signal routine.
Action	Avoid calling the Broker stub multiple times. A thread-safe version may be available with one of the next EntireX Broker versions.
00790341	STUB: Transport cannot be initialized
Explanation	<p>z/OS: The C stub SSL transport cannot be initialized. The most likely causes of this are:</p> <ol style="list-style-type: none">1. The application is running on a version of z/OS below z/OS 1.62. The Language Environment POSIX runtime option has the value OFF. <p>Windows: The C stub NET transport cannot be initialized. Entire Net-Work is not installed.</p>
Action	Use an alternative transport mechanism.

00790369	STUB: Unable to Set Up Signal Handler
00790382	STUB: Unable to load or call Broker Stub
Explanation	Broker stub could not be loaded.
Action	Please check environment variable ETBLNK. It should specify the full path name of the Broker stub.
00790571	STUB: Invalid IBM LE version
Explanation	The mainframe C stub requires z/OS version 1.4 or above.
Action	Contact Software AG support.

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Message Class 0196 - EntireX ACI - Disconnected due to new Location

This message class need only be handled when working with the `TOKEN` parameter in the ACI, that is, users are identified by `USER-ID/TOKEN` instead of `USER-ID/internal ID`. When the user changes the physical location while issuing EntireX Broker operations (a new session from another terminal) the old session retrieves this message class. The new session takes over all conversations from the old session.

01960196

Disconnected Due To New Location

Explanation

This situation occurs whenever a user calls the Broker even though a request of this user is already active.

A user is identified by `USER-ID` and `TOKEN`, or if `TOKEN` was omitted, identified by `USER-ID` and an internal ID.

This situation may occur when working with the `TOKEN` parameter in the API. If the user changes the physical location between EntireX Broker calls (e.g., a new session from another terminal), the old session retrieves this response. The new session takes all conversations of the old session.

The situation may also occur with or without the `TOKEN` parameter if a Broker request was stopped by transport timeout (see `ETB_TIMEOUT`) and the old request was still active in Broker.

Action

The program has to be ended.

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Message Class 0215 - EntireX ACI - Connection Error

This message class is returned when EntireX Broker is not available or the data/message transport to EntireX Broker is currently interrupted. Also, configuration problems in EntireX Broker or the communication methods involved can cause this message class. The situation can be examined using the message code returned. See *Adabas Messages and Codes* or the *Entire Net-Work Messages and Codes* documentation. If the error is caused by the Broker Lite Engine (MCI), EntireX Broker error number 0276 is returned to `ERROR-NUMBER`. After correction, the applications can be restarted. For some error codes, specific action can take place. The messages have the format:

0215`nnnn`

where 0215 is the message class, and

`nnnn` is the message number in the range 0000 - 9999

02150126 **Error during RECEIVE request**

Explanation The request received by Broker does not contain the required transport data. It may be caused by requests not intended for Broker.

Action The request is rejected.

02150128 **Work queue full or alloc XWQE failed**

Explanation There is no entry available to process the received user request. This message is issued if the maximum number of work queue elements is reached (see value of `NUM-WQE` attribute).

Action Increase the value of parameter `NUM-WQE`.

02150129	Not enough space for COMMUNICATION POOL
Explanation	Communication pool is too small.
Action	Increase size of the communication buffer (NUM-COMBUF) and retry.
02150148	EntireX Broker not active : (or Transport-Specific Error Text)
Explanation	The requested Broker specified in BROKER-ID is not reachable.
Action	Check the BROKER-ID. If it is correct, check if ETB_TRANSPORT environment variable is defined and if defined, it should point to the desired transport method. If problem persists, contact your network administrator.
02150149	Various Error Text
Explanation	The broker stub was unable to initialize the environment.
Action	The error text describes the problem situation. The necessary action depends on the actual problem description.
02150151	Adabas command queue overflow
Explanation	Adabas command queue overflow.
Action	Increase the size of the NCQE parameter.
02150152	IUBL is too low
Explanation	IUBL is too low and must be increased. Due to the increase of IUBL, it may be necessary to increase NABS, too.
	Note: In other environments, IUBL is also known as LU Size or TRANSFER_UNIT Size.
Action	Increase IUBL.
02150215	NET: Connection Error
Explanation	The same as the Adabas 254 response code. The Adabas documentation states: One of the following has occurred: <ul style="list-style-type: none">■ An internal error occurred during processing of an attached buffer (buffer overflow).■ The CT parameter limit was exceeded. Message ADAM93 (or a similar message) is printed or displayed on the console. If you were running with Entire Net-Work, the leftmost two bytes of the additions 2 field contain the ID of the Entire Net-Work node that issued this response code.
	Note: The Adabas CT parameter corresponds to the EntireX startup parameter TIME.
Action	Consider increasing the EntireX TIME parameter, or otherwise increase resources.

02150255	NET: Connection Error
Explanation	<p>The same as the Adabas 255 response code. The Adabas documentation states:</p> <p>All attached buffers were allocated at the time the command was processed. Buffer allocation (NAB) "high water marks" may not reflect this condition when no buffer allocation occurs. If you were running with Entire Net-Work, the leftmost two bytes of the additions 2 field contain the ID of the Entire Net-Work node that issued this response code.</p>
02150278	User Buffer Too Small
Explanation	<p>Settings for Broker attribute NUM-COMBUF possibly too low. See NUM-COMBUF under <i>Broker Attributes</i> in the platform-independent administration documentation.</p>
Action	<p>Consider increasing the value of NUM-COMBUF. If the problem persists, contact Software AG support.</p>
02150373	Transport Timeout exceeded
Explanation	<p>Connection error. A timeout occurred, based on the value specified in the TRANSPORT-TIMEOUT environment variable (ETB_TIMEOUT) and/or any client-specified wait time. Refer to that variable for more information.</p>
Action	<p>Identify the cause of the timeout and correct it. If the problem remains, contact Software AG support.</p>
02150546	No SSL parameters set for this broker ID
Explanation	<p>ACI function FCT_SETSSLPARMS was not set, The necessary SSL parameters were not issued, and an SSL connection to the Broker was requested.</p>
Action	<p>Issue missing ACI function FCT_SETSSLPARMS, or change the BROKER-ID to not use SSL.</p>
02150572	Remote certificate name mismatch
Explanation	<p>The DN field in the SSL certificate supplied by the broker kernel does not match the hostname part of the broker ID.</p>
Action	<p>Ensure that the broker kernel is configured to use the correct SSL certificate.</p>
02150586	Connection error: work queue exhausted
Explanation	<p>There is no entry available to process the received user request. This message is issued if the maximum number of work queue elements is reached (see value of NUM-WQE attribute).</p>
Action	<p>Increase the value of parameter NUM-WQE.</p>

02150587	Connection error: prefix length invalid
Explanation	Connection error. Broker command prefix length is invalid (internal error).
Action	Contact Software AG support.
02150588	Connection error: API offset invalid
Explanation	Connection error. Broker command API offset is invalid (internal error).
Action	Contact Software AG support.
02150599	::NET: ADALNK unresolved
Explanation	ADALNK or ADAUSER is not linked to the Broker stub. The stub cannot perform the transport call to the Broker kernel.
Action	Link ADAUSER to the stub. See <i>BROKER</i> under <i>Administering Broker Stubs</i> .
02150610	Error during receive of response
Explanation	An internal error occurred while receiving an API request.
Action	Contact Software AG support.
021593xx	any error text
Explanation	An error has been encountered by the EntireX Broker Services adapter.
Action	The actual error is EBV93xx. Check the program and correct the error.
02159404	
Explanation	One of the WebSphere MQ modules could not be found.
Action	Put MQ libraries in the Broker Services steplib or link library.
02159408	various error texts
Explanation	A local program has committed an error. The error text field contains specific error information.
Action	Check the program and correct the error.
02159409	various error texts
Explanation	A remote program has committed an error. The error-text field contains specific error information.
Action	Check the program and correct the error.

02159411

NOTHING TO DEREGISTER

Explanation

A Remote Attach DEREGISTER request has been issued, but either the TPNAME specified in the SERVICE field was not previously registered, or a DEREGISTER was issued with a blank TPNAME and the Remote Attach Manager currently has no TPNAMEs registered.

Action

None.

21

Message Class 0217 - EntireX ACI - Transactionality

The messages have the format:

0217*nnnn*

where 0217 is the message class, and

nnnn is the message number in the range 0000 - 9999

02179999

The shared library for the transactionality feature could not be loaded

Explanation

The specifications in the Broker control block have triggered the transactionality feature, but the appropriate shared library could not be loaded.

Action

Check the fields in the Broker control block or verify that the transactionality library is properly installed.

22 Message Class 0250 - EntireX ACI - Location Transparency

Return Codes

The messages have the format:

0250*nnnn*

where 0250 is the message class, and

nnnn is the message number in the range 0000 - 9999

02500007	LocTrans: ECS conversion error
Explanation	(C components) The conversion of the directory data to UTF-8 failed.
Action	Check the conversion settings (parameter <code>translatekey</code>) and the conversion objects.
02500020	LocTrans: LDAP server connection failure
Explanation	(C components) The connection to the LDAP server failed.
Action	Check name and port of the LDAP server in file <code>xds.ini</code> . Check network connection to the LDAP server.
02500022	LocTrans: LDAP security error
Explanation	(C components) The LDAP server needs security settings.
Action	Check authentication for the LDAP server and authorization for the data on the LDAP server.

02500023	LocTrans: Invalid context parameter
Explanation	(C components) A keyword in the settings of the directory service is wrong.
Action	Check settings in file <i>xds.ini</i> .
02500025	LocTrans: Repository not found
Explanation	(C components) The requested repository or directory is not accessible.
Action	Check name and location of repository (flat file). Check host and port of LDAP directory.
02500026	LocTrans: Invalid directory service
Explanation	(C components) The requested directory service is not valid or not reachable.
Action	Check settings in file <i>xds.ini</i> and check reachability of directory.
02500027	LocTrans: baseDN required for LDAP
Explanation	(C components) The <code>baseDN</code> describes the location of the data in the directory. This <code>baseDN</code> must be present and not NULL.
Action	Check setting of <code>baseDN</code> in file <i>xds.ini</i> .
02500028	LocTrans: authPass required for LDAP
Explanation	(C components) For authenticated access <code>authPass</code> and <code>authDN</code> are needed in file <i>xds.ini</i> .
Action	Check setting of <code>authDN</code> and <code>authPass</code> in file <i>xds.ini</i> .
02500029	LocTrans: LDAP initialization failed
Explanation	(C components) The connection to the LDAP server failed to initialize.
Action	Check settings in file <i>xds.ini</i> and check reachability of directory.
02500030	LocTrans: LDAP server bind failed
Explanation	(C components) The LDAP server is not running or not reachable.
Action	Check if LDAP server is running and configuration (file <i>xds.ini</i>) is correct.

02500060	LocTrans: Logical Name not in directory
Explanation	(C components) The name of the logical service or the logical Broker ID is not found in the directory.
Action	Check with System Management Hub if the name is present in the directory.
02500201	LocTrans: No Broker ID found for <logical name>
Explanation	(Java components) For the <logical name>, no real Broker ID is configured.
Action	Use System Management Hub to configure a real Broker of the logical Broker ID <logical name>.
02500202	LocTrans: No running Broker found for <logical name>
Explanation	(Java components) For the <logical name>, real Brokers are configured, but none of these replies to KERNELVERSION call.
Action	Check if Brokers are up and running.
02500203	LocTrans: Could not resolve logical Broker for <logical name>
Explanation	(Java components) The <logical name> is not found in the directory.
Action	Use the System Management Hub to add this logical Broker ID or change directory.
02500204	LocTrans: Real service not unique for <logical name>
Explanation	(Java components) The logical service for <logical name> exists in the directory, but the configuration is corrupt.
Action	Use System Management Hub to delete this logical service and add it correctly.
02500205	LocTrans: No real service found for <logical name>
Explanation	(Java components) The logical service for <logical name> exists in the directory, but the real service is not configured.
Action	Use the System Management Hub to add the real service to this logical service.
02500206	LocTrans: No logical Broker found for <logical name>
Explanation	(Java components) The logical service for <logical name> exists in the directory, but the logical Broker ID is not configured.
Action	Use the System Management Hub to add the logical Broker ID to this logical service.

- 02500207** **LocTrans: Description of logical service corrupt (<value>) for <logical name>**
Explanation (Java components) The logical service for <logical name> exists in the directory, but the configuration is corrupt.
Action Use the System Management Hub to delete this logical service and add it correctly.
- 02500208** **LocTrans: Error in configuration: <detailed description>**
Explanation (Java components) The directory is not reachable or there is some other error in the configuration.
Action Check the configuration and verify that the directory service is running.
- 02501000** **LocTrans: No logical service specified**
Explanation (C components) The specified logical service could not be found.
Action Check the settings for file *xds.ini*. Verify entries with the System Management Hub Agent "Location Transparency".
- 02501001** **LocTrans: No active Broker found**
Explanation (C components) No active Broker could be located while querying all of the specified Broker IDs for the given logical service.
Action Check the settings for file *xds.ini*. Verify entries with the System Management Hub Agent "Location Transparency".
- 02501002** **LocTrans: EXXLocTrans.dll file not found**
Explanation (C components) The Location Transparency library was not found.
Action Restore the copy of *EXXLocTrans.dll* that was installed when EntireX was installed on the machine. If location transparency has never been used, the stubs may need to be reinstalled on the machine.
- 02501003** **LocTrans: xds.ini file not found**
Explanation (C components) The file *xds.ini* was not found.
Action Restore the previously used copy of *xds.ini* on the machine. If location transparency has never been used, the stubs may need to be reinstalled on the machine.

23

Message Class 0300 - Broker Command Service

The messages have the format:

0300*nnnn*

where 0300 is the message class, and

nnnn is the message number in the range 0000 - 9999

03000000

Command Service successfully completed

Explanation

Command service has completed successfully.

Action

None required.

03000002

Invalid VERSION

Explanation

This response is given when a CIS command request includes an invalid VERSION number in the Command Request Structure.

Action

This is a program error. Contact the owner of the program.

03000003

OBJECT-TYPE missing

Explanation

This response is given when a CIS command request missing a valid OBJECT-TYPE in the Command Request Structure.

Action

This is a program error. Contact the owner of the program.

03000005	Invalid OBJECT-TYPE
Explanation	This response is given when a CIS command request includes an invalid OBJECT-TYPE in the Command Request Structure.
Action	This is a program error. Contact the owner of the program.
03000020	The user is not authorized to issue Broker commands
Explanation	User is not permitted access to Command Services: access denied.
Action	Contact security administrator to ensure that correct privileges are defined.
03000021	Invalid COMMAND
Explanation	This response is given when a CIS command request includes an invalid COMMAND in the Command Request Structure.
Action	This is a program error. Contact the owner of the program.
03000022	Invalid OPTION
Explanation	This response is given when a CIS command request includes an invalid OPTION in the Command Request Structure.
Action	This is a program error. Contact the owner of the program.
03000023	Shutdown possible for servers only
Explanation	Only participants registered as servers can be shutdown.
Action	This is a program error. Contact the owner of the program.
03000024	Participant not found
Explanation	This response is given when a CIS command request includes an invalid participant in the Command Request Structure.
Action	This is a program error. Contact the owner of the program.
03000025	Purge unit of work failed
Explanation	This response is given when a specified unit of work cannot be purged. The unit of work may not exist or may be in an incorrect state.
Action	This is a program error. Contact the owner of the program.

03000026	User specification must be unique
Explanation	The user (user ID and token or user ID and physical user ID) must be unique.
Action	This is a program error. Contact the owner of the program.
03000027	Topic name must be unique
Explanation	The topic name must be unique.
Action	This is a program error. Contact the owner of the program.
03000028	Add subscription failed
Explanation	This response is given when a subscription cannot be added.
Action	This is a program error. Contact the owner of the program.
03000029	Remove subscription failed
Explanation	This response is given when a subscription cannot be removed.
Action	This is a program error. Contact the owner of the program.
03000030	User must be specified
Explanation	Specify the user in the Command Request Structure. The command cannot be completed without the user argument.
Action	This is a program error. Contact the owner of the program.
03000031	Class/Server/Service must be unique
Explanation	The triplet Class, Server and Service must be unique.
Action	This is a program error. Contact the owner of the program.
03000032	Class and Topic cannot both specified
Explanation	Specify Class or Topic in the Command Request Structure. Do not specify both fields.
Action	This is a program error. Contact the owner of the program.
03000033	Class, Topic or User must be specified
Explanation	The Class, Topic or User must be specified in the Command Request Structure.
Action	This is a program error. Contact the owner of the program.

03000034	Set command log filter failed
Explanation	This response is given when a command log filter cannot be set.
Action	This is a program error. Contact the owner of the program.
03000035	Clear command log filter failed
Explanation	This response is given when a command log filter cannot be cleared.
Action	This is a program error. Contact the owner of the program.
03000036	Enable command log filter failed
Explanation	This response is given when a command log filter cannot be enabled.
Action	This is a program error. Contact the owner of the program.
03000037	Disable command log filter failed
Explanation	This response is given when a command log filter cannot be disabled.
Action	This is a program error. Contact the owner of the program.
03000038	Switch command log files failed
Explanation	This response is given when the command log output files cannot be switched.
Action	This is a program error. Contact the owner of the program.
03000039	Set security trace level failed
Explanation	This response is given when the security trace level cannot be set.
Action	This is a program error. Contact the owner of the program.
03000040	Set PSF trace level failed
Explanation	This response is given when the persistent store trace level cannot be set.
Action	This is a program error. Contact the owner of the program.
03000041	Enable command logging failed
Explanation	This response is given when command logging cannot be enabled.
Action	This is a program error. Contact the owner of the program.

03000042	Disable command logging failed
Explanation	This response is given when command logging cannot be disabled.
Action	This is a program error. Contact the owner of the program.
03000043	Connect PSTORE failed
Explanation	This response is given when the persistent store cannot be connected.
Action	This is a program error. Contact the owner of the program.
03000044	Disconnect PSTORE failed
Explanation	This response is given when the persistent store cannot be disconnected.
Action	This is a program error. Contact the owner of the program.
03000045	Allow new UOW messages failed
Explanation	This response is given when new unit of work messages cannot be allowed.
Action	This is a program error. Contact the owner of the program.
03000046	Forbid new UOW messages failed
Explanation	This response is given when new unit of work messages cannot be forbidden.
Action	This is a program error. Contact the owner of the program.
03000047	Enable accounting failed
Explanation	This response is given when accounting cannot be enabled.
Action	This is a program error. Contact the owner of the program.
03000048	Disable accounting failed
Explanation	This response is given when accounting cannot be disabled.
Action	This is a program error. Contact the owner of the program.
03000049	Reset user failed
Explanation	CIS command CMD_RESET_USER failed. Broker kernel is not running with Security.
Action	No action required.

03000050	Command refused in current RUN-MODE
Explanation	CIS command refused. Broker is running with special RUN-MODE that prohibits the execution of the specified command.
Action	No action required.
03000051	Service must be specified.
Explanation	tbd
Action	tbd
03000052	Service not found.
Explanation	tbd
Action	tbd
03000053	CONVID must be specified.
Explanation	tbd
Action	tbd
03000054	Conversation not found.
Explanation	tbd
Action	tbd
03000055	Cannot inhibit Conversation.
Explanation	tbd
Action	tbd
03000056	Only supported for messages.
Explanation	tbd
Action	tbd
03000057	Cannot lock Conversation.
Explanation	tbd
Action	tbd

03000058 **Not for currently running Conversation.**
Explanation tbd
Action tbd

03000059 **Security violation detected.**
Explanation tbd
Action tbd

03000060 **Invalid transport ID.**
Explanation tbd
Action tbd

03000061 **Cannot execute command.**
Explanation tbd
Action tbd

03000062 **Command ignored. Only one Communicator left.**
Explanation tbd
Action tbd

03000063 **Command ignored. Cannot stop all Communicators.**
Explanation tbd
Action tbd

03000064 **Communicator currently not suspended.**
Explanation tbd
Action tbd

03000065 **Communicator currently not stopped.**
Explanation tbd
Action tbd

03000066 **Communicator currently not active.**

Explanation tbd

Action tbd

03000067 **Enable Dynamic Worker Management failed.**

Explanation tbd

Action tbd

03000068 **Disable Dynamic Worker Management failed.**

Explanation tbd

Action tbd

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Message Class 0301 - Broker Information Service

The messages have the format:

0301*nnnn*

where 0301 is the message class, and

nnnn is the message number in the range 0000 - 9999

03010000	Information Service successfully completed
Explanation	Information service has completed successfully
Action	None required.
03010001	Invalid BLOCK-LENGTH
Explanation	This response is given when a CIS information request includes an invalid BLOCK-LENGTH in the Information Request Structure.
Action	This is a program error. Contact the owner of the program.
03010002	Invalid VERSION
Explanation	This response is given when a CIS information request includes an invalid VERSION in the Information Request Structure.
Action	This is a program error. Contact the owner of the program.

03010003	OBJECT-TYPE is missing
Explanation	This response is given when a CIS information request does not include a valid OBJECT-TYPE in the Information Request Structure.
Action	This is a program error. Inform the owner of the program.
03010004	Nothing was found for this request
Explanation	No data found for this request.
Action	None required.
03010005	Invalid OBJECT-TYPE
Explanation	This response is given when a CIS information request includes an invalid OBJECT-TYPE in the Information Request Structure.
Action	This is a program error. Inform the owner of the program.
03010006	Invalid INFO-LEVEL
Explanation	This response is given when a CIS information request includes an invalid INFO-LEVEL in the Information Request Structure.
Action	This is a program error. Inform the owner of the program.
03010007	BLOCK-LENGTH too short for OBJECT-TYPE
Explanation	This response is given when a CIS information request includes a too short BLOCK-LENGTH for the object specified in OBJECT-TYPE.
Action	This is a program error. Inform the owner of the program.
03010008	User selection must be unique
Explanation	The user (user ID and token or user ID and physical user ID) selection must be unique.
Action	This is a program error. Inform the owner of the program.
03010009	Service selection must be unique
Explanation	The service selection must be unique.
Action	This is a program error. Inform the owner of the program.

03010010	Topic selection must be unique
Explanation	The topic selection must be unique.
Action	This is a program error. Inform the owner of the program.

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Message Class 0302 - Configuring and Controlling Service

The messages have the format:

0302*nnnn*

where 0302 is the message class, and

nnnn is the message number in the range 0000 - 9999

Messages of class 0302 are caused by the Administration Service or related components. The messages can appear in the System Management Hub or in the log file of the Administration Service. The Broker Agents of System Management Hub can replace messages of class 0302 with their own messages or dialogs.

03020000	Admin Service successfully executed
Explanation	The Administration Service action has completed successfully.
Action	None.
03020001	Invalid arguments
Explanation	The Administration Service has detected invalid or missing arguments.
Action	Contact Software AG support.
03020002	Rule name missing
Explanation	The name of an authorization rule was not specified.
Action	Check and correct the corresponding field in SMH or the RPC program.

03020003	Service or topic name missing
Explanation	The name of a service service or topic was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020004	Class name wrong or missing
Explanation	The name of a class was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020005	Server name wrong or missing
Explanation	The name of a server was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020006	Service name wrong or missing
Explanation	The name of a service was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020007	Topic name wrong or missing
Explanation	The name of a topic was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020008	User name wrong or missing
Explanation	The name of a user was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020009	Set name wrong or missing
Explanation	The name of a set was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020010	Logical broker name wrong or missing
Explanation	The name of a logical broker was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.

03020011	Real broker ID list wrong or missing
Explanation	The name of a real broker ID list was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020012	Logical service name wrong or missing
Explanation	The name of a logical service was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020013	Class/server/service name wrong or missing
Explanation	The name of a class/server/service was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020014	Logical broker list wrong or missing
Explanation	The logical broker list was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020015	Broker name wrong or missing
Explanation	The name of the broker was not specified or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020016	TCP port duplicate or wrong value
Explanation	The name of the TCP port is duplicate or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020017	SSL port duplicate or wrong value
Explanation	The name of the SSL port is duplicate or is invalid.
Action	Check and correct the corresponding input field in SMH.
03020018	Transport wrong or missing
Explanation	The transport was not specified or is missing.
Action	Check and correct the corresponding input field in SMH.

- 03020019 Create key failed**
Explanation A new key could not be added to the Administration Service data file.
Action Check the file *config/xds.ini* and any directory services that were used. If you are using LDAP, it is possible that the LDAP server is no longer accessible.
- 03020020 Celete key failed**
Explanation A key could not be removed from the Administration Service data file.
Action Check *config/xds.ini* and any directory services that were used. If you are using LDAP, it is possible that the LDAP server is no longer accessible..
- 03020021 Get value failed**
Explanation The value of a key could not be determined from the Administration Service data file.
Action Check *config/xds.ini* and any directory services that were used. If you are using LDAP, it is possible that the LDAP server is no longer accessible..
- 03020022 Set value failed**
Explanation Write access to Administration Service data was not successful.
Action Check *config/xds.ini* and any directory services that were used. If you are using LDAP, it is possible that the LDAP server is no longer accessible..
- 03020023 Could not create Broker**
Explanation The broker could not be created. The Administration Service tried to create a directory in the EntireX directory 'config/etb/' and to store the attribute file in this directory.
Action Check the permission of *config/etb* or any directory created.
- 03020025 Could not open attribute file ETBnnn.ATR**
Explanation The attribute file *config/etb/etbnn.atr* could not be opened.
Action Check the permissions for file *config/etb/ETBnnn.ATR*.
- 03020028 Administration Service internal error**
Explanation The Administration Service has detected an internal error.
Action Contact Software AG support.

03020029	Not yet implemented
Explanation	The function that was called has not yet been implemented.
Action	None.
03020031	Out of memory
Explanation	A storage request of the Administration Service failed.
Action	Check whether sufficient system resources are available.
03020032	Value buffer too small
Explanation	The Administration Service has detected an internal error.
Action	Contact Software AG support.
03020033	Key already exists
Explanation	The key already exists in the data file. An attempt was made to re-create a broker that already exists.
Action	None; SMH issues a suitable message.
03020034	Duplicate value
Explanation	The Administration Service has detected an internal error.
Action	None; the problem was solved by internal programming.
03020035	Could not start process
Explanation	A process could not be started.
Action	Check the log files of the process to be started. The EntireX directory config/etb/ contains the working directory of all local brokers. For example, if an attempt was made to start broker ETB001, all log files for ETB001 are in directory ETB001. The file with suffix ".etbsrv" provides information on the failed process.
03020036	Could not start process as user
Explanation	A process could not be started.
Action	Check the log files of the process to be started. The EntireX directory config/etb/ contains the working directory of all local brokers. For example, if an attempt was made to start broker ETB001, all log files for ETB001 are in directory ETB001. The file with suffix ".etbsrv" provides information on the failed process.

03020037	Broker is already started
Explanation	A process could not be started because it was already active.
Action	None.
03020038	Could not find service in data file
Explanation	The broker or service was not found in the data file or LDAP.
Action	None; error processing is handled by SMH.
03020045	Administrator session timed out
Explanation	The administrator session has expired.
Action	Repeat the failed operation with valid credentials.
03020046	Invalid command
Explanation	Invalid RPC command.
Action	Broker SMH agent error, contact Software AG support.
03020047	Broker already exists
Explanation	The Broker already exists.
Action	Change the name of the broker in SMH.
03020048	Duplicate ports not allowed
Explanation	Duplicate port numbers are not allowed.
Action	Change the port number in SMH.
03020049	BROKER-ID wrong or missing
Explanation	No broker ID or an invalid ID was passed to the Administration Service.
Action	Reenter the Broker ID in SMH; do not use special characters.
03020050	CIS Information service request failed
Explanation	A broker CIS information request failed.
Action	If the target broker has started, check its log file. For detailed information, it may be necessary to increase the trace level.

03020051	CIS Command service request failed
Explanation	A broker CIS command request failed.
Action	If the target broker has started, check its log file. For detailed information, it may be necessary to increase the trace level.
03020052	Internal error invalid control block
Explanation	Internal error; an invalid control block was detected.
Action	Contact Software AG support.
03020053	Invalid credentials
Explanation	Invalid credentials were used to access the Administration Service. This message can be given after a change of password.
Action	Log off SMH and log on again.
03020054	Broker is already stopped
Explanation	An attempt was made to stop a broker that has not started.
Action	None.
03020055	Internal error invalid values
Explanation	Internal error. A broker with invalid data was found.
Action	Contact Software AG support.
03020056	SSL parameters too long for para string
Explanation	The length of the SSL parameters exceeds the maximum permitted.
Action	Correct the SSL parameters in SMH.
03020057	Copy text file failed
Explanation	A text file (e.g. attribute file or SSL certificates) could not be copied by the Administration Service.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details of the failed copy attempt.

03020058	SSL certificate or key file not found
Explanation	The SSL certificates could not be found in the EntireX directory <i>config/etb/</i> .
Action	Create your own SSL certificates and make available in the EntireX directory <i>config/etb/</i> .
03020059	Could not write attribute file
Explanation	The attribute file could not be created by the Administration Service.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details of the failed write or copy attempt.
03020060	Forbidden character in file name
Explanation	The Administration Service checks the broker name for illegal characters. Broker ID, directory and file names are generated automatically from the broker name. This error message is issued if the broker name contains invalid special characters.
Action	Correct the broker name in SMH.
03020061	Could not open file
Explanation	A file could not be opened.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details on the failed access attempt.
03020062	Remote Broker already exists
Explanation	An attempt was made to add an existing broker instance.
Action	Correct the broker name or the remote broker ID in SMH.
03020063	File not found
Explanation	A file could not be found, or invalid permissions.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details on the failed access attempt.
03020064	Download error
Explanation	Reserved for future use.
Action	None.

03020065	Upload error
Explanation	Reserved for future use.
Action	None.
03020066	Could not read file
Explanation	The read access to a file failed.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details on the failed access attempt.
03020067	Could not write file
Explanation	The write access to a file failed.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details on the failed access attempt.
03020068	Invalid attribute file
Explanation	The contents of the attribute file is invalid. This error can occur when an attribute file is being migrated.
Action	Add the broker manually, using SMH.
03020069	Could not write attribute file
Explanation	The write access to an attribute file failed.
Action	In the Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details on the failed access attempt.
03020070	Internal error
Explanation	General internal error of the Administration Service.
Action	Contact Software AG support.
03020071	Could not open attribute file
Explanation	The attribute file of a newly created broker could not be opened for writing.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details on the failed access attempt.

03020072	Could not open attribute file for ETBSRV
Explanation	The Administration Service could not open its own attribute file. The error can only occur during installation.
Action	The Administration Service log in the EntireX directory <i>config/etb/ETBSRV/</i> contains details on the failed access attempt.
03020073	Request timeout occurred
Explanation	A request to start, stop or restart a broker could not be performed within a defined period. This error can occur if a broker process is stopped immediately due to an error in the broker attribute file.
Action	Check the broker log file.
03020074	Access denied by Security Facility
Explanation	The Broker Administration Service security has returned an error. The user is not authorized to use the command line utility of the Broker Administration Service.
Action	A security violation has occurred. This message and the related user ID are written to the Broker Administration Service log.
03020083	Data file: parameter error
Explanation	Internal Error.
Action	Contact Software AG support.
03020084	Data file: out of memory
Explanation	There is not enough memory available to read in the data file.
Action	Check whether sufficient system resources are available.
03020085	Data file: file I/O error
Explanation	A read/write operation on the data file failed.
Action	Determine the cause of the error and correct it. File <i>config/xds.ini</i> contains detailed information on the data file. Possible source of error: <ul style="list-style-type: none">■ no free memory on the data medium.■ insufficient permission■ data medium defective

03020086	Data file: internal error
Explanation	An internal error was detected.
Action	Contact Software AG support.
03020087	Data file: invalid parameter string
Explanation	Internal Error.
Action	Contact Software AG support.
03020088	Data file: invalid directory service
Explanation	A parameter <code>dirservice=</code> in file <code>config/xds.ini</code> contains an invalid value.
Action	Check all parameters <code>dirservice=</code> . Valid values are "FLATDIR" and "LDAPDIR".
03020089	Data file: LDAP initialization failed
Explanation	A connection to the LDAP server could not be established.
Action	Check the hostname and port number in file <code>config/xds.ini</code> .
03020090	Data file: LDAP server bind failed
Explanation	A connection to the LDAP server could not be established.
Action	Check the LDAP parameters, including password in file <code>config/xds.ini</code> .
03020091	Data file: duplicate key
Explanation	An attempt was made to add an existing key.
Action	None.
03020092	Data file: invalid key name
Explanation	An attempt was made to use an invalid key name.
Action	None.
03020093	Data file: generic LDAP error
Explanation	An error occurred when trying to access LDAP.
Action	Check the network connection to the LDAP server and the LDAP installation.

03020094	Data file: duplicate values
Explanation	Duplicate or multiple values were detected.
Action	None.
03020095	Data file: corrupt data file
Explanation	The data file is corrupt. The internal structure was damaged.
Action	Determine the data file using <i>config/xds.ini</i> and replace the data file with a backup. If no backup exists, delete the file and add authorization rules again. The data of the Administration Service will be automatically re-generated when the data file is deleted.
03020097	Data file: no data
Explanation	No data exists in the data file or LDAP.
Action	None.
03020098	Data file: no such key
Explanation	The key that was searched for does not exist in the data file or LDAP.
Action	None.
03020100	Data file: xds.ini file not found
Explanation	The file <i>config/xds.ini</i> was not found.
Action	Add a new file <i>config/xds.ini</i> .
03020102	Data file: invalid parameter
Explanation	Internal Error.
Action	Contact Software AG support.
03020104	Data file: insufficient memory
Explanation	Not enough memory available to read the data file.
Action	Check whether sufficient system resources are available.
03020105	Data file: internal error
Explanation	Internal Error.
Action	Contact Software AG support.

03020106	Data file: duplicate values
Explanation	Duplicate or multiple values were detected.
Action	None.

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Message Class 0400 - Direct RPC

This message class contains messages that can occur with Direct RPC. The messages have the format:

0400*nnnn*

where 0400 is the message class, and

nnnn is the message number in the range 0000 - 9999

04000001	Exception during processing call: <exception text>
Explanation	An unexpected error occurred during processing of a call from an RPC client or server.
Action	Check the exception text for details.
4000002	Transport session not active
Explanation	A call happens on an adapter connection although this connection instance is disabled.
Action	Contact Software AG support.
04000003	Invalid usage of Direct RPC (<class/server/service>)
Explanation	An RPC client sends a request to an RPC server using Direct RPC. This is not supported.
Action	Change your application setup so that <ol style="list-style-type: none">1. an RPC client sends a request to a Direct RPC listener, or2. a Direct RPC adapter service sends a request to an RPC server.

- 04000004** **Invalid register: replicate from different transport (<class/server/service>)**
Explanation Both a listener and an RPC server try to register using the same class/server/service name. This is not supported.
Action Change your application so that only listeners or RPC servers register for the same class/server/service name.
- 04000005** **Send with wait not possible for servers (<class/server/service>)**
Explanation An RPC server issues a synchronous send command, which is not supported.
Action Check your configuration: for example, an ACI server might be using Direct RPC.
- 04000006** **Send with no wait not possible for clients (<class/server/service>)**
Explanation An RPC client issues an asynchronous send command, which is not supported.
Action Check your configuration: for example, an ACI client might be using Direct RPC.
- 04000007** **Receive not possible for clients (<class/server/service>)**
Explanation An RPC client issues a receive command, which is not supported.
Action Check your configuration: for example, an ACI client might be using Direct RPC.
- 04000008** **Direct RPC not started**
Explanation An adapter service or a listener issues a call using Direct RPC, but the Direct RPC component is not started.
Action Start the Direct RPC component, or ignore error if stopping of Direct RPC is intended.
- 04000010** **Command Service error: <detailed message>**
Explanation An error occurred while processing a Command Service request.
Action See error message for details.
- 04000011** **Compression not supported**
Explanation The compression feature is not supported.
Action Disable compression (use value "NO_COMPRESSION") on the RPC client or RPC server.

04000012	Publish and Subscribe not supported
Explanation	The Publish and Subscribe functionality is not supported.
Action	Change your application.
04000013	Character set for <character set type> not available
Explanation	No character set is available for an RPC call.
Action	Contact Software AG support.
04000014	Encoding LS=<char set name> not supported
Explanation	The specified character set is not available. Only character sets supported by the Java JVM can be used.
Action	Change the configuration of the RPC client or server.
04000015	<error message>
Explanation	An error during character set conversion.
Action	See error message for details.
04000017	Information Service error: <detail message>
Explanation	An error occurred while processing an Information Service request.
Action	See error message for details.

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Message Class 0800 - webMethods EntireX Adapter

Messages are logged with message class 0800. In the Administrator, section **Settings > Logging** you find the logging settings in the tree for Adapters. See the *webMethods Integration Server Administrator's Guide* for changing the logging settings.

The messages have the format:

0800nnnn

where 0800 is the message class, and

nnnn is the message number in the range 0000 - 9999

08000212	WmEntireX: exception during register: <exception detail>
Explanation	An error occurred during REGISTER call. This can happen when an adapter listener starts.
Action	Use exception detail to fix. This is typically a configuration issue.
08000213	WmEntireX: exception during receive: <exception detail>
Explanation	An error occurred during RECEIVE call in an adapter listener.
Action	Use exception detail to fix.
08000219	WmEntireX: connection.receive: unknown server command <actual command>
Explanation	<actual command> was send to the adapter listener. This is unknown and cannot be handled.
Action	Change command. The only known command is PING.

08000220	WmEntireX: connection.receive: conversational call <actual packet type> rejected
Explanation	The adapter listener does not support conversational RPC.
Action	Use non-conversational calls.
08000221	WmEntireX: connection.receive: illegal packet type <actual packet type>
Explanation	The adapter listener received an illegal packet type.
Action	Change your RPC client to send valid packet types.
08000229	WmEntireX: unsupported RPC protocol version: <actual protocol version>
Explanation	The RPC client is sending an old protocol version that is not supported by the adapter listener.
Action	Update your RPC client.
08000246	WmEntireX: Some programs not found in COBOL metadata, expected library: <library name>, actual: <actual library name>, programs not found: <expected program names>
Explanation	The COBOL metadata of the connection is not consistent.
Action	Re-generate your connection and the adapter services.
08000300	WmEntireX: exception during processing notification result: <exception details>
Explanation	The adapter listener trapped into an exception while processing the result of the notification execution.
Action	Use exception details to fix.
08000310	WmEntireX: listener.processNotificationResults error: <error details>
Explanation	The Integration Server runtime reported an error during notification.
Action	Use error details to fix.
08000333	WmEntireX: exception during syncListener.runNotification: <exception details>
Explanation	The adapter listener trapped into an exception while processing a notification event.
Action	Use exception details to fix.

08000401	WmEntireX: no program info for <program name> found in metadata info
Explanation	The metadata for this connection does not contain necessary info for this program.
Action	Re-create this connection.
08000402	WmEntireX: illegal program info for <program name> found in metadata info, length=<number of info blocks for the program>
Explanation	The metadata for this connection does not contain consistent info for this program.
Action	Re-create this connection.
08000403	WmEntireX: illegal program info for <program name> found in metadata info, length(headerInfos)=<number of info blocks for the program header>
Explanation	The metadata for this connection does not contain consistent info for this program.
Action	Re-create this connection.
08000404	WmEntireX: exception while processing metadata info: <exception details>
Explanation	The metadata for this connection does not contain consistent info for this program.
Action	Re-create this connection.
08000420	WmEntireX: exception while reading metadata info: <exception details>
Explanation	The metadata for this connection is not readable.
Action	Re-create this connection. Use exception details to fix.
08000421	WmEntireX: metadata info cannot be empty
Explanation	The metadata for this connection is empty.
Action	Re-create this connection.
08000422	WmEntireX: no library name found in metadata info
Explanation	The metadata for this connection does not contain an IDL library name.
Action	Re-create this connection.
08000423	WmEntireX: no programs found in metadata info
Explanation	The metadata for this connection does not contain an IDL program name.
Action	Re-create this connection.

- 08000424** **WmEntireX: no information found for program <program name>**
Explanation The metadata for this connection does not contain the signature information for <program name>.
Action Re-create this connection.
- 08000441** **Illegal value of type <actual type>, <expected type> expected**
Explanation The actual parameter type provided by the Integration Server differs from the expected parameter type. The types are incompatible.
Action Supply parameters of expected type.
- 08000442** **Illegal value <actual value> for type <actual IDL data type>**
Explanation The actual parameter value provided by the Integration Server does not match the expected parameter type.
Action Use exception details to fix this.
- 08000443** **Illegal type <actual type> for <parameter name>**
Explanation The parameter has an unknown IDL type.
Action Contact Software AG support.

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Message Class 1000 - RPC C Runtime System

This message class is returned if an error occurred in the RPC C runtime system layer. Messages of this class have the format:

1000*nnnn*

where 1000 is the message class, and

nnnn is the message number in the range 0000 - 9999.

1000001 **Error**

Explanation System error.

Action Check system log to find out which error occurred.

1000002 **Service not implemented**

Explanation A service call was requested for a platform not implemented.

Action Contact Software AG support.

1000003 **A non-C file was found**

Explanation A LoadLibrary has found a module which is not a shared library. This message is useful in CICS/COBOL environment to distinguish between C (shared) libraries and COBOL native programs.

Action Call as COBOL program.

10000004	System Services not initialized
Explanation	Initialize some System Services logic: tracing, error boxes.
Action	Code <code>SS_INIT()</code> if above functionalities are required.
10000005	Resource temporarily unavailable
Explanation	Indicates system shortage, especially when starting new threads.
Action	Try later or terminate some other task(s), if applicable.
10000006	Permission denied
Explanation	<ol style="list-style-type: none">1. Windows: System request <code>WaitForSingleObject()</code> or <code>GetExitCodeThread()</code> failed.2. CICS: <code>EXEC CICS LOAD PROGRAM(MAPNAME) failed with NOTAUTH.</code>
Action	<ol style="list-style-type: none">1. Restart Windows.2. Contact your system administrator.
10000007	Not enough memory
Explanation	A system request returned with <code>ENOMEM</code> (UNIX).
Action	Try to locate the reason for this shortage and remove it from your system.
10000008	Thread doesn't exist
Explanation	A system request returned with <code>ESRCH</code> (UNIX) or <code>CreateThread()/GetExitCodeThread()</code> (Windows) failed.
Action	<ol style="list-style-type: none">1. If this error is returned for system requests such as <code>pthread_create()</code> or <code>CreateThread()</code>, it indicates system shortage. Close unnecessary applications.2. For wait requests such as <code>pthread_join()</code> or <code>GetExitCodeThread()</code> this indicates that the thread already has terminated.
10000009	Deadlock detected
Explanation	A system request has been cancelled with <code>EDEADLK</code> (<code>EDEADLOCK</code>).
Action	Correct your program logic. If the error is caused by an EntireX RPC server operation, contact Software AG.

10000010	Invalid argument
Explanation	A system request has been cancelled with EINVAL (UNIX) or INVREQ (CICS).
Action	Correct your program logic. If the error is caused by an EntireX RPC server operation, contact Software AG.
10000011	Thread cancelled
Explanation	A thread has been cancelled by the operating system.
Action	Check system resources.
10000012	Interrupted
Explanation	One of the pthread_cond_ functions is in EINTR condition. This return code normally will be handled in a DO-WHILE loop.
Action	Re-issue request.
10000013	Timeout
Explanation	A wait for an event finished with a timeout.
Action	None.
10000014	Unknown error
Explanation	The CICS RPC Server returns this code for CICS error codes.
Action	Check the system log for the kind of error.
10000015	Cannot load shared library
Explanation	Loading a shared library failed. The library name can be found in accompanying messages.
Action	Check that the shared library is in the server's PATH.
10000016	Cannot load function
Explanation	A shared library has been found but it did not contain the function name. Library name and function name can be found in accompanying messages.
Action	Check proper shared library in the server's PATH.

10000017	String size too small
Explanation	ssGetTidString() has been callrf with an insufficient string size.
Action	If part of EntireX RPC server or EntireX C Runtime, contact Software AG.
10000018	Reserved
10000019	Invalid arguments supplied
Explanation	This code is returned by the CICS RPC Server when WAIT/POST functions are failing.
Action	If part of RPC server errors, contact Software AG.
10000020	File not found
Explanation	Loading a file failed. The file name can be found in accompanying messages. This return code will be used by CICS RPC Server to first test if the file is of type Shared Library or COBOL.
Action	Check if the named file is in the server's DFHRPL steplib.
10000021	Not authorized
Explanation	A CICS RPC Server has tried to start a (user)task with the user ID of the client, but CICS rejected with USERIDERR. The client user ID can be found in accompanying messages.
Action	Contact your system administrator.
10000022	Thread has abended
Explanation	A user server program under CICS has terminated abnormally. The RPC server will continue to process.
Action	Correct your server program.
10000024	Process could not be started/does not exist
Explanation	A request to start a new server process returned with error. This kind of error will occur in environments where a server process can be started from an Online Maintenance tool.
Action	Check to see if a process already exists. Otherwise check system messages.

10000025	Read from console failed
Explanation	Input for Online Maintenance tools is not possible. Note: An Online Maintenance tool is not supported on every platform.
Action	For CICS: Check the MAPSET definition for ERXMAPS.
10000026	Write to console failed
Explanation	Output for the Online Maintenance tools is not possible. Note: An Online Maintenance tool is not supported on every platform.
Action	For CICS: Check the MAPSET definition for ERXMAPS.
10000027	Shared memory already exists
Explanation	Used internally.
Action	Reserved for further development.
10000029	Error in DISEI - RC : nnnnnnnn
Explanation	An error in the RPC Server eventing routines occurred. <i>nnnnnnnn</i> contains the return code from a DISEI macro.
Action	Contact Software AG support.
10000030	Error in ENAEI - RC : nnnnnnnn
Explanation	An error within the RPC Server eventing routines occurred. <i>nnnnnnnn</i> contains the return code from an ENAEI macro.
Action	Contact Software AG support.
10000031	Failed to execute worker task
Explanation	An error occurred while establishing an RPC server worker task. This error messages occurs in conjunction with message 10000032, which will contain a reason code.
Action	See message 10000032.
10000032	Reason Code : n
Explanation	Contains the reason code of a previous 10000031 message.
Action	Action depends on the reason code <i>n</i> : <ol style="list-style-type: none"> 1 The SDF variable ENTERPARM in S-procedure START-RPC-SERVER is not set up. Correct the job control and rerun the job. 2 An error occurred while a PUTVAR macro is executed. Contact Software AG support. 3 The SDF variable ENTERPARM in S-procedure START-RPC-SERVER is not set up correctly. Correct the job control and rerun the job.

- 4 An error occurred during execution of a REQM macro. Contact Software AG support.
- 5 An error occurred during execution of a RELM macro. Contact Software AG support.
- 6 The SDF variable ENTERPARM in S-procedure START-RPC-SERVER is not set up correctly. The placeholder WORKER-PARAMETER could not be found. Correct the job control and rerun the job.

1000033 Worker task successfully connected to shared memory

Explanation Informational message.

Action None.

1000034 SDF variable MAIN-TASK-TSN could not be read - GETVAR RC : nnnnnnnn

Explanation An error in macro GETVAR occurred. The SDF variable MAIN-TASK-TSN in S-procedure START-RPC-SERVER could not be read. *nnnnnnnn* contains the GETVAR return code.

Action Make sure that MAIN-TASK-TSN is contained in the parameter declaration section of START-RPC-SERVER. Correct the job control and rerun the job.

1000035 Server main task is initializing

Explanation Informational message.

Action None.

1000036 Server worker task is initializing

Explanation Informational message.

Action None.

1000037 ENAMP failed while initializing the main task - ENAMP RC : nnnnnnnn

Explanation An error within the RPC Server main task initialization routine occurred. *nnnnnnnn* contains the return code from an ENAMP macro.

Action Contact Software AG support.

1000038 ENAMP failed while connecting the worker task - ENAMP RC : nnnnnnnn

Explanation An error within the RPC Server worker task initialization routine occurred. *nnnnnnnn* contains the return code from an ENAMP macro.

Action Contact Software AG support.

10000039	SDF variable CURRENT-TSN could not be read - GETVAR RC : nnnnnnnn
Explanation	An error in macro GETVAR occurred. The SDF variable CURRENT-TSN in S-procedure START-RPC-SERVER could not be read. <i>nnnnnnnn</i> contains the GETVAR return code.
Action	Make sure that CURRENT-TSN is set up correctly. Correct the job control and rerun the job.
10000040	Request memory failed - REQMP RC : nnnnnnnn
Explanation	An error within the RPC Server initialization routine occurred. <i>nnnnnnnn</i> contains the return code from a REQMP macro.
Action	Contact Software AG support.
10000041	Main task shared memory enabled successfully
Explanation	Informational message.
Action	None.
10000042	ENAMP failed - invalid pool address
Explanation	An error within the RPC Server initialization routine occurred.
Action	Contact Software AG support.
10000043	Error in POSSIG - RC : nnnnnnnn
Explanation	An error within the RPC Server eventing routines occurred. <i>nnnnnnnn</i> contains the return code from a POSSIG macro.
Action	Contact Software AG support.
10000044	Error in SOLSIG - RC : nnnnnnnn
Explanation	An error within the RPC Server eventing routines occurred. <i>nnnnnnnn</i> contains the return code from a SOLSIG macro.
Action	Contact Software AG support.
10000045	Error in DISMP - RC : nnnnnnnn
Explanation	An error within the RPC Server termination routine occurred. <i>nnnnnnnn</i> contains the return code from a DISMP macro.
Action	Contact Software AG support.

10000046	Shared memory disabled
Explanation	Informational message.
Action	None.
10000047	Disconnected from shared memory
Explanation	Informational message.
Action	None.
10000048	RPC Server task ended
Explanation	Informational message.
Action	None.
10000049	Failed to load User Exit
Explanation	Either the initialization user exit or the termination user exit, specified in the RPC server configuration file, could not be loaded.
Action	Make sure that server parameters INIT_EXIT and TERM_EXIT are set up correctly and that the library containing the exit(s) has been included into the BLSLIB chain of the RPC server startup job control.
10000050	Call Initialization User Exit
Explanation	Informational message.
Action	None.
10000051	Call Termination User Exit
Explanation	Informational message.
Action	None.
10000052	SINF failed while retrieving system information - SINF RC : nnnnnnnn
Explanation	An error within the RPC Server initialization routine occurred. <i>nnnnnnnn</i> contains the return code from a SINF macro.
Action	Contact Software AG support.

1000053	Reserved
Explanation	Reserved for future use.
Action	None.
1000054	Reserved
Explanation	Reserved for future use.
Action	None.
1000055	Reserved
Explanation	Reserved for future use.
Action	None.
1000056	Cannot open file
Explanation	A request of open a file was not successful.
Action	This message is issued by other messages. Under some circumstances, this file is required (e.g. for SVM processing) and the server might stop.
1000057	Call error
Explanation	A CICS PUT/GET CHANNEL request failed.
Action	More detailed information (RESP, RESP2) will be written into the trace output.

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Message Class 1001 - RPC Protocol

This class indicates an error occurred in the RPC Protocol. Messages of this class have the format:

1001*nnnn*

where 1001 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10010004	Not enough memory to receive request
Explanation	The RPC server does not have enough memory to receive the client request.
Action	If your server is a Natural RPC Server, increase the <code>MAXBUFF</code> memory parameter.
10010005	Out of memory
Explanation	The RPC server is unable to allocate enough memory to fulfill the request.
Action	Increase the memory resources of your RPC server.
10010007	Internal error [Response <number> from RPC Server]
Explanation	The RPC server returned an internal error. A more specific error <number> may follow.
Action	<ol style="list-style-type: none">1. See the trace on the server and/or client side and contact Software AG support.2. See under error <number> for an explanation and action to take.

10010008	Unknown version
Explanation	This error message is returned in the following situations: <ol style="list-style-type: none">1. The RPC protocol version you requested is not supported by your RPC server.2. The server command is not known.3. There is an error in the RPC protocol header.
Action	Depending on the situation above, for <ol style="list-style-type: none">1. If possible, upgrade your RPC server or use only those data types supported by your RPC server in the IDL file.2. See the trace on the server and/or client side and contact Software AG support.
10010009	Invalid format buffer
Explanation	The format buffer within the RPC protocol could not be parsed.
Action	Contact Software AG support.
10010010	Invalid value buffer
Explanation	The value buffer within the RPC protocol could not be parsed.
Action	Contact Software AG support.
10010011	Invalid packet type
Explanation	The packet type shipped with the RPC protocol is not valid.
Action	Contact Software AG support.
10010012	Authorization or initialization failed
Explanation	One of the following occurred on the RPC server side: <ol style="list-style-type: none">1. A Natural RPC Server secured by Natural Security denied access because the Natural RPC Security ticket could not be evaluated correctly or is missing.2. Initialization of a Natural RPC Server failed.3. An EntireX z/OS CICS® RPC Server secured by CICS security denied the user's request.
Action	Depending on the situation described above, check your security configuration on the server side.

10010013	No match with pattern
Explanation	Natural RPC Server message.
Action	Contact Software AG support.
10010014	Wrong Version of SYSRPC
Explanation	Natural RPC Server message.
Action	Contact Software AG support.
10010015	Recursive RPC tried
Explanation	Natural RPC Server message.
Action	Contact Software AG support.
10010016	Callee not found. Lib=<Library>, Pgm=<Program>[,<Natural Error Info>]
Explanation	The RPC server did not find the server program. This message can be appended by Natural error information:
	<pre>[,(Natural Error Info: Program=<NAT Pgm>,Error=<NAT Error>, Line=<NAT Line>,Status=<NAT Status>,Level=<NAT Level>)] <NAT Pgm> The Natural Program name which caused the error. <NAT Error> The Natural Error number. <NAT Line> The Line number within the erroneous program which caused the error. <NAT Status> See Natural Documentation. <NAT Level> See Natural Documentation.</pre>
	See the Natural documentation.
Action	Depending on the type of your RPC server, one of the following situations may apply:
	<ol style="list-style-type: none"> 1. If the server is an EntireX RPC server on Windows/UNIX: <ul style="list-style-type: none"> ■ The server stub with the name <i>D<library>.dll</i> on Windows or <i>D<library>.so/sl</i> on UNIX must be accessible to the EntireX RPC server. The program called must be available within that library as an export named <i>D<program></i>. ■ The same applies to the server program. A server with the name <i><library>.dll</i> on Windows or <i><library>.so/sl</i> UNIX must be accessible to the EntireX RPC server. The program called must be available within that library as an export named <i><program></i>. <p>Check read/execution access, library names and exports.</p> 2. If the server is an EntireX RPC server on CICS: <ul style="list-style-type: none"> ■ A program named <i><program></i> must exist in the DFHRPL-steplib concatenation. ■ The program must be CSD-defined and (depending on CICS version) must be installed.

3. If the server is a Natural RPC Server:
 - If Natural Logon is switched on for the request or conversation, the program must be found within the target library (or its steplib concatenation).
 - If Natural Logon is switched off for the request or conversation, the program must be found in the initial library (or its steplib concatenation) of the Natural RPC Server.

See also the appropriate Natural documentation.
4. If the Server is an EntireX XML/SOAP RPC Server:
 - The server classes must be accessible from the EntireX XML/SOAP RPC Server.
 - Make sure that the path of the server classes is in the classpath.
5. If the server is an EntireX RPC server in Batch or IMS and the program is implemented in C language:
 - The RPC configuration parameter MARSHALLING=(LANGUAGE=C) must be defined.

10010017 **Reserved for internal use**

10010018 **Abnormal termination during program execution. Lib=<Library>, Pgm=<Program>[,<Natural Error Info>]**

Explanation The stub or the program/method called by the RPC server ended abnormally. This message can be appended by Natural error information:

```
[,(Natural Error Info: Program=<NAT Pgm>,Error=<NAT Error>,
                        Line=<NAT Line>,Status=<NAT
Status>,Level=<NAT Level>)]
<NAT Pgm>            The Natural Program name which caused the error.
<NAT Error>        The Natural Error number.
<NAT Line>         The Line number within the erroneous program which
caused the error.
<NAT Status>       See the Natural documentation.
<NAT Level>        See the Natural documentation.
```

Action Correct the program/method called by the RPC server.

10010019 **Response from user program out of range**

Explanation The program/method called by the RPC server can return application errors within the range 1 - 9999. The user error is outside of this range.

Action Check your program/method called by the RPC server and correct the error.

10010020	Reserved for internal use
10010021	Invalid header
Explanation	The header within the RPC protocol is invalid.
Action	See the trace on the server and/or client side and contact Software AG support.
10010022	Unknown server command
Explanation	The RPC protocol contains an unknown server command.
Action	Contact Software AG support.
10010023	Stub parameter definition error
Explanation	The parameter definitions within the stub called by the RPC server are different. This error code is typical if clients send data using an older RPC protocol. The code will be detected by the RPC server to adjust its call information.
Action	When working with the UNIX or Windows RPC server, no action is required if the error message appears just once per call. Multiple appearances indicate a general problem: re-generate your stubs with the template file server.tpl, compile and link them. If the error persists, contact Software AG support.
10010024	Parameter out of value range
Explanation	The value range for a parameter is outside the defined range. Example: An I1 data type is mapped to a 2-byte integer type in a programming language environment where there is no 1-byte integer type. The range is defined in the interface specification, that is, the IDL file. See <i>Software AG IDL File</i> in the IDL Editor documentation. For I1 it is from -127 to 128. The mapping to a 2-byte integer permits a program to set values less than -127 or greater than 128 which is not allowed for I1.
Action	Check program and correct error.
10010025	Parameter max len or array bound required
Explanation	This error message is returned in the following situations: <ol style="list-style-type: none">1. The RPC server cannot handle variable-length data types such as AV, BV and KV without maximum lengths.2. The RPC server cannot handle arrays with variable bounds without maximum upper bounds.
Action	Depending on the situation above, for

1. Specify maximum values for the variable-length data types in the IDL file. See *Software AG IDL File* in the IDL Editor documentation.
2. Specify maximum values for the upper bounds of the array in the IDL file.

10010026	Invalid string buffer
Explanation	Internal error in the string buffer of the RPC protocol.
Action	Contact Software AG support.
10010027	Parse error
Explanation	The RPC server cannot parse the RPC protocol.
Action	Contact Software AG support.
10010028	Library not found
Explanation	The RPC server did not find the library or class given in the RPC protocol.
Action	Check your configuration, server programs and stubs and the library name sent by the client.
10010029	Invalid eyecatcher
Explanation	The header of the RPC protocol contains an invalid eyecatcher.
Action	Contact Software AG support.
10010030	Parameter array bounds overflow
Explanation	An overflow occurs with an unbounded array whose maximum array bounds are determined in the IDL file. See <i>Software AG IDL File</i> in the IDL Editor documentation.
Action	Check program and correct error.
10010031	String buffer item overflow of the RPC protocol
Explanation	Internal error in string buffer.
Action	Contact Software AG support.

10010032	Reserved for internal use
10010033	Invalid unbounded array
Explanation	During marshalling/unmarshalling on the server side an error occurred when accessing the unbounded array.
Action	One of the following may apply: <ol style="list-style-type: none">1. The unbounded array was destroyed by your server program. Check the program and correct the error.2. An internal error occurred in the RPC server. Contact Software AG support.
10010034	Unbounded array does not match IDL file
Explanation	The data type and attributes of the unbounded array sent to the server do not match the data type or attributes of the unbounded array within the server stub.
Action	Re-generate, compile and link your server stub using the same IDL file as on the client side.
10010035	Conversation already open
Explanation	The client application issues an open conversation RPC request having the conversation already opened.
Action	Contact Software AG support.
10010036	Conversation already closed
Explanation	The client application issues a close conversation, close conversation commit or conversational RPC request without having any open conversation.
Action	Contact Software AG support.
10010037	Non-conv call within open conversation
Explanation	The client application issues a non-conversational RPC request while having an open conversation.
Action	Contact Software AG support.

10010038	Reserved for internal use
10010039	Error code converted to <encoding>, error code is <error code>
Explanation	The RPC server does not reply in the correct encoding. <ul style="list-style-type: none">■ <encoding> ASCII when the RPC server answers in ASCII but EBCDIC is expected■ EBCDIC when the RPC server answers in EBCDIC but ASCII is expected■ <error code> The error code replied by the Server.
Action	Check that Internationalization is correctly configured for the broker. See <i>Internationalization with EntireX</i> .
10010040	Error code cannot be decoded
Explanation	The RPC server does not reply in the correct encoding.
Action	Check that Internationalization is correctly configured for the broker. See <i>Internationalization with EntireX</i> . Check that the server you are communicating with is an RPC server and not, for example, an ACI server.
10010041	Optional parameters not supported by RPC Server
Explanation	The RPC server does not support optional parameters. Optional parameters are supported by Natural RPC Servers. EntireX RPC servers do not support optional parameters.
Action	Contact Software AG support to check whether a newer version of the Natural RPC Server may support the feature.
10010042	Maximum supported depth for Group levels is <level>
Explanation	The maximum level for groups is 99.
Action	Correct your application.
10010043	Change Password not supported by RPC Server
Explanation	You tried to use the Change Password feature of the RPC protocol with an RPC server that does not support this feature.
Action	Do not try to change the password with this RPC server.

10010044	Natural RPC client stub required
Explanation	The IDL you are using contains features which require a Natural client interface object (stub).
Action	Generate a Natural client interface object and use it with the RPC client.
10010045	CICS ABEND <myabend> was issued
Explanation	This error indicates an application error code. Application error codes enable the RPC server to return customer-invented errors back to the RPC client in a standardized way without defining an error code field in the IDL. Here the CICS RPC Server received a CICS ABEND code forced by the application server program using the EXEC CICS ABEND ABCODE(<i>myabend</i>). The ABEND starts with a letter other than "A" and follows the rules for CICS user ABEND codes. The ABEND code (<i>myabend</i>) can be used in the RPC client to gain information about specific application error situations of the server. For more information see <i>Aborting RPC Server Customer Code and Returning Error to RPC Client</i> in the CICS RPC Server documentation.
Action	The error code can be used in RPC clients to test for specific application error codes.
10010046	Inconsistent RPC request or Reliable RPC message
Explanation	The string buffer item "REL" shipped with the RPC protocol is not valid with RPC request.
Action	Contact Software AG support.
10010047	Invalid value area
Explanation	The value area in the SVM file could not be parsed.
Action	Contact Software AG support.
10010048	Inconsistent Reliable RPC message
Explanation	The string buffer item "REL" is missing or invalid.
Action	Contact Software AG support.
10010049	Invalid packet type for Reliable RPC
Explanation	The packet type shipped with the RPC protocol is not valid for the use of reliable RPC. The string buffer item "REL" is not valid for the packet type.
Action	Contact Software AG support.

10010050 Illegal parameter direction

Explanation Reliable RPC allows only IDL direction IN parameters.

Action Update your IDL, i.e. remove any OUT and INOUT parameters, possibly re-generate your interface object and/or update your application, then retry the RPC call.

10010150 Format Buffer Check: direction does not match. Request of IDL field (<type-length>), location=<location>

Explanation The EntireX RPC server detected an inconsistency between the deployed SVM entry and the IDL file with which the RPC client was built. The `direction-attribute` (IN, OUT, INOUT) of a parameter (see `attribute-list` under *Software AG IDL Grammar* in the *IDL Editor* documentation) defined in the IDL file is different to the `direction-attribute` in the related SVM entry.

Possible causes:

- You are calling an existing COBOL server and have reextracted the IDL and SVM file without redeploying the SVM file. See Scenario *Calling an Existing COBOL Server* in the respective RPC server documentation, and document *Server Mapping Deployment*.
- You are writing a new COBOL server and have rebuilt the RPC server with a modified IDL file using the *COBOL Wrapper*, which updates the SVM file, but the updated SVM file is not redeployed. See Scenario *Writing a New COBOL Server* in the respective RPC server documentation, and document *Server Mapping Deployment*.
- etc.

The message provides additional information such as `<type-length>` and `<location>`, where

- `<type-length>` matches the IDL data type; see *IDL Data Types* under *Software AG IDL File* in the IDL Editor documentation
- `<location>` contains the hierarchy of IDL nodes, separated by a colon

Example: IDL field (NU14.0), location=3.2.1.

The IDL below was used for the RPC call. The location is interpreted as follows: Third field on level 1 is 'G-parameter-3-on-level-1'; then second parameter on level 2 is the array 'G-parameter-32-on-level-2'; then the first field on level 3 which is 'G-parameter-322-on-level-3' produced the error.

```

. . .
define data parameter
1 G-parameter-1-on-level-1      (A10) In
1 G-parameter-2-on-level-1      In
1 G-parameter-3-on-level-1      Out
  2 G-parameter-31-on-level-2
    3 G-parameter-311-on-level-3 (A5)
    3 G-parameter-312-on-level-3 (N8)
    3 G-parameter-313-on-level-3 (NU4)

```

```

    2 G-parameter-32-on-level-2    (/25)
      3 G-parameter-322-on-level-3 (NU14)
      3 G-parameter-321-on-level-3 (A5)
1 G-parameter-4-on-level-1      (A64)
. . .
end-define

```

Action Make sure the IDL file and the deployed SVM file are consistent. Possibly redeploy the SVM file, see *Server Mapping Deployment*.

10010151 **Format Buffer Check: data type does not match. Request of IDL field (<type-length>), location=<location>**

Explanation The EntireX RPC server detected an inconsistency between the deployed SVM entry and the IDL file with which the RPC client was built. The sequence of IDL data types (see *IDL Data Types* under *Software AG IDL File* in the IDL Editor documentation) defined in the IDL file is different to the sequence in the related SVM entry. See error message 10010150 for possible causes of this situation.

Additional information for <type-length> and <location> is explained under error message 10010150.

Action Make sure the IDL file and the deployed SVM file are consistent. Possibly redeploy the SVM file, see *Server Mapping Deployment*. If the problem persists, reextract or rewrap and then redeploy.

10010152 **Format Buffer Check: length is not equal. Request of IDL field (<type-length>), location=<location>**

Explanation The EntireX RPC server detected an inconsistency between the deployed SVM entry and the IDL file with which the RPC client was built. The length definition of a parameter (see *simple-parameter-definition* under *Software AG IDL Grammar* in the *IDL Editor* documentation) defined in the IDL file is different to the length definition in the related SVM entry. See error message 10010150 for possible causes of this situation.

Additional information for <type-length> and <location> is explained under 10010150.

Action Make sure the IDL file and the deployed SVM file are consistent. Possibly redeploy the SVM file, see *Server Mapping Deployment*. If the problem persists, reextract or rewrap and then redeploy.

10010153 **Format Buffer Check: attributes not matching. Request of IDL field (<type-length>), location=<location>**

Explanation The EntireX RPC server detected an inconsistency between the deployed SVM entry and the IDL file with which the RPC client was built. The attributes of a parameter (see *attribute-list* under *Software AG IDL Grammar* in the *IDL Editor* documentation) defined in the IDL file are different to the attributes in the related SVM entry. See error message 10010150 for possible causes of this situation.

Additional information for <type-length> and <location> is explained under 10010150.

Action Make sure the IDL file and the deployed SVM file are consistent. Possibly redeploy the SVM file, see *Server Mapping Deployment*. If the problem persists, reextract or rewrap and then redeploy.

10010154 **Format Buffer Check: indices not matching. Request of IDL field (<type-length>), location=<location>**

Explanation The EntireX RPC server detected an inconsistency between the deployed SVM entry and the IDL file with which the RPC client was built. Either the number of dimensions (one-, two- three-dimensional) or the upper bounds (see *array-definition* under *Software AG IDL Grammar* in the *IDL Editor* documentation) do not match. See error message 10010150 for possible causes of this situation.

Additional information for <type-length> and <location> is explained under 10010150.

Action Make sure the IDL file and the deployed SVM file are consistent. Possibly redeploy the SVM file, see *Server Mapping Deployment*. If the problem persists, reextract or rewrap and then redeploy.

10010200 **Parameter Error: data not unsigned numeric. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>**

Explanation An application parameter cannot be processed because its content does not match the expected format unsigned numeric (NU). See *IDL Data Types* under *Software AG IDL File* in the *IDL Editor* documentation.

The message provides additional information such as <direction>, <parameter-name>, <type-length> and <location>, where

- <direction> is either 'Request' if the error was detected before the RPC server was executed, or 'Reply' for the answer, i.e. if the RPC server was already executed.
- <parameter-name> is available for target programming language C only
- <type-length> matches the IDL data type; see *IDL Data Types* under *Software AG IDL File* in the *IDL Editor* documentation
- <location> contains the hierarchy of IDL nodes, separated by a colon. If an IDL node is an array, its indexes are given in parentheses.

Example: Reply of IDL field (NU14.0), location=3.2(I=5).1.

The IDL below was used for the RPC call. The location is interpreted as follows: Third field on level 1 is 'G-parameter-3-on-level-1'; then second parameter on level 2 is the array 'G-parameter-32-on-level-2' and (I=5) means the fifth occurrence; then the first field on level 3 which is 'G-parameter-322-on-level-3' produced the error.

```

. . .
define data parameter
1 G-parameter-1-on-level-1      (A10) In
1 G-parameter-2-on-level-1      In
1 G-parameter-3-on-level-1      Out
    2 G-parameter-31-on-level-2
        3 G-parameter-311-on-level-3 (A5)
        3 G-parameter-312-on-level-3 (N8)
        3 G-parameter-313-on-level-3 (NU4)
    2 G-parameter-32-on-level-2  (/25)
        3 G-parameter-322-on-level-3 (NU14)
        3 G-parameter-321-on-level-3 (A5)
1 G-parameter-4-on-level-1      (A64)
. . .
end-define

```

Action Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

10010201 **Parameter Error: data not signed numeric. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>**

Explanation An application parameter cannot be processed because its content does not match the expected format signed numeric (N). See *IDL Data Types* under *Software AG IDL File* in the IDL Editor documentation.

The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.

Action Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

10010202 **Parameter Error: data not numeric. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>**

Explanation An application parameter cannot be processed because its content does not match the expected format unsigned numeric (NU) or signed numeric (N). See *IDL Data Types* under *Software AG IDL File* in the IDL Editor documentation.

The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.

Action Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

10010203	Parameter Error: data not unsigned packed. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format unsigned packed (PU). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010204	Parameter Error: data not signed packed. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format signed packed (P). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010205	Parameter Error: data not packed. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter cannot be processed because its content does not match the expected format unsigned packed (PU) or signed packed (P). See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010206	Parameter Error: I1 < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I1 cannot be processed because its content is less than the allowed minimum (-128) for I1. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

10010207	Parameter Error: I1 > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I1 cannot be processed because its content is greater than the allowed maximum (+127) for I1. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010208	Parameter Error: I2 < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I2 cannot be processed because its content is less than the allowed minimum (-32768) for I2. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010209	Parameter Error: I2 > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I2 cannot be processed because its content is greater than the allowed maximum (+32767) for I2. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010210	Parameter Error: I4 < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I4 cannot be processed because its content is less than the allowed minimum (-2147483648) for I4. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

10010211	Parameter Error: I4 > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type I2 cannot be processed because its content is greater than the allowed maximum (+2147483647) for I2. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010212	Parameter Error: float < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F4 cannot be processed because its content is less than the allowed minimum (1.175494351e-38F) for F4. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010213	Parameter Error: float > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F4 cannot be processed because its content is greater than the allowed maximum (3.402823466e+38F) for F4. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010215	Parameter Error: float HUGE_VAL. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F4 cannot be processed because of conversation error HUGE_VAL (see C library strtod() for more information). The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

10010216	Parameter Error: double < MIN. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F8 cannot be processed because its content is less than the allowed minimum (2.2250738585072014e-308) for F8. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010217	Parameter Error: double > MAX. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F8 cannot be processed because its content is greater than the allowed maximum (1.7976931348623158e+308) for F8. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010218	Parameter Error: double exponent over-, underflow. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type F4 or F8 cannot be processed because of exponent over- or underflow. See <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.
10010219	Parameter Error: bad vdata provided. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An application parameter of IDL type AV, BV, KV or UV cannot be processed because incorrect data was applied, see <i>Using Variable-length Data Types AV, BV, KV and UV</i> . The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

10010220	Parameter Error: bounds exceeds maximum. <direction> of IDL field [<parameter-name>] (<type-length>), location=<location>
Explanation	An index of an application parameter for an IDL unbounded-array (see <i>array-definition</i> under <i>Software AG IDL Grammar</i> in the IDL Editor documentation) cannot be processed because its value exceeds the maximum for upper bound The additional information <direction>, <parameter-name>, <type-length> and <location> is explained under error message 10010200.
Action	Make sure the IDL file, optionally the SVM file and your server application are consistent. Check your server application for parameter integrity.

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Message Class 1002 - User-definable Server

The messages have the format:

1002 $nnnn$

where 1002 is the message class, and

$nnnn$ is the message number in the range 0000 - 9999.

Error messages in class 1002 are reserved for customer use. The messages are given by customer RPC server implementations. See for example *Aborting RPC Server Customer Code and Returning Error to RPC Client* under *Scenarios and Programmer Information*.

31 Message Class 1003 - Conversion

This message class is returned if an error has occurred within Conversion. The messages have the format:

1003 $nnnn$

where 1003 is the message class, and

$nnnn$ is the message number in the range 0000 - 9999.

10030001	Error $number$ returned by RPCTRANS
Explanation	The error indicated by $number$ has occurred within an internal conversion routine.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030002	Buffer too small. Requires $length$ bytes
Explanation	The length of the receive buffer given by the receiver is too small. Depending on the version of EntireX Broker, EntireX and Natural components in use: <ul style="list-style-type: none">■ The situation is handled inside the EntireX Broker, that is, conversion is called a second time by the EntireX Broker with a buffer that is large enough.■ The EntireX Broker passes this error as error 00200377 to the client or server.
Action	The error can be ignored. See error 00200377 for more information if the EntireX Broker passes 00200377 to the client or server.

10030003	No Input Buffer Length
Explanation	An error has occurred in the interface between EntireX Broker kernel and the conversion routine.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030004	No Input Buffer
Explanation	An error has occurred in the interface between EntireX Broker kernel and the conversion routine.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030005	No Output Buffer Length
Explanation	An error has occurred in the interface between EntireX Broker kernel and the conversion routine.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030006	No Output Buffer
Explanation	An error has occurred in the interface between EntireX Broker kernel and the conversion routine.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030007	Internal Error
Explanation	An internal error has occurred inside the conversion routine.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030008	Error <i>number</i> returned by ECS initialize
Explanation	Error <i>number</i> has occurred during ECS initialization.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

10030009	Error <i>number</i> returned by ECS conversion
Explanation	Error <i>number</i> has occurred during ECS conversion.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030010	Error converting binary/numeric fields
Explanation	The length of the data (of numeric and binary data types such as <code>Nm.n</code> , <code>Pm.n</code> , <code>NUm.n</code> , <code>PUm.n</code> , <code>L</code> , <code>B</code> , <code>F4</code> , <code>F8</code> , <code>I1</code> , <code>I2</code> , <code>I4</code> , <code>D</code> , <code>T</code>) contained in an IDL parameter has increased/decreased, but the data must keep its length when converted.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030011	No free entries in preallocated list
Explanation	An internal error occurred in the conversion routine.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030012	Out of Memory
Explanation	The conversion routine is out of memory.
Action	<p>Try the following:</p> <ul style="list-style-type: none"> ■ Increase the memory resources available for EntireX Broker. ■ If the error persists: <p style="margin-left: 40px;">Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.</p>
10030013	RPC Protocol Version error
Explanation	An invalid RPC payload was sent. The conversion routine detected an inconsistent RPC protocol.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

- 10030014** **RPC Protocol Version not supported**
- Explanation** The RPC protocol is not supported by the conversion routine.
- Action** Try the following:
- Check if an older version of the EntireX Broker and/or conversion routine is in effect.
 - Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
 - If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.
-
- 10030015** **RPC Protocol Compression 1 not supported**
- Explanation** The conversion routine supports “RPC compression 2” and “no RPC compression”. “RPC compression 1” is not supported.
- Action** Try the following:
- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
 - Do not use “RPC compression 1” when RPC conversion SAGTRPC is involved. Use “RPC compression 2” in your RPC client. See the documentation of the RPC client component involved for how to configure RPC compression.
 - If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.
-
- 10030016** **RPC protocol error parsing format buffer**
- Explanation** The RPC protocol sent by the client or server is invalid.
- Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030017	Digit/Character not found
Explanation	The RPC protocol sent by the client or server is invalid.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030018	Unexpected end During Scan
Explanation	The RPC protocol sent by the client or server is invalid.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030019	Codepage attribute has bad format
Explanation	An internal error occurred.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030020	Codepage attribute contains no data
Explanation	An internal error occurred.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030021	Some chars unconvertible to target CP
Explanation	Some of the characters to be converted have no equivalent in the target ICU converter.
Action	<p>Try the following:</p> <ul style="list-style-type: none"> ■ Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute <code>CONVERSION</code>. ■ Use an ICU converter where all needed characters are defined (see <i>ICU Resources</i> under <i>Introduction to Internationalization</i> and <i>Codepage Requirements for RPC Data Stream Conversions</i> under <i>What is the Best Internationalization Approach to use?</i> under <i>Introduction to Internationalization</i>). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See <i>Preparing EntireX Components for Internationalization</i>. ■ If possible for the scenario, you can replace the unconvertible characters with a codepage-dependent substitution character. See <i>OPTION Values for Conversion</i>. ■ If the error persists: <p style="margin-left: 40px;">Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.</p>

- 10030022** **Chars to convert undefined in source CP**
- Explanation** Some of the characters to be converted are not defined in the source ICU converter of the sender. The payload and the ICU converter of the sender do not match.
- Action** Try the following:
- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
 - Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
 - If possible for the scenario, you can replace the unconvertible characters with a codepage-dependent substitution character. See *OPTION Values for Conversion*.
 - If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.
-
- 10030023** **Internal attribute table overflow**
- Explanation** An internal table overflow occurred.
- Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.
-
- 10030024** **Error *error* returned by ECS free handle**
- Explanation** An internal error occurred.
- Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.
-
- 10030025** **Error *error* returned by ECS get handle**
- Explanation** An internal error occurred.
- Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030026	Error <i>error</i> returned by ECS get attributes
Explanation	An internal error occurred.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030027	Error <i>error</i> from user exit out of range
Explanation	The valid range of errors returned by the SAGTRPC user exit is 1-9999. For more information see <i>Writing SAGTRPC User Exits</i> in the platform-specific administration documentation.
Action	Check your SAGTRPC user exit and correct the error.
10030028	String Buffer missing
Explanation	An invalid RPC payload was sent. A string buffer is required for the RPC protocol but could not be detected.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030029	Format Buffer missing
Explanation	An invalid RPC payload was sent. A format buffer is required for the RPC protocol but could not be detected.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030030	Attribute end tag missing
Explanation	An invalid RPC payload was sent. An attribute start tag was detected but the corresponding end tag is missing.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030031	Attribute error
Explanation	An invalid RPC payload was sent. An invalid attribute was detected.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

10030032	Value Buffer parse error
Explanation	An invalid RPC payload was sent. This error occurs in the following situations: <ol style="list-style-type: none">1. An unexpected end of the value buffer occurred.2. The indices of an unbounded array cannot be parsed correctly.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030033	Error update addresses/length in header
Explanation	An error occurred when updating new offsets and length in the RPC protocol header after decrease/increase of buffers.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030034	Output Buffer overflow
Explanation	This is an internal message.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030035	Format Buffer length change occurred
Explanation	During conversion the format buffer has increased or decreased, but the format buffer must keep its length when converted.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030036	String Buffer parse error
Explanation	An invalid RPC payload was sent. An unexpected end of the string buffer occurred.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030037	Delimiter missing
Explanation	An invalid RPC payload was sent. The delimiter between keyword and value in the string buffer is missing.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

10030038	Variable Length Data parse error
Explanation	An invalid RPC payload was sent. This error occurs in the following situations: <ol style="list-style-type: none"> 1. An unexpected end of the value buffer occurred. 2. An error occurred when parsing the value buffer for the actual length of AV, BV and KV data types.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030039	Group end without corresponding start
Explanation	An invalid RPC payload was sent. A group end was detected without a group start tag.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030040	Group end missing
Explanation	An invalid RPC payload was sent. A group was detected without a corresponding group end.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030041	No Group start tag
Explanation	An invalid payload was sent. A group was detected with an invalid group start indicator.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030042	Error <i>number</i> returned by ECS create binding
Explanation	The error indicated by <i>number</i> has occurred during ECS binding of codepages.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030043	DBCS Space missing for modal codepage
Explanation	For an EBCDIC stateful codepage (encoded with escape technique, that is, SI/SO bytes) there is no DBCS space defined.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

10030044	K or KV Field must have even length
Explanation	If IDL K fields are used with EBCDIC stateful codepages (encoded with escape technique, that is, SI/SO bytes) the fields must have even length. For more information see <i>Conversion with Multibyte, Double-byte and other Complex Codepages</i> .
Action	<p>Try the following:</p> <ul style="list-style-type: none"> ■ For fixed-length IDL K fields, define the field in your IDL with even length. For variable-length KV fields, make sure to send your data with even length. For more information see <i>IDL Data Types</i> under <i>Software AG IDL File</i> in the IDL Editor documentation. ■ If the error persists: <ul style="list-style-type: none"> Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030045	DBCS Space less or more than 2 bytes
Explanation	The length of DBCS space is not as expected.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030046	Single Space more than 1 byte
Explanation	The length of space is not as expected.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030047	Space missing for codepage
Explanation	There is no space defined.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030048	SAGTRPC Load error <i>number</i>
Explanation	The error indicated by <i>number</i> has occurred during load of the conversion routine by your SAGTRPC user exit. For <i>number</i> refer to your operating system documentation.
Action	<p>Where applicable check the following possibilities:</p> <ul style="list-style-type: none"> ■ Under UNIX and Windows, check that the link step of SAGTRPC user exit is correct and all required libraries are linked to your SAGTRPC user exit. <p>See <i>Writing SAGTRPC User Exits</i> in the platform-specific administration documentation.</p>

- Under UNIX, check that *libsagtrpc.so* is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under Windows, check that *libsagtrpc.dll* is accessible by the broker. If it is not accessible, reinstall EntireX.
- Under all other operating systems and if the error persists:
 Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030049 **User exit missing**
Explanation Internal error.
Action Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030050 **Invalid Conversion Method**
Explanation Internal error.
Action Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030051 **Invalid Trap Function**
Explanation Internal error.
Action Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030052 **Invalid Direction**
Explanation Internal error.
Action Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030053 **ICU Error *error* occurred**
Explanation The error indicated by *error* has occurred during execution of an ICU function. Possible errors are:

 U_FILE_ACCESS_ERROR - This error indicates a missing ICU converter or a missing mapping from ICU alias name to the real ICU converter name. The ICU converter can be accessed with any name (alias name or real name).
Action Depending on the error situation:

- `U_FILE_ACCESS_ERROR` - Examine the broker's trace for the name used to locate the ICU converter. For information on available ICU converters and their alias names, see *ICU Converter Explorer*. There are the following possibilities:
 - If the client or server component uses a valid codepage for its environment but sends a name which is not a valid ICU alias, you can define an ICU alias to ICU Converter name mapping in the EntireX Broker attribute file. See *Codepage-specific Attributes (DEFAULTS=CODEPAGE)* under *Broker Attributes* in the platform-independent administration documentation.
 - Reconfigure the client or server component to use a codepage valid in its own environment and available as an ICU converter. See *Preparing EntireX Components for Internationalization*.
- For all other errors:
 - Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030054	SAGTRPC Get EP error <i>number</i>
Explanation	The error indicated by <i>number</i> has occurred during load of the conversion routine by your SAGTRPC user exit. For <i>number</i> refer to your operating system documentation.
Action	Contact Software AG support.
10030055	Option conflicts with Method
Explanation	The option defined with the service-specific or topic-specific broker attribute <code>CONVERSION</code> cannot be used together with the defined conversion.
Action	Define an option supported by the defined conversion. See <i>OPTION Values for Conversion</i> .
10030056	Padding occurred for K field and modal CP
Explanation	Internal error.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030057	Invalid Unicode Byte Sequence
Explanation	An invalid RPC payload was sent. The sender's data was not correctly converted to the intermediate Unicode encoding of the RPC protocol.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

10030058	SAGTRPC ICU Wrapper Load error <i>number</i>
Explanation	The error indicated by <i>number</i> has occurred during load of a module required by the conversion. For <i>number</i> refer to your operating system documentation.
Action	<p>Where applicable, check the following possibilities:</p> <ul style="list-style-type: none">■ Under z/OS, check that EXXICU is accessible by the broker. If it is not accessible, reinstall EntireX.■ Under UNIX, check that <i>libsagtrpcicu.so</i> is accessible by the broker. If it is not accessible, reinstall EntireX.■ Under Windows, check that <i>libsagtrpcicu.dll</i> is accessible by the broker. If it is not accessible, reinstall EntireX. <p>If the error persists:</p> <p>Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.</p> <p>If your EntireX Broker is running under z/OS, also provide the module report. Refer to DDNAME ETBMREP under <i>Step 2: Edit the Broker Startup Procedure</i> in the z/OS installation documentation.</p>
10030059	SAGTRPC ICU Wrapper Get EP error <i>number</i>
Explanation	The error indicated by <i>number</i> has occurred during load of a module required by the conversion. For <i>number</i> refer to your operating system.
Action	<p>Where applicable, check the following possibilities:</p> <ul style="list-style-type: none">■ Under z/OS, check that EXXICU is accessible by the broker. If it is not accessible, reinstall EntireX.■ Under UNIX, check that <i>libsagtrpcicu.so</i> is accessible by the broker. If it is not accessible, reinstall EntireX.■ Under Windows, check that <i>libsagtrpcicu.dll</i> is accessible by the broker. If it is not accessible, reinstall EntireX. <p>If the error persists:</p> <p>Configure trace level 3 for the service-specific or topic-specific broker attribute CONVERSION and provide a trace to Software AG support.</p> <p>If your EntireX Broker is running under z/OS, also provide the module report. Refer to DDNAME ETBMREP under <i>Step 2: Edit the Broker Startup Procedure</i> in the z/OS installation documentation.</p>

10030060 Unconvertible Chars in B,I,D,.. Field

Explanation Unconvertible characters were detected in RPC binary, integer or date fields. The ICU converter used by the receiver does not support characters required by the RPC protocol. The ICU converter of the receiver cannot be used with RPC calls.

Action Try the following:

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
- Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030061 Unconvertible Chars in Metadata

Explanation Unconvertible characters were detected in RPC metadata. The ICU converter used by the receiver does not support characters required by the RPC protocol. The ICU converter of the receiver cannot be used with RPC calls.

Action Try the following:

- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
- Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030062	Invalid Source Chars in B,I,D,.. Field
Explanation	An invalid RPC payload was sent. Invalid characters were detected in IDL binary, integer or date fields of the sender. The payload and the ICU converter of the sender do not match or the payload that was sent is not a valid RPC protocol.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030063	Invalid Source Chars in Metadata
Explanation	An invalid RPC payload was sent. Invalid characters were detected in RPC metadata of the sender. The payload and the ICU converter of the sender do not match, or the payload that was sent is not a valid RPC protocol.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030064	Substitution character length error
Explanation	Internal error.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030065	Error <i>error</i> returned by ICU free handle
Explanation	Closing an ICU handle returned an error.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030066	Bad access to memory
Explanation	An internal error occurred.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030067	No support for ECS
Explanation	ECS Conversion is no longer supported.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

- 10030068** **Length changed during uppercase conversion**
- Explanation** For the Hebrew codepage CP803, lowercase metadata is converted to uppercase. An error occurred during this. For more information see *Conversion with Multibyte, Double-byte and other Complex Codepages*.
- Action** Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.
-
- 10030069** **Missing Unicode character *char* in target ICU Converter *converter***
- Explanation** The payload of the sender could not be converted to the encoding of the receiver. The given Unicode character is not contained in the ICU converter of the receiver.
- Action** Try the following:
- For *RPC-based Components*:
 - Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
 - Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
 - If possible for the scenario, you can replace the unconvertible characters with a codepage-dependent substitution character. See *OPTION Values for Conversion*.
 - If the error persists:
 - Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.
-
- 10030070** **No character at codepoint *codepoint* in source ICU Converter *converter***
- Explanation** An invalid payload was sent. The payload and the ICU converter of the sender do not match. There is no character defined in the ICU converter at the given codepoint.
- Action** Try the following:
- For *RPC-based Components*:
 - Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
 - Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct

one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.

- Check that the data sent is correct.
- If possible for the scenario, you can replace the unconvertible characters with a codepage-dependent substitution character. See *OPTION Values for Conversion*.
- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030071	Missing Unicode character <i>char</i> in broker ICU Converter <i>converter</i>
Explanation	The EntireX Broker's ICU converter is required to parse the RPC payload of the sender. The given Unicode character is missing in the defined EntireX Broker's ICU converter.
Action	Try the following: <ul style="list-style-type: none"> ■ Check if the ICU converter of the EntireX Broker is the correct one. If not, reconfigure the EntireX Broker. ■ If the error persists: <p style="margin-left: 20px;">Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.</p>
10030072	No character at codepoint <i>codepoint</i> in broker ICU Converter <i>converter</i> defined
Explanation	The EntireX Broker's ICU converter is required to parse the RPC payload of the sender. There is no character defined at the given codepoint in the ICU converter.
Action	Try the following: <ul style="list-style-type: none"> ■ Check if the ICU converter of the EntireX Broker is the correct one. If not, reconfigure the EntireX Broker. ■ If the error persists: <p style="margin-left: 20px;">Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.</p>
10030073	Missing Unicode character <i>char</i> in ICU Converter <i>converter</i>
Explanation	In some situations it is necessary to use an additional ICU converter for conversion (for example the old Hebrew codepage CP803). The error occurred using this additional converter. The given Unicode character is not contained in the given ICU converter.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.

10030074	No character at codepoint <i>codepoint</i> in ICU Converter <i>converter</i> defined
Explanation	In some situations it is necessary to use an additional ICU converter for conversion (for example the old Hebrew codepage CP803). The error occurred using this additional converter. No character is defined in the given ICU converter at the given codepoint.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030075	No character at codepoint <i>codepoint</i> in ICU Converter <i>converter</i> defined for integer or binary data
Explanation	An invalid RPC payload was sent. Invalid characters were detected in integer or binary data of the sender. The payload and the ICU converter of the sender do not match, that is, there is no character defined in the given ICU converter at the given codepoint, or the payload that was sent is not a valid RPC protocol.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030076	No character at codepoint <i>codepoint</i> in ICU Converter <i>converter</i> defined for metadata
Explanation	An invalid RPC payload was sent. Invalid characters were detected in metadata of the sender. The payload and the ICU converter of the sender do not match, that is, there is no character defined in the given ICU converter at the given codepoint, or the payload that was sent is not a valid RPC protocol.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030077	No character at codepoint <i>codepoint</i> in ICU Converter <i>converter</i> defined for string buffer item
Explanation	An invalid RPC payload was sent. Invalid characters were detected in string buffer items of the sender. The payload and the ICU converter of the sender do not match, that is, there is no character defined in the given ICU converter at the given codepoint, or the payload sent is not a valid RPC protocol.
Action	Configure trace level 3 for the service-specific or topic-specific broker attribute <code>CONVERSION</code> and provide a trace to Software AG support.
10030078	Missing Unicode character <i>char</i> in target ICU Converter <i>converter</i> for integer or binary data
Explanation	Integer or binary data of the RPC payload of the sender could not be converted into the encoding of the receiver. The given Unicode character is not contained in the given ICU converter.
Action	<ul style="list-style-type: none"> ■ Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute <code>CONVERSION</code>.

- Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
- If the error persists:
 - Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030079 Missing Unicode character *char* in target ICU Converter *converter* for metadata

Explanation Metadata of the RPC payload of the sender could not be converted into the encoding of the receiver. The given Unicode character is not contained in the given ICU converter.

- Action**
- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
 - Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.
 - If the error persists:
 - Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

10030080 Missing Unicode character *char* in target ICU Converter *converter* for string buffer

Explanation The RPC string buffer of the RPC payload of the sender could not be converted into the encoding of the receiver. The given Unicode character is not contained in the given ICU converter.

- Action**
- Determine the component (RPC client or RPC server) sending the RPC payload. To find out the IDL library and IDL program where the error occurred, configure trace level 2 for the service-specific or topic-specific broker attribute `CONVERSION`.
 - Use an ICU converter where all needed characters are defined (see *ICU Resources* under *Introduction to Internationalization* and *Codepage Requirements for RPC Data Stream Conversions* under *What is the Best Internationalization Approach to use?* under *Introduction to Internationalization*). Check if the ICU converter is the correct one. If not, reconfigure the RPC component. See *Preparing EntireX Components for Internationalization*.

- If the error persists:

Configure trace level 3 for the service-specific or topic-specific broker attribute `CONVERSION` and provide a trace to Software AG support.

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Message Class 1004 - IDL Compiler

This message class is returned if an error occurred concerning the Software AG IDL Compiler. Messages of this class have the format:

1004*nnnn*

where 1004 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10040001 **No template file given**

Explanation A template file is mandatory to run the Software AG IDL Compiler.

Action Specify a template file using the -t option.

10040002 **Template file <file-name> open failed**

Explanation The template file specified could not be opened for one of the following reasons:

1. The path or template file does not have read access.
2. The template file is missing.

Action Depending on the situation above, provide the template file and grant read access to the IDL Compiler.

- 10040003** **Template file <file-name> is too large (Max. 1MB)**
Explanation The maximum size for the template file has been exceeded.
Action 1. For customer-written template files:

 Create several smaller files from your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.
- 10040004** **#endif expected in template**
Explanation When parsing the template file, the following error was detected: An expected #endif preprocessor statement was not found in the template file.
Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.
- 10040005** **Premature end of template file occurred**
Explanation When parsing the template file, an unexpected end-of-file condition occurred.
Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.
- 10040006** **Illegal opcode in template**
Explanation When running the template file an illegal operation code was detected.
Action Contact Software AG support.
- 10040007** **Illegal number**
Explanation When running the template file, an illegal number was found in a template variable.
Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.

10040008	Illegal character occurred in code: '<code>'
Explanation	When parsing the template file, an illegal character was detected.
Action	<ol style="list-style-type: none"> 1. For customer-written template files: Correct your template file and rerun the IDL Compiler. 2. For template files delivered by Software AG: Contact Software AG support.
10040009	%block without block
Explanation	When parsing the template file, the following error was detected: A block was missing.
Action	<ol style="list-style-type: none"> 1. For customer-written template files: Correct your template file and rerun the IDL Compiler. 2. For template files delivered by Software AG: Contact Software AG support.
10040010	%library{ } must not be an inner loop
Explanation	When parsing the template file, the following error was detected: A library loop could not be placed within another library loop.
Action	<ol style="list-style-type: none"> 1. For customer-written template files: Correct your template file and rerun the IDL Compiler. 2. For template files delivered by Software AG: Contact Software AG support.
10040011	%program{ }-loop must be embedded in %library{ }-loop
Explanation	When parsing the template file, the following error was detected: A program loop must be placed within a library loop.
Action	<ol style="list-style-type: none"> 1. For customer-written template files: Correct your template file and rerun the IDL Compiler. 2. For template files delivered by Software AG: Contact Software AG support.

10040012 %name{ }-loop must be embedded in %program or %x_struct { }-loop

Explanation When parsing the template file, the following error was detected:
A name loop must be placed within a program or x_struct loop.

Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.

10040013 %x_struct{ }-loop must be embedded in %library{ }-loop

Explanation When parsing the template file, the following error was detected:
An x_struct loop must be placed within a library loop.

Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.

10040014 Illegal environment variable syntax

Explanation When parsing the template file, the following error was detected:
The syntax for environment variables is incorrect.
Environment variables must be surrounded by parentheses: '(' and ')'.

Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.

10040015 Illegal numeric variable: '%compute'

Explanation When parsing or running the template file, an illegal numeric variable was found in
a template variable.

Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.

10040016	Illegal string variable <variable>: '%assign'
Explanation	When parsing or running the template file, an illegal string was detected in a template variable.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040017	Illegal closing brackets of array string variable <variable>: '%assign'
Explanation	When parsing or running the template file, an array string variable could not be determined correctly.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040018	Illegal opening brackets of array string variable <variable>: '%assign'
Explanation	When parsing or running the template file, an array string variable could not be determined correctly.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040019	Array string variable out of bounds
Explanation	When running the template file, an array string variable could not be determined correctly. Array variables must be in the range 0 - 8.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.

- 10040020** **%Sanitize<flag> is unknown**
Explanation When parsing the template file, an illegal statement was detected.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.
- 10040021** **%using I must have specified 1, 2 or 4**
Explanation When parsing the template file, an illegal length for the data type integer was detected.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.
- 10040022** **%using F must have specified 4 or 8**
Explanation When parsing the template file, an illegal length for the data type float was detected.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.
- 10040023** **Illegal character occurred in %using <type>: '<char>' (0x%.2X)**
Explanation When parsing the template file, an illegal data type was detected.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.

10040024	Recursive type specification, <output-statement> used in %u clause
Explanation	When parsing the template file, an error was detected.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040025	Illegal %-specification '<char>'
Explanation	When parsing the template file, an illegal statement was detected.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040026	} without block
Explanation	When parsing the template file, a closing brace was detected without the corresponding opening one.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040027	Unsupported %-format: <char>
Explanation	When running the template file, an unsupported format was detected.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.

- 10040028** **<statement> is unknown**
Explanation An incorrect <statement> was found in the template file.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.
- 10040029** **Illegal string**
Explanation When parsing the template file, a string could not be determined correctly.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.
- 10040030** **String continues on next line**
Explanation When parsing the template file, a string could not be determined correctly. A string must not continue on the next line.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.
- 10040031** **String missing: <string>**
Explanation When parsing the template file, a string was expected but did not occur.
Action 1. For customer-written template files:
 Correct your template file and rerun the IDL Compiler.
 2. For template files delivered by Software AG:
 Contact Software AG support.

10040032	Missing ')' in expression
Explanation	When running the template file, an illegal expression was detected.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040033	Bad expression (read '<expression>')
Explanation	When running the template file, an illegal expression was detected.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040034	Level nesting exceeded
Explanation	When running the template file, the maximum number of levels was exceeded.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040035	Recursion too deep
Explanation	When parsing the template file, an error was detected.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.

- 10040036** **<statement> blocks exceeded, maximum is <number>**
- Explanation** When parsing the template file, the maximum number of nested blocks for statement <statement> of <number> was exceeded.
- Action** 1. For customer-written template files:
- Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:
- Contact Software AG support.
-
- 10040037** **Internal error**
- Explanation** An unexpected error occurred when running the Software AG IDL Compiler.
- Action** Contact Software AG support.
-
- 10040038** **Can access <output-statement> only in <control-statement>-loop**
- Explanation** When running the template file, a statement was executed which was not placed in its proper loop statement.
- Action** 1. For customer-written template files:
- Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:
- Contact Software AG support.
-
- 10040039** **Premature EOF within preprocessor block in template**
- Explanation** When parsing the template file, an unexpected end-of-file condition occurred.
- Action** 1. For customer-written template files:
- Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:
- Contact Software AG support.
-
- 10040040** **Unknown preprocessor command <command> in template**
- Explanation** When parsing the template file, an unknown statement was detected.
- Action** 1. For customer-written template files:
- Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

Contact Software AG support.

10040041	#endif found without #ifdef in template
Explanation	When parsing the template file, an <code>#endif</code> was found without a corresponding <code>#ifdef</code> preprocessor statement.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040042	#else found without #ifdef in template
Explanation	When parsing the template file, an <code>#else</code> was found without a corresponding <code>#ifdef</code> preprocessor statement.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040043	#elif found without #ifdef in template
Explanation	When parsing the template file, an <code>#elif</code> was found without a corresponding <code>#ifdef</code> preprocessor statement.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.
10040044	#elif found after #else in template
Explanation	When parsing the template file, an <code>#elif</code> was found after a corresponding <code>#else</code> preprocessor statement.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG:

Contact Software AG support.

10040045 `#ifdef` found before `#endif` in template

Explanation When parsing the template file, an `#ifdef` was found before an `#endif` preprocessor statement.

Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.

10040046 `<statement>` found without DEFINITION in template

Explanation An incorrect `<statement>` was found in the template file.

Action 1. For customer-written template files:

 Correct your template file and rerun the IDL Compiler.
2. For template files delivered by Software AG:

 Contact Software AG support.

10040047 Software AG IDL file `<file-name>` open failed

Explanation The Software AG IDL file specified could not be opened for one of the following reasons:

1. The path or Software AG IDL file does not have read access.
2. An incorrect name was given for the IDL file or it is missing.

Action Depending on the situation above, provide the Software AG IDL file and/or give read access to the IDL Compiler.

10040048 Software AG IDL file parse error

Explanation When parsing the Software AG IDL file, an error occurred.

Action Correct your IDL file and rerun the IDL Compiler.

10040049	Usage error
Explanation	The Software AG IDL Compiler was called with an incorrect template file, IDL file or option settings.
Action	Supply the IDL Compiler with correct parameters.
10040050	Out of memory
Explanation	A memory request by the IDL Compiler could not be fulfilled by the operating system.
Action	Increase your memory resources and rerun the IDL Compiler.
10040051	Pushback character limit reached
Explanation	The maximum number of pushback characters was reached by the operating system.
Action	Contact Software AG support.
10040052	Label table overflow
Explanation	The maximum number of labels was reached by the operating system.
Action	Contact Software AG support.
10040053	Output buffer overflow
Explanation	An overflow of the output buffer occurred.
Action	<ol style="list-style-type: none"> 1. For customer-written template files: <p style="margin-left: 40px;">Correct your template file and rerun the IDL Compiler.</p> 2. For template files delivered by Software AG: <p style="margin-left: 40px;">Contact Software AG support.</p>
10040054	Library name is too long
Explanation	A library name specified in the IDL file is too long. The maximum number of characters is 128.
Action	Correct your IDL file and rerun the IDL Compiler.
10040055	Library name is empty
Explanation	A library name specified in the IDL file contains no characters.
Action	Correct your IDL file and rerun the IDL Compiler.

10040056	Library alias name is too long
Explanation	A library alias name specified in the IDL file is too long. The maximum number of characters is 128.
Action	Correct your IDL file and rerun the IDL Compiler.
10040057	Library alias name is empty
Explanation	A library alias name specified in the IDL file contains no characters.
Action	Correct your IDL file and rerun the IDL Compiler.
10040058	Program <program-name> already defined
Explanation	A program with the same name has already been defined in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040059	Program alias <alias-name> already defined
Explanation	A program alias with the same name has already been defined in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040060	Program name is too long
Explanation	A program name specified in the IDL file is too long. The maximum number of characters is 128.
Action	Correct your IDL file and rerun the IDL Compiler.
10040061	Program name is empty
Explanation	A program name specified in the IDL file contains no characters.
Action	Correct your IDL file and rerun the IDL Compiler.
10040062	Program alias name is too long
Explanation	A program alias name specified in the IDL file is too long. The maximum number of characters is 128.
Action	Correct your IDL file and rerun the IDL Compiler.

10040063	Program alias name is empty
Explanation	A program alias name specified in the IDL file contains no characters.
Action	Correct your IDL file and rerun the IDL Compiler.
10040064	Structure <structure-name> already defined
Explanation	A structure with the same name has already been defined in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040065	Structure name is too long
Explanation	A structure name specified in the IDL file is too long. The maximum number of characters is 128.
Action	Correct your IDL file and rerun the IDL Compiler.
10040066	Structure name is empty
Explanation	A structure name specified in the IDL file contains no characters.
Action	Correct your IDL file and rerun the IDL Compiler.
10040067	Structure <structure-name> not defined
Explanation	An structure not defined in the IDL file was referenced.
Action	Correct your IDL file and rerun the IDL Compiler.
10040068	Level must be at least <level-number>
Explanation	An incorrect level for parameters is specified in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040069	Level must be <level-number>
Explanation	An incorrect level for parameters is specified in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040070	Parameter name is too long
Explanation	A parameter name specified in the IDL file is too long. The maximum number of characters is 31.
Action	Correct your IDL file and rerun the IDL Compiler.

10040071	Maximum level is <level-number>
Explanation	An incorrect level for parameters is specified in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040072	Index bound is too high
Explanation	A dimension specification for a parameter in the IDL file was too high. The maximum limit for upper bounds is 1073741824.
Action	Correct your IDL file and rerun the IDL Compiler.
10040073	Invalid dimension specification
Explanation	The specification of a dimension for a parameter in the IDL file was incorrect.
Action	Correct your IDL file and rerun the IDL Compiler.
10040074	Errors in the IDL file <file-name> detected
Explanation	Errors in the IDL file were detected - generation failed.
Action	Correct your IDL file and rerun the IDL Compiler.
10040075	Recursion of parameter detected - invalid IDL file
Explanation	A parameter recursion occurred in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040076	Group parameter '<parameter-name>' has no members
Explanation	A group defined in the IDL file has no members.
Action	Correct your IDL file and rerun the IDL Compiler.
10040077	No output file open
Explanation	When running the template file, an output statement was supposed to be executed but no file was open.
Action	<ol style="list-style-type: none">1. For customer-written template files: Correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: Contact Software AG support.

10040078	Could not open %f file <file-name>
Explanation	An output file could not be opened for one of the following reasons: <ol style="list-style-type: none"> 1. The path or file does not have write access. 2. The file name is incorrect.
Action	Depending on the situation above, provide write access to the IDL Compiler or correct the file name.
10040079	-P Option is limited to 32 characters
Explanation	The IDL Compiler was called with incorrect parameter -P. The length of an option is limited to 32 characters.
Action	Supply the IDL Compiler with correct parameters.
10040080	Max. -P options = <max-number>
Explanation	The IDL Compiler was called with too many options. The maximum possible number of options is <max-number>.
Action	Supply the IDL Compiler with correct parameters.
10040083	Illegal option - <option>
Explanation	The IDL Compiler was called with incorrect parameters.
Action	Supply the IDL Compiler with correct parameters.
10040084	Option must be followed by whitespace - <option>
Explanation	The IDL Compiler was called with incorrect parameters. All options must be followed by whitespace.
Action	Supply the IDL Compiler with correct parameters.
10040085	Option requires an argument - <option>
Explanation	The IDL Compiler was called with incorrect parameters. The given option requires an argument.
Action	Supply the IDL Compiler with correct parameters.

10040086	Option must not be clustered - <option>
Explanation	The IDL Compiler was called with incorrect parameters. Options must not be clustered.
Action	Supply the IDL Compiler with correct parameters.
10040087	Recursion for structure <structure-name> detected - Invalid IDL file
Explanation	A structure recursion occurred in the IDL file.
Action	Correct your IDL file and rerun the IDL Compiler.
10040088	Syntax error in %execute statement
Explanation	When parsing the template file, an illegal %execute statement was detected.
Action	<ol style="list-style-type: none">1. For customer-written template files: correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: contact Software AG support.
10040089	Parameter <parameter name> has the wrong type in return statement
Explanation	When parsing the template file, a wrong parameter type was detected in the return declaration of the %execute statement.
Action	<ol style="list-style-type: none">1. For customer-written template files: check the return declaration of the %execute statement and the parameter of the %return statement. The parameter types must match.2. For template files delivered by Software AG: contact Software AG support.
10040090	Count of parameter is wrong in return statement
Explanation	When parsing the template file, the wrong number of parameters was detected in the return declaration of the %execute statement.
Action	<ol style="list-style-type: none">1. For customer-written template files: check the return declaration of the %execute statement and the parameter of the %return statement. The count of parameters must match.2. For template files delivered by Software AG: contact Software AG support.
10040091	Parser exception occurred in template file <template file name>
Explanation	When parsing the template file, a wrong statement or a syntax error has been detected by the template parser.
Action	<ol style="list-style-type: none">1. For customer-written template files: correct your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: contact Software AG support.

10040092	%UnsupportedProgram statement must be embedded in %program or %name loop
Explanation	%UnsupportedProgram statement needs a %library { %program { }} loop.
Action	<ol style="list-style-type: none">1. For customer-written template files: create several smaller files from your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: contact Software AG support.
10040093	%UnsupportedProgram statement cannot be used if an output file is open
Explanation	%UnsupportedProgram must be used before an output file is opened.
Action	<ol style="list-style-type: none">1. For customer-written template files: create several smaller files from your template file and rerun the IDL Compiler.2. For template files delivered by Software AG: contact Software AG support.

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Message Class 1005 - RPC Server

If you are communicating with an EntireX RPC server, this class is returned if an error occurred in the RPC server.

If you are communicating with a Natural RPC Server and you receive errors in the range 10050001 - 10059999 on the client side, make a note of the last 4 digits of the error number and refer to the Natural error code documentation to determine the cause of the error instead here. For example, if you receive error number 10050082, Natural error 0082 has occurred on the server side.

Messages of this class have the format:

1005*nnnn*

where 1005 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10050000 **Reserved**

10050001 **Cannot open or read File=<file name>**

Explanation An invalid configuration file name or a wrong file type was used to start the RPC server.

Action Restart the server with correct configuration file.

10050002	Cannot open or read File=<file name>
Explanation	Configuration problem.
Action	Contact Software AG support
10050003	Bad configuration: endworkers set to timeout
Explanation	RPC server was started with an incomplete configuration file: Parameter <code>endworkers</code> has been set to timeout.
Action	Restart server with desired definition.
10050004	Bad configuration: MinWorkers set to <number>
Explanation	RPC server was started with an inconsistent configuration file: Parameter <code>minworkers</code> was either less than 1 or greater than the available thread entries.
Action	Restart server with desired definition.
10050005	Bad configuration: MaxWorkers set to <number>
Explanation	RPC server was started with an inconsistent configuration file: Parameter <code>maxworkers</code> was either greater than the available thread entries or (if <code>endworkers=never</code> was not specified) was less than 2.
Action	Restart server with desired definition.
10050006	MaxWorkers must not be less than MinWorkers
Explanation	RPC server was started with an inconsistent configuration file: Parameter <code>minworkers</code> was greater than <code>maxworkers</code> .
Action	Restart server with desired definition.
10050007	ERXInit() failed
Explanation	Initialization of ERX runtime failed. This message is accompanied by an ERX runtime error message.
Action	Check ERX runtime error message for further action.
10050008	Create Instance failed
Explanation	A new thread could not be established. This message is accompanied by message 10050009.
Action	See message 10050009 for further action.

10050009	Search for free entry in Thread table failed
Explanation	The predefined thread table is full. This table normally is 256 entries long, under CICS there are 38 entries located in the ERX main control block. With ENDW=USER, each user thread requires an additional entry.
Action	Check reason of the overflow: if a thread abnormally terminates (abends), the thread entry might be marked as UNUSABLE. If there are too many abnormal terminations during the lifetime of the RPC server, the table might be shortened. In other cases, contact Software AG support.
10050010	Get Server status failed
Explanation	Internal function failed. This message follows a genuine error message.
Action	Check original ERX error message for further action.
10050011	Set Server status failed
Explanation	Internal function failed. This message follows a genuine error message.
Action	Check original ERX error message for further action.
10050012	Follow Worker creation failed
Explanation	Internal function failed. This message follows a genuine error message.
Action	Check original ERX error message for further action.
10050013	ERXRegister() failed
Explanation	Register call to ERX runtime failed. This message is accompanied by a genuine error message.
Action	Check original ERX error message for further action.
10050014	ERXLogon() failed
Explanation	Logon call to ERX runtime (logon to Broker) failed. This message is accompanied by a genuine error message.
Action	Check original ERX error message for further action.
10050015	ERXLogoff() failed
Explanation	Logoff call to ERX runtime (logoff from Broker) failed. This message is accompanied by a genuine error message.
Action	Check original ERX error message for further action.

10050016	ERXUnregister() failed
Explanation	Unregister call to ERX runtime failed. This message is accompanied by a genuine error message.
Action	Check original ERX error message for further action.
10050017	Server Statistics:
Explanation	Informational. This message is the header of the statistic messages 10050018 - 10050023 which will be printed when RPC server terminates.
Action	None.
10050018	Conversations successful <number>
Explanation	Informational. Prints the number of conversational and non-conversational calls.
Action	None.
10050019	Workers successful <number>
Explanation	Informational. Prints the number of worker threads with normal end.
Action	None.
10050021	Workers failed in executing <number>
Explanation	Informational. Prints the number of worker threads with abnormal end.
Action	None.
10050022	Workers maximum parallel active <number>
Explanation	Informational. Prints the maximum number of concurrently active worker threads.
Action	None.
10050023	Workers failed in starting <number>
Explanation	Informational. Prints the number of failing worker threads.
Action	None.
10050024	ERXEndServing() failed
Explanation	EndServing call to ERX runtime (Broker DEREGISTER) failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.

10050025	Check Worker creation failed
Explanation	Internal function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050026	Create Worker failed
Explanation	Internal function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050027	Set Worker status failed
Explanation	Internal function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050028	Check for Worker stop failed
Explanation	Internal function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050029	Check for new Worker to create failed
Explanation	Internal function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050030	ERXDynamicParmGeneration() failed
Explanation	Internal function to prepare the data conversation failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050031	ERXUnmarshal() failed for <library> <program>
Explanation	Internal function for data conversation failed, <library>= <i>requested Library</i> , <program>= <i>requested Program</i> . This message is accompanied by a genuine error message.
Action	Verify that the data received from client is correct. It may be necessary to reproduce the error while tracing is on.

10050032	ERXMarshal() failed for <library> <program>
Explanation	Internal function for data conversation failed, <library>= <i>requested Library</i> , <program>= <i>requested Program</i> . This message is accompanied by a genuine error message.
Action	Verify that the data sent by a server subroutine is correct. It may be necessary to reproduce the error while tracing is on.
10050033	Could not resolve RPC call for <library> <program>
Explanation	A client request could <i>not</i> be answered successfully. The client is notified with the appropriate protocol error, depending on the genuine error. This message is accompanied by a genuine error message.
Action	Check original messages for possible errors.
10050034	Exception Type=<type> received!
Explanation	SignalHandler indicates critical error. Depending on the operating system, dump information will be provided. Message 10050060 provides information about the program that is involved in this abend.
Action	Check message 10050060 for more information.
10050035	ERXBeginServing() failed
Explanation	BeginServing call to ERX runtime (Broker REGISTER) failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050036	SAG EntireX RPC server <Runtime platform>
Explanation	Informational. This message is the header of the information messages 10050037 - 10050042 and 10050051 - 10050052 which are printed when RPC server is started.
Action	None.
10050037	Minworkers (free for new conversation) <number>
Explanation	Informational. Prints <code>minworkers</code> startup parameters.
Action	None.

10050038	Maxworkers (max parallel active) <number>
Explanation	Informational. Prints <code>maxworkers</code> startup parameters.
Action	None.
10050039	Endworkers (criteria when to stop) ... <number>
Explanation	Informational. Prints <code>endworkers</code> startup parameters.
Action	None.
10050040	Timeout (in seconds for Broker) ... <seconds>
Explanation	Informational. Prints <code>timeout</code> startup parameters.
Action	None.
10050041	API used (for Broker) <api-version>
Explanation	Informational. Prints <code>ETB_APIVERS</code> startup parameters.
Action	None.
10050042	Codepage (for data conversion) <CodePage>
Explanation	Informational. Prints <code>CODEPAGE</code> startup parameters.
Action	None.
10050043	Invalid Thread Status
Explanation	Internal check has detected an error in thread status logic. The reason might be system shortages. The thread might be flaged unusable.
Action	Check if the server can still continue working. If not, restart server. If problem persists, contact Software AG support.
10050044	ERXDynDispatch() failed
Explanation	Dispatcher call to ERX runtime (Broker <code>RECEIVE</code>) failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.

10050045	SERVER
Explanation	Informational. This token is used to identify the originator thread of a message.
Action	None.
10050046	Worker
Explanation	Informational. This token is used to identify the original thread of a message.
Action	None.
10050047	Transaction Control Callback failed
Explanation	Internal function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050048	Server Control Callback failed
Explanation	Internal callback function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050049	Client Identification Callback failed
Explanation	Internal callback function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050050	Init Globals failed
Explanation	Internal function failed. This message is accompanied by a genuine error message. CICS: This message will also be used to dynamically initialize a shared memory block within the ERX Main control block.
Action	Check original error message for further action. CICS: Recompile and/or reload ERX Main control block.
10050051	Broker Id (default) ... <BrokerID>
Explanation	Informational. Prints BROKERID startup parameters (entered in the command line or configuration parameter BrokerID).
Action	None.

10050052	Service Name (default) <ClassName><ServerName><Service>
Explanation	Informational. Prints CLASS SERVER SERVICE startup parameters (entered in the command line or configuration parameter Class, ServerName and Server).
Action	None.
10050053	Load of Memory <MapName> failed
Explanation	CICS only: ERX Main control block could not be loaded.
Action	Check CICS resource definitions and if module exist in DFHRPL load library.
10050054	Invalid Memory Version=<version> found in <MapName>
Explanation	CICS only: Invalid version detected in ERX Main control block. Either the version is out of support or (most likely) the control is corrupt.
Action	Recompile ERX Main control block with updated ERXMAIN macro.
10050055	Read of Memory <MapName> failed
Explanation	The message indicates an error with ERX Main control block. This message is accompanied by a genuine error message.
Action	Check original messages for possible errors.
10050056	Usage : <SeverName> Broker@Server/Class/Service [-Option] or : <SeverName> Broker Class Server Service [-Option] or : <SeverName> CFG=ConfigFile.cfg [-Option]
Explanation	Usage error. The correct syntax will be displayed. The server will terminate.
Action	Start server again with correct syntax.
10050057	or : <ServerName> MEM=memory
Explanation	Operating system-dependent USAGE message, part of message 10050056.
Action	Start server again with correct syntax.
10050058	Option : -s[ilent] suppresses input from STDIN Default: <ServerName> ETB001 RPC SRV1 CALLNAT
Explanation	Operating system-dependent USAGE message, part of message 10050056.
Action	Start server again with correct syntax.

10050059	Press Return key to continue.
Explanation	Part of message 10050056.
Action	Confirm usage messages and start server again with correct syntax.
10050060	Program program-name abended with exception= exception-code
Explanation	(Customer) server subroutine <program-name> has abended. Depending on the operating system, dump information will be provided. The server will continue running. The thread in which the abend occurred will be terminated or (if not possible) will be marked as UNUSABLE.
Action	Correct the malfunctioning subroutine.
10050061	Not yet implemented
Explanation	Informational message.
Action	None.
10050062	ERXTerminateServer() failed
Explanation	The complex function <code>ERXTerminateServer</code> will communicate with the Broker to stop all existing replicas for this server. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050063	Conversations aborted number
Explanation	Informational. Prints the number of "unsuccessful" calls: <ul style="list-style-type: none">■ all calls that return with error because of server subroutine problem and/or data conversations,■ Broker (timeout) terminated the call■ client terminates during conversation■ in conversational mode: the conversation did not finish with <code>DISCONNECT - COMMIT</code>.
Action	None.
10050064	Thread stopped because of major problems
Explanation	Internal error in server. This message is accompanied by a genuine error message.
Action	Check original error message for further action.

10050065	ERXFreeVData() failed
Explanation	Service function failed. This message is accompanied by a genuine error message.
Action	Check original error message for further action.
10050066	The max. thread entries available number
Explanation	Informational. This message is printed to a trace file. The maximum number of thread entries is 256. Exception: under CICS it is automatically calculated from free memory in the ERX Main control block.
Action	None.
10050067	Server is starting.....
Explanation	Informational. This message is accompanied by a timestamp. The message will be generated after the Broker availability has been successfully tested. See also message no. 10050069.
Action	none
10050068	Server is stopping.....
Explanation	Informational. This message is accompanied by a timestamp.
Action	none.
10050069	Broker not available, has tried to connect x times
Explanation	The EntireX RPC server detected that the Broker is not available (either during startup or at runtime). Depending on the restartcycles option, the server will try to logon again after a one-minute timeout. If the Broker becomes available during these restart cycles, the server will continue with message 10050067. Otherwise, it will terminate.
Action	Restart Broker, if desirable.
10050071	Broker Id (logical) ... <BrokerID>
Explanation	Informational. Prints the logical Broker ID entered via the configuration parameter LogicalBrokerID. If applied, calls the location transparency lookup.
Action	None

10050072	Service (logical) <Service>
Explanation	Informational. Prints the logical Broker ID entered via the configuration parameter <code>LogicalService</code> . If applied, calls the location transparency lookup.
Action	None
10050073	Set-Name (location transparency) <SetName>
Explanation	Informational. Prints <code>SetName</code> for location transparency set via the configuration parameter <code>LogicalSetName</code> .
Action	None
10050074	Broker ID (in use) <BrokerID>
Explanation	Informational. Prints the Broker ID with which a session is requested. This Broker ID can be different from the default Broker ID or the logical Broker ID.
Action	None
10050075	Service (in use) <ClassName>, <ServerName>, <Service>
Explanation	Informational. Prints the class name, server name and service with which a connection is established. The values can be different from the default or the logical service
Action	None
10050076	ERX runtime version and RPC server not compatible
Explanation	Your EntireX Installation is destroyed.
Action	Reinstall EntireX.
10050077	Response number from RPC server
Explanation	The EntireX RPC server returned an error.
Action	See under error <i>number</i> for further explanation and action to take.
10050082	Callee not found
Explanation	The EntireX/Natural RPC Server did not find the server program.
Action	Depending on the type of your RPC server, one of the following situations may apply: <ul style="list-style-type: none"> 1. If the server is an EntireX RPC server on Windows/UNIX: <ul style="list-style-type: none"> ■ The server stub with the name <i>D<library>.dll</i> on Windows or <i>D<library>.so sl</i> on UNIX must be accessible to the EntireX RPC server. The program called must be available within that library as an export named <i>D<program></i>. ■ The same applies to the server program. A server with the name <i><library>.dll</i> on Windows or <i><library>.so sl</i> on UNIX must be accessible to the EntireX RPC server.

The program called must be available within that library as an export named *<program>*.

Check read/execution access, library names and exports.

2. If the server is an EntireX RPC server on CICS:

- A program named *<program>* must exist in the DFHRPL steplib concatenation.
- The program must be CSD-defined and (depending on CICS version) must be installed.

3. If the server is a Natural RPC Server:

- If Natural Logon is switched on for the request or conversation, the program must be found within the target library (or its steplib concatenation).
- If Natural Logon is switched off for the request or conversation, the program must be found in the initial library (or its steplib concatenation) of the Natural RPC Server.

See also the appropriate Natural documentation.

4. If the server is an EntireX XML/SOAP RPC Server:

- The server classes must be accessible from the EntireX XML/SOAP RPC Server.
- Make sure that the path of the server classes is in the classpath.

10050083	SMH is listening on port <port>
Explanation	Informational. Message will be displayed if SMH service was successfully established. The local listener port will be exposed.
Action	None.
10050084	Shared library EXXRPCSTP not found or in error
Explanation	Some platforms require the shared library EXXRPCTCP to establish SMH services.
Action	Check your installation: On Windows, the library <i>exxrpctcp.dll</i> should be contained in <i><drive>:\SoftwareAG\EntireX\bin</i> ; on UNIX, the library <i>libexxrpctcp.so</i> should be contained in folder <i>/opt/softwareag/EntireX/lib</i> .
10050085	Major problems with TCP
Explanation	The EntireX RPC server could not use TCP to support SMH services. This message is issued if TCP requests fail completely.
Action	Contact your system administrator.

- 10050086** **Invalid job control - WORKER-PARMS is empty**
Explanation The SDF variable WORKER-PARMS in S-procedure START-RPC-SERVER is not set up correctly. This message will be sent by RPC servers under BS2000/OSD only.
Action Correct the job control and rerun the job.
- 10050087** **Shared memory could not be established**
Explanation An error occurred while establishing the main or a worker task. This message will be sent by RPC servers under BS2000/OSD only.
Action Contact Software AG support.
- 10050088** **Abnormal termination during program execution**
Explanation The server program called by the EntireX/Natural RPC Server caused an abnormal end.
Action Check the program and correct the error.
- 10050089** **ERXSetSecurity() failed**
Explanation RPC server was started with option KERNELSECURITY, but failed.

This message is accompanied by a genuine error message.
Action Correct installation error and restart.
- 10050090** **Broker Kernel-Security..... <level>**
Explanation Informational.

RPC server runs with broker KERNELSECURITY=<level>.
Action None.
- 10050091** **Authentication failed: user=<userid>, reason=<reason>**
Explanation The host security refused an authentication request.
Action Inspect reason code. Retry if password mistyped, otherwise contact your security administrator.
- 10050092** **Security could not be initialized, reason=<reason>**
Explanation Internal PC routines could not be installed.
Action Inspect reason code and contact your system administrator.

10050093	Reserved
Explanation	
Action	
10050094	Cannot reset authentication, reason=<reason>
Explanation	The host security refused to reset a previously performed authentication request.
Action	Inspect reason code and contact your security administrator.
10050095	ERX Runtime not found
Explanation	EntireX RPC server requires the ERX shared library to be available. On Windows this is usually located in directory <drive>:\SoftwareAG\EntireX\bin.
Action	Check EntireX installation. Verify that the <i>erx.dll</i> is in standard installation path.
10050096	PL/I stack level exceeded
Explanation	RPC server received request for target PL/I application but application interface has higher indent level than PL/I supports (32).
Action	Correct RPC client application.
10050097	RPC server does not support SVM version <svm-version> found in server mapping
Explanation	The server mapping accessed with IDL library and IDL program for the RPC request contained an SVM version not supported by the RPC server.
Action	Contact Software AG support for RPC server upgrade.
10050098	RPC server does not support RPC version <rpc-version> found in server mapping
Explanation	The server mapping accessed with IDL library and IDL program for the RPC request contained an RPC version not supported by the RPC server.
Action	Contact Software AG support for RPC server upgrade.
10050099	SVM version <svm-version> found in server mapping invalid
Explanation	The server mapping accessed with IDL library and IDL program for the RPC request contained a server mapping version with an invalid format.
Action	Try to produce the server mapping again and redeploy. If this fails, contact Software AG support.

10050100 Interface type <interface-type> not supported

Explanation The server mapping accessed with IDL library and IDL program for the RPC request contained an interface type which is not supported by the RPC server and/or the platform the RPC server is running.

The following interface types are supported:

Interface Type	Supported by											
	Wrapper	Extractor	RPC Server									
			z/OS			UNIX/Windows			BS2000/ OSD	z/VSE		
			CICS	Batch	IMS	ECI	Micro Focus	IMS Connect	Batch	CICS	Batch	
CICS with DFHCOMMAREA calling convention	yes	yes	x			x					x	
CICS with DFHCOMMAREA large buffer interface	yes	yes	x								x	
CICS with Channel Container calling convention	yes	yes	x									
Batch with standard linkage calling convention	yes	yes		x	x					x		x
Micro Focus with standard linkage calling convention	yes	yes					x					
IMS BMP with standard linkage calling convention	yes	yes			x							
IMS MPP message interface (IMS Connect)	no	yes						x				

Action Probably a user error. For example, you deployed a CICS interface type to a Batch RPC server. Deploy only those server mappings to the RPC server where the interface type is supported. See *Server Mapping Deployment*.

10050101	Server mapping file in use..... Yes
Explanation	If the RPC server uses an SVM file this message will be printed, otherwise no message.
Action	None.
10050102	EXTRACTOR service name reserved for internal use
Explanation	The RPC server did not come up. In the RPC server configuration, EXTRACTOR is specified as the broker service name, but EXTRACTOR is used for internal purposes of the RPC server and is a Software AG reserved service name.
Action	Do not specify EXTRACTOR as the broker service name in the RPC server configuration, and restart the RPC server.
10050103	DEPLOYMENT service name reserved for internal use
Explanation	The RPC server did not come up. In the RPC server configuration DEPLOYMENT is specified as the broker service name, but DEPLOYMENT is used for internal purposes of the RPC server and is a Software AG reserved service name.
Action	Do not specify DEPLOYMENT as the broker service name in the RPC server configuration, and restart the RPC server.
10050104	Deployment service defined but could not open SVM file
Explanation	The RPC server did not come up. In the RPC server configuration, the deployment service is specified, but the SVM file could not be opened for one of the following reasons:
	<ul style="list-style-type: none"> ■ The SVM file is missing. For a CICS RPC server, see the file definition ERXSVM. For a Batch RPC server, see the DD statement ERXSVM. ■ The SVM file has mismatched DCB parameter. ■
Action	Check your installation.
10050110	Call for CICS DFHCOMMAREA exceeds 32K limit
Explanation	The CICS RPC Server tried to call an RPC server with a DFHCOMMAREA interface, but the length of the data exceeded the CICS DFHCOMMAREA maximum of 32 KB.
Action	Check the interface of the RPC server called: <ul style="list-style-type: none"> ■ If it is <i>not</i> a DFHCOMMAREA interface but a Large Buffer or Channel Container interface, the server mapping (SVM) file may be missing or is wrong. See <i>Deploying a Server Mapping File</i> in the COBOL Wrapper documentation. ■ If it is a DFHCOMMAREA interface, it is not possible to call such an RPC server. Check if you can migrate the RPC Server to a Large Buffer or Channel Container interface. See <i>Supported COBOL Interface Types</i> under <i>Introduction to the IDL Extractor for COBOL</i> or <i>COBOL Server Interface Types</i> under <i>Introduction to the COBOL Wrapper</i>.

- 10050111** **Cannot load interface library EXX2MF**
- Explanation** The EntireX server was started as Micro Focus server, but the interface library *EXX2MF* was not found or could not properly be initialized.
- Action** ■ Check if the library *EXX2MF* can be found in the standard EntireX installation directory and if it is valid.
- Check for the Micro Focus installation if the library directory is located in the OS-library path.
- Note:** Software AG might not support Micro Focus on your platform.
-
- 10050112** **EXX2MF initialization error**
- Explanation** The EntireX interface library *EXX2MF* could not properly perform (thread) initialization.
- Action** Check the Micro Focus installation.
-
- 10050113** **Invalid usage of SAG service**
- Explanation** EntireX services EXTRACTOR or DEPLOYMENT were used other than by broker services EXTRACTOR or DEPLOYMENT.
- Action** ■ For the EntireX RPC client: use broker service EXTRACTOR and broker service DEPLOYMENT respectively.
- For the EntireX RPC server: configure the RPC server with EXTRACTOR=YES and DEPLOYMENT=YES.
- Allow services EXTRACTOR and DEPLOYMENT in the Broker attribute file.
-
- 10050114** **No matching user ID**
- Explanation** The EntireX RPC server runs with option IMPERSONATION=AUTO, SAME_USER. This requires the client to send both, the EntireX user ID as well as the RPC user ID and the IDs must be equal.
- Action** Correct your EntireX client.
-
- 10050116** **Deployment service not supported in that configuration**
- Explanation** Deployment service is feasible only when using the programming language COBOL for the server programs (see also configuration parameter MARSHALLING in the respective RPC documentation section).
- Action** Check the RPC server configuration options for consistency.

10050117	Server mapping file (SVM) parameter required
Explanation	By default, COBOL support under UNIX or Windows requires SVM records, but no SVM path was specified or PATH is invalid. See SVM parameter in the configuration file.
Action	Correct the RPC server configuration.
10050118	No SVM file/record found but required
Explanation	The EntireX RPC server runs with COBOL support but no record was found for this particular RPC request.
Action	<ul style="list-style-type: none"> ■ Check the RPC server installation. ■ Deploy a valid SVM record by the EntireX Workbench.
10050119	Wrong SVM record type found
Explanation	Inconsistent SVM record found for this RPC request.
Action	Redeploy a valid SVM record by the EntireX Workbench.
10050120	WARNING! API-area was exceeded! Lib=<Library> Pgm=<program>
Explanation	EntireX server has found an application that exceeded the calculated API size. The impact depends on how much the limit is exceeded by.
Action	Check that the program interface definition (IDL file) matches the server's interface.
10050122	EntireX RPC server error 122 occurred
Explanation	An error occurred within the RPC Server runtime while deallocating storage during worker task shutdown.
Action	None.
10050123	Invalid transaction ID
Explanation	The (CICS) RPC server was started with transaction ID different to the transaction-id that was specified in ERXMAIN control block.
Action	The transaction IDs must be unique.

10050124	Server already active
Explanation	An attempt was made to start (CICS) RPC server a second time.
Action	This message was issued by the RPC server (see also message 10170004). Only one server instance can be started using the same shared memory block (ERXMAIN control block).
10050125	No free server resources available
Explanation	An attempt was made to start a RPC worker or user task, but the allocated thread table has no more free entries.
Action	Either reduce the MAXW parameter or increase the SIZE parameter. Check also the server log file for errors, because this situation may also be caused by aborting threads.
10050126	RPC up and running
Explanation	Message of RPC server running under z/OS. Informational. Supports process automation.
Action	None.
10050127	RPC in closure
Explanation	Message of RPC server running under z/OS. Informational. Supports process automation.
Action	None.
10050129	Invalid parameter/program search order
Explanation	Internal error.
Action	Contact Software AG support
10050130	Service not supported. (<service>)
Explanation	The server was configured to use a feature that is not supported under this operation system.
Action	Change server configuration.
10050131	Setting CICS sync point failed (<resp>, <resp2>)
Explanation	RPC server under CICS tried to perform EXEC CICS SYNCPOINT (due to end of conversation) but failed.
Action	Check CICS response codes for this error.

10050132	Server option <option> deprecated
Explanation	At startup, the server found an option that is deprecated.
Action	The message is informational. Normally, the option will still be supported for compatibility reasons, but support may be withdrawn in a future release. See <i>EntireX Version 9.6 Release Notes</i> for recommended action.
10056971	EntireX RPC server error 6971 occurred
Explanation	The cause of the error and corrective action depends on the type of your RPC server.
Action	<ul style="list-style-type: none"> ■ If the server is an EntireX RPC server, contact Software AG support because of internal problems within the server. ■ If the server is a Natural RPC Server, see the appropriate Natural documentation for error 6971.
10056974	EntireX RPC server error 6974 occurred
Explanation	The cause of the error and corrective action depends on the type of your RPC server.
Action	<ul style="list-style-type: none"> ■ If the server is an EntireX RPC server, increase your memory resources and retry the program because a memory request could not be fulfilled by the operating system. ■ If the server is a Natural RPC Server, see the appropriate Natural documentation for error 6974.
10056977	EntireX RPC server error 6977 occurred
Explanation	The EntireX/Natural RPC request could not be executed.
Action	Examine the log of the EntireX/Natural RPC Server for the cause of the malfunction.
10056978	EntireX RPC server error 6978 occurred
Explanation	The cause of the error and corrective action depends on the type of your RPC server.
Action	<ul style="list-style-type: none"> ■ If the server is an EntireX RPC server, the reason could be an invalid compression value. ■ If the server is a Natural RPC Server, refer to the appropriate Natural documentation for error 6978.

34

Message Class 1006 - DCOM Wrapper

This message class is returned if an error occurred in the DCOM Wrapper. Messages of this class have the format:

1006*nnnn*

where 1006 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10060001	User ID - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for user ID.
Action	Check access to user ID. The correct data type for user ID is the automation data type BSTR.
10060002	User ID - invalid length (maximum length is 32 characters)
Explanation	The user ID is too long.
Action	Check access to user ID. Maximum length of user ID is 32 characters.
10060003	Password - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for password.
Action	Check access to password. The correct data type for password is the automation data type BSTR.

10060004	Password - invalid length (maximum length is 32 characters)
Explanation	The password is too long.
Action	Check access to password. Maximum length of password is 32 characters.
10060005	New password - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for new password.
Action	Check access to new password. The correct data type for new password is the automation data type <code>BSTR</code> .
10060006	New Password - maximum length is 32 characters
Explanation	The new password is too long.
Action	Check access to new password. Maximum length of new password is 32 characters.
10060008	RPC user ID - maximum length is 32 characters
Explanation	The RPC user ID is too long.
Action	Check access to RPC user ID. Maximum length of RPC user ID is 32 characters.
10060010	RPC password - maximum length is 32 characters
Explanation	The RPC password is too long.
Action	Check access to RPC password. Maximum length of RPC password is 32 characters.
10060011	Token - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for token.
Action	Check access to token. The correct data type for token is the automation data type <code>BSTR</code> .
10060012	Token - maximum length is 16 characters
Explanation	The token is too long.
Action	Check access to token. Maximum length of token is 16 characters.
10060014	Security token - maximum length is 32 bytes
Explanation	The security token is too long.
Action	Check access to security token. Maximum length of security token is 32 bytes.

10060015	Broker ID - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for Broker ID.
Action	Check access to server address. The correct data type for Broker ID is the automation data type <code>BSTR</code> .
10060016	Broker ID - maximum length is 32 characters
Explanation	The Broker ID is too long.
Action	Check access to server address. Maximum length of Broker ID is 32.
10060017	Server Class - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for server class.
Action	Check access to server address. The correct data type for server class is the automation data type <code>BSTR</code> .
10060018	Server Class - maximum length is 32 characters
Explanation	The server class is too long.
Action	Check access to server address. Maximum length of server class string is 32 characters.
10060019	Server Name - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for server name.
Action	Check access to Server Address. The correct data type for server name is the automation data type <code>BSTR</code> .
10060020	Server Name - maximum length is 32 characters
Explanation	The server name string is too long.
Action	Check access to server address. Maximum length of server name string is 32 characters.
10060021	Service Name - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for service name.
Action	Check access to server address. The correct data type for service name is the automation data type <code>BSTR</code> .

10060022	Service Name - maximum length is 32 characters
Explanation	The service name string is too long.
Action	Check access to server address. Maximum length of service name string is 32 characters.
10060023	Invalid server address format
Explanation	The format of server address is invalid.
Action	Check access to server address. The correct format is <brokerID>[:<port>]@server class/server name/service name.
10060024	Invalid server address
Explanation	The server address string is invalid.
Action	Check access to server address. The correct format is <brokerID>[:<port>]@server class/server name/service name.
10060026	Library name - maximum length is 8 characters
Explanation	The library name is too long.
Action	Check access to Library. Maximum length of library name is 8 characters.
10060027	Natural Logon - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for Natural Logon.
Action	Check access to Natural Logon. The correct data type for Natural Logon is the automation data type <code>BSTR</code> .
10060028	Natural Logon - invalid length
Explanation	The Natural Logon consists of more than one character.
Action	Check access to Natural Logon. Values for Natural Logon are 'N' or 'Y', or use the definition in <code>ERX.H</code> <code>ERX_NATURAL_LOGON_NO</code> or <code>ERX_NATURAL_LOGON_YES</code> , respectively.
10060029	Compression - invalid type
Explanation	The method <code>SetInfo()</code> is called with the wrong data type for compression.
Action	Check access to compression. The correct data type for compression is the automation data type <code>BSTR</code> .

10060030	Compression - invalid length
Explanation	The Compression consists of more than one character.
Action	Check access to compression. Values are '1' or '2', or use the definition in ERX.H ERX_COMPRESSION_NO or ERX_COMPRESSION_YES, respectively.
10060031	Timeout - invalid type
Explanation	The method SetInfo() is called with the wrong data type for timeout.
Action	Check access to timeout. The correct data type for timeout is the automation data type LONG.
10060033	Force Logon - invalid type
Explanation	Wrong data type for ForceLogon attribute.
Action	Check access to ForceLogon. The correct data type for ForceLogon is the automation data type BSTR.
10060034	Force Logon - invalid length
Explanation	Wrong length of ForceLogon attribute.
Action	Check access to ForceLogon. Maximum length of ForceLogon is 1 character.
10060035	Encryption Level - invalid type
Explanation	Wrong data type for EncryptionLevel attribute.
Action	Check access to EncryptionLevel. The correct data type for EncryptionLevel is the automation data type BSTR.
10060036	Encryption Level - invalid length
Explanation	Wrong length of EncryptionLevel attribute.
Action	Check access to EncryptionLevel. Maximum length of EncryptionLevel is 1 character.
10060037	SSL String - invalid type
Explanation	Wrong data type for SSL string
Action	Check access to SSL string. The correct data type for SSL string is the automation data type BSTR.

10060039	Property: string too long
Explanation	The string is longer than determined in the IDL file.
Action	Check access to attributes inside a group definition.
10060040	Property: get invalid array
Explanation	An attempt is made to set a property for an array which contains at least one corrupt element.
Action	Check and correct the application.
10060041	Property: get null pointer
Explanation	The property is accessed with a null pointer.
Action	Check and correct the application.
10060042	Date format is invalid
Explanation	Wrong data type for date attribute.
Action	Check variables used in method call. The automation data type for date is double.
10060043	Time format is invalid
Explanation	Wrong data type for time attribute.
Action	Check variables used in method call. The automation data type for time is double.
10060044	Sign found that is not in first position of alpha-string
Explanation	The alpha-string to be converted to a Natural data type Packed or Non-packed contains a sign character on first position of the alpha string.
Action	Check and correct the application.
10060045	Alpha string with multiple signs found
Explanation	The number string contains more than one sign.
Action	Check and correct the application.
10060046	Alpha string with multiple precisions found
Explanation	The number string contains more than one decimal point.
Action	Check and correct the application.

10060047	Alpha string contains invalid character
Explanation	The number string contains unexpected characters.
Action	Check and correct the application.
10060048	Alpha string with more digits than defined
Explanation	The number format is invalid, the number string has more digits than expected.
Action	Correct the application.
10060050	More digits before decimal point than defined
Explanation	The format of number is invalid, the number has more digits before the decimal point than expected.
Action	Correct the application.
10060051	More digits after decimal point than defined
Explanation	The format of the number is invalid, the number has more digits after the decimal point than expected.
Action	Correct the application.
10060052	Loss of precision during conversion
Explanation	A value of N/P data type is cut or rounded during conversion.
Action	Check your N/P data types. Resize these data types in the Software AG IDL file or change the feature setting.
10060053	Number/string is too long
Explanation	A value is cut or rounded during conversion.
Action	Check your values. Correct values in your application or change feature setting.
10060054	Parameter out of range
Explanation	A numeric data type is used with a value which exceeds the valid range.
Action	Correct values in your application.

10060055	Length of K data type must be an even number for the current codepage
Explanation	A K data type is not correctly specified in the IDL file for the used codepage.
Action	Check the K data type in the IDL file. Change the length of the K data type in the IDL file to an even number and re-generate the object.
10060057	Conversion from Numeric to Alpha failed
Explanation	The conversion from Natural data type Packed or Non-packed failed.
Action	Check the values of the attributes with N or P declaration in the IDL file.
10060058	Conversion from Alpha to Numeric failed
Explanation	The conversion from a string to Natural data type Packed or Non-packed failed.
Action	Check the values of the attributes with N or P declaration in the IDL file.
10060059	MultiByte to WideCharacter conversion failed
Explanation	The conversion from local character set to wide character set failed.
Action	Internal or user error. Retry method call.
10060060	WideCharacter to MultiByte conversion failed
Explanation	<ol style="list-style-type: none">1. Converted string is longer than size of data type specified in the IDL file.2. Conversation method cannot convert the input wide-character string to multibyte-character string. The input string may have invalid characters.3. The codepage used does not exist.
Action	<ol style="list-style-type: none">1. Check the length of the input string.2. Check the input string.3. Check the codepage number entered in the CodePage property.
10060061	String allocation failed
Explanation	The automation server cannot allocate a string.
Action	Increase your free memory, for example by closing another application.

10060062	String reallocation failed
Explanation	The automation server cannot reallocate a string.
Action	Increase your free memory, for example by closing another application.
10060063	Corrupt pointer
Explanation	The conversion method received a null pointer and cannot handle this situation.
Action	Check and initialize this pointer with a valid value.
10060064	Memory allocation failed
Explanation	The automation server cannot allocate the required memory.
Action	Increase your free memory, for example by closing another application.
10060065	Wrong dimension of array
Explanation	The array has an at least one unexpected dimension.
Action	Correct your program.
10060066	Invalid array
Explanation	An array is corrupt.
Action	Correct your program.
10060067	Access to array failed
Explanation	An array has at least one corrupt element.
Action	Check and correct your program.
10060068	Invalid group array
Explanation	The array or one of its elements is corrupt.
Action	Correct your program.
10060069	Registration failed
Explanation	Something went wrong during the registration of the ERX runtime.
Action	Make sure that the ERX runtime and the DCOM Wrapper template have the same version.

10060070	Unexpected method call
Explanation	User has tried to redim a fixed-size array or the dimension of the accessed array is wrong.
Action	Check and correct the application.
10060071	A scalar value is used as array
Explanation	A scalar data type was used, where an array was expected.
Action	Check and correct the application.
10060072	Illegal attempt to redim a fixed-size array
Explanation	User has tried to redim a fixed-size array
Action	Check and correct the application.
10060073	Property put to an index number out of range
Explanation	Property put was attempted to an index number out of range.
Action	Check and correct the application.
10060074	Bad array index
Explanation	The array received from the server does not fit into the array data structure defined on the client side.
Action	Check if client and server use the same data structures.
10060080	Variable-size array contains substructure with wrong dimension
Explanation	User has tried to redim an array in an undefined dimension.
Action	Check and correct the application.
10060081	Variable-size array exceeded the maximum for one dimension
Explanation	User has tried to redim an array and the new size exceeds the defined size.
Action	Check the maximum size allowed in the IDL file and correct the application.
10060082	Null pointer exception
Explanation	The variable array is not defined or not accessible.
Action	Internal or user error. Retry method call.

10060083	Access of variable-size array with bad index
Explanation	The index of the array is not defined or not accessible.
Action	Check and correct the application.
10060084	Number of dimensions of a variable-size array too small
Explanation	The accessed dimension of the array does not exist.
Action	Check and correct the application.
10060085	Variable-size array has an element with unexpected type
Explanation	The variable is not an array or the type of the array is not correct.
Action	Check and correct the application.
10060086	Variable-size array
Explanation	The accessed variable is not an array
Action	Check and correct the application.
10060090	Wrong usage of redimension method
Explanation	The accessed dimension of the array does not exist.
Action	Please redim the 1st dimension of the array first.
10060091	Out of bounds exception
Explanation	The accessed dimension of the array does not exist
Action	Internal or user error. Retry method call.
10060092	Null pointer exception
Explanation	The array is not defined or not accessible.
Action	Internal or user error. Retry method call.
10060093	Index exceeded maximum value
Explanation	The accessed index of the array exceeds the upper bound.
Action	Check and correct the application.

10060096 Access of a structure with null pointer

Explanation The accessed structure does not exist.

Action Check and correct the application.

10060097 Illegal index of required structure

Explanation The accessed index of the structure does not exist.

Action Check and correct the application.

10060100 RPC runtime is not available

Explanation The ERX.DLL does not exist in the EntireX installation.

Action Check if the EntireX RPC Runtime was installed correctly.

10060101 IDL data type <data type> not supported: <text>

Explanation The data type is not supported by the DCOM Wrapper. Programs with this data type will be ignored.

Action No action required.

10061001 Unhandled exception caught. <text>

Explanation There was an unexpected exception caught. The exception might be reported by any used runtime component of EntireX or Microsoft Visual Studio. Please refer the <text> to get detailed information about the reason of this problem.

Action Please see the generated log file for detailed information. The log will be automatically generated into your Microsoft Visual Studio environment. Contact Software AG support.

10061002 Unsupported wizard type

Explanation The Microsoft Visual Studio tries to uses an unsupported wizard type. The EntireX DCOM Wrapper Microsoft Visual Studio Wizard supports only the following wizard types: "Create New Solution" and "Add to Solution".

Action Refer to the Microsoft Visual Studio documentation. Select supported wizard type and retry.

10061003	EntireX installation was not found
Explanation	The EntireX DCOM Wrapper Microsoft Visual Studio Wizard requires an EntireX installation to work.
Action	Install EntireX and retry.
10061004	Java Runtime not found
Explanation	The EntireX DCOM Wrapper Microsoft Visual Studio Wizard requires a Java runtime installation to work. Typically a Java runtime will be installed together with the EntireX installation.
Action	Check your EntireX installation or install Java runtime and retry.
10061005	Software AG IDL file not found
Explanation	The chosen IDL file in the EntireX DCOM Wrapper Microsoft Visual Studio Wizard main panel does not exist.
Action	Check the IDL file name and chose a valid file name.
10061006	Cancel execute, because no IDL file is chosen
Explanation	The input field for the IDL file in the EntireX DCOM Wrapper Microsoft Visual Studio Wizard main panel is empty.
Action	Check the IDL file name and chose a valid file name.
10061007	Generation of a DCOM Wrapper object has failed
Explanation	The generated DCOM Wrapper object could not be found after generation the object.
Action	Check the DCOM Wrapper object file.
10061008	Problem while adding a reference to the project. <text>
Explanation	The generated DCOM Wrapper object could not be added to the project references. See the <text> for detailed information about the reason of this problem.
Action	Please see the generated log file for detailed information. The log will be automatically generated into your Microsoft Visual Studio environment. Contact Software AG support.

- 10061009** **Problem reading template file. <text>**
Explanation The project source code template file could not be added to the project. See the <text> for detailed information about the reason of this problem.
Action Please see the generated log file for detailed information. The log will be automatically generated into your Microsoft Visual Studio environment. Contact Software AG support.
- 10061010** **Problem writing template file. <text>**
Explanation The project source code template file could not be copied into the project directory. See the <text> for detailed information about the reason of this problem.
Action Please see the generated log file for detailed information. The log will be automatically generated into your Microsoft Visual Studio environment. Contact Software AG support.
- 10061011** **Problem to create a new project file from template. <text>**
Explanation The Visual Studio project file could not be created. See the <text> for detailed information about the reason of this problem.
Action Please see the generated log file for detailed information. The log will be automatically generated into your Microsoft Visual Studio environment. Contact Software AG support.
- 10061012** **Problem to create a new solution. <text>**
Explanation The Visual Studio solution file could not be created. See the <text> for detailed information about the reason of this problem.
Action Please see the generated log file for detailed information. The log will be automatically generated into your Microsoft Visual Studio environment. Contact Software AG support.
- 10061013** **Problem to generate DCOM Wrapper Object. <text>**
Explanation The generation of the DCOM Wrapper object could not be completed. The selected IDL file might be not valid.
Action Check the IDL file.
- 10061014** **Internal Problem! Please see log file for more details**
Explanation The EntireX DCOM Wrapper Microsoft Visual Studio Wizard has detected an internal problem. The reason for this problem will be added to the log file.
Action Please see the generated log file for detailed information. The log will be automatically generated into your Microsoft Visual Studio environment. Contact Software AG support.

35

Message Class 1008 - EntireX License

This class indicates an error occurred in the evaluation of the EntireX license file. Messages of this class have the format:

1008*nnnn*

where 1008 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10080001 EntireX license file :1: not found

Explanation The EntireX XML license key file was not found.

Action Check the filename :1:. Check that the EntireX component has read access to the EntireX license file. On UNIX, check the environment variable \$EXXDIR. If this is correct, contact Software AG support.

10080002 The EntireX license has expired

Explanation Your EntireX license has expired.

Action Enter a valid license file on the EntireX Installation preference page or contact Software AG support.

10080003 EntireX is not licensed for your operating system

Explanation Your EntireX license is not valid for your operating system.

Action Enter a valid license file on the EntireX Installation preference page or contact Software AG support.

- 10080004** **EntireX license file does not contain a valid key**
Explanation Your EntireX XML license key file is incorrect and thus invalid.
Action Enter a valid license file on the EntireX Installation preference page or contact Software AG support.
- 10080005** **EntireX license file has been changed or is corrupt**
Explanation Your EntireX XML license key file is incorrect and thus invalid.
Action Enter a valid license file on the EntireX Installation preference page or contact Software AG support.
- 10080006** **Internal error [:1:] in Software AG license interface**
Explanation An internal error occurred during the EntireX license check.
Action Contact Software AG support.
- 10080007** **EntireX license file does not contain EntireX Broker**
Explanation Your EntireX XML license key file is incorrect and thus invalid.
Action Enter a valid license file on the EntireX Installation preference page or contact Software AG support.
- 10080008** **EntireX license file does not contain Subcomponent <:1:> in Component <:2:>**
Explanation The license file does not contain the required subcomponent :1: in the section :2:.
Action Enter a valid license file on the EntireX Installation preference page or contact Software AG support.
- 10080010** **Unable to determine SAG_COMMON**
Explanation The environment variable \$SAG is missing. The installation would appear to be incorrect.
Action Make sure that the product you are using was installed correctly. Otherwise contact Software AG support.
- 10080012** **EntireX license file has no entry for Version :1:**
Explanation The license file does not contain the required version information.
Action Enter a valid license file on the EntireX Installation preference page or contact Software AG support.

10080013	Price unit value of EntireX license file is not valid
Explanation	z/OS: Your EntireX XML license key file is incorrect and thus invalid.
Action	Contact Software AG support.
10080014	Error from QVS interface
Explanation	z/OS: The query interface returned a bad return code.
Action	No action required.
10080015	CPUID :1: is not defined in EntireX license file
Explanation	z/OS: Your EntireX XML license key file does not contain the CPUID :1:.
Action	Contact Software AG support.
10080016	LPAR name :1: is not defined in EntireX license file
Explanation	z/OS: Your EntireX XML license key file does not contain the LPAR name :1:.
Action	Contact Software AG support.
10080017	LPAR name is not accepted with CPU-based pricing model
Explanation	z/OS: Your EntireX XML license key file is incorrect.
Action	The error is currently ignored.
10080018	Machine capacity higher than MSU in EntireX license file
Explanation	z/OS: Your EntireX XML license key file is incorrect.
Action	The error is currently ignored.
10080019	Please check licensed MSU value :1: with SCRT Report
Explanation	z/OS: Your EntireX XML license key file is incorrect.
Action	The error is currently ignored.
10080020	High Availability PStore (RUN-MODE=STANDBY) not licensed
Explanation	This license option for this feature is missing.
Action	Contact Software AG support.

10080021	CPUID :1: is not defined in EntireX license file. It is therefore assumed that you are running in a Disaster Recovery environment
Explanation	z/OS: Your EntireX XML license key file does not contain the CPUID :1:.
Action	Contact Software AG support.
10080022	Not running in a VM
Explanation	EntireX is not running in a virtual machine.
Action	Request a new license to run EntireX in a non-VM environment.
10080023	Error during VM determination
Explanation	An internal error occurred during determination of virtual machine.
Action	Contact Software AG support.
10080024	Present CPU is in a higher performance bucket than licensed
Explanation	The performance bucket in the license key file does not match the CPU of the machine.
Action	Contact Software AG support to request an upgrade of the license key file.
10080025	Error during determination of bucket
Explanation	An internal error occurred during determination of the bucket.
Action	Contact Software AG support.
10080026	Error during determination of CPU model
Explanation	An internal error occurred during determination of the CPU model.
Action	Contact Software AG support.
10080027	Provided buffer is too small
Explanation	An internal error occurred.
Action	Contact Software AG support.
10080028	File read error (fread)
Explanation	The license key file could not be read.
Action	Check if the license key file can be read.

10080029	Trial License Key file must not be write-protected
Explanation	The license key file cannot be modified.
Action	Check the file attributes of the license key file. Set it to writable.
10080030	ASCII-to-EBCDIC (or vice versa) conversion error occurred
Explanation	An internal error occurred during conversion of the license data.
Action	Check if the correct license file was used.
10080031	UTF Conversion Source exhausted
Explanation	An internal error occurred during conversion of the license data.
Action	Contact Software AG support.
10080032	UTF Conversion Target exhausted
Explanation	An internal error occurred during conversion of the license data.
Action	Contact Software AG support.
10080033	File write error (fwrite)
Explanation	The license key file cannot be modified.
Action	Check if write permission is missing or if no space is available.
10080034	GetVersion() failed
Explanation	An internal error occurred.
Action	Contact Software AG support.
10080035	File read error (fseek)
Explanation	The license key file is corrupted and cannot be read.
Action	Contact Software AG support.
10080036	Number of physical CPUs present exceeded
Explanation	The license key file does not reflect the actual number of physical CPUs.
Action	Contact Software AG support to request an upgrade of the license key file.

10080037	Determination of number of CPUs failed
Explanation	An internal error occurred during determination of the number of CPUs.
Action	Contact Software AG support.
10080038	Virtualized environment not included in your product license
Explanation	EntireX is running in a virtual machine without being licensed.
Action	Request a new license to run EntireX in a VM environment.
10080081	The EntireX Adapter license key file does not contain a license for connections to IMS Connect
Explanation	This license option for this feature is missing.
Action	Enter a valid license file on the EntireX Installation preference page or contact Software AG support.
10080082	The EntireX Adapter license key file does not contain a license for connections to CICS ECI
Explanation	This license option for this feature is missing.
Action	Enter a valid license file on the EntireX Installation preference page or contact Software AG support.
10080083	The EntireX Adapter license key file does not contain a license for connections to Direct RPC
Explanation	This license option for this feature is missing.
Action	Enter a valid license file on the EntireX Installation preference page or contact Software AG support.
10080099	Component EntireXBroker without Broker Yes
Explanation	Broker is not authorized to run. Only the Administration Service with RUN-MODE=ADMIN can be started with this license file.
Action	If you want to run a broker other than the Administration Service, contact Software AG support.

36 Message Class 1011 - User-definable SAGTRPC

Conversion Exit

This class indicates errors returned from the SAGTRPC user exit. This class represents errors which can be defined by the developer of the SAGTRPC user exit. The errors documented here occur in the delivered SAGTRPC user exit example and it is not recommended to change the meaning of the errors in your own implementation of the SAGTRPC user exit. The meaning of the error 10119999 must not be changed because the broker checks for it. If you change the meaning of the errors, refer to your implementation of the SAGTRPC user exit. Messages of this class have the format:

1011*nnnn*

where 1011 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10110001	Invalid Function
Explanation	The function code passed from EntireX to the SAGTRPC user exit is invalid.
Action	If you not have changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.
10110002	Unsupported Function
Explanation	The function code passed from EntireX to the SAGTRPC user exit is not supported by your SAGTRPC user exit.
Action	If you not have changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.

10110003	Invalid Direction
Explanation	The direction indicator passed from EntireX to the SAGTRPC user exit is invalid.
Action	If you not have changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.
10110004	Invalid Length
Explanation	The length of the input buffer is invalid (zero).
Action	If you not have changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.
10110005	Codepage not supported
Explanation	The codepage passed from EntireX to the SAGTRPC user exit is not supported.
Action	If you have not changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.
10110006	UECB missing
Explanation	The user exit control block passed to the SAGTRPC user exit is missing.
Action	If you not have changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.
1010007	Invalid InputBuffer
Explanation	The input buffer passed to the SAGTRPC user exit is missing.
Action	If you not have changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.
10110008	Invalid OutputBuffer
Explanation	If you not have changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.
Action	Contact Software AG support.
10110009	No Codepages defined
Explanation	There are no codepages defined within the SAGTRPC user exit.
Action	If you have not changed the original meaning of the error message, contact Software AG. Otherwise check your SAGTRPC user exit.

10119999

Output Buffer overflow

Explanation

This SAGTRPC user exit error signals an overflow of the output buffer during conversion from the SAGTRPC user exit to the broker. The meaning of this error must not be changed because the broker checks for it and, for the receiving application, tries to reread the payload with broker function `RECEIVE , OP=LAST`.

Action

None.

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Message Class 1016 - EntireX RPC Service Messages

This class is used for messages issued by an EntireX RPC Service. Messages of this class have the format:

1016*nnnn*

where 1016 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10161000	EntireX RPC Service successfully installed
Explanation	Informational. The Service was successfully installed to Windows Service Manager.
Action	None.
10161001	EntireX RPC Service failed to install: Windows component - error code
Explanation	The service could not be installed, see Windows component and error code for failure details.
Action	Check with your system administrator to determine whether the failure is an installation problem. Otherwise contact Software AG support.
10162000	EntireX RPC Service successfully removed
Explanation	Informational. The service was successfully removed from Windows Service Manager.
Action	None

10162001	EntireX RPC Service failed to remove: Windows component - error code
Explanation	The service could not be removed, see Windows component and error code for failure details.
Action	Check with your system administrator to determine whether the failure is an installation problem. Otherwise contact Software AG support.
10163000	EntireX RPC Service successfully started
Explanation	Informational. The service successfully launched an EntireX RPC Server.
Action	None
10163001	EntireX RPC Service failed to start: Windows component - error code
Explanation	The service could not be started, see Windows component and error code for failure details.
Action	Check with your system administrator to determine whether the failure is an installation problem. Otherwise contact Software AG support.
10164000	EntireX RPC Service successfully stopped
Explanation	Informational. The service successfully performed EntireX RPC Server stop operation.
Action	None
10164001	EntireX RPC Service failed to stop: Component - reason code
Explanation	The service could not be stopped, see component and reason code for further details.
Action	Check the component and reason code for failure. If it cannot be solved by installation change, contact Software AG support.
10164002	Warning. EntireX RPC server has unexpectedly stopped with rc=error code
Explanation	The rpc server stopped for a reason other than Window Service STOP command. The exit code of the DOS command shell will be added for analysis.
Action	Check the reason code to determine whether this is an installation error or a runtime error. For more information install the service with the trace option and analyze the trace files.

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Message Class 1017 - EntireX RPC Online Maintenance

Facility

Messages have the format:

1017*nnnn*

where 1017 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10170000 **Reserved**

Explanation N.A.

Action N.A.

10170001 **Invalid arg= argument**

Explanation EntireX RPC Online Maintenance Facility was started with an invalid argument. The menu could not be started.

Action Check documentation for valid arguments and start EntireX RPC online maintenance facility again.

10170002 **Input command invalid command**

Explanation An invalid command was entered. The command was ignored.

Action Check documentation for valid commands and syntax and issue again. The Online Maintenance Facility will continue to run.

- 10170003** **Server already active**
- Explanation** An attempt was made to start an RPC server although a server instance is already running. Multiple server instances cannot use the same shared memory block at the same time.
- Action** Check reasons:
1. An instance may be running by mistake: cancel this instance (CICS: with CEMT INQUIRE TASK, force, reload the shared memory).
 2. If more than 1 instance is required, generate a new shared memory block (ERXMAIN) and restart with the new block.
-
- 10170004** **A server instance is already running with this control block**
- Explanation** There was an attempt to change the content of a shared memory block which is used by a running server instance. The change has been rejected.
- Action** If the changes are required for the current shared memory block, stop the associated server first.
- If the changes are meant for a different server (different shared memory block), first switch to the other memory block.
-
- 10170005** **Cannot start RPC server: Reason= reason-code**
- Explanation** The request to start an RPC server failed for a reason other than "1017 0003 Server already active". The (system-dependent) reason code will be added to this error message.
- Action** See reason code.
-
- 10170006** **Cannot load member**
- Explanation** Either the Online Maintenance Menu was started with an invalid memory control block (default: MEM=ERXMAIN) or an invalid command (MEM=) was issued that refers to an unknown memory block.
- Action** 1. If the message is displayed during the start of the Online Maintenance menu, check if the memory control block can be accessed.
2. If the message is displayed after a MEM= command, check for typing errors and if the target control block is available.

10170007	No resources: resource
Explanation	This is a collecting message for system resource problems. The type of resource problems will be added into this message.
Action	Check <i>resource</i> for more information.
10170008	RPC server termination in progress
Explanation	For information purposes. The RPC server received a shutdown command, either issued via the Online Maintenance Menu or some external control facility.
Action	None. The server terminates.
10170009	Invalid ERX control block found: <Name of control block>
Explanation	For some unknown reasons, the EntireX Online Maintenance menu received an invalid control block. The Online Maintenance menu terminates.
Action	Contact Software AG support.
10170010	Server successfully launched
Explanation	Informational. The user requested to start an RPC server instance.
Action	None. Check launch process if RPC server starts successfully.

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Message Class 1018 - EntireX RPC-ACI Bridge

Messages have the format:

1018*nnnn*

where 1018 is the message class, and

nnnn is the message number in the range 0000 - 9999.

10180000

Explanation This error can occur if the ACI server sends an invalid message. The ACI server is not able to return an error code. It can only send a valid message or quit the Broker communication.

Action Correct the ACI server.

10180001

Process request and reply: illegal action <number indicating action>

Explanation During request/reply processing the next action is illegal in the current state.

Action Contact Software AG support.

10180002

<Broker Exception with detailed message>

Explanation An exception with the Broker for ACI occurred during SEND.

Action See message class and message code of the Broker exception and follow detailed message.

10180003	<Broker Exception with detailed message>
Explanation	An exception with the Broker for ACI occurred during RECEIVE.
Action	See message class and message code of the Broker exception and follow detailed message.
10180004	<Broker Exception with detailed message>
Explanation	An exception with the Broker for ACI occurred during shutdown and logoff.
Action	See message class and message code of the Broker exception and follow detailed message.
10180009	<Exception with detailed message>
Explanation	An exception occurred while formatting the message. In most cases, the reason is an inconsistency in the metadata.
Action	See detailed message or contact Software AG support.
10180010	Compression=off not possible
Explanation	An RPC with compression 0 is not supported.
Action	Change compression to 1 or 2.
10180011	Type of marshalling not allowed or Unsupported call type <number of call type>
Explanation	There are two reasons for this error code. 1. for the marshalling property the values 'cobol', 'natural', and '' are allowed. Reason: The value of the property may be invalid. or: The RPC from the client is in the wrong marshalling. 2. The RPC call type is wrong.
Action	Check configuration and client.
10180012	<Exception with detailed message>
Explanation	This exception occurs in message processing.
Action	See detailed message and contact Software AG support.

10180013	Preparing message failed, see log for details
	or:
	Message received from server does not fit buffer
Explanation	There are two reasons for this error code: <ol style="list-style-type: none"> 1. Marshalling of message failed before sending to CICS ECI. 2. The received message has not the expected layout and the values cannot be un-marshalled from it.
Action	Check metadata (IDL, SVM, adapter connections) for consistency or contact Software AG support.
10180015	Transformation error on request: <Exception with detailed message>
Explanation	This exception occurs in message processing.
Action	See detailed message or contact Software AG support.
10180022	Unsupported command <command>
	or
	Exception: <Exception with detailed message>
Explanation	There are two reasons for this error code: <ol style="list-style-type: none"> 1. An unknown internal command is used. 2. An exception occurred during action processing. <p>The log files contain a stack trace.</p>
Action	See detailed message and log files or contact Software AG support.

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Message Class 1020 - IDL Extractor for Natural

Messages have the format:

1020*nnnn*

where 1020 is the message class, and

nnnn are the error numbers grouped as follows:

0001-1999: reserved for Natural SYSIDL Server Application (library SYSIDL)

2000-3999: Communication with Natural and Software AG IDL file handling

4000-5999: Natural data parameter definition parser

6000-9999: not yet allocated

10200001 **Data already retrieved - wrong usage**

Explanation This is an internal error.

Action Contact Software AG support.

10200002 **Invalid Parameter FCT**

Explanation This is an internal error.

Action Contact Software AG support.

10200003 **Error <number> in <name> occurred**

Explanation This is an internal error, whereby <number> is the error given by a module with the name <name>.

Action Contact Software AG support.

10200004	Invalid Parameter FTYPE
Explanation	This is an internal error.
Action	Contact Software AG support.
10200007	Buffer for Parameters too small
Explanation	The maximum number of parameters that can be extracted from a CALLNAT object is restricted.
Action	Contact Software AG support.
10200008	<text>
Explanation	This is an internal error. See <i><text></i> for more information.
Action	Contact Software AG support.
10200009	Functionality not supported
Explanation	This is an internal error.
Action	Contact Software AG support.
10200010	Internal Error
Explanation	This is an internal error.
Action	Contact Software AG support.
10200011	Data Area <data-area-name> not found
Explanation	The data area (PDA with the name <i><data-area-name></i>) referenced in a CALLNAT source was not found in the library of the CALLNAT source and current steplibs.
Action	Check if the data areas referenced in the CALLNAT source are located in the library of the CALLNAT source and current steplibs.
10200012	Steplib table overflow
Explanation	This is an internal error.
Action	Contact Software AG support.

10200013	Unsupported X-Array Lower Bound: <natural-data-type>
Explanation	Natural X-Arrays with variable lower bounds cannot be mapped to Software AG IDL's Unbounded Arrays. <natural-data-type> is the original Natural data type which could not be mapped.
	Examples: (A100/*:10) (I4/*:5) (A/*:100) DYNAMIC
Action	Whenever possible, try to use X-Arrays with variable upper bounds.
10200014	Program <program-name> not found
Explanation	The program with the name <program-name> was not found.
Action	Check if the program exists in the current library.
10200015	<text>
Explanation	1. If the replied error text is "Unable to load/locate symbol table", either <ul style="list-style-type: none"> ■ no object was found or ■ an object cataloged under Natural version x was accessed with Natural version y, whereby x > y. You will receive this error message if, for example, you catalog a subprogram under Natural version 4.2, move it afterwards to a Natural 4.1 environment and try to extract the IDL. 2. For all other situations, refer to <text> for more information.
Action	For situation 1 you have probably mistyped the object or library name in the command-line interface. For situation 2, contact Software AG support.
10200016	SYSSEC<syssec-error-number> <syssec-error-text>
Explanation	A Natural SYSSEC Application error with the error number <syssec-error-number> <syssec-error-text> occurred.
Action	You can display the corresponding SYSSEC Application error and explanation if you log on to library SYSSEC in a Natural Session and enter HELP U<syssec-error-number> in the command line.

10200017	Program not found
Explanation	The program to extract from does not exist. If you are extracting from a remote source, it is possible that it was deleted by a different user in parallel on the remote side.
Action	Restart the extraction from the beginning.
10200018	Reserved
Explanation	None.
Action	None.
10200019	Unsupported V-array: <original-natural-syntax>
Explanation	Natural 1:V arrays cannot be extracted with this version of EntireX. The term <i><original-natural-syntax></i> contains the original Natural definition.
Action	Extract using EntireX 8.1.2 or later, where Natural 1:V arrays are supported.
10200020	Subprogram does not contain any parameters
Explanation	You cannot extract from a program without any parameters.
Action	None.
10200021	Object not found
Explanation	<ol style="list-style-type: none">1. If you are extracting from a mainframe (z/OS, z/VSE, BS2000/OSD) remote side, the symbol table cannot be found or the object (program) cannot be loaded.2. If you are extracting from a UNIX or Windows remote side, the object (program) does not exist. It is possible it was deleted by a different user in parallel on the remote side.
Action	For situation 1: contact Software AG support. For situation 2: none.
10200022	No library given
Explanation	You tried to generate a Natural RPC client and set the option to save or stow on the remote side, but no Natural library was specified in which to save or stow it.
Action	Provide a Natural library name.

10200023	No STOW/SAVE in SYS libraries
Explanation	You tried to generate a Natural RPC client and set the option to save or stow on the remote side in a Natural system (prefix SYS*) library. This is not possible.
Action	Provide a Natural library name for user programs.
10200024	Generation error. <details>
Explanation	You tried to generate a Natural RPC client and a generation error occurred.
Action	Refer to <details> within the message for more information.
10200025	Error <error-number> from RPCI-MSG
Explanation	You tried to generate a Natural RPC client and an error occurred during access to the message collector interface. The term <error-number> contains the error occurred.
Action	Contact Software AG support.
10200026	Error during CAT/STOW
Explanation	You tried to generate a Natural RPC client and set the option <code>stow</code> . This may happen if the Natural program is re-generated (a second time) and is currently being edited. This might be in a different session by another user.
Action	Close the editor or try again later.
10200027	Unsupported array: <original-natural-syntax>
Explanation	You cannot extract from Natural arrays with fixed and variable dimensions, e.g. <ul style="list-style-type: none"> ■ 1 mixed-v-array (A100/10,1:V) ■ 1 mixed-x-array (A100/10,1:*) <p>These forms are not supported with Software AG RPC technology. The term <original-natural-syntax> contains the original Natural definition.</p>
Action	None.
10200028	Natural objects already exist. Mark overwrite to generate. Interface: <idl-program>
Explanation	You tried to re-generate a Natural RPC client (a second time) for the interface defined by the <idl-program> and a previous generated version exists.
Action	Mark to overwrite the previous generated version and retry.

10200029	Information <details> Interface: <idl-program>
Explanation	You tried to generate a Natural RPC client for the interface defined by the <idl-program>.
Action	None. Refer to <details> within the message for more information.
10200030	Error (reason <reason-code>): <reason-text>
Explanation	You tried to generate a Natural RPC client and an error occurred during generation.
Action	Refer to (<reason-code> and <reason-text>) within the message for more information.
10200031	Unsupported data type <original-natural-syntax>
Explanation	You cannot extract, for example, if the Natural data type C (control variable) is within the interface. The data type <original-natural-syntax> is not supported with Software AG RPC technology. The term <original-natural-syntax> contains the original Natural definition.
Action	None.
10202001	The expected version of the Natural SYSIDL is out of range
Explanation	This is an internal error.
Action	Contact Software AG support.
10202004	Natural RPC server does not support Natural client interface object generation. Upgrade Required. <server-version-details>
Explanation	The Natural RPC server does not support the required functionality. Refer to <server-version-details> for the current installed Natural version.
Action	Upgrade Natural RPC server to the latest version.
10202005	Natural RPC server does not support Natural client interface object generation with CVM files. Upgrade Required. <server-version-details>
Explanation	The Natural RPC server does not support the required functionality. Refer to <server-version-details> for the Natural version currently installed.
Action	Upgrade Natural RPC server to the latest version.

10202006	Natural RPC server does not support Natural server generation. Upgrade Required. <server-version-details>
Explanation	The Natural RPC server does not support the required functionality. Refer to <i><server-version-details></i> for the Natural version currently installed.
Action	Upgrade Natural RPC server to the latest version.
10204001	Parse exception encountered at line <line>, column <column>
Explanation	A Natural source code statement was recognized, but the use of this statement at this line and position is not allowed.
Action	Check the Natural source code for an invalid statement at the this line, column.
10204002	Lexical error at line <line>, column <column>. <detail information>
Explanation	Statement in the Natural source code is not supported by the Natural Extractor. See <i><detail information></i> for explanation.
Action	Check the Natural source code for an invalid statement at the this line, column.
10204003	<text>
Explanation	A Natural source code statement leads to an exception. See <i><text></i> for detailed explanation.
Action	Contact Software AG support.
10204004	Subprogram does not contain any parameters
Explanation	You cannot extract from a program without any parameters.
Action	None.

41 Message Class 1021 - EntireX RPC Server Mapping

Deployment

This page describes messages with message class 1021. These messages have the format:

1021 $nnnn$

where 1021 is the message class and

$nnnn$ is the message number in the range 0000 - 9999.

These messages are returned by the deployment wizard of the COBOL Wrapper. See *Server Mapping Deployment Wizard*.

10210001 **Entry does not exist**

Explanation The server mapping accessed by the deployment service does not exist in the SVM file.

Action None.

10210002 **Entry already exists**

Explanation If available in your environment, use the overwrite option and retry.

Action Resubmit with 'update' option.

10210003	Entry replaced
Explanation	An existing server mapping entry was altered.
Action	None.
10210004	No matching entry
Explanation	A LIST request to the deployment service returned without matching entries.
Action	None.
10210005	Invalid record
Explanation	The deployment service received a server mapping of an unknown format . The request was rejected.
Action	Probably version conflict. Check your installation.
10210006	Open file error: <reason>
Explanation	The deployment service could not open the SVM file. See <reason> and refer to platform documentation for more information.
Action	Check your installation. For a CICS RPC server, see the file definition ERXSVM. For a Batch RPC server, see the DD statement ERXSVM.
10210007	Write Error: <reason>
Explanation	The deployment service could not write to the SVM file. See <reason> and refer to platform documentation for more information.
Action	Check status and/or authorization of the SVM file. For a CICS RPC server, see the file definition ERXSVM. For a Batch RPC server, see the DD statement ERXSVM.
10210008	Read Error: <reason>
Explanation	The deployment service could not read from the SVM file. See <reason> and refer to platform documentation for more information.
Action	Check status and/or authorization of the SVM file. For a CICS RPC server, see the file definition ERXSVM. For a Batch RPC server, see the DD statement ERXSVM.
10210009	Delete Error: <reason>
Explanation	The deployment service could not read the SVM file. See <reason> and refer to platform documentation for more information.
Action	Check status and/or authorization of the SVM file. For a CICS RPC server, see the file definition ERXSVM. For a Batch RPC server, see the DD statement ERXSVM.

10210010	Resource problem: <reason>
Explanation	Resource problem with server deployment service, probably lack of storage. See <reason> and refer to platform documentation for more information.
Action	Try again later.
10210011	DEPLOYMENT service not active
Explanation	The RPC server was invoked, but the deployment service itself was not activated, see RPC server option DEPLOYMENT=YES NO.
Action	Ask your system programmer.
10210012	Invalid usage of DEPLOYMENT service
Explanation	The RPC server received a request for the deployment service (using the IDL library SAGSVM) for a broker service other than DEPLOYMENT.
Action	For an overview of how to deploy an SVM file see <i>Deployment Service</i> in the respective RPC server sections of the documentation. Use DEPLOYMENT as the broker service name in the deployment environment. See <i>Step 2b: Define the Connection to the Deployment Service and Deploy</i> .

42 Message Class 1022 - CICS RPC Server User Exit

Messages

This page describes messages with message class 1022. These messages have the format:

1022 $nnnn$

where 1022 is the message class and

$nnnn$ is the message number in the range 0000 - 9999.

Error messages of this class are reserved for customer use. The messages are given by the CICS RPC Server user exit implementations. See *User Exit COBUEX02* under *Administering the CICS RPC Server*.

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Message Class 2000 - XML/SOAP Runtime

The messages have the format:

2000*nnnn*

where 2000 is the message class, and

nnnn is the message number in the range 0000 - 9999

20000001	Broker Exception: {0}
Explanation	Information on the <code>BrokerException</code> is contained in the error message (<code>ErrorClass</code> , <code>ErrorNumber</code> and <code>ErrorText</code>).
Action	Look up the error class/number for the <code>BrokerException</code> and follow the instructions.
20000002	Server Exception: {0}
Explanation	Information on the <code>ServerException</code> is contained in the error message (<code>ErrorClass</code> , <code>ErrorNumber</code> and <code>ErrorText</code>).
Action	Look up the error class/number for the <code>ServerException</code> and follow the instructions.
20000003	External Parser Exception
Explanation	The external parser throws an exception.
Action	<ul style="list-style-type: none">■ Check if the JAR files of the parser are located in <code>CLASSPATH</code>.■ Check if the incoming document is well-formed.

20000004	Internal Error: Java IO Exception
Explanation	Either the XML/SOAP Wrapper cannot find a file or the XML RPC server does not connect to the Web server.
Action	XML/SOAP Wrapper: Check your path settings. If they are correct, contact Software AG support. XML RPC server: Check the URI of the Web server. If it is correct, contact Software AG support.
20000005	Internal Error: Java Exception
Explanation	Internal error.
Action	Contact Software AG support.
20000006	Incoming SOAP document is invalid
Explanation	The incoming XML document is invalid.
Action	Check the incoming document.
20000007	Incoming XML document is invalid
Explanation	The incoming XML document is invalid.
Action	Check the incoming document.
20000021	XML Parser not found
Explanation	The XML parser could not be found because the JAR files of the parser were not found in CLASSPATH.
Action	Correct CLASSPATH specifications.
20000025	Mapping Error: Path cannot be resolved
Explanation	Internal error.
Action	Contact Software AG support.
20000026	Mapping Error: Mapping of one item fails
Explanation	Internal error.
Action	Contact Software AG support. Required information: the IDL-XML mapping file (XMM).

20000027	Mapping Error: Invalid mapping path
Explanation	Internal error.
Action	Contact Software AG support. Required information: the IDL-XML mapping file (XMM).
20000031	Mapping Error: Value cannot be mapped
Explanation	The document contains a value that cannot be mapped.
Action	Contact Software AG support. Required information: the IDL-XML mapping file (XMM).
20000043	Invalid Configuration File
Explanation	The configuration file contains an invalid definition. See details of error message for more information.
Action	Correct the configuration file.
20000060	Incoming Document: Invalid base64 format
Explanation	The binary data has an invalid base64 format. The incoming document contains binary data in base64 format. For at least one data item the base64 format is invalid.
Action	Check the application of the sender.
20000062	Problem with JAXP: ParserFactory not found
Explanation	The <code>XMLRuntime</code> cannot find the factory class of XML parser.
Action	Check JAXP setting and classpath.
20000064	Marshalling failed: Unexpected number of array elements
Explanation	An array contains more elements than the maximum definition.
Action	Check your IDL-XML mapping and the documents used.
20000070	Repository Error: Inconsistent data loaded
Explanation	At least one loaded XMM file contains corrupt or conflicting data.
Action	<ul style="list-style-type: none"> ■ Check the XMM file(s). ■ Check if you are using the XML/SOAP RPC Server configuration file.

20000072	Version mismatch
Explanation	An EntireX server does not understand the required protocol version.
Action	Check IDL definition. It must be suitable for client and server applications.
20000075	Parameter not set
Explanation	A data stream for reading or writing is null (using Java API).
Action	Check your application.
20000077	Unknown document, XML/SOAP Runtime cannot interpret the incoming document
Explanation	The incoming document was not found in the internal repository.
Action	No suitable mapping was found. Check if <ol style="list-style-type: none">1. the XMM file is contained in the configuration.2. the namespaces in the document and the XMM file match.
20000078	Invalid XMM file
Explanation	The XMM file has an error.
Action	Save the XMM file again. If problem is permanent, contact Software AG support.
20000079	Transport error
Explanation	The HTTP transport of data failed, for example because the proxy setting is not set, or the target service is not available.
Action	Check proxy settings and URL of target service. To get more information, start the XML/SOAP RPC Server with enabled trace. Check your application.
20000080	Writing document failed
Explanation	Writing an outgoing XML document failed, caused by unsupported encoding or an internal error.
Action	Verify the encoding used and/or contact Software AG support.

20000081	Unsupported transport medium
Explanation	The configuration file of the XML/SOAP RPC Server contains a transport medium which is not supported by XML/SOAP Runtime.
Action	Check your configuration file.
20000082	Unknown RPC program
Explanation	The XML Runtime did not find a description for the RPC program called.
Action	Check your configuration file for missing or conflicting definitions.
20000084	Unknown data type
Explanation	The required data type cannot be marshalled with the protocol used, or the XMM file used has a corrupt entry.
Action	Check IDL-XML mapping and check application for any server that does not support the data type used.
20000086	Received unexpected document (faulty document)
Explanation	An XML client sent a faulty document.
Action	Check your application.
20000087	Internal error
Explanation	The internal processing terminates abnormally with an error.
Action	Check the details of error information. If this information does not help you resolve the problem, contact Software AG support.
20000088	Value does not match type definition
Explanation	The value of the parameter does not match the type definition. For example, a parameter for a numeric field does not contain a numeric value.
Action	The error message contains the name and value of invalid parameter. Correct the inconsistency in your application, i.e. check data type.
20000089	Format exception: Date or time parameter does not match format definition
Explanation	The format definition of a date or time parameter does not match format set by user or default format.
Action	Check IDL-XML mapping and the documents used.

20000100	Syntax error in IDL-XML mapping file
Explanation	The IDL-XML mapping file contains an unexpected tag.
Action	Contact Software AG support.
20000101	Invalid IDL-XML mapping File
Explanation	The IDL-XML mapping file is not well-formed or is unreadable.
Action	If using FTP to move mapping file, check that binary mode is set. Otherwise contact Software AG support.
20000103	Configuration error: IDL-XML mapping file conflict in library/program name
Explanation	A name clash of library/program is found.
Action	Check your IDL-XML mapping files.
20000104	IDL-XML Mapping File contains non-supported Natural/COBOL redefine settings in library/program
Explanation	The specified XMM contains Natural/COBOL redefine information, which is not supported.
Action	Remove the program listed in the error message from the mapping file.
20000110	Configuration Error
Explanation	Reading the configuration terminates with an error message probably because of an invalid classpath, an invalid configuration or an inconsistent value assignment within the configuration.
Action	Check configuration file and CLASSPATH.
20000120	Document does not fulfill SOAP 1.1 specification
Explanation	The document contains a description not compliant with the SOAP 1.1 specification.
Action	Check the document for compliancy with the SOAP 1.1 specification.
20000130	Document does not fulfill SOAP 1.2 specification
Explanation	The document contains a description not compliant with the SOAP 1.2 specification.
Action	Check document for compliancy with the SOAP 1.2 specification.

20000140	HTTP header contains invalid value
Explanation	The HTTP header contains an invalid value for the session ID or the conversation.
Action	Read fault document and check the application.
20000141	HTTP message contains invalid value
Explanation	The HTTP message (header or payload) contains an invalid value.
Action	Read fault document and check the application.
20000250	Program should have INPUT parameters only
Explanation	An asynchronous call with INOUT or OUT parameter was made.
Action	Check application and IDL definition.

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Message Class 2001 - Software AG IDL Parser

The messages have the format:

2001*nnnn*

where 2001 is the message class, and

nnnn is the message number in the range 0000-9999.

20010001	Syntax error
Explanation	The IDL file is invalid
Action	Check your IDL file.
20010002	Illegal type syntax
Explanation	The IDL file is invalid.
Action	Check your IDL file.
20010003	Direct or indirect SELF referencing structure definition - not supported. {{0}}
Explanation	There is a self-referencing structure definition in your IDL file.
Action	Check the named structure in IDL file.
20010004	This data type disallows length specification
Explanation	The parameter with this data type does not allow length specification.
Action	Check your IDL file and remove the length specification.

20010005	This data type requires a length specification
Explanation	The parameter with this data type requires a length specification.
Action	Check your IDL file and add the length specification.
20010006	Unexpected token. Expected string
Explanation	The IDL file is invalid.
Action	Check your IDL file.
20010007	Unexpected token. Expected (')
Explanation	The IDL file is invalid.
Action	Check your IDL file.
20010008	Error while reading IDL file
Explanation	The IDL file is corrupt.
Action	Check and correct your IDL file.
20010010	Referencing undefined structure
Explanation	The IDL file is referencing an undefined structure.
Action	Check your IDL file and define the structure in this IDL file.
20010011	Parsing error: {0}
Explanation	Read the parsing error text.
Action	Follow the explanation of the parsing error.
20010012	Mixed array definitions (fixed and unbounded length) are not supported
Explanation	The IDL file contains a multidimensional array with fixed and unbounded lengths.
Action	Change your IDL file and use either fixed length or unbounded length for all dimensions of the array.
20010013	Unsupported data type. Please check inline comment for detailed information
Explanation	The IDL file contains a data type that was generated by a Software AG IDL extractor, but the current implementation of the source programming language does not support this data type.
Action	Change the relevant data types in the extractor source file to data types that are supported.

20010014	Maximum level of 99 Level exceeded
Explanation	The maximum level of 99 is exceeded.
Action	Only 99 levels are supported, please change your IDL file.

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Message Class 2002 - .NET Wrapper

The messages have the format:

2002*nnnn*

where 2002 is the message class, and

nnnn is the message number in the range 0000 - 9999

20020000	Internal error
Explanation	Internal error.
Action	Contact Software AG support.
20020001	Unsupported functionality <additional text>
Explanation	See additional message text for more information.
Action	Check documentation for information on the given functionality.
20020002	Invalid SSL parameter
Explanation	The format of the SSL Broker URL is invalid.
Action	Check and correct the SSL URL.
20020003	Data marshalling error
Explanation	Data marshalling error.
Action	Contact Software AG support.

20020004	Data unmarshalling error
Explanation	Data unmarshalling error.
Action	Contact Software AG support.
20020005	Missing SendAs Attribute
Explanation	In the generated wrapper code there is a missing SendAs attribute.
Action	Contact Software AG support.
20020006	Unsupported data type
Explanation	Unsupported data type.
Action	Contact Software AG support.
20020007	Invalid encryptionLevel value
Explanation	Invalid encryptionLevel value.
Action	Correct the encryptionLevel value.
20020008	Invalid compressionLevel value
Explanation	Invalid compressionLevel value.
Action	Correct the compressionLevel value.
20020010	erx.dll in folder {0} missing
Explanation	The file <i>erx.dll</i> is not in the folder {0}.
Action	Contact Software AG support.
20020011	Cannot load erx.dll
Explanation	Cannot load <i>erx.dll</i> .
Action	Check whether EntireX has been installed correctly.
20020012	Cannot open a new conversation within a conversation
Explanation	Cannot open a new conversation within a conversation.
Action	Correct your application code.

20020013	Missing library name. Please use Service (libraryName) constructor
Explanation	Missing library name. Please use Service (libraryName) constructor.
Action	Correct your application code to call the Service (libraryName) constructor.
20020014	Array dimension(s) out of bounds
Explanation	The size of one or more dimensions of the user data exceeds the size defined in the IDL parameter.
Action	Correct your application code.
20020015	Unsupported object type
Explanation	Unsupported object type.
Action	Contact Software AG support.
20020016	Cannot set RPC password; no RPC user defined
Explanation	Cannot set RPC password; no RPC user defined for a Service class instance.
Action	Define an RPC user before setting the RPC password.
20020017	Invalid ServerAddress
Explanation	Invalid ServerAddress.
Action	Correct the format of ServerAddress.
20020018	NU/PU are unsigned types
Explanation	Error in the transferred data.
Action	Contact Software AG support.
20020019	Error unmarshalling N(U)/P(U)
Explanation	Error in the transferred data.
Action	Contact Software AG support.
20020020	Cannot load library, invalid server library
Explanation	DLL with the required library name does not contain an object with the LibraryAttribute.
Action	Correct your server implementation.

20020021	Cannot locate library in file
Explanation	Error in the server DLL.
Action	Contact Software AG support.
20020022	Program/Method not found
Explanation	Server DLL does not contain the required program/method.
Action	Correct your server implementation or client request.
20020023	User error in server library
Explanation	There was an uncaught exception in the user's server implementation.
Action	Correct the server implementation.
20020024	Invalid unbounded array
Explanation	Error in the definition of an unbounded array.
Action	Contact Software AG support.
20020025	Cannot set Broker during a conversation
Explanation	You cannot change the broker within a conversation.
Action	Correct your client implementation.
20020027	SoftwareAG.EntireX.NETWrapper.Runtime.dll not found
Explanation	The DLL was not found in the appropriate place.
Action	Please read the document about server-side wrapping and obey the rules defined there.
20020029	Invalid BrokerSecurity value
Explanation	The value for the <code>BrokerSecurity</code> is invalid.
Action	Correct the value in your implementation.
20020030	Cannot create CALL_INFORMATION_BLOCK
Explanation	The creation of the <code>CALL_INFORMATION_BLOCK</code> failed
Action	Contact Software AG support.

20020031	Invalid index {0} for field {1}.{2}
Explanation	The index {0} of field {2} in group/struct {1} is wrong.
Action	Contact Software AG support.
20020032	State for reliable messaging not set
Explanation	User error in the implementation of reliable messaging.
Action	Correct the implementation.
20020033	Unexpected error
Explanation	There is an unexpected error running with reliable messaging.
Action	Contact Software AG support.
20020034	SERVER_ADDRESS for reliable messaging not set
Explanation	The SERVER_ADDRESS for the request is missing.
Action	Contact Software AG support.
20020035	Numeric value of {0} does not fit in {1}{2}.{3}
Explanation	The value of parameter {0} exceeds the range of the numeric field {1}{2}.{3}.
Action	Inspect the user implementation.
20020036	Internal error in method {0}
Explanation	An internal error in method {0} occurred.
Action	Contact Software AG support.
20020037	One of the parameters LogicalBrokerID or LogicalServiceID must be set
Explanation	If location transparency is used, at least either LogicalBrokerID or LogicalServiceID must be set.
Action	Correct the implementation.
20020038	Length of byte array {0} does not fit the definition
Explanation	The length of the byte array exceeds the length defined in the IDL.
Action	Correct your client or server implementation.

- 20020039** **Index {0} for field {1}.{2} is missing**
Explanation Field {2} at index {0} in group/struct {1} is missing.
Action Contact Software AG support.
- 20020040** **SoftwareAG.EntireX.NETWrapper.Runtime.xml is missing**
Explanation The file `SoftwareAG.EntireX.NETWrapper.Runtime.xml` is not in the same directory as the file `SoftwareAG.EntireX.NETWrapper.Runtime.dll`.
Action Check the `bin` folder of your EntireX installation and the folder of your client application.
- 20020041** **Library not configured**
Explanation The IDL library involved in the client call is not defined in the .NET server's `rpcserver.exe.config` file.
Action Add the library's key and path to the assembly containing the server implementation to the `rpcserver.exe.config` file (see *Configuring the EntireX RPC Server for use with the .NET Framework*).

46 Message Class 2003 - PL/I Wrapper

The messages have the format:

2003*nnnn*

where 2003 is the message class, and

nnnn is the message number in the range 0000 - 9999

20030001	Missing option TARGET - (BATCH_ZOS/IMS_ZOS/CICS_ZOS)
Explanation	No option TARGET was specified during generation. TARGET is a required option.
Action	Specify the option TARGET.
20030002	Wrong option <target-option> for TARGET - (BATCH_ZOS/IMS_ZOS/CICS_ZOS)
Explanation	A wrong option TARGET was specified during generation. Valid targets are BATCH_ZOS, IMS_ZOS and CICS_ZOS.
Action	Specify a correct option TARGET.
20020003	Unbounded arrays not supported: <library>/<program>/< parameter- name>
Explanation	Unbounded arrays are not supported. The appendix of the message gives you the library, program and parameter name of the IDL parameter causing the error.
Action	Adapt your IDL accordingly and re-generate your clients, server, stubs, etc.

20030004 <idl-data-type> without maxlength not supported: <library>/<program>/<parameter-name>

Explanation The following IDL data types are not supported if no maximum length is given:

IDL Data Type	Description
AV	Alphanumeric variable length
KV	Kanji variable length

The appendix of the message gives you the library, program and parameter name of the IDL parameter causing the error.

Action Adapt your IDL accordingly and re-generate your clients, server, stubs, etc.

20030005 Length for <idl-data-type> fields must be even: <library-name>/<program-name>/<parameter-name>

Explanation The length of the IDL data types below must be even:

IDL Data Type	Description
KV	Kanji variable length
K	Kanji

This is because the resulting PL/I data type graphic is measured in graphics (2 bytes each) and the IDL length for K, KV in bytes. The appendix of the message gives you the library, program and parameter name of the IDL parameter causing the error.

Action Adapt your IDL accordingly and re-generate your clients, server, stubs, etc.

20030006 IDL data type <idl-data-type> not supported: <library-name>/<program-name>/<parameter-name>

Explanation The following IDL data types are not supported:

IDL Data Type	Description
BV	Binary variable length

Action Adapt your IDL accordingly and re-generate your clients, server, stubs, etc.

20030007 Maximum length for <idl-data-type> usually <idl-max-len>: <library-name>/<program-name>/<parameter-name>

Explanation For the following IDL data types the maximum length of the resulting PL/I data types is usually restricted by the PL/I programming language.

IDL Data Type	IDL Maximum Length	Resulting length in PL/I
K	32766 bytes	16383 graphics
KV	32766 bytes	16383 graphics
A	32767 bytes	32767 characters
AV	32767 bytes	32767 characters
B	4095 bytes	32760 bits

In this case a warning message is produced, generation of sources continues. However, it is likely that the compilation of the generated sources is not possible. The appendix of the message gives you the library, program and parameter name of the IDL parameter causing the warning message.

Action If the compilation process of the generated sources fails, adapt your IDL accordingly and re-generate your clients, server, stubs, etc.

20030008 Invalid compressionLevel value

Explanation The following IDL data types below are not supported if a maximum length is given:

IDL Data Type	Description
BV	Binary variable length

The Appendix of the message gives you the library, program and parameter name of the IDL parameter causing the error.

Action Adapt your IDL accordingly and re-generate your clients, server, stubs, etc.

**20030009 Precision for <idl-data-type> exceeds 15:
<library-name>/<program-name>/<parameter-name>**

Explanation For the following IDL data types the maximum precision of the resulting PL/I data types is usually restricted by the PL/I programming language.

IDL Data Type	PL/I Restriction
N	Depending on your compiler, 15 or 31 numeric picture characters in the picture clause.
NU	
P	Depending on your compiler, 15 or 31 digits
PU	

If the precision exceeds 15 a warning message is produced, generation of sources continues. However, depending on your compiler, compilation of the generated sources may not possible. The appendix of the message gives you the library, program and parameter name of the IDL parameter causing the warning message.

Action If the compilation process of the generated sources fails, adapt your IDL accordingly and re-generate your clients, server, stubs, etc.

20030010 **IDL data type <type> must be ALIGNED:**
 <library-name>/<program-name>/<parameter-name>

Explanation The IDL data types below have to be aligned. This applies only for RPC servers in the environment IMS:

IDL Data Type	Description
L	Logical
B	Binary

The appendix of the message gives you the library, program and parameter name of the IDL parameter causing the warning message.

Action Adapt your IDL and re-generate your clients, server, stubs, etc.

20030101 **Out of memory**

Explanation The operating system could not satisfy a memory request.

Action Increase your memory resources and retry.

20030102 **Error calling broker stub**

Explanation Calling the broker stub by the Generic RPC Services program (xxxSRVI) failed.

Action Check if the broker stub is correctly linked and/or installed in your environment.

20030103 **ERXCOM version invalid**

Explanation The field COM_VERSION in the RPC communication area is not correctly assigned. This is checked in the Generic RPC Services program (xxxSRVI) and Specific RPC Functions module (xxxSRVS).

Action Correctly assign the COM_VERSION field. For information on how to declare and initialize the RPC communication area, see *Using the RPC Communication Area* under *Writing Applications with the PL/I Wrapper*.

20030104 **ERXCOM size invalid**

Explanation The field COM_SIZE in the RPC communication area is not correctly assigned.

Action Correctly assign the COM_SIZE field. For information on how to declare and initialize the RPC communication area, see *Using the RPC Communication Area* under *Writing Applications with the PL/I Wrapper*.

20030105	Value of IDL PU data type must be positive
Explanation	With a packed-decimal unsigned IDL data type, negative values cannot be sent.
Action	Either use positive values (including zero) or change the IDL data type to P packed decimal.
20030106	Invalid function
Explanation	The Generic RPC Services program (xxxSRVI) was invoked with an invalid function assigned to COM_FUNCTION in the RPC communication area.
Action	Correct your program. For a list of valid functions, refer to COM_FUNCTION.
20030107	Internal error
Explanation	An internal error occurred in a specific RPC functions module (xxxSRVS).
Action	Contact Software AG support.
20030108	Calling Generic RPC Services (xxxSRVI) failed
Explanation	Calling the Generic RPC Services (xxxSRVI) by the RPC stub from the Specific RPC Functions module (xxxSRVS) failed.
Action	Contact Software AG support.
20030109	CICS error RESP1/RESP2 <resp1>/<resp2> [- <additional error text>]
Explanation	CICS returned an error during an EXEC CICS LINK call. RESP1 and RESP2 are CICS return codes. The additional error text gives more information on the program called. Possible programs are: calling Generic RPC Services (xxxSRVI)
Action	Contact Software AG support.
20030110	CICS PGMIDERR [- <additional error text>]
Explanation	CICS did not find the program specified in an EXEC CICS LINK call. The additional error text gives more information on the program called, possible programs are: calling Generic RPC Services (xxxSRVI)
Action	Contact Software AG support.
20030111	Reserved
Explanation	None.
Action	None.

- 20030112** **User ID missing**
- Explanation** The required field `COM_CLIENT_USERID` in the RPC communication area is not given.
- Action** Specify a user ID. For information on the required settings in the RPC communication area, see *Using the RPC Communication Area* under *Writing Applications with the PL/I Wrapper*.
-
- 20030113** **Password missing**
- Explanation** The password is required in the following situations:
- If EntireX Security is installed, a password is required in the field `COM_CLIENT_PASSWORD`. See *Step 5: Optional Settings in the RPC Communication Area* under *Writing Applications with the PL/I Wrapper*.
 - If the flag `COM_CLIENT_NATSECURITY` is switched on, a password is required in the field `COM_CLIENT_PASSWORD` or `COM_CLIENT_RPCPASSWORD`.
- Action** Depending on the situation, specify a password or see *Using Natural Security* under *Writing Applications with the PL/I Wrapper*.
-
- 20030114** **RPC Protocol reply faulty**
- Explanation** The reply from the RPC Server is invalid and does not follow the rules of the RPC protocol.
- Action** Contact Software AG support.
-
- 20030115** **Library missing**
- Explanation** The field `COM_SERVER_LIBRARY` in the RPC communication area is not given. The field is required for RPC conversations.
- Action** For information on how to work with RPC conversations, see *Conversational RPC* under *Writing Applications with the PL/I Wrapper*.
-
- 20030116** **Last conversation not ended**
- Explanation** The RPC communication area holds an ongoing RPC conversation which has not been ended. It is not possible to ship in parallel simple non-conversational RPC requests or open another RPC conversation using the same RPC communication area.
- Action** For information on how to work with RPC conversations, see *Conversational RPC* under *Writing Applications with the PL/I Wrapper*.

20030117**No ongoing conversation****Explanation**

The RPC communication area holds an ongoing RPC conversation which has not been ended. It is not possible to ship in parallel simple non-conversational RPC requests or open another RPC conversation using the same RPC communication area.

Action

For information on how to work with RPC conversations, see *Conversational RPC* under *Writing Applications with the PL/I Wrapper*.

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Message Class 2004 - COBOL Wrapper

This section describes error messages which can occur in the COBOL Wrapper. All COBOL Wrapper messages are in message class 2004.

The messages have the format:

2004*nnnn*

where 2004 is the message class, and

nnnn is the message number in the range 0000 - 9999

20040001 **Unbounded Arrays without maximum upper bounds not supported:**
<library>/<program>/< parameter>/<index>

Explanation Unbounded arrays without maximum upper bounds are not supported. The appendix of the message gives you the library, program, parameter name and index definition of the IDL parameter causing the error.

Action Adapt your IDL accordingly and re-generate.

20040002 **<idl-data-type> without maximum length not supported: <library>/<program>/< parameter>**

Explanation The following IDL data types below are not supported if no maximum length is given:

IDL Data Type	Description
BV	Binary variable length.
AV	Alphanumeric variable length.
KV	Kanji variable length.

The appendix of the message gives you the library, program and parameter name of the IDL parameter causing the error.

- Action** Adapt your IDL accordingly and re-generate.
- 20040003** **Invalid CSECT name <CSECT-name> for target Compiler <compiler>:
<library>/<program>**
- Explanation** The program-name or program-alias in the IDL contains characters not allowed for CSECT names. The appendix of the message gives you the library and program of the IDL parameter causing the error.
- Action** Adapt your IDL accordingly and re-generate.
- 20040004** **IDL data type <idl-data-type> not supported: <library>/<program>/<parameter>**
- Explanation** The following IDL data types are not supported:
- UV Unicode variable length
 - U Unicode
- Action** Adapt your IDL accordingly and re-generate your client and server interface objects.
- 20040005** **Missing option TARGET - (BATCH_ZOS/BATCH_VSE/BATCH_BS2000/
BATCH_I5OS/CICS_ZOS/CICS_VSE/
IMS_MPP/IMS_BMP/MICROFOCUS_WINDOWS/MICROFOCUS_UNIX)**
- Explanation** No option TARGET was specified during generation. TARGET is a required option.
- Action** Specify the option TARGET.
- 20040006** **Wrong option <target-option> for TARGET -
(BATCH_ZOS/BATCH_VSE/BATCH_BS2000/BATCH_I5OS/
CICS_ZOS/CICS_VSE/IMS_MPP/IMS_BMP/MICROFOCUS_WINDOWS/MICROFOCUS_UNIX)**
- Explanation** A wrong option TARGET was specified during generation. Valid targets are BATCH_ZOS, BATCH_VSE, BATCH_BS2000, BATCH_I5OS, CICS_ZOS, CICS_VSE, IMS_MPP, IMS_BMP, MICROFOCUS_WINDOWS and MICROFOCUS_UNIX.
- Action** Specify a correct option TARGET.
- 20040007** **Wrong option <literal-option> for LITERAL - (QUOTE/APOST)**
- Explanation** A wrong option LITERAL was specified during generation. Valid values for literal are QUOTE and APOST.
- Action** Specify a correct option LITERAL.

20040008	Wrong option <comm-option> for COMM - (LINKAGE/EXTERNAL/COPYBOOK)
Explanation	A wrong option COMM was specified during generation. Valid values for option COMM are LINKAGE, EXTERNAL and COPYBOOK.
Action	Specify a correct option COMM.
20040009	Wrong option <rpc_highest-option> for RPC_HIGHEST - (1110/1120/1130/1140/2000/2020)
Explanation	A wrong option RPC_HIGHEST was specified during generation. Valid values for option RPC_HIGHEST are 1110, 1120, 1130, 1140, 2000 and 2020.
Action	Specify a correct option RPC_HIGHEST.
20040010	K/KV cannot be mapped to PIC G: <library>/<program>/<parameter>
Explanation	The IDL type K or KV (Kanji) was specified with an uneven length. This runs into conflict with COBOL data type GRAPHIC, which requires exactly half the length of IDL type K/KV. For example, the IDL
	<pre>1 MyKanji (K10)</pre>
	corresponds to the COBOL
	<pre>01 MyKanji PIC G(5) DISPLAY-1.</pre>
Action	Correct your Software AG IDL file to contain an even length for IDL types K/KV.
20040011	Wrong option <option> for INTERFACE - (DFHCOMMAREA/DFHLBUFFER/DFHCHANNEL/LINKAGE)
Explanation	A wrong value for the option INTERFACE is specified.
Action	Specify a valid value for the option INTERFACE. See the error message or documentation for valid values.
20040012	Wrong option combination <interface>/<target> for INTERFACE/TARGET
Explanation	Wrong values for the options INTERFACE and TARGET are specified.
Action	Specify a valid combination for the options INTERFACE and TARGET. Refer to <i>Using the COBOL Wrapper in Command-line Mode</i> for valid combinations.

- 20040013** **Server stubs required only for IMS**
Explanation This is an internal error.
Action Contact Software AG.
- 20040014** **Maximum length for CICS container name is 16 characters:**
 <library>/<program>/<parameter>/<container>[text]
Explanation Container names are restricted to 16 characters by CICS. An optional text gives more information.
Action Depending on the situation:
- Shorten the structure name representing the container in the IDL to fit to this restriction.
 - If variable number of containers are used with an IDL unbounded array (see *array-definition* under *Software AG IDL Grammar* in the *IDL Editor* documentation) with maximum, restrict the number of containers.
- See *CICS Channel Container IDL Rules* in the COBOL Wrapper documentation.
- 20040015** **IDL not valid for CICS with channel container calling convention:**
 <library>/<program>/<parameter>[text]
Explanation The IDL mapped to CICS programs with channel container calling convention may only contain IDL structures and IDL programs with references to this structures. An optional text gives more information.

See *CICS Channel Container IDL Rules* in the COBOL Wrapper documentation.
Action Correct your IDL and retry.
- 20040016** **CICS container <container> already used for <direction> :**
 <library>/<program>/<parameter>
Explanation Container for CICS must be unique for input as well as for output. You cannot use them twice. In an IDL program an IDL structure, representing a container, is referenced twice for the same direction.
Action Correct your IDL and retry.
- 20040017** **IDL requires RPC protocol <protocol> - downgrade not possible**
Explanation Depending on the IDL types given in your IDL, a minimum RPC protocol version is required. You can upgrade it but never go beyond this lower limit.
Action Specify the RPC protocol version <protocol> and re-generate.

20040018	Sent length <length> exceeds 24580 DFHCOMMAREA length: <library>/<program>
Explanation	<p>This message is a warning issued during generation and tells you that the DFHCOMMAREA of a generated client interface object requires more than 24 KB to send the data (IN and INOUT IDL parameters).</p> <ul style="list-style-type: none"> ■ According to IBM's APAR PQ06624, exceeding the 24 KB limit can cause problems if no length is given in EXEC CICS LINK calls. ■ The normal upper limit for the length of the CICS DFHCOMMAREA is approximately 31 KB. <p>The appendix of the message gives you the IDL library and IDL program causing the warning.</p>
Action	Correct your program and refer to your IBM CICS documentation.
20040019	Receive length of <length> exceeds 24580 DFHCOMMAREA length: <library>/<program>
Explanation	<p>This message is a warning issued during generation and tells you that the DFHCOMMAREA of a generated client interface object requires more than 24 KB to receive the data (OUT and INOUT IDL parameters).</p> <ul style="list-style-type: none"> ■ According to IBM's APAR PQ06624, exceeding the 24 KB limit can cause problems if no length is given in EXEC CICS LINK calls. ■ The normal upper limit for the length of the CICS DFHCOMMAREA is approx. 31 KB. <p>The appendix of the message gives you the IDL library and IDL program causing the warning.</p>
Action	Correct your program and refer to your IBM CICS documentation.
20040020	Valid start level for data items in COPYBOOKS is from 1 thru 49
Explanation	The COBOL programming language allows level numbers for data items in the range from 1 thru 49.
Action	Specify a valid starting level.
20040021	BS2000/OSD does not support DBCS i.e. K/KV: <library>/<program>/<parameter>
Explanation	BS2000/OSD does not support DBCS.
Action	Remove IDL type K or KV from your IDL.

- 20040022** **Wrong option <servercopybooks> for SERVERCOPYBOOKS - (TRUE/FALSE)**
Explanation The wrong value for the option was specified.
Action Specify TRUE or FALSE.
- 20040023** **Copybooklevel forced to 01 because of OCCURS DEPENDING ON:
<library>/<program>**
Explanation If the IDL contains unbounded arrays, the copybooklevel cannot be set to greater than 1.
Action None.
- 20040024** **Generation of server not supported for TARGET - (IMS_MPP)**
Explanation RPC server for IMS MPP cannot be generated with the COBOL Wrapper.
Action Do not specify target IMS_MPP for server.
- 20040025** **IDL program name contains more than 31 characters : <library>/<program>**
Explanation COBOL supports a maximum length of 31 characters for user defined words.

The appendix of the message gives you the IDL library and IDL program causing the warning.
Action Reduce the length of the IDL program name to meet COBOL restrictions.
- 20040026** **IDL program alias contains more than 31 characters : <library>/<program>**
Explanation COBOL supports a maximum length of 31 characters for user defined words.

The appendix of the message gives you the IDL library and IDL program causing the warning.
Action Reduce the length of the IDL program alias to meet COBOL restrictions.
- 20040027** **IDL program name contains more than 8 characters : <library>/<program>**
Explanation EntireX supports a maximum of 8 characters for COBOL RPC server names.

The appendix of the message gives you the IDL library and IDL program causing the warning.
Action Reduce the length of the IDL program name to meet the restriction.

20040028	IDL program name contains more than 7 characters : <library>/<program>
Explanation	This is a special purpose message.
Action	Contact Software AG support.
20040029	Wrong option combination <interface>/<comm> for INTERFACE/COMM
Explanation	Wrong values for the options INTERFACE and COMM are specified.
Action	Specify a valid combination for the options INTERFACE and COMM. See <i>Using the COBOL Wrapper in Command-line Mode</i> for valid combinations.
20040030	Option value <option> too long. A maximum of 32 characters is allowed.
Explanation	The value specified for the option is too long. Options are BROKER, CLASS, SERVER or SERVICE.
Action	Shorten the length for the option and retry generation.
20040031	Wrong option combination <target>/<comm> for TARGET/COMM
Explanation	Wrong values have been specified for the options TARGET and COMM.
Action	Specify a valid combination for the options TARGET and COMM. See <i>Using the COBOL Wrapper in Command-line Mode</i> for valid combinations.
20040032	IDL Library name (<library>) too long. A maximum of 127 characters is allowed
Explanation	The IDL library name is too long to generate a COBOL server.
Action	Shorten the length for the IDL library and retry generation.
20040033	IDL program name (<library>) too long. A maximum of 127 characters is allowed. IDL Library name is <library>
Explanation	The IDL program name is too long to generate a COBOL server.
Action	Shorten the length for the IDL program and retry generation.
20040101	Function not implemented
Explanation	Generic RPC function not implemented.
Action	Contact Software AG.

20040102	Invalid Argument(s) supplied
Explanation	Invalid Generic RPC function was given.
Action	Correct your program, specify a valid generic RPC function and retry.
20040103	Library missing
Explanation	No Library name was given.
Action	Provide a library in the RPC Communication Area.
20040104	User ID missing
Explanation	No user ID was given.
Action	Provide a user ID in the RPC Communication Area.
20040105	Not in reliable state CLIENT-COMMIT
Explanation	Generic RPC function issued only valid for reliable message(s) started with CLIENT-COMMIT.
Action	Correct your program and retry.
20040106	Invalid reliable state
Explanation	This is an internal error.
Action	Contact Software AG.
20040107	Conversations mixed with reliable msgs
Explanation	You tried to open a conversation while you are within a reliable message sequence.
Action	Correct your program and retry.
20040108	No active UOWID found
Explanation	You tried to get the reliable state of an UOW, but there is no UOWID in the RPC communication area.
Action	Correct your program and retry.
20040109	COMMAREA length not valid
Explanation	The length of the DFHCOMMAREA defined in the EXEC CICS LINK statement when calling a client interface object of interface type DFHCOMMAREA Calling Convention is too short. See <i>Using the COBOL Wrapper for CICS with DFHCOMMAREA Calling Convention (z/OS and z/VSE)</i> under <i>Using the COBOL Wrapper for the Client Side</i> .
Action	Correct your client CICS application.

20040110	Unknown CICS error <error> during call to COBSRVI
Explanation	During call of the generic RPC services module (COBSRVI) by your client interface object the CICS error <error> occurred.
Action	Refer to your IBM CICS documentation.
20040111	COBSRVI not found
Explanation	The generic RPC services module (COBSRVI) was not found by your client interface object.
Action	Check if the generic RPC service module is available in your environment.
20040112	Broker stub <stub-name> could not be loaded
Explanation	You dynamically call the broker stub with the COBOL Wrapper, but the broker stub called could not be found in the environment.
Action	<p>Check the following possibilities:</p> <ul style="list-style-type: none"> ■ Check if the broker stubs are correctly installed in your target environment and are accessible from your application. ■ Possibly customize the subprogram DOBROKER in the Generic RPC Service module for a valid broker stub name of your target environment. ■ Possibly recompile the Generic RPC Service module and rebuild your application. Proceed as described under <i>Using the COBOL Wrapper</i>.
20040113	Invalid COBOL Wrapper API version
Explanation	The API version for the COBOL Wrapper is wrong.
Action	Specify a correct API version in the field COMM-VERSION of the RPC communication area. See <i>The RPC Communication Area (Reference)</i> in the COBOL Wrapper documentation.
20040114	TRANSFER to <broker-stub> returns with <error-status>
Explanation	The TRANSFER CONTROL within IDMS to the broker stub failed.
Action	See <error-status> and refer to the IDMS documentation.
20040115	Wrong data in parameter <idl-parameter-name>
Explanation	The data contained in the parameter <idl-parameter-name> does not match the COBOL data type.
Action	Check the value of the parameter, correct it and rerun the program.

- 20040116** **Upper bound overflow in <occurs-depending-on-index>**
- Explanation** The actual value provided in an index for an OCCURS DEPENDING ON is higher than the maximum upper bound defined for an IDL unbounded array, see *array-definition* under *Software AG IDL Grammar* in the *IDL Editor* documentation under *Software AG IDL File* in the *IDL Editor* documentation. For the parameter name, see the generated copybook (see *IDL Interface Copybooks*) and <occurs-depending-on-index>.
- Action** Check the value of the parameter, correct it and rerun the program.
-
- 20040117** **Negative value in <occurs-depending-on-index>**
- Explanation** The actual value provided in an index for an OCCURS DEPENDING ON is negative. For the parameter name, see the generated copybook (see *IDL Interface Copybooks*) and <occurs-depending-on-index>.
- Action** Check the value of the parameter, correct it and rerun the program.

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Message Class 2005 - Software AG IDL Extractor Generic

Messages

This document describes error messages of the common part of the IDL extractors.

The messages have the format:

2005*nnnn*

where 2005 is the message class, and

nnnn is the message number in the range 0000 - 9999

20050001	Syntax error
Explanation	The parser cannot run the analysis on a specified parameter or group.
Action	Check source code.
20050003	Self-referencing structure
Explanation	Direct or indirect self-referencing structure definition - not supported.
Action	Check source code.
20050005	No parent element
Explanation	Internal error.
Action	Contact Software AG support.

20050007	Unexpected parent element
Explanation	Internal error.
Action	Contact Software AG support.
20050008	Invalid input parameter
Explanation	Insufficient input data.
Action	Check source code.
20050009	Unexpected object
Explanation	Internal error.
Action	Contact Software AG support.
20050011	Parsing error
Explanation	Insufficient or not allowed input data.
Action	Check source code.
20050014	Build of syntax object failed
Explanation	Internal error.
Action	Contact Software AG support.
20050015	Build of visitor object failed
Explanation	Internal error.
Action	Contact Software AG support.
20050016	Linkage Section not found
Explanation	The specified file does not include or contain a Linkage Section; therefore the parser cannot generate an IDL file.
Action	Check source code.
20050017	Illegal structure
Explanation	Internal error.
Action	Contact Software AG support.

20050018	Build of copybook failed
Explanation	Internal error.
Action	Contact Software AG support.
20050019	Build of program failed
Explanation	Internal error.
Action	Contact Software AG support.
20050020	Referenced filename not found
Explanation	Referenced file could not be loaded.
Action	Check copycode in source code.
20050021	Parsing process for a file has failed
Explanation	A critical error caused the parser to exit without generating an IDL File.
Action	Check source code.
20050022	Unsupported
Explanation	The specified parameter is not supported by the parser.
Action	Check source code.
20050026	Nesting too high
Explanation	Internal error.
Action	Check source code.
20050030	Nested exception
Explanation	Other component throws an exception.
Action	Check documentation of encapsulated exception.
20050031	Direction OUT and Natural V-Array in conflict
Explanation	A <code>/* out</code> comment inside your Natural server is forcing IDL direction <code>out</code> . Natural V-arrays (syntax <code>... \1:V</code>) cannot be used with direction <code>out</code> , because they cannot be created (instantiated) inside a Natural server. See <i>Extracting Natural Arrays, Groups, X-Arrays and Variable Arrays</i> in the IDL Extractor for Natural documentation.
Action	Remove the <code>/* out</code> comment in your program or change it to <code>/* in</code> or <code>/* inout</code> .

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Message Class 2006 - IDL Extractor for COBOL

This document describes error messages of the IDL Extractor for COBOL.

The messages have the format:

2006*nnnn*

where 2006 is the message class, and

nnnn is the message number in the range 0000 - 9999

20060002	Illegal type syntax
Explanation	The parser cannot create an IDL element for the specified parameter, because the analysis of the data is incorrect.
Action	Check source code.
20060003	Self-referencing structure
Explanation	Direct or indirect self-referencing structure definition - not supported.
Action	Check source code.
20060008	Invalid input parameter
Explanation	Insufficient input data.
Action	Check source code.

20060009	Unexpected object
Explanation	Internal error.
Action	Contact Software AG support.
20060011	Parsing error
Explanation	Insufficient or not allowed input data.
Action	Check source code.
20060012	Cannot load file
Explanation	The specified file could not be loaded.
Action	Check file name and path.
20060025	Redefines unsupported
Explanation	Redefines are not supported by the parser and will be ignored during the parsing process.
Action	Only a warning.
20060027	Synchronized right
Explanation	Synchronized right is not supported, but it is converted to valid Software AG IDL syntax.
Action	Check source code.
20060028	Nested usage
Explanation	Nesting of usage statements is not supported; if a usage statement is set on one group level, it may not be set in a deeper position.
Action	Check source code.
20060029	Sign leading
Explanation	Sign leading without separate is not supported. <code>SIGN LEADING</code> must include a <code>SEPARATE</code> statement, otherwise it is not supported.
Action	Check source code.

20060030	Nested exception
Explanation	Other component throws an exception.
Action	Check documentation of encapsulated exception.
20060031	IMS file not found
Explanation	Cannot load file which contains the IMS parameter.
Action	Check path and file name.
20060033	Size is not supported
Explanation	The size of the parameter is not currently supported.
Action	Check source code.
20060040	Usage is not supported
Explanation	The usage is not supported in this context.
Action	Check source code.
20060043	DFCOMMAREA not found in COBOL/CICS program
Explanation	Cannot create an IDL file, because the COBOL/CICS program has no DFHCOMMAREA.
Action	Check COBOL source file.
20060044	Program without parameter is not supported
Explanation	The program has no parameters, the Software AG IDL does not support this kind of call.
Action	If possible, add a dummy parameter to the program in the COBOL source code.
20060046	No parameter found
Explanation	Parser cannot find parameters.
Action	Check source code.
20060047	Storage is empty
Explanation	Internal error.
Action	Contact Software AG support.

20060048

Internal error

Explanation

Internal error.

Action

Contact Software AG support.

20060049

Program without parameters

Explanation

A program must have at least one parameter!

Action

Activate one parameter.

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Message Class 2007 - IDL Extractor for PL/I

This section describes error messages of the IDL Extractor for PL/I.

The messages have the format:

2007*nnnn*

where 2007 is the message class, and

nnnn is the message number in the range 0000 - 9999

20070003	Self-referencing structure
Explanation	Direct or indirect self-referencing structure definition - not supported.
Action	Check source code.
20070009	Unexpected object
Explanation	Internal error.
Action	Contact Software AG support.
20070011	Parsing error
Explanation	Insufficient or not allowed input data.
Action	Check source code.

20070012	Cannot load file
Explanation	The specified file could not be loaded.
Action	Check file name and path.
20070030	Nested exception
Explanation	Other component throws an exception.
Action	Check documentation of encapsulated exception.
20070031	IMS file not found
Explanation	Cannot load file which contains the IMS parameter.
Action	Check path and file name.
20070032	Attribute is not supported
Explanation	The attribute of the parameter is not currently supported.
Action	Check source code.
20070033	Size is not supported
Explanation	The size of the parameter is not currently supported.
Action	Check source code.
20070034	Print character is not supported
Explanation	The print character in a PICTURE data description is not supported.
Action	Check source code.
20070035	Precision is not supported
Explanation	The precision of the parameter is not supported.
Action	Check source code.
20070036	Precision of fractional digits is not supported
Explanation	The precision of the fractional digits of the parameter data type declaration is not supported.
Action	Check source code.

20070037	Procedure not found
Explanation	No procedure statement in source code found.
Action	Check source code.
20070038	Dimension is not supported
Explanation	The dimension is not supported.
Action	Check source code.
20070039	Declaration is not supported
Explanation	The declaration is unsupported.
Action	Check source code.
20070041	Procedure without parameter is not supported
Explanation	The procedure has no parameters, the Software AG IDL does not support this kind of call.
Action	If possible, add a dummy parameter to the procedure in the PL/I source code.
20070042	Unaligned is not supported
Explanation	The unaligned attribute is unsupported.
Action	Check source code.

51 Message Class 2008 - Software AG RPC Extractor Service

This section describes error messages which can occur in the RPC Extractor Service. The messages have the format:

2008*nnnn*

where 2008 is the message class, and

nnnn is the message number in the range 0000 - 9999

20080001	Service not implemented
Explanation	The EXTRACTOR service is not implemented on target platform.
Action	Check installation or contact your system administrator.
20080002	No access to RPC services
Explanation	Service library ERX is not accessible.
Action	Check target installation. Probably module ERX is not in STEPLIB.
20080003	Cannot get memory for <size> bytes
Explanation	EXTRACTOR service failed due to storage shortage on target platform.
Action	Try again later. If still persists, contact your system administrator.

20080004	Cannot open directory: <reason>
Explanation	Open directory failed. If available, a target reason code will be supplied.
Action	Check reason code.
20080005	Empty directory
Explanation	Informational. The directory could be opened but did not contain entries for this request. This may be because the directory itself is empty or member selection (if applied) did not find a matching entry.
Action	None.
20080006	Cannot open file: <reason>
Explanation	Open file failed. If available, a target reason code will be supplied.
Action	Check reason code.
20080007	Empty file
Explanation	Informational. Read file found an empty file.
Action	None.
20080008	Cannot read file: <reason>
Explanation	Open file failed. If available, a target reason code will be supplied.
Action	Check reason code.
20080009	RPC error occurred: <error-number> <error-text>
Explanation	An EntireX RPC error occurred.
Action	Check EntireX RPC number.
20080010	Not authorized: <reason>
Explanation	Userid/Password check failed, a reason code will be supplied
Action	Check reason code.
20080011	Not active
Explanation	The EXTRACTOR service on target platform was not activated.
Action	Check target installation, EXTRACTOR=YES.

20080012 Invalid usage of EXTRACTOR service

Explanation The RPC server received a request for the extractor service (using the IDL library SAG) for a broker service other than EXTRACTOR.

Action The IDL library prefix SAG is reserved and must not be used by customer applications. See *Rules for Coding Library, Library Alias, Program, Program Alias and Structure Names* under *Software AG IDL File* in the IDL Editor documentation.

20080200 Broker Communication

Explanation The communication to the RPC Extractor Service failed.

Action Check communication between the Extractor and RPC Extractor Service.

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Message Class 2010 - EntireX WebSphere MQ RPC Server

This section describes error messages which can occur in the WebSphere MQ RPC Server. The messages have the format:

2010*nnnn*

where 2010 is the message class, and

nnnn is the message number in the range 0000 - 9999

20100001	Process request and reply: invalid action <number indicating action>
Explanation	While processing the request and the reply, an action was to take place which is illegal in the current state.
Action	Contact Software AG support.
20100009	<Exception with detailed message >
Explanation	An exception occurred while formatting the message. In most cases, the reason is an inconsistency in the metadata.
Action	See detailed message or contact Software AG support.
20100010	Compression=off not possible
Explanation	An RPC with compression 0 is not supported.
Action	Change compression to 1 or 2.

20100011	Type of marshalling not allowed or Unsupported call type <number of call type>
Explanation	There are two reasons for this error code. <ol style="list-style-type: none">1. For the <code>marshalling</code> property, the values 'cobol', 'natural', and '' are allowed. Reason: The value of the property may be invalid. Or: The RPC from the client is in the wrong marshalling.2. The RPC call type is wrong.
Action	Check configuration and client.
20100012	<Exception with detailed message>
Explanation	This exception occurs in message processing.
Action	See detailed message and contact Software AG support.
20100013	Preparing message failed, see log for details or Message received from server does not fit buffer
Explanation	There are two reasons for this error code. <ol style="list-style-type: none">1. Marshalling of message failed before sending to CICS ECI.2. The received message has not the expected layout and the values cannot be unmarshalled from it.
Action	Check metadata (IDL, SVM, adapter connections) for consistency or contact Software AG support.
20100015	Transformation error on request: <Exception with detailed message>
Explanation	This exception occurs in message processing.
Action	See detailed message or contact Software AG support.
20100022	Unsupported command <command> or Exception: <Exception with detailed message>
Explanation	There are two reasons for this error code. <ol style="list-style-type: none">1. An unknown internal command is used.2. An exception occurred during action processing. The log files contain a stack trace.
Action	See detailed message and log files or contact Software AG support.

20100202	Exception with detailed message
Explanation	An exception occurred when sending a message to MQ.
Action	See error code and description and follow detailed message.
20100203	Exception with detailed message
Explanation	An exception occurred when doing a commit of an MQ session.
Action	See error code and description and follow detailed message.
20100204	Exception with detailed message
Explanation	An exception occurred when doing a backout of an MQ session.
Action	See error code and description and follow detailed message.
20100205	Exception with detailed message
Explanation	An exception occurred during shutdown processing.
Action	See error code and description and follow detailed message.
20100206	Exception with detailed message
Explanation	An exception occurred when receiving a message from MQ.
Action	See error code and description and follow detailed message.
20100207	Exception with detailed message
Explanation	An exception occurred when opening an MQ queue.
Action	See error code and description and follow detailed message.
20100208	Exception with detailed message
Explanation	An exception occurred when connecting to an MQ queue manager.
Action	See error code and description and follow detailed message.
20100209	No input queue opened
Explanation	Receive failed because no input queue was opened.
Action	Specify an input queue in the configuration file.

20100210	No output queue opened
Explanation	Send failed because no output queue was opened.
Action	Define an output queue in the configuration file.
20100211	Neither an input nor an output queue opened
Explanation	WebSphere MQ RPC Server cannot start because neither an input nor an output queue was opened.
Action	Specify an input and/or output queue in the configuration file.
20100212	Input queue identical to reply queue
Explanation	Request reply can only be done if the input queue and the output (reply) queue are different.
Action	Specify an input and output queue with different names in the configuration file
20100213	Exception with detailed message
Explanation	An exception occurred when calling the <code>beforePut</code> method in the user exit class.
Action	See error description and follow detailed message.
20100214	Exception with detailed message
Explanation	An exception occurred when calling the <code>beforeGetMethod</code> in the user exit class.
Action	See error description and follow detailed message.
20100215	Exception with detailed message
Explanation	An exception occurred when calling the <code>afterGetMethod</code> in the user exit class.
Action	See error description and follow detailed message.
20100216	Cannot load user exit class
Explanation	An exception occurred when loading or creating the user exit class.
Action	See error description and follow detailed message.
20100217	Start of WebSphere MQ Listener failed
Explanation	An exception occurred when starting the WebSphere MQ Listener.
Action	See error description and follow detailed message.

20100218	Field MQEnvironment... error
Explanation	An error occurred when accessing one of the <code>entirex.wmqbridge.environment</code> properties.
Action	See error description and follow detailed message.

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Message Class 2011 - Connections to IMS Connect

This section describes messages that can occur with connections from the webMethods EntireX Adapter to IMS Connect. The messages have the format:

2011*nnnn*

where 2011 is the message class, and

nnnn is the message number in the range 0000 - 9999

20110001	Process request and reply: illegal action <number indicating action>
Explanation	During request/reply processing the next action is illegal in the current state.
Action	Contact Software AG support.
20110009	<Exception with detailed message >
Explanation	An exception occurred while formatting the message. In most cases, the reason is an inconsistency in metadata.
Action	See detailed message or contact Software AG support.
20110010	Compression=off not possible
Explanation	An RPC with compression "0" or "off" is not supported.
Action	Change compression to 1 or 2.

20110011	Type of marshalling not allowed. or Unsupported call type <number of call type>
Explanation	There are two reasons for this error code: <ol style="list-style-type: none">1. For the marshalling property the values "cobol" and "natural" are allowed. Reason: The value of the property may be invalid. Or: The RPC from the client is in the wrong marshalling.2. The RPC call type is wrong.
Action	Check configuration and client.
20110012	<Exception with detailed message>
Explanation	This exception occurs in message processing.
Action	See detailed message and contact Software AG support.
20110013	Preparing message failed, see log for details or Message received from server does not fit buffer
Explanation	There are two reasons for this error code. First, marshalling of message failed before sending to IMS Connect. Second, the received message has not the expected layout and the values cannot be unmarshalled from it. Marshalling of message failed before sending to IMS Connect.
Action	Check metadata (IDL, SVM, adapter connections) for consistency or contact Software AG support.
20110014	Transformation error on reply: <Exception with detailed message>
Explanation	The metadata is inconsistent or this data type is not supported.
Action	See detailed message or contact Software AG support.
20110015	Transformation error on request: <Exception with detailed message>
Explanation	This data type is not supported.
Action	See detailed message or contact Software AG support.

20110022	<p>Unsupported command <command>. or Exception: <Exception with detailed message></p>
Explanation	<p>There are two reasons for this error code.</p> <ol style="list-style-type: none"> 1. An unknown internal command is used. 2. An exception occurred during action processing. The log files contain a stack trace.
Action	<p>See detailed message and log files or contact Software AG support.</p>
20110023	<p>Preparing message failed, see log for details</p>
Explanation	<p>Marshalling of message failed before sending to IMS Connect.</p>
Action	<p>Check metadata (IDL, SVM, adapter connections) for consistency or contact Software AG support. Details can be found in <code>wmentirex.log</code> with trace level 2.</p>
20110301	<p>Receive only not supported</p>
Explanation	<p>This type of call is not supported.</p>
Action	<p>Modify your client.</p>
20110302	<p>Send only not supported</p>
Explanation	<p>This type of call is not supported.</p>
Action	<p>Modify your client.</p>
20110303	<p><detailed error message from IMS Connect></p>
Explanation	<p>IMS Connect reported an error, or the configuration is wrong.</p> <p>If IMS Connect returns code 16 and reason code 64, one cause is that the IMS exit is not installed or is not running. The default exit name is HWSSMPL0 (old) or HWSSMPL1 (new). Other configurations may also result in this return code and reason code.</p> <p>If the IMS Connect connection in the EntireX Adapter uses a port which is not related to IMS but to some other application, a call may result in the following message: Unable to invoke adapter service <service name> [ADA.800.500] WmEntireX: exception while executing service: 2011 0303 java.io.EOFException</p> <p>If the IMS Connect RPC server uses a port which is not related to IMS but to some other application, a call may result in the following message: exception while executing service: 2011 0303 java.io.EOFException</p>
Action	<p>Use the error code from IMS Connect to correct this or correct the configuration.</p>

20110304	Conversations not supported
Explanation	IMS Connect does not support conversational RPC calls.
Action	Use non-conversational calls.

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Message Class 2012 - Connections to CICS ECI

This message class contains messages that can occur with connections to CICS ECI. The messages have the format:

2012*nnnn*

where 2012 is the message class, and

nnnn is the message number in the range 0000 - 9999

20120001 **Process request and reply: illegal action <number indicating action>.**

Explanation During request/reply processing the next action is illegal in the current state.

Action Contact Software AG support.

20120009 **<Exception with detailed message >**

Explanation An exception occurred while formatting the message. In most cases, the reason is an inconsistency in metadata.

Action See detailed message or contact Software AG support.

20120010 **Compression=off not possible.**

Explanation An RPC with compression "0" ("off") is not supported.

Action Change compression to 1 or 2.

20120011	Type of marshalling not allowed. or Unsupported call type <number of call type>
Explanation	There are two reasons for this error code: <ol style="list-style-type: none">1. For the marshalling property the values "cobol" and "natural" are allowed. Reason: The value of the property may be invalid. Or: The RPC from the client is in the wrong marshalling.2. The RPC call type is wrong.
Action	Check configuration and client.
20120012	<Exception with detailed message>
Explanation	This exception occurs in message processing.
Action	See detailed message and contact Software AG support.
20120013	Preparing message failed, see log for details. or Message received from server does not fit buffer
Explanation	There are two reasons for this error code. First, marshalling of message failed before sending to CICS ECI. Second, the received message does not have the expected layout and the values cannot be unmarshalled from it.
Action	Check metadata (IDL, SVM, adapter connections) for consistency or contact Software AG support.
20120014	Transformation error on reply: <Exception with detailed message>
Explanation	The metadata is inconsistent or this data type is not supported.
Action	See detailed message or contact Software AG support.
20120015	Transformation error on request: <Exception with detailed message>.
Explanation	This data type is not supported.
Action	See detailed message or Contact Software AG support.
20120022	Unsupported command <command>. or Exception: <Exception with detailed message>
Explanation	There are two reasons for this error code. First, an unknown internal command is used. Second, an exception occurred during action processing. The log files contain a stack trace.
Action	See detailed message and log files or contact Software AG support.

20120023	Preparing message failed, see log for details
Explanation	Marshalling of message failed before sending to CICS ECI.
Action	Check metadata (IDL, SVM, adapter connections) for consistency or contact Software AG support. Details can be found in <code>wmentirex.log</code> with trace level 2.
20120351	Receive only not supported
Explanation	This type of call is not supported.
Action	Modify your client.
20120352	Send only not supported
Explanation	This type of call is not supported.
Action	Modify your client.
20120353	<detailed error message from CICS ECI>
Explanation	CICS ECI reported an error, or the configuration is wrong. This error number is also issued if the connection to CICS ECI is lost.
Action	Use the error code from CICS to correct this. The CICS error codes are described in the documentation of CICS from IBM.
	Possible error codes are (others may occur):
	<ul style="list-style-type: none"> ■ AEIO: DUPKEY possible reasons: Callee not found - the called program does not exist or is not started. ■ ASRA possible reasons: Division by zero. ■ 4038: Index overwrite ■ TCII (CICS Abend)
	A call to CICS ECI can result in an EOF exception because of
	<ul style="list-style-type: none"> ■ Connection to the wrong port. There is some service listening on the port, but not CICS ECI. ■ CICS ECI is not correctly configured.

20120354

Conversations not supported

Explanation

CICS ECI does not support conversational RPC calls.

Action

Use non-conversational calls.

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Message Class 2013 - Deployment to XML RPC Server

This message class contains messages that can occur when deploying an XMM file to an XML RPC server. They have the following format:

2013 $nnnn$

where 2013 is the message class, and

$nnnn$ is the message number in the range 0000 - 9999

See *Deployment to XML/SOAP RPC Server and Dynamic Configuration of XML/SOAP RPC Server*.

20130001	Unknown configuration method
Explanation	Remote configuration is not supported by this version of the XML/SOAP RPC Server.
Action	Upgrade to XML/SOAP RPC Server Version 8.1 or later to use this feature.
20130002	Invalid Call
Explanation	The deployment message size exceeds the maximum message length.
Action	Increase maximum message size in Broker attribute file.
20130005	Permission Denied: No write access
Explanation	XML/SOAP RPC Server cannot write files.
Action	Modify permission for affected part of file system.

20130007 Permission Denied: No modification access

Explanation XML/SOAP RPC Server cannot modify files.

Action Modify permission for affected part of file system.

20130011 Disabled Deployment for XML/SOAP RPC Server

Explanation XML/SOAP RPC Server supports deployment, but it is disabled in server properties.

Action Modify the server properties for enabling deployment.

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Message Class 2023 - Connections to ApplinX

This message class contains messages that can occur with ApplinX Connections in the EntireX Adapter. The messages have the format:

2023*nnnn*

where 2023 is the message class, and

nnnn is the message number in the range 0000 - 9999

20230001	Process request and reply: illegal action <number indicating action>.
Explanation	During request/reply processing the next action is illegal in the current state.
Action	Contact Software AG support.
20230009	<Exception with detailed message >
Explanation	An exception occurred while formatting the message. In most cases, the reason is an inconsistency in metadata.
Action	See detailed message or contact Software AG support.
20230010	Compression=off not possible
Explanation	An RPC with compression "0" ("off") is not supported.
Action	Change compression to 1 or 2.

20230011	Type of marshalling not allowed
Explanation	For the <code>marshalling</code> property the values <code>cobol</code> and <code>natural</code> are allowed. First cause: The value of the property may be invalid. Second cause: The RPC from the client is in the wrong marshalling.
Action	Check configuration and client.
20230012	<Exception with detailed message>
Explanation	This exception occurs in message processing.
Action	See detailed message and contact Software AG support.
20230013	Preparing message failed, see log for details or Message received from server does not fit buffer
Explanation	There are two possible reasons for this error code: <ol style="list-style-type: none">1. Marshalling of message failed before sending to CICS ECI.2. The received message has not the expected layout and the values cannot be unmarshalled from it.
Action	Check metadata (IDL, SVM, adapter connections) for consistency or contact Software AG support.
20230015	Transformation error on request: <Exception with detailed message>.
Explanation	This data type is not supported.
Action	See detailed message or contact Software AG support.
20230022	Unsupported command <command>. or Exception: <Exception with detailed message>
Explanation	There are two possible reasons for this error code: <ol style="list-style-type: none">1. An unknown internal command is used.2. An exception occurred during action processing. The log files contain a stack trace.
Action	See detailed message and log files or contact Software AG support.

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Message Class 3000 - NetWeaver XI Adapter

When the sender adapter detects an error situation it returns an RPC message to the RPC client application. All errors returned by the adapter use message class 3000.

The messages have the format:

3000*nnnn*

where 3000 is the message class, and

nnnn is the message number in the range 0000 - 9999.

30000001

Processing RPC request from client failed

Explanation

During the processing of the RPC request from a client an exception occurred. The message text is the text of the exception.

Action

Check the error message for details. Typical situations are

1. The RPC request cannot be converted into a PI message, or
2. PI returned an error response.

30000002

Listening for an RPC request from client failed

Explanation

An exception occurred while the adapter was waiting for an RPC request or while it was analyzing a request received from a client. The message text is the text of the exception.

Action

Check the error message for details.

30000003	Multiple channels configured for {program}
Explanation	There are multiple specific channel configurations for the same program name in PI.
Action	Correct the channel configurations in PI.
30000004	Multiple generic channels configured
Explanation	There are multiple generic channel configurations (Processing Type=Process all Programs) for the same RPC server address in PI.
Action	Correct the channel configurations in PI.
30000005	No channel configuration found for {program}
Explanation	No channel configuration can be found for the program name specified in the RPC client request.
Action	Correct the RPC client application or specify a channel configuration in PI for this program.
30000006	XMM file of channel {channel} has no definition for {program}
Explanation	A generic channel configuration is available but the XMM file does not contain an entry for the program name specified in the RPC client request.
Action	Correct the RPC client application or the channel configuration in PI.
30000007	Unknown RPC server command {cmd}
Explanation	The adapter received an unknown server command from the RPC client.
Action	Check the RPC client.
30000008	Invalid RPC call with type {type}
Explanation	The adapter received a request type from the RPC client.
Action	Check the RPC client.
30000009	Conversational RPC not possible
Explanation	The adapter received a conversational RPC request type from the client. The adapter does not support conversational RPC.
Action	Correct your RPC client application so that it does not use conversational RPC.

30000010	Program {programName} in lib {libraryName} cannot be used with QoS {qos}
Explanation	The adapter received an RPC request type from the client which contained OUT or INOUT parameters. Only RPC requests with IN parameters can be processed for Quality of Service "Exactly Once" (EO) or "Exactly Once in Order" (EOIO).
Action	Correct your RPC client application so that it uses only IN parameters. Or reconfigure the Communication Channel with Quality of Service "Best Effort" (BE).
30000011	Duplicate Sender Agreement for program/interface {programName} found
Explanation	More than one Sender Agreement has been found with the same interface name for the mentioned program.
Action	Change the Sender Agreements so that only one Sender Agreement with the same interface name exists for every Communication Channel.
30000012	No Sender Agreement for program/interface {programName} found
Explanation	No Sender Agreement has been found for the mentioned program.
Action	If the parameter Processing Type has the value Process a specific Program, define a Sender Agreement for the Communication Channel. If the parameter has the value Process all Programs, define a Sender Agreement for the mentioned program where the interface name is identical to the program name.
30000013	First parameter has incorrect format for external Message ID: {message}
Explanation	The parameter First Parameter of RPC Program is used as Message ID has been selected in the Communication Channel. This parameter does not have the correct format. For details see the error message. Most likely the first parameter is not declared with the type A36.
Action	Correct the definition of the first parameter or deselect the parameter in the Communication Channel.
30000014	Program {programName} in lib libraryName cannot be used with Reliable RPC
Explanation	The RPC client is sending a Reliable RPC call to a Communication Channel which is using "EntireX RPC" as the message protocol.
Action	Either change the client so it uses standard RPC, or set the message protocol in the Communication Channel to "EntireX Reliable RPC".

30000015 **Program {programName} in lib {libraryName} can only be used with Reliable RPC**

Explanation The RPC client is sending a standard RPC call to a Communication Channel which is using "EntireX Reliable RPC" as the message protocol.

Action Either change the client so it uses Reliable RPC, or set the message protocol in the Communication Channel to "EntireX RPC".

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Message Class 4000 - EntireX Process Extractor

This message class contains messages that can occur with EntireX Process Extractor. The messages have the format:

4000*nnnn*

where 4000 is the message class, and

nnnn is the message number in the range 0000 - 9999

40000001	Exception during processing call: <exception text>
Explanation	An unexpected error occurred during processing of a call from an RPC client or server.
Action	Check the exception text for details.
40000013	Character set for <character set type> not available
Explanation	No character set is available for an RPC call.
Action	Contact Software AG support.
40000014	Encoding LS=<char set name> not supported
Explanation	The specified character set is not available. Only character sets supported by the Java JVM can be used.
Action	Change the configuration of the RPC client or server.

40000015

<error message>

Explanation

An error during character set conversion.

Action

See error message for details.

40000017

<detail message>

Explanation

An error occurred on the connection from EntireX Process Extractor to the broker.

Action

See error message for details. Check whether the broker is running and whether the connection from EntireX Process Extractor is available.

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Message Class 8000 through 8999 - User-definable ACI Messages

The messages have the format:

8ccccnnnn

where *8ccc* is the message class in the range 8001 - 8999, and
nnnn is the message number in the range 0000 - 9999

Error messages in classes starting with 8, i.e. in the range of 8001*nnnn* through 8999*nnnn* are reserved for customer use.

These error messages are given by customer applications with the function `REPLY_ERROR`. See `REPLY_ERROR` under *Broker ACI Functions*.

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Adabas SVC Installation Messages (ADASIP)

This page describes all Adabas ADASVC messages. Some of these messages may occur during installation of EntireX. Not all messages are applicable to EntireX.

ADASIP01	SUBSID MACRO ERROR
Explanation	ADASIP received a non-zero return code from the operating system.
Action	The VSE operating system release level is too low for installing Adabas. Refer to the Adabas Installation Manual for the minimum allowed VSE levels.
ADASIP02	UNSUPPORTED VSE RELEASE BASED UPON SUBSID
Explanation	An ADASIP validation check indicates an unsupported operating system level.
Action	The VSE operating system release level is too low for installing Adabas. Refer to the Adabas Installation Manual for the minimum allowed VSE levels.
ADASIP03	NO SYSPARM VALUE SPECIFIED FOR SVC
Explanation	ADASIP could not find a SYSPARM input, and a ZAP has not be applied to the specified SVC.
Action	Either provide the SVC with SYSPARM or apply a ZAP to the specified SVC with ADASIP.
ADASIP04	DEFAULT VALUE USED FOR THE SVC
Explanation	No SYSPARM SVC has been used. ADASIP defaults to using the SVC that has a ZAP applied.
Action	This message is for your information only; no error has occurred.

ADASIP05	NON-NUMERIC DATA FOUND IN SYSPARM FIELD
Explanation	Either SYSPARM or the default ADASIP SVC contains a nonnumeric value.
Action	Correct the specified SYSPARM value, or set the default SVC value to 30.
ADASIP06	INVALID RANGE SPECIFIED FOR THE SVC 31-120
Explanation	ADASIP found an SVC outside the allowed range in SYSPARM or the ADASIP default SVC.
Action	Set the SVC to an unused SVC value within the allowed range. SVC ranges and recommended values are described in the Adabas Installation Manual.
ADASIP07	SVC SPECIFIED NOT WITH VALID RANGE - NO UPSI
Explanation	The value specified for the SVC in the VSE SYSPARM with the UPSI option was incorrect. SVC ranges and recommended values are described in the Adabas Installation Manual.
Action	Correct the UPSI or SVC value, as appropriate.
ADASIP08	ADASVC_{vv} WAS NOT FOUND IN THE SVA
Explanation	While performing a VSE load, ADASIP found that the specified level ADASVC was not in the SVA.
Action	Issue the SET SDL for ADASVC _{vv} . It may be necessary to relink the Adabas SVC with SVA using the PHASE statement if the Adabas SVC is not found in the Adabas library.
ADASIP09	NO MATCH ON ID - INCORRECT ADASVC LOADED
Explanation	ADASIP found an incorrect SVC version while attempting a load operation.
Action	Relink ADASVC _{vv} with the correct SVC module.
ADASIP10	NO KEYWORD SPECIFIED FOR NRIDTES
Explanation	ADASIP found an incorrect NRIDTES keyword.
Action	Respecify the keyword parameter as NRIDTES= <i>nn</i> , where " <i>nn</i> " specifies the number of databases to be supported in the ID table.

ADASIP11	NON-NUMERIC DATA SPECIFIED FOR NRIDTES
Explanation	The ADASIP NRIDTES= keyword parameter specified non-numeric data.
Action	Correct the NRIDTES= data, then resubmit ADASIP.
ADASIP12	NO OVERRIDING NRIDTES SPECIFIED
Explanation	The default NRIDTES was used. No error has occurred.
Action	None required. This message is for your information only.
ADASIP13	SVC TABLE ENTRY WAS FOUND TO BE INVALID
Explanation	The SVC number provided by SYSPARM is either not valid, or does not represent either the old or new version of the VSE Adabas SVC. This error can occur if the UPSI statement's C parameter specified 0.
Action	Respecify the UPSI statement, or specify another unused SVC value. Rerun ADASIP.
ADASIP14	GETVIS FAILURE FOR IDT IN SVA
Explanation	The GETVIS of the IDT passed a nonzero return code back to ADASIP, meaning the GETVIS size was insufficient.
Action	Increase the SVA GETVIS size, re-IPL the operating system, and rerun ADASIP.
ADASIP15	ROUTER UNABLE TO INITIALIZE IDT
Explanation	ADASIP received a nonzero return code from the 56 call to the SVC.
Action	Contact Software AG support.
ADASIP17	INCORRECT SVC SUFFIX AFTER COMMA IN SYSPARM
Explanation	An attempt was made to run this program more than once for the current IPL. A second IDT for the program is not required.
Action	Correct the SYSPARM specification for the two-byte SVC suffix, and rerun the job.
ADASIP18	NON-NUMERIC DATA SPECIFIED FOR DMPDBID
Explanation	The ADASIP DMPDBID keyword parameter contains nonnumeric data.
Action	Correct the DMPDBID specification, and rerun the job.

ADASIP19	DBID CANNOT BE FOUND IN IDTE
Explanation	The ADASIP program could not find an entry for the DMPDBID database in the IDT area.
Action	Either correct the DMPDBID specification or start the specified database, then run ADASIP to perform a “snap” dump of the command queue.
ADASIP20	THE IDT AND SVC HAVE BEEN DUMPED TO SYSLST
Explanation	A request to ADASIP to dump the IDT and then SVC via UPSI 80.
Action	This message is for your information only; no error has occurred.
ADASIP21	NO IDT TABLE WAS FOUND FOR SPECIFIED SVC
Explanation	ADASIP found that the SVC has no address for the IDT.
Action	Specify the correct SVC, or initialize with ADASIP first.
ADASIP22	THE SVC HAS ALREADY BEEN INSTALLED
Explanation	ADASIP found that the same program is being run again.
Action	The SVC is not installed and no IDT table is needed. To reinstall the same SVC, you must first perform a SET SDL.
ADASIP23	THE SVC TABLE CANNOT BE LISTED UNDER DOS/MVT
Explanation	The option to display the SVC table is specified under VSE.
Action	None required. This message is for your information only.
ADASIP24	THE IDT HAS BEEN PAGEFIXED BY USER OPTION
Explanation	UPSI (X'20') was selected to pagefix the IDT in the system GETVIS area.
Action	None required. This message is for your information only.
ADASIP27	ADASVC IS RMODE=ANY
Explanation	ADASIP detected that the Adabas SVC is linked RMODE=ANY.
Action	Relink the Adabas SVC RMODE=24.

ADASIP28	ADASIP IS AMODE=31
Explanation	ADASIP detected that it is AMODE=31.
Action	Relink ADASIP AMODE=24.
ADASIP29	PRODID MACRO FAILURE
Explanation	ADASIP received a nonzero response code from the PRODID DEFINE macro.
Action	Investigate the cause of the error. Correct it and rerun the job.
ADASIP30	ADASVCvv svc INSTALLED
Explanation	ADASIP has installed SVC number svc successfully.
Action	None required.
ADASIP31	address=SVC ADDRESS
Explanation	The SVC has been loaded at the indicated address.
Action	None required. This message is for your information only.
ADASIP32	address=IDT ADDRESS
Explanation	The ID table has been allocated at the indicated address.
Action	None required. This message is for your information only.
ADASIP33	address=ALET TABLE ADDRESS
Explanation	The ALET table has been loaded at the indicated address.
Action	None required. This message is for your information only.
ADASIP34	count=MAXIMUM USER/TARGET COMBINATIONS
Explanation	Total number of client/server combinations within the VSE system.
Action	None required. This message is for your information only.
ADASIP36	address=EXTENDED IIBS ADDRESS
Explanation	The extended IIBs have been loaded at the indicated address.
Action	None required. This message is for your information only.

ADASIP40 **VSE SVC svc IS status AM=a-mode RM=r-mode AR=reg-mode SVCT=svc-tab-addr
MODT=svc-mod-addr**

Explanation This message occurs when the option to list the SVC table is selected, and specifies the following values:

Value	Description
svc	the VSE SVC number
status	USED or UNUSED
a-mode	AMODE of this SVC, if used (24 or ANY)
r-mode	RMODE of this SVC, if used (24 or ANY)
reg-mode	access register mode of this SVC, if used (Y=yes, N=no)
svc-tab-addr	address of the SVC table entry for this SVC
svc-mod-addr	address of the SVC mode table entry for this SVC, if present

Action None required. This message is for your information only.

Note: Do not use SVC50, even though it is indicated as “unused”.

ADASIP41 **VSE SVC TABLE AUDIT COMPLETED**

Explanation ADASIP has completed listing the VSE SVC table.

Action None required. This message is for your information only.

ADASIP50 **THE COMMAND QUEUE HAS BEEN DUMPED TO SYSLST**

Explanation ADASIP has completed listing the command queue for the specified database.

Action None required. This message is for your information only.

ADASIP60 **ONLY 1 CPU CAN BE ACTIVE DURING ADASIP**

Action Use `SYSDEF TD, STOP=ALL` to stop all but one CPU so that ADASIP can run. Then restart your CPUs again.

ADASIP61 **RERUN ADASIP AFTER USING TDSERV TO STOP CPUS**

Explanation Occurs in conjunction with ADASIP60.

ADASIP62	GETVIS FAILED FOR ADASTUB MODULE
Explanation	Not enough SVA storage to load ADASTUB.
Action	Consult with your system programmer.
ADASIP63	ADASTUB MODULE LOADED AT address
Explanation	Information message indicating module load address.
ADASIP64	NO MATCH ON ID - INCORRECT ADASTUB LOADED
Explanation	ADASTUB phase is incorrect.
Action	Consult with your system programmer, or contact Software AG.
ADASIP65	ADASTUB SVC TABLE NOT FOUND
Explanation	ADASTUB phase is incorrect.
Action	Consult with your system programmer, or contact Software AG.
ADASIP66	ADASTUB SVC TABLE IS FULL
Explanation	You have more than 10 SVCs active on this VSE machine.
Action	Contact Software AG for information about increasing the table size.
ADASIP67	PAGEFIX FOR ADASIP FAILED
Action	Increase the SETPFIX value and rerun.
ADASIP68	PAGEFREE FOR ADASIP FAILED
Action	Consult with your system programmer.
ADASIP69	TURBO DISPATCHER STUB A C T I V E
Explanation	Adabas Turbo support is now active on this VSE machine.
ADASIP70	VSE SUPERVISOR HOOK INSTALL FAILED
Explanation	Either this version of the VSE/ESA 2 supervisor is not supported, or the vendor installation logic for the first-level interrupt handler is incorrect.
Action	Contact Software AG support and have message ADASIP72 available.

ADASIP71	LOAD OF MODULE ADASTUB FAILED
Explanation	The ADASTUB module was not found in the LIBDEF SEARCH chain.
ADASIP72	CODE IS : xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Explanation	Occurs after message ADASIP70.
ADASIP73	ADANCHOR INCORRECT OR NOT FOUND IN SVA
Explanation	The ADANCHOR module was not found in the SVA; no SET SDL has been done.
ADASIP74	INFO : STUB ACTIVATED BY PREVIOUS ADASIP
Explanation	Adabas Turbo STUB has been installed by a previous ADASIP.
Action	None. This message is for information only.
ADASIP75	ADANCHOR AND ADASTUB NOT DUMPED - NOT ACTIVE
Explanation	When attempting to dump Adabas control blocks with ADASIP, the modules were not dumped because Adabas Turbo support is not active.
Action	None. This message is for information only.
ADASIP76	ADABAS TURBO STUB NOT ACTIVATED DUE TO ERROR
Explanation	An error occurred during the installation of the Adabas Turbo stub.
ADASIP77	THIS ADABAS SVC WILL RUN IN NON-TURBO MODE
Explanation	An error occurred during the installation of the Adabas Turbo stub. This SVC will run in non-Turbo mode from now on.
ADASIP78	VSE TURBO DISPATCHER VERSION nn
Explanation	Version of VSE/ESA version 2 Turbo Dispatcher. 00 indicates TD level of pre-version 4.
Action	None. This message is for information only.

61 Message Class ETBD - Broker Log and Console - Diagnostic Messages

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

ETBD $nnnn$

where ETBD is the message class, and

$nnnn$ is the message number in the range 0000-9999

ETBD0280	Function Entered
Explanation	This message is written to the log data set when tracing is set to a trace level greater than 1. An EntireX Broker internal function module is entered.
Action	This message is for diagnostic purposes only.
ETBD0281	Cleaned Up:
Explanation	This message is written to the log data set from the TOM task when tracing is set to a trace level greater than 0. Resources used internally (CCBs, PCBs and SCBs) are made available again for reuse.
Action	This message is for diagnostic purposes only.

ETBD0282	SPFX Values:
Explanation	This message is written to the log data set from the worker tasks when tracing is set to any trace level greater than 0. It reports the incoming and outgoing calls to EntireX Broker.
Action	None.
Action	This message is for diagnostic purposes only.
ETBD0283	EntireX Broker Memory Pool Allocations:
Explanation	This message is written to the log data set from the EntireX Broker main task for any trace level including level 0. It provides addresses and lengths for all memory pools allocated during Broker initialization processing.
Action	This message is for diagnostic purposes only.
ETBD0284	Sizes of Broker Memory Pool
Explanation	This message is written to the log data set from the EntireX Broker dispatcher task for any trace level including level 0. It provides the length of the virtual memory to be allocated during initialization processing and is divided into several parts, each part concerning a Broker-related object such as conversations or messages.
Action	This message is for diagnostic purposes only.
ETBD0285	***** NEW REQUEST *****
Explanation	This message is written to the log data set from the worker tasks when tracing is set to any trace level greater than 1. At this point, the trace for a new call to EntireX Broker begins.
Action	This message is for diagnostic purposes only.
ETBD0286	Diagnostic Value
Explanation	This message is used as header line for various diagnostic messages.
Action	None.
ETBD0287	EntireX Broker Startup Attributes:
Explanation	This message provides information about the global attributes read from the Broker attribute file. It is written to the log data set from the EntireX Broker dispatcher task for any trace level including Level 0.
Action	This message is for diagnostic purposes only.

ETBD0288	Function completed
Explanation	Diagnostic output.
Action	None.
ETBD0295	Signal received!
Explanation	An abnormal error has occurred. The process ID and the signal number are written to the Broker error log.
Action	Contact Software AG support.
ETBD0296	Additional Information
Explanation	This is the first message after error messages that require additional diagnostic data (for example, for any security violations). It is written to the EntireX Broker log file for any trace level including level 0.
Action	This message is for diagnostic purposes only.
ETBD0297	ETB_SHUTDOWN semaphore posted
Explanation	The shutdown semaphore has been posted. The broker kernel will shutdown.
Action	This message is for diagnostic purposes only.
ETBD0298	Exit Message
Explanation	A messages with this number is issued by a user exit, and the meaning of the message depends on the context of the exit that issued it.
Action	Depends on exit that issued the message.
ETBD0303	Command logging file information
Explanation	Information on a z/OS command logging output file is displayed.
Action	This message is for diagnostic purposes only.
ETBD0324	CLOG file 1 is now ready to be copied
Explanation	The first command logging output file (DD:CLOGR1 on z/OS) has been closed and can be copied for examination. The second command logging output file (DD:CLOGR2 on z/OS) is now the active output file.
Action	This message is for diagnostic purposes only.

ETBD0325	CLOG file 2 is now ready to be copied
Explanation	The second command logging output file (DD:CLOGR2 on z/OS) has been closed and can be copied for examination. The first command logging output file (DD:CLOGR1 on z/OS) is now the active output file.
Action	This message is for diagnostic purposes only.
ETBD0436	Service attributes
Explanation	This message informs about service attributes and is written to the log when tracing is set to any trace level greater than 4.
Action	None.
ETBD0442	RESTART: Processing starting
Explanation	This informs the Administrator about the start of the persistent store restore processing.
Action	None.
ETBD0443	RESTART: Processing finished
Explanation	This informs the Administrator about the finished restore processing of the persistent store.
Action	None.
ETBD0444	Shutdown Statistics:
Explanation	This message is written to the log data set when the Broker shuts down after a successful execution. Shutdown statistics and other information are written directly following this message in the log.
Action	This message is for diagnostic purposes only.
ETBD0471	Topic attributes
Explanation	This message informs about Topic attributes and is written to the log when tracing is set to any trace level greater than 4.
Action	None.
ETBD0552	EntireX Broker SSL Attributes
Explanation	This message informs about all DEFAULTS=SSL attributes configured for the SSL communicator.
Action	None.

ETBD0553	EntireX Broker NET Attributes:
Explanation	This message informs about all DEFAULTS=NET attributes configured for the NET communicator.
Action	None.
ETBD0556	Thread [re]started
Explanation	This message informs the Administrator about the start of a Broker thread. This message is written to the log when tracing is set to any trace level greater than 0.
Action	None.
ETBD0557	Thread stopped
Explanation	This message informs the Administrator about the stop of a Broker thread. This message is written to the log when tracing is set to any trace level greater than 0.
Action	None.
ETBD0560	EntireX Broker TCP/IP Attributes
Explanation	This message informs about all DEFAULTS=TCP attributes configured for the TCP/IP communicator.
Action	None.
ETBD0565	z/VSE operating system information
Explanation	z/VSE operating system information is displayed.
Action	This message is for diagnostic purposes only.
ETBD0658	EntireX Broker Memory Pool Settings:
Explanation	This message is written to the log data set from the EntireX Broker main task for any trace level including level 0. It provides a summary of pools scheduled for allocation and the number of slots per pool.
Action	This message is for diagnostic purposes only.
ETBD0672	Broker Memory Pool Deallocation:
Explanation	This message is written to the log data set from the EntireX Broker main task for any trace level including level 0. It provides addresses and lengths for all memory pools deallocated during Broker termination processing.
Action	This message is for diagnostic purposes only.

ETBD0677	RESTART: PSTORE rebuild started
Explanation	The persistent store was not properly finalized. The restart procedure detected an inconsistency that needs to be repaired. The rebuild procedure was just started to re-create the affected files.
Action	No action required.
ETBD0678	RESTART: PSTORE rebuild stopped
Explanation	The rebuild procedure was stopped.
Action	No action required.
ETBD0735	Unload Object
Explanation	This message informs the Administrator about the unload of a persistent store record. This message is written to the log when tracing is set to any trace level greater than 0.
Action	None.
ETBD0736	Upload Object
Explanation	This message informs the Administrator about the upload of a persistent store record. This message is written to the log when tracing is set to any trace level greater than 0.
Action	None.

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Message Class ETBE - Broker Log and Console - Error

Messages

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

ETBE $nnnn$

where ETBE is the message class, and

$nnnn$ is the message number in the range 0000-9999

ETBE0001	SECURITY: Failed to load user exit
Explanation	EntireX broker was unable to load the security exit. Broker tries to load the security exit only if SECURITY=YES is defined in the attribute file.
Action	Either do not specify the SECURITY=YES in the attribute file, or make the security exit available.
ETBE0013	Value For Keyword Too Long
Explanation	The specified value for a correct keyword in a configuration file (for instance the broker attribute file) has too many characters. This response arises in the following situations: <ol style="list-style-type: none">1. During broker startup when the global resources defined in the section DEFAULTS=BROKER are read, a wrong value length is detected within this section. The broker cannot be started.2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a wrong value length is detected within this service definition. The service cannot be registered.
Action	Correct the value assigned to the keyword in the configuration file.

ETBE0014	Class def missing or invalid
Explanation	The definition of a server class is either missing or invalid.
Action	Either specify a class definition or use the correct values to specify one.
ETBE0015	Max Possible NUM-CLIENT Reached
Explanation	This is a temporary resource shortage. The maximum number of broker clients that can be active at one time is reached. A new client cannot be handled until client resources are available again by user timeouts.
Action	Increase NUM-CLIENT (or if CLIENT-NONACT has too high a value, decrease it) in the broker attribute file.
ETBE0018	Max Possible NUM-SERVER Reached
Explanation	This is a temporary resource shortage. The maximum number of broker servers that can be active at one time is reached. New servers are not accepted until server resources are available again, either by deregistrations or user timeouts.
Action	Try to register the server to the broker later. If the error occurs frequently, increase NUM-SERVER (or if SERVER-NONACT has too high a value for some services, decrease it) in the broker attribute file.
ETBE0019	TRANSLATION Not Specified
ETBE0023	Unknown keyword
Explanation	<p>A given keyword in a configuration file (for instance the broker attribute file) is not known by the broker. This response arises in the following situations:</p> <p>A given keyword in the configuration file is not known by the broker. This response arises in the following situations:</p> <ol style="list-style-type: none">1. During broker startup, when the global resources defined in the section DEFAULTS=BROKER are read, a wrong keyword is detected within this section. The broker cannot be started.2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a wrong keyword is detected within this service definition. The service cannot be registered.
Action	Correct or remove the keyword in the configuration file as appropriate.

ETBE0024	CONV-LIMIT may not be UNLIM
Explanation	The service-specific CONV - LIMIT value is specified with UNLIM. In this special configuration, this is not allowed because the global NUM - CONVERSATION attribute is set to AUTO. See also <i>Broker Resource Allocation</i> in the general administration documentation.
Action	Either change the global NUM - CONVERSATION parameter to a defined value, or change the specific CONV - LIMIT value to a particular value.
ETBE0025	CONV-DEFAULT not spec or UNLIM
Explanation	The global CONV_DEFAULT attribute is either specified as UNLIM or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of conversations needed. This situation occurs if <ul style="list-style-type: none"> ■ NUM - CONVERSATION= AUTO and CONV - DEFAULT= UNLIM and there is at least one service that does not assign CONV - LIMIT, or ■ NUM - CONVERSATION= AUTO and CONV - DEFAULT is undefined and there is at least one service that does not assign CONV - LIMIT.
Action	Correct the error in the attribute file. Define NUM - CONVERSATION with a particular value or define CONV - DEFAULT with a particular value or use the CONV - LIMIT attribute for every single service definition.
ETBE0026	Zero Value For Keyword Not Allowed
Explanation	The specified value for a correct keyword in a configuration file (for instance the broker attribute file) must not be zero or null value. This response arises in the following situations: <ol style="list-style-type: none"> 1. During broker startup, when the global resources defined in the section DEFAULTS= BROKER are read, a value of zero or null is detected for a value within this section. The broker cannot be started. 2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS= SERVICE section is read, a value of zero or null is detected within this service definition. The service cannot be registered.
Action	Correct the value assigned to the keyword in the configuration file.
ETBE0027	Value For Keyword Out Of Range
Explanation	The specified value for a correct keyword in a configuration file (for instance the broker attribute file) is out of range. This response arises in the following situations: <ol style="list-style-type: none"> 1. During broker startup when the global resources defined in the section DEFAULTS= BROKER are read, the wrong value is detected for a value within this section. The broker cannot be started.

2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a wrong value is detected within this service definition. The service cannot be registered.

Action Correct the value assigned to the keyword in the configuration file.

ETBE0028 Invalid Value For Keyword

Explanation The specified value for a correct keyword in a configuration file (for instance the broker attribute file) is wrong. This response arises in the following situations:

1. During broker startup, when the global resources defined in the section DEFAULTS=BROKER are read, a wrong value is detected for a value within this section. The broker cannot be started.
2. When a server tries to register with EntireX Broker and the service definition from the DEFAULTS=SERVICE section is read, a wrong value is detected within this service definition. The service cannot be registered.

Action Correct the value assigned to the keyword in the configuration file.

ETBE0029 SHORT-BUFF-LIMIT may not be UNLIM

Explanation The service-specific SHORT - BUFF - LIMIT value is specified with UNLIM. In this special configuration this is not allowed because the global NUM - SHORT - BUFFER attribute is set to AUTO. See also *Broker Resource Allocation* in the general administration documentation.

Action Either change the global NUM - SHORT - BUFFER parameter to a defined value, or change the specific SHORT - BUFF - LIMIT value to a particular value.

ETBE0030 SHORT-BUFF-DEF not spec or UNLIM

Explanation The global SHORT-BUFF-DEF attribute is either specified as UNLIM or not specified at all. The error occurs in situation where EntireX Broker cannot calculate the number of short buffers needed. This situation occurs if

- NUM - SHORT - BUFFER= AUTO and NUM - SHORT - DEF= UNLIM and there is at least one service that does not assign SHORT - BUFF - LIMIT, or
- NUM - SHORT - BUFFER= AUTO and NUM - SHORT - DEF is undefined and there is at least one service that does not assign SHORT - BUFF - LIMIT.

Action Correct the error in the attribute file. Define NUM - SHORT - BUFFER with a particular value or define NUM - SHORT - DEF with a particular value or use the SHORT - BUFF - LIMIT attribute for every single service definition.

ETBE0032	LONG-BUFF-LIMIT may not be UNLIM
Explanation	The service-specific LONG-BUFF-LIMIT value is specified with UNLIM. In this special configuration ,this is not allowed because the global NUM-LONG-BUFFER attribute is set to AUTO.
Action	Either change the global NUM-LONG-BUFFER parameter to a defined value, or change the specific SHORT-LONG-LIMIT value to a particular value.
ETBE0033	LONG-BUFF-DEF not spec or UNLIM
Explanation	The global LONG-BUFF-DEF attribute is either specified as UNLIM or not specified at all. The error occurs in situation where EntireX Broker cannot calculate the number of long buffers needed. This situation occurs if <ul style="list-style-type: none"> ■ NUM-LONG-BUFFER=AUTO and NUM-LONG-DEF=UNLIM and there is at least one service that does not assign LONG-BUFF-LIMIT, or ■ NUM-LONG-BUFFER=AUTO and NUM-LONG-DEF is undefined and there is at least one service that does not assign LONG-BUFF-LIMIT
Action	Correct the error in the attribute file. Define NUM-LONG-BUFFER with a particular value or define NUM-LONG-DEF with a particular value or use the LONG-BUFF-LIMIT attribute for every single service definition.
ETBE0034	SERVICE
Explanation	The DEFAULTS=SERVICE section in the attribute file could not be found.
Action	Correct the broker attribute file and provide a valid DEFAULTS=SERVICE section. See <i>Service-specific Attributes (DEFAULTS=SERVICE)</i> under <i>Broker Attributes</i> in the platform-independent administration documentation.
ETBE0035	Duplicate Value Found
Explanation	A duplicate keyword a configuration file (for instance the broker attribute file) cannot be read. <p>is found. This response arises in the following situation: At EntireX Broker startup time when the global resources defined in the section DEFAULTS=BROKER are read, a duplicate keyword is found within this section. The Broker cannot be started.</p>
Action	Eliminate the duplicate keyword in the broker attribute file.

- ETBE0036** **Unknown service attribute**
- Explanation** An unknown attribute definition was found. Please refer to the entry in the log file in order to find the line and the column where this error occurred.
- Action** Correct the broker attribute file and provide valid attribute definitions. See *Service-specific Attributes (DEFAULTS=SERVICE)* under *Broker Attributes* in the platform-independent administration documentation.
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- ETBE0037** **Value must be YES or NO**
- Explanation** The valid values for this attribute are YES or NO only. Please refer to the entry in the log file to find the line and the column where the error happened.
- Action** Correct the attribute file and select either YES or NO for the attribute where the error happened
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- ETBE0038** **Error During Open Of File**
- Explanation** A configuration file (for instance the broker attribute file) cannot be accessed. This response arises in the following situations:
1. During broker startup, when the global resources defined in the section `DEFAULTS=BROKER` are read, the broker cannot be started.
 2. When a server tries to register with EntireX Broker and the service definition from the `DEFAULTS=SERVICE` section is read, this service cannot be used.
- Action** Contact administrator or check for the following causes:
1. No configuration file is allocated to the broker.
 2. The specified configuration file does not exist.
 3. The broker has no access to the configuration file, for example for security reasons, or the configuration file is enqueued by another process.
 4. The configuration file has an invalid format for the platform used. Refer to the appropriate Installation documentation.
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- ETBE0039** **Env Var ETB_ATTR not set**
- Explanation** This message is issued during broker startup. The environment variable `ETB_ATTR` is not set. The broker attribute file cannot be accessed.
- Action** The environment variable `ETB_ATTR` must contain the path and file name of the broker attribute file to get startup parameters and the Service definitions. `ETB_ATTR` is set by the broker startup shell script. Check the assignment of `ETB_ATTR`.

ETBE0040	Error During Close Of File
Explanation	<p>A configuration file (for instance the broker attribute file) cannot be accessed. This response arises in the following situations:</p> <ol style="list-style-type: none"> 1. During broker startup, when the global resources defined in the section <code>DEFAULTS=BROKER</code> are read, the broker cannot be started. 2. When a server tries to register with the broker and the service definition from the <code>DEFAULTS=SERVICE</code> section is read, this service cannot be used.
Action	<p>Check all causes listed under error 0038, and then the following: Ensure that no other process has changed the file characteristics of the configuration file.</p>
ETBE0043	Service Definition Not Found
Explanation	<p>The broker did not find the service definition within the attribute file when a service attempted to register</p>
Action	<p>Check the service specified in the <code>CLASS</code>, <code>SERVER</code> and <code>SERVICE</code> fields in the API, or make sure the service definition in the broker attribute file is valid.</p>
ETBE0045	Keyword Value Must Be Numeric
Explanation	<p>The specified value for a correct keyword in a configuration file (for instance the broker attribute file) is wrong, that is, not alphanumeric. This response arises in the following situations:</p> <ol style="list-style-type: none"> 1. During broker startup, when the global resources defined in the section <code>DEFAULTS=BROKER</code> are read, a wrong value is detected for a value within this section. The broker cannot be started. 2. When a server tries to register with EntireX Broker and the service definition from the <code>DEFAULTS=SERVICE</code> section is read, a wrong value is detected within this service definition. The service cannot be registered.
Action	<p>Correct the value assigned to the keyword in the configuration file.</p>
ETBE0053	Global Broker Attribute Missing
Explanation	<p>A mandatory keyword in the broker attribute file is missing. This response arises in the following situation: During broker startup, when the global resources defined in the section <code>DEFAULTS=BROKER</code> are read, a keyword is missing in this section. The broker cannot be started.</p>
Action	<p>Insert the missing keyword in the broker attribute file.</p>

ETBE0054	DEFAULTS=BROKER Section Missing
Explanation	During broker startup, the section <code>DEFAULTS=BROKER</code> with the global resources was not found in the broker attribute file. The broker cannot be started.
Action	Define the section <code>DEFAULTS=BROKER</code> in the broker attribute file.
ETBE0056	Parameter processing error
Explanation	During broker startup, an error has been detected in a configuration file parameters (for instance in the broker attribute file).
Action	Examine the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0058	Failed To Get Memory From OS
Explanation	The requested store needed by the definitions made along with the attributes in the section <code>DEFAULTS=BROKER</code> in the broker attribute file is not available from the operating system.
Action	Increase the storage available to the EntireX Broker from the operating system or, if possible, decrease the defined resources in the section <code>DEFAULTS=BROKER</code> in the broker attribute file. The amount of storage required is given by message 0284.
ETBE0061	Shortage For NUM-LONG-BUFFER
Explanation	This is a resource shortage. Currently, no long message containers are available. Long message containers are used for data/messages longer than 2048 bytes.
Action	Because this is a temporary resource shortage, it makes sense to try the <code>SEND</code> call later in hope that the resource shortage is over. Be careful not to have a loop programmed in this situation. If this occurs frequently, increase the number of long message containers defined in the section <code>DEFAULTS=BROKER</code> with the keyword <code>NUM-LONG-BUFFER</code> .
ETBE0062	Work Queue Anchor For WQEs Missing
Explanation	The entry point to the work queue in the work queue header is not present. This can occur during broker startup. The broker cannot be started.
Action	Contact Software AG support.
ETBE0063	Failed To Start Worker Task
Explanation	The broker dispatcher has failed to start a worker task. This can occur during broker startup. The broker is active if at least one worker task can be started.
Action	Check that the setting of <code>NUM-WORKER</code> in the broker attribute file is not too high for the platform. Examine the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.

ETBE0064	Failed To Start All Workers Tasks
Explanation	The broker dispatcher has failed to start any worker task. This can occur at broker startup. The broker cannot be started.
Action	Examine the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0065	WQEs Lost
Explanation	The broker dispatcher has problems distributing the work to the worker subtasks.
Action	Contact Software AG support.
ETBE0066	No Worker Task Dispatched
Explanation	The broker dispatcher cannot find a worker subtask to delegate work to. The broker is stopped immediately.
Action	Contact Software AG support.
ETBE0069	NUM-LONG-BUFFER Available Again
Explanation	This message is issued when the resource shortage in the long message container is over. You may find a 0061 error message in the log data set denoting the start of the resource shortage.
Action	None. This message is informational only.
ETBE0070	Abnormal End Of Dispatcher
Explanation	The broker dispatcher has ended abnormally. The broker is stopped immediately.
Action	Contact Software AG support.
ETBE0071	NUM-SHORT-BUFFER Available Again
Explanation	This message is issued when the resource shortage in the short message container is over. You may find a 0057 error message in the log data set denoting the start of the resource shortage. v
Action	None. This message is for information purposes only.
ETBE0075	TRANS: Failed To Load Routine
Explanation	The user exit that performs translation services could not be loaded. For Broker Services, the translation routine for the service is specified by the TRANSLATION= <i>keyword</i> of the directory entry. For the broker, the translation routine for the service is specified by the TRANSLATION parameter for the service in the attribute file. The routine is loaded during RECEIVE calls to the broker.
Action	Check the log data set for further load failure messages. Possible causes for the failure are:

1. An incorrect name for the translation routine is specified.
2. The translation routine is linked incorrectly.
3. The translation routine does not reside in a library accessible by the Broker.

ETBE0076 No Free OMB - Log Messages Lost

Explanation While writing a message to the log data set, a resource shortage occurred and the output of a log message is not possible.

Action Contact Software AG support.

ETBE0077 Unknown Route Code Detected

Explanation The broker detected an error while writing a message. Messages are normally routed to the COM task for output.

Action Contact Software AG support.

ETBE0078 No OMB Available - Broker Failed

Explanation The broker detected an error while writing a message. The structure for routing messages to the COM task does not exist or is destroyed. The broker is stopped immediately.

Action Contact Software AG support.

ETBE0080 SHUTDOWN DUE TO INITIALIZATION ERROR

Explanation During broker startup, the EntireX Broker detected an initialization error which causes shutdown.

Action Examine the output referenced by the `SYSPRINT DD` statement as well as the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.

ETBE0082 Failed To Start Timeout Manager

Explanation The broker has failed to start the TOM Task. This situation can occur during broker startup. The broker cannot be started.

Action Examine the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.

ETBE0083	SYSPRINT FAILED TO OPEN
Explanation	During broker startup, an error has been detected attempting to open the data set referenced by the SYSPRINT DD statement. The attempted output from the echo of the broker startup parameters, the persistent store parameters, and the broker attribute file parameters to the data set referenced by the SYSPRINT DD statement failed.
Action	Examine the SYSPRINT DD statement, the broker log data set and the Operating System log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0084	Failed to start Common Output Manager
Explanation	The broker dispatcher has failed to start the Common Output Manager. This can occur when EntireX is started on BS2000/OSD.
Action	Examine the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0086	BROKER STARTUP PARAMETER(S) ERROR
Explanation	During broker startup, at least one error has been detected in the EntireX Broker startup parameters.
Action	Examine the output referenced by the SYSPRINT DD statement as well as the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0087	Failed To Open Error Log File
Explanation	The broker detected an error while writing messages to the log data set. This message is issued during broker startup. The broker cannot be started.
Action	Contact Software AG support.
ETBE0088	Failed To Get Lock
Explanation	This situation occurs when EntireX Broker is busy and internal resources needed to satisfy the call are currently not available.
Action	Retry the call to EntireX Broker. If this occurs frequently, contact Software AG support.
ETBE0089	Failed To Write Error Log File
Explanation	This message applies to z/OS systems only. EntireX Broker detected an error while writing messages to the log data set. This message is issued at EntireX Broker startup time. The broker cannot be started.
Action	Check the JCL for a missing assignment of the SYSTEM DD statement.

ETBE0090	EntireX Broker is not APF-authorized
Explanation	During broker startup, the EntireX Broker detected that the load libraries are not all APF-authorized in z/OS.
Action	Ensure that all the data sets referenced by the STEPLIB DD statement have been APF-authorized in z/OS. Check the spelling of the data set names for accuracy. Correct any error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0091	EntireX Broker not started under TSOS
Explanation	The EntireX Broker on BS2000/OSD was started with global attribute SECURITY=YES and security attribute ACCESS-SECURITY-SERVER=NO. This mode requires Broker running under TSOS in order to execute privileged security checks.
Action	Start Broker under TSOS.
ETBE0092	Communication Manager Not Stopped
Explanation	The broker has detected a shutdown request, and after telling the COM task to terminate, the COM task has not terminated within an acceptable time limit.
Action	Examine the log data set of EntireX Broker and the operating system log. If the cause cannot be determined, contact Software AG support.
ETBE0095	Invalid WQE Status Detected
Explanation	An error has been detected during the return of the user's EntireX Broker call back to the caller.
Action	Contact Software AG support.
ETBE0096	Max Possible NUM-SERVICE Reached
Explanation	The maximum number of EntireX Broker services that can be active at one time is reached. A subsequent service register request is not accepted.
Action	Try again later. If this error occurs frequently, increase the NUM-SERVICE attribute in the section DEFAULTS=BROKER in the broker attribute file.
ETBE0097	Max possible NUM-TOPIC reached
Explanation	The maximum number of EntireX Broker topics that can be active at one time is reached.
Action	Try again later. If this error occurs frequently, increase the NUM-TOPIC attribute in the section DEFAULTS=BROKER in the broker attribute file.

ETBE0106	Security Server not accessible
Explanation	The EntireX Broker on BS2000/OSD was started with global attribute SECURITY=YES and security attribute ACCESS-SECURITY-SERVER=YES. This mode requires that the Broker Security Server has already been started.
Action	Start Broker Security Server and then restart the broker.
ETBE0112	No SUBSCRIBER-STORE assigned
Explanation	A topic is defined as ALLOW-DURABLE=YES but there is no subscriber store defined to save the subscriber data on any store.
Action	Either change the topic attributes to ALLOW-DURABLE=NO which makes it impossible to make a durable subscription, or set the value of global attribute SUBSCRIBER-STORE to PSTORE. A valid SUBSCRIBER-STORE requires additional attributes for the persistent store type etc.
	Note: The secondary persistent store (SSTORE) feature is no longer available. We recommend you use the PSTORE persistent store to store your subscriber data, by setting Broker-specific parameter SUBSCRIBER-STORE=PSTORE.
ETBE0115	NET: NODE attribute missing
Explanation	Attribute NODE in section DEFAULTS=NET is not defined. However, attribute NODE is necessary to identify the DBID that the broker uses to work as an addressable "target". Extracting the DBID from the numeric section of the BROKER-ID is no longer supported.
Action	Set attribute NODE=dbid.
ETBE0116	Allocation of Communicator pool failed
Explanation	During Broker startup, the shared memory for the Communicator instances could not be allocated. The previous message in the broker error log contains detailed information about the allocation problem.
Action	Check the previous error log message to solve the problem. If the shared memory is already allocated, a message "File exists" is written as the previous log message.
ETBE0120	Broker Startup Failed
Explanation	Broker startup has failed.
Action	Examine the broker log data set and the operating system log and use the information message in the log data set issued at startup to determine the cause of the error. If you cannot determine the cause, contact Software AG support.

ETBE0128	Work queue full or alloc XWQE failed
Explanation	The broker was unable to successfully allocate a worker queue entry (WQE) because insufficient entries are available.
Action	Increase the parameter NUM-WQE in the broker attribute file.
ETBE0129	Not enough space in Communication buffer
Explanation	Communication buffer is too small.
Action	Increase size of the communication buffer (NUM-COMBUF) and retry.
ETBE0132	PSI: Parameters not specified
Explanation	During broker startup, the EntireX Broker persistent store parameters were not specified. This is caused by not having SYSIN specified in the startup job.
Action	The EntireX Broker persistent store parameters need to be specified in the input data set referenced by the SYSIN DD statement.
ETBE0133	PSI: Parameter processing error
Explanation	During broker startup, an error has been detected in the broker persistent store parameters.
Action	Examine the output referenced by the SYSPRINT DD statement as well as the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0135	Failed to release Attached Buffers
Explanation	This is an internal error and occurs if the buffer manager gets inconsistent data structures.
Action	Contact Software AG support.
ETBE0146	Access denied by Security Facility
Explanation	The user-written security exit has returned an error. The user is not authorized to use EntireX Broker.
Action	A security violation has occurred. This message and the related user ID are written to the broker log.

ETBE0147	No authorization for this Service
Explanation	The user-written security exit has returned an error. The user is not authorized to use the requested Service.
Action	A security violation has occurred. This message and the related user ID are written into the broker log.
ETBE0150	EntireX Broker Invalid Operator Command
Explanation	The broker has received an invalid command from the operator console.
Action	This is a user error. Check the operator command specified
ETBE0151	Memory Pool <1> Macro <2> Failed. R15: <3>
Explanation	During Broker startup, the required memory could not be allocated and the Broker could not be started. The name of the macro that failed is given in <2>. For BS2000/OSD, also given are the memory pool name in <1> and the return code of the macro in <3>.
Action	<p>Check the space requirements against the available space. Space requirements are highly influenced by the attributes defined in the attribute file. For the actual size, see message 0284 which was issued during Broker startup.</p> <p>For BS2000/OSD, you can obtain additional information by looking up the meaning of the macro return code in the BS2000/OSD <i>Executive Macros</i> documentation (<i>Makroaufrufe an den Ablaufteil</i>).</p> <p>Example: R15 = 14000004 for ENAMP means that there is not enough free space in the task's address space.</p> <p>If you cannot determine the cause of the error, contact Software AG support.</p>
ETBE0152	Attach Error: <1>
Explanation	This message applies to BS2000/OSD only. During startup, the Broker engine could not start the Dispatcher or the Dispatcher could not start the other Broker tasks. Therefore, the broker could not be started.
Action	<p>Administrator - Depending on the additional error information:</p> <ol style="list-style-type: none"> 1. <code><err.msg.code></code> from ENTER for <code><task></code> <p>BS2000/OSD returns error message code <code><err.msg.code></code> for ENTER/ENTER-JOB command which is used to start task <code><task></code>. Analyze the error message code and check parameter PRM... for <code><task></code> in EntireX Broker engine parameter file.</p> <p>Example: JMS0031 from ENTER for ETBTOM means that BS2000/OSD has given error JMS0031 which means "job class not known to system". The cause for this error is a wrong job class name specified with parameter PRMTOM.</p> 2. Internal error during ENTER for <code><task></code>

The ENTER/ENTER-JOB command itself causes a problem. Contact Software AG support.

3. No JCL defined for *<task>*

The JCL location was not specified correctly. Check parameter JOB.... for *<task>* in EntireX Broker engine parameter file for example, parameter JOBTOM if *<task>* is TOM.

ETBE0153 Load For Module <1> Failed - Abend

Explanation This message applies to BS2000/OSD only. During startup, the identified Broker module could not be loaded and therefore the broker could not be started.

Action The module must be contained in the module library that is assigned to link name DDLIB2 in the broker startup procedure. If this has been done correctly and you cannot determine the cause of the error, contact Software AG support.

ETBE0154 No Response From Dispatcher

Explanation The EntireX Broker engine has not received "Ready for work" from the Broker Dispatcher and the broker cannot be started.

Action z/OS and z/VSE users, contact Software AG support.

BS2000/OSD users, ensure that the Dispatcher task was started correctly and program ETBMAIN was loaded before this error message was issued. If both are true, contact Software AG support.

ETBE0155 <1> Unknown ECB Name <2>

Explanation This message applies to BS2000/OSD only. The ECB name that determines the event name for BS2000/OSD eventing is invalid. The program where the error was detected is identified in the message (*<1>* and *<2>*).

Action Contact Software AG support.

ETBE0156 ETBXSI: Invalid Task Type

Explanation This message applies to BS2000/OSD only. The task name was not passed correctly to a task started by the Broker Engine or the Broker Dispatcher and therefore the broker could not be started.

Action Contact Software AG support.

ETBE0157	<1> Macro <2> Failed. R15: <3>
Explanation	This message applies to BS2000/OSD only. A BS2000/OSD macro has returned an error. If this happens during startup, the EntireX Broker cannot be started. The name of the program where the error was detected is given in <1>, the macro name in <2>, and the return code in <3>.
Action	Check the explanation for the return code in the BS2000/OSD <i>Executive Macros</i> documentation (<i>Makroaufrufe an den Ablaufteil</i>). If the cause cannot be determined, contact Software AG support.
ETBE0158	<1> Unresolved Pointer To <2>
Explanation	The address of an internal structure is not valid. The name of the program where the error was detected is given in <1> and the name of the structure is given in <2>.
Action	Contact Software AG support.
ETBE0159	<1> Log Error: <2>
Explanation	An error has occurred during logging done in the EntireX Broker engine. The name of the program where the error was detected is given in <1>. <2> contains additional information about the error situation.
Action	Depends on the additional error information: <ul style="list-style-type: none"> ■ File not assigned Check JCL of EntireX Broker start job for CLOG assignment. ■ OPEN error Check access to file assigned to CLOG. Ensure that the CLOG file has the correct format for the platform used. ■ Data set is full This is for information purposes only. Logging is stopped but EntireX Broker continues. <p style="margin-left: 40px;">Any other error situation: contact Software AG support.</p>
ETBE0161	Broker Version vrsn Initialization Failed
Explanation	The EntireX Broker engine could not start the Dispatcher successfully, or the Dispatcher started but has not reached "Ready for work and active". Notation <i>vrsnn</i> refers to the version, release, SM and patch level, for example 61102 if patch 2 is installed.
Action	Examine the broker log data set and the operating system log. Correct the error and restart the broker. If you cannot determine the cause of the problem, contact Software AG support.

ETBE0168 **This instance of BROKER already running**
Explanation You have attempted to start a Broker that is already running.
Action This message is for information purposes only.

ETBE0169 **XTI Operator Control Initialize Failed**
Explanation Broker cannot create the thread to run the XTI operator command handler. This component is needed to run the Adabas/Entire Net-Work transport properly on Windows platforms. Broker will shutdown.
Action Please check previous error messages and contact Software AG support.

ETBE0172 **Failed to get Attached Buffers**
Explanation The broker buffer manager could not allocate memory for the RECEIVE buffer. A detailed error message follows this message.
Action Check the next error message line in the EntireX broker error log.

ETBE0190 **API: Invalid Cmd/Info Services Version**
Explanation The EntireX Broker kernel does not recognize the Command and Information Services API version requested.

Action This is a user error. Please check the following:

- If you are using ETBINFO, ETBCMD or any other Software AG-provided Command and Information Services application: Check that the version of ETBINFO or ETBCMD is the same or earlier than the version of the Broker kernel.
- If you are using your own Command and Information Services application: verify that the Command and Information Services API version will work with the version of EntireX. The following table shows the maximum CIS API version for the respective version of EntireX:

Broker/EntireX Version	Max. CIS API Version
ETB 1 or ETB 2	1
EXX 3,4,5,6	2
EXX 7.1	3
EXX 7.2	4
EXX 7.3	5
EXX 8.0 or 8.1	6
EXX 8.2	7
EXX 9.0, 9.5, 9.6	8

- A possible cause for this error is a SEND-LENGTH that is too short. Increase this value if necessary.

ETBE0196	Disconnected Due To New Location
Explanation	This situation occurs only when working with the <code>TOKEN</code> parameter in the API; that is, the user is identified by <code>USER - ID/TOKEN</code> instead of <code>USER - ID/Internal ID</code> . If the user changes the physical location between EntireX Broker calls (e.g., a new session from another terminal), the old session retrieves this response. The new session takes all conversations of the old session.
Action	The program has to be ended.
ETBE0207	STUB: No request or reply buffer
Explanation	This is a problem with the broker stub used by the application. The stub did not send the broker call in the correct internal format.
Action	Check that the broker stub being used is the correct one. Check the log data set for an image of the internal format. Examine this string for the user issuing the call.
ETBE0217	Worker Task Failed - Broker Stopped
Explanation	The broker dispatcher has detected the abend of a worker task. The broker is stopped immediately.
Action	If the problem reoccurs, start the broker with parameter <code>SIGCATCH=NO</code> . This will produce a dump of the error situation. Send this dump to Software AG support.
ETBE0220	Counter gets negative:
Explanation	One of the internal counters describing the number of used short buffers, long buffers, etc. has become negative.
Action	Contact Software AG support.
ETBE0223	ERROR FROM USER TRANSLATION
Explanation	This message is written if the user translation or conversion routine has an error. The message indicates active <code>class.name.service</code> and name of the relevant translation or conversion routine.
Action	This is a user error. Check the application, locale string assigned and designated translation or conversion exit. Correct the error.
ETBE0224	POST / WAIT error occurred
Explanation	The internal communication between Broker processes has failed. This is a hard error. The previous message line in the broker error log contains additional error information.
Action	The error must be solved to get the broker running properly. A restart of the broker could be required.

ETBE0232	PSI: Query release failed
Explanation	Resources obtained for a Command and Info Services query cannot be released.
Action	Contact Software AG support
ETBE0236	ABEND flagged, go down now
Explanation	The broker has terminated abnormally.
Action	Contact Software AG support.
ETBE0240	Error in ENCRYPTION/DECRYPTION exit
Explanation	An error has occurred within the security exit, either explicitly returned by the exit function, or implicitly by overwriting the buffer maximum length.
Action	Check the implementation of the security exit. Also check whether the application has sufficient permission to perform the desired operation.
ETBE0242	Error in LOGOFF exit
Explanation	An error occurred during the invocation of the LOGOFF exit.
Action	Check the behavior of your security exit.
ETBE0256	Receive Task failed
Explanation	The Receive task could not be created correctly by the Communicator nucleus.
Action	The previous message line in the broker error log describes the reason for the failed task creation. The broker terminates with an error condition. Try to solve the problem and restart the broker.
ETBE0257	Reply Task failed
Explanation	The Communicator nucleus could not create the Reply task correctly.
Action	The previous message line in the broker error log describes the reason for the failed task creation. EntireX Broker terminates with an error condition. Try to solve the problem and restart the broker.
ETBE0261	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.

ETBE0265	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	<p>Recommendations:</p> <ul style="list-style-type: none"> ■ Increase NUM-SERVICE. ■ Increase NUM-SERVER. ■ Increase NUM-CLIENTS. <p>Increasing the values will increase the total number of SCBs.</p> <p>To free up the idle SCBs sooner:</p> <ul style="list-style-type: none"> ■ Decrease CLIENT-NONACT. ■ Decrease CONV-NONACT. ■ Set SERVER-NONACT. <p>Decreasing the non-activity timers will cause the inactive resources to be made available to other users.</p> <p>If DYNAMIC-MEMORY-MANAGEMENT is set to YES, this error should no longer occur.</p>
ETBE0269	PSTORE required
Explanation	An EntireX Broker call involving PSTORE is requested but EntireX Broker runs with setting PSTORE=NO. Any PSTORE operation is prohibited.
Action	Contact your Broker Administrator.
ETBE0271	Communicator Nucleus failed
Explanation	The Communicator nucleus could not initialize tasks or resources correctly.
Action	The previous message lines in the broker error log describe the reason for the failed Communicator initialization. EntireX Broker terminates with an error condition. Try to solve the problem and restart the broker.
ETBE0272	Inactive task detected
Explanation	Each EntireX Broker process waits a short time after successful initialization. The process then checks all other Broker processes for activity. If a task is not active, this message is issued. The broker performs its shutdown processing and terminates with an error.
Action	Check the reason for the failed process and try to solve the problem.

ETBE0276	:1: / Various MCI Errors on UNIX
ETBE0277	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.
ETBE0316	PSI: Persistent Store init failed
Explanation	Initialization of the persistent store failed. The broker could not be initialized.
Action	Verify that the persistent store environment is set up properly and restart the broker.
ETBE0319	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.
ETBE0320	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.
ETBE0321	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.
ETBE0322	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.

ETBE0323	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.
ETBE0326	PSI: PURGE failed
Explanation	An attempt to delete data from the persistent store has failed.
Action	Examine the broker log file for more information and contact Software AG support if necessary.
ETBE0328	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.
ETBE0354	EntireX License Key Error
Explanation	An error occurred while processing the EntireX License file. Additional error test will provide more information. The broker kernel will terminate.
Action	Consult the additional error text and take appropriate action.
ETBE0358	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.
ETBE0370	PSILIB: Invalid PSTORE-TYPE value
Explanation	An error occurred during initialization of PSTORE. The attribute, which specifies type of PSTORE, is not correct.
Action	Check the broker attribute file. PSTORE - TYPE should be ADABAS, DIV, or FILE.
ETBE0378	PSILIB: Library not loadable
Explanation	An error occurred while loading a module for PSTORE.
Action	Check the library path (or steplib value), and make sure that pstore modules are installed. Pstore module names could be BTPSI or ADAPSI. The names vary depending on platform.

ETBE0379	API: Inconsistent security installation
Explanation	The setting for security in the broker kernel is different from the settings in one or more of the broker stubs. Either the broker kernel and all stubs must be configured to operate with security, or the kernel and all stubs must be configured to operate without security. See <i>Security Solutions in EntireX</i> . For ACI version 8 and above, this error can be caused by an application not honoring the returned value of kernel security in the broker control block field.
Action	Ensure the security settings are consistent for broker kernel and all the stubs.
ETBE0381	Unable to get lock for PCB Create
Explanation	The broker is busy and the internal resources needed to satisfy the call are currently not available (due to concurrent attempts to serialize the process of creating a user, a block occurs and the user cannot get logged on).
Action	Retry the call to the broker. If this happens frequently, contact Software AG support.
ETBE0383	PSILIB: PSILIB: PSTORE value invalid
Explanation	This error is associated with an invalid value for the PSTORE parameter for the persistent store being used.
Action	Check the available values for PSTORE for the target persistent store. To create a new (empty) B-tree persistent store, use PSTORE=COLD. Note: B-tree is no longer supported. Using B-tree, data could be lost under certain machine failure conditions.
ETBE0385	Topic definition not found
Explanation	The broker did not find the topic definition within the attribute file when a topic attempted to subscribe.
Action	Check the topic specified in the TOPIC field in the API, or make sure the topic definition in the broker attribute file is valid.
ETBE0388	PSI: UOWs can NOT be persisted
Explanation	A request for a UOW to be persisted (STORE=BROKER) cannot be fulfilled, because at startup the broker attributes specify no persistent store (PSTORE=NO).
Action	Review broker attribute settings related to the persistent store.

ETBE0389	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.
ETBE0396	Start of SSL Communicator Failed
Explanation	Broker cannot create the thread to run the communication manager for SSL transport. If it is not possible to start at least one communication manager, broker will shutdown.
Action	Please check previous error messages and contact Software AG support.
ETBE0402	SECURITY/ENCRYPTION-LEVEL mismatch
Explanation	A mismatch in the broker attribute file has been detected: If an ENCRYPTION-LEVEL is specified, then SECURITY must be set to YES.
Action	Verify that the security exit is present and set SECURITY=YES to enable ENCRYPTION-LEVEL processing.
	Note: The broker attribute setting SECURITY=NO cannot be used with any encryption level not equal to 0 (= zero); otherwise the ETBE0402 error condition will occur when application issues registration command.
ETBE0405	PSI: UOW Index initialization failed
Explanation	The 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.
ETBE0406	PSI: Add entry to UOW Index failed
Explanation	The 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.
ETBE0407	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.

ETBE0409	PSI: Delete entry from UOW Index failed
Explanation	The 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.
ETBE0410	PSI: Close UOW Index failed
Explanation	The 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.
ETBE0414	SUBSCRIBER-STORE needs PSTORE
Explanation	SUBSCRIBER-STORE=PSTORE is defined in broker attribute file, but PSTORE is set to NO in order to disable the persistent store for this Broker run.
Action	Set PSTORE=COLD or PSTORE=HOT to run Broker with enabled PSTORE.
ETBE0415	NUM-SUBSCRIBER-TOTAL too small
Explanation	NUM-SUBSCRIBER-TOTAL must be greater than or equal to NUM-SUBSCRIBER. This parameter is required if SUBSCRIBER-STORE=PSTORE is defined.
Action	Set NUM-SUBSCRIBER-TOTAL to AUTO or use a value greater than or equal to NUM-SUBSCRIBER.
ETBE0416	NUM-TOPIC-TOTAL too small
Explanation	NUM-TOPIC-TOTAL must be greater than or equal to NUM-TOPIC. This parameter is required if SUBSCRIBER-STORE=PSTORE is defined.
Action	Set NUM-TOPIC-TOTAL to AUTO or use a value greater than or equal to NUM-TOPIC.
ETBE0423	AUTO/Catch-All Service mismatch
Explanation	A mismatch in the broker attribute file has been detected: if the catch-all service has been defined (CLASS= *, SERVER= *, SERVICE = *) then the value of AUTO is not allowed for the NUM-CONVERSATION, NUM-LONG-BUFFER or NUM-SHORT-BUFFER attributes.
Action	If the catch-all service is defined, make sure the attributes NUM-CONVERSATION, NUM-LONG-BUFFER and NUM-SHORT-BUFFER all have specified values.

ETBE0425	Start of TCP Communicator Failed
Explanation	Broker cannot create the thread to run the communication manager for TCP/IP transport. If it is not possible to start at least one communication manager, Broker will shutdown.
Action	Please check previous error messages and contact Software AG support.
ETBE0427	Failed to start Any Communicators
Explanation	Broker is not able to start at least one communication manager and shuts down.
Action	Please check previous error messages and contact Software AG support.
ETBE0431	Error during read of file
Explanation	A configuration file (for instance the broker attribute file) cannot be read.
Action	Make sure that the configuration file is readable and not corrupt.
ETBE0446	ATTR: SERVER-LIMIT may not be UNLIM
Explanation	The service-specific <code>SERVER-LIMIT</code> value is specified with <code>UNLIM</code> . In this special configuration, this is not allowed because the global <code>NUM-SERVER</code> attribute is set to <code>AUTO</code> . See also <i>Broker Resource Allocation</i> in the general administration documentation.
Action	Either change the global <code>NUM-SERVER</code> parameter to a defined value, or change the specific <code>SERVER-LIMIT</code> value to a particular value.
ETBE0447	ATTR: SERVER-DEFAULT not spec or UNLIM
Explanation	The global <code>SERVER-DEFAULT</code> attribute is either specified as <code>UNLIM</code> or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of servers needed. This situation occurs if <ul style="list-style-type: none"> ■ <code>NUM-SERVER=AUTO</code> and <code>SERVER-DEFAULT=UNLIM</code> and there is at least one service that does not assign <code>SERVER-LIMIT</code>, or ■ <code>NUM-SERVER=AUTO</code> and <code>SERVER-DEFAULT</code> is undefined and there is at least one service that does not assign <code>SERVER-LIMIT</code>.
Action	Correct the error in the attribute file. Define <code>NUM-SERVER</code> with a particular value or define <code>SERVER-DEFAULT</code> with a particular value or use the <code>SERVER-LIMIT</code> attribute for every single service definition.

ETBE0450	Error during data compression
Explanation	Compression of the data was attempted, but resulting size was equal to or greater than original data.
Action	The compress option is turned OFF for this transmission of data; data will not be compressed.
ETBE0451	Error during data decompression
Explanation	During a decompress operation, failure occurred; it is most likely the result of insufficient memory for the process.
Action	Increase available memory for process, if possible.
ETBE0452	Unexpected error during comp/decomp
Explanation	Error resulted from a compress or decompress operation, and is not accounted for by Errors 450 or 451.
Action	Save trace information. Contact Software AG support.
ETBE0456	Accounting file did not open; set to off
Explanation	The accounting output file on UNIX or Windows failed to open during Broker startup. The accounting function is turned off.
Action	If accounting is not needed, no action is required. If accounting is needed, ensure that the accounting file to be written to is not in use by another process. After the accounting file is freed, the Broker must be restarted.
ETBE0459	PUBLICATION-DEFAULT not spec/UNLIM
Explanation	The global PUBLICATION-DEFAULT attribute is either specified as UNLIM or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of publications needed. This situation occurs if <ul style="list-style-type: none">■ NUM-PUBLICATION=AUTO and PUBLICATION-DEFAULT=UNLIM and there is at least one topic that does not assign PUBLICATION-LIMIT, or■ NUM-PUBLICATION=AUTO and PUBLICATION-DEFAULT is undefined and there is at least one topic that does not assign PUBLICATION-LIMIT.
Action	Correct the error in the attribute file. Define NUM-PUBLICATION with a particular value or define PUBLICATION-DEFAULT with a particular value or use the PUBLICATION-LIMIT attribute for every single topic definition.

ETBE0460	PUBLICATION-LIMIT may not be UNLIM
Explanation	The topic-specific PUBLICATION-LIMIT value is specified with UNLIM. In this special configuration, this is not allowed because the global NUM-PUBLICATION attribute is set to AUTO. See also <i>Broker Resource Allocation</i> in the general administration documentation.
Action	Either change the global NUM-PUBLICATION parameter to a defined value, or change the specific PUBLICATION-LIMIT value to a particular value.
ETBE0461	SUBSCRIBER-DEFAULT not spec/UNLIM
Explanation	The global SUBSCRIBER-DEFAULT attribute is either specified as UNLIM or not specified at all. The error occurs in situations where EntireX Broker cannot calculate the number of subscribers needed. This situation occurs if <ul style="list-style-type: none"> ■ NUM-SUBSCRIBER=AUTO and SUBSCRIBER-DEFAULT=UNLIM and there is at least one topic that does not assign SUBSCRIBER-LIMIT or ■ NUM-SUBSCRIBER=AUTO and SUBSCRIBER-DEFAULT is undefined and there is at least one topic that does not assign SUBSCRIBER-LIMIT.
Action	Correct the error in the attribute file. Define NUM-SUBSCRIBER with a particular value or define SUBSCRIBER-DEFAULT with a particular value or use the SUBSCRIBER-LIMIT attribute for every single topic definition.
ETBE0462	SUBSCRIBER-LIMIT may not be UNLIM
Explanation	The topic-specific SUBSCRIBER-LIMIT value is specified with UNLIM. In this special configuration, this is not allowed because the global NUM-SUBSCRIBER attribute is set to AUTO. See also <i>Broker Resource Allocation</i> in the general administration documentation.
Action	Either change the global NUM-SUBSCRIBER parameter to a defined value, or change the specific SUBSCRIBER-LIMIT value to a particular value.
ETBE0463	TOPIC Section missing
Explanation	The DEFAULTS=TOPIC section in the attribute file could not be found.
Action	Correct the attribute file and provide a valid DEFAULTS=TOPIC section. See <i>Topic-specific Attributes</i> (DEFAULTS=TOPIC) under <i>Broker Attributes</i> in the platform-independent administration documentation.

ETBE0470	AUTO/Catch-All Topic mismatch
Explanation	A mismatch in the broker attribute file has been detected: if a catch-all topic has been defined (e.g. TOPIC= *), then the value of AUTO is not allowed for the NUM-PUBLICATION, NUM-LONG-BUFFER, NUM-SHORT-BUFFER, or NUM-SUBSCRIBER attributes.
Action	If a catch-all topic is defined, make sure the attributes NUM-PUBLICATION, NUM-LONG-BUFFER, NUM-SHORT-BUFFER, and NUM-SUBSCRIBER all have specified values.
ETBE0474	Durable SUBSCRIBE not allowed
Explanation	TOPIC attribute specifies ALLOW-DURABLE=NO, but application has requested to subscribe durably.
Action	Ensure broker attribute file is consistent with the intention of the application.
ETBE0490	Max possible NUM-PUBLISHER reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker publishers that can be active at one time is reached. A new publisher cannot be handled until publisher resources are available again by user timeouts.
Action	Increase NUM-PUBLISHER (or if PUBLISHER-NONACT has too high a value, decrease it) in the broker attribute file.
ETBE0491	Max possible NUM-SUBSCRIBER reached
Explanation	This is a temporary resource shortage. The maximum number of EntireX Broker subscribers that can be active at one time is reached. A new subscriber cannot be handled until subscriber resources are available again by user timeouts.
Action	Increase NUM-SUBSCRIBER (or if SUBSCRIBER-NONACT has too high a value, decrease it) in the broker attribute file.
ETBE0496	Timeout Manager not Active
Explanation	All Broker threads check the active state of the Timeout Manager during startup. This task is not running and Broker will shutdown.
Action	Check the log file for error messages created by the Timeout Manager.
ETBE0497	Worker Task not Active
Explanation	All Broker threads check the active state of the Worker tasks during startup. Since at least one Worker task did not come up properly, Broker will shutdown.
Action	Check the log file for error messages created by the Worker tasks.

ETBE0501	TCP-PORT numbers not unique
Explanation	You cannot specify the same PORT number twice for the same HOST.
Action	Specify a different PORT number.
ETBE0502	Failed to get lock for WQE
Explanation	This message reports a situation where EntireX Broker internal resources are currently not available.
Action	None. This message is for diagnostic purposes only. EntireX Broker recovers the situation internally.
ETBE0534	CONVERSION ignored if ICU-CONVERSION=NO
Explanation	Global attribute ICU-CONVERSION in Broker section is set to NO and one or more service (or topic) definitions specify CONVERSION METHOD=ICU.
Action	Change broker attribute ICU-CONVERSION to YES.
ETBE0511	Nucleus Startup Failed
Explanation	One nucleus of the transport layer detected an error and will stop now. All supported transports will issue this message on error.
Action	Check the log file for error messages. Contact Software AG support.
ETBE0514	Transport Initialization Failed
Explanation	An error occurred during initialization of the transport layer. All supported transports will issue this message on error during initialization.
Action	Check the log file for error messages. Contact Software AG support.
ETBE0547	Max num AUTHORIZATIONRULE reached
Explanation	The maximum number of AUTHORIZATIONRULE entries in the attribute file has been reached. The current maximum number is 16 authorization rules.
Action	Reduce the number of AUTHORIZATIONRULE entries.
ETBE0548	Max num HOST entries reached
Explanation	You cannot specify more than five HOST entries per section.
Action	Reduce number of HOST entries.

ETBE0549	Max num PORT entries reached
Explanation	You cannot specify more than five PORT entries per section.
Action	Reduce number of PORT entries.
ETBE0550	DEFAULTS=NET section missing
Explanation	TRANSPORT=NET was specified but the transport-specific section DEFAULTS=NET is missing.
Action	Define the transport-specific attributes in section DEFAULTS=NET.
ETBE0551	DEFAULTS=SSL section missing
Explanation	TRANSPORT=SSL was specified but the transport-specific section DEFAULTS=SSL is missing.
Action	Define the transport-specific attributes in section DEFAULTS=SSL.
ETBE0554	ICULIB: Library not loadable
Explanation	The ICU Converter library (sagtchaicu.so on UNIX, sagtchaicu.dll on Windows or EXXICU on z/OS) is not loadable. The broker kernel will terminate.
Action	Contact Software AG support.
ETBE0555	Program Exception
Explanation	A program exception was detected in Broker. The current request was interrupted with error response 00780777. Further details of the exception will be reported in the broker log.
Action	Contact Software AG support.
ETBE0558	**N00**ETBXXCPT Signal SIGSEGV caught at location 0xA4800658
Explanation	Broker not APF-authorized.
Action	Ensure that all load libraries in the broker kernel steplib are APF-authorized.
ETBE0561	DEFAULTS=TCP section missing
Explanation	TRANSPORT=TCP was specified but the transport-specific section DEFAULTS=TCP is missing.
Action	Define the transport-specific attributes in section DEFAULTS=TCP.

ETBE0562	Failed to start console task
Explanation	The mainframe console task failed to start. The broker kernel will terminate.
Action	Contact Software AG support.
ETBE0564	SSL-PORT numbers not unique
Explanation	You cannot specify the same PORT number twice for the same HOST.
Action	Specify a different PORT number.
ETBE0565	Specify two or none command log file(s)
Explanation	Two command log output files are required for command logging.
Action	Specify two command log output files when starting the broker kernel.
ETBE0568	Max num STACK-NAME entries reached
Explanation	You cannot specify more than five STACK-NAME entries per section.
Action	Reduce number of STACK-NAME entries.
ETBE0570	Invalid IBM LE version
Explanation	EntireX Broker requires z/OS version 1.12 or above.
Action	Contact Software AG support.
ETBE0575	PSI: Set Trace Level failed
Explanation	Unable to set the persistent store-specific trace level.
Action	Contact Software AG support.
ETBE0577	Worker queue allocation failed
Explanation	Broker could not create the queue entries and semaphores to manage the worker tasks.
Action	Contact Software AG support.
ETBE0583	Invalid SAF-ID specified
Explanation	An invalid SAF user ID was specified while attempting to reset a user.
Action	Ensure that SAF user ID is correct.

ETBE0584	Failed to retrieve Security Information
Explanation	Command and Information Services were unable to obtain security information. Security information is only available with EntireX Security.
Action	This message is for informational purposes only.
ETBE0585	broker attribute ACCOUNTING is not on
Explanation	Command and Information Services were unable to enable or disable accounting because the broker ACCOUNTING attribute is not on.
Action	This message is for informational purposes only.
ETBE0590	Error in INITIALIZATION exit
Explanation	EntireX Security encountered an error during initialization. Additional error information will describe the problem. The broker kernel will terminate.
Action	Consult the additional error text and take appropriate action or contact Software AG support.
ETBE0591	DEFAULTS section missing
Explanation	The broker attribute file is missing a DEFAULTS section. Additional error information will display the section name.
Action	Consult the additional error text and take appropriate action.
ETBE0594	Variable not expanded
Explanation	A variable in a configuration file (for instance the broker attribute file) cannot be read. could not be expanded. Additional error information will display the variable name.
Action	Consult the additional error text and take appropriate action.
ETBE0596	Error in FINALIZATION exit
Explanation	EntireX Security encountered an error during finalization. Additional error information will describe the problem.
Action	Consult the additional error text and take appropriate action or contact Software AG support.

ETBE0597	Error in INFORMATION exit
Explanation	EntireX Security encountered an error during a Command and Information Services request. Additional error information will describe the problem.
Action	Consult the additional error text and take appropriate action or contact Software AG support.
ETBE0598	Error in COMMAND exit
Explanation	EntireX Security encountered an error during a Command and Information Services request. Additional error information will describe the problem.
Action	Consult the additional error text and take appropriate action or contact Software AG support.
ETBE0599	Macro BIND failed with RC xxxxxxxx for module yyyyyyyy or Macro VSVI1 failed with RC xxxxxxxx for entry point yyyyyyyy
Explanation	An operating system function returned an error.
Action	Please determine the real error by checking the macro return code in the BS2000/OSD documentation. For example, Message "ETBE0599 Macro BIND failed with RC 0C010600 for module BROKBTIA" will be issued if the ETBLIB is not correctly assigned to the load library containing module BROKBTIA.
ETBE0602	Start of TCP/IP Proxy failed
Explanation	The proxy component of the TCP/IP communicator could not be started in order to interact with the partner Broker.
Action	Check the output files for additional error messages issued by the Broker.
ETBE0603	Start of SSL Proxy failed
Explanation	The proxy component of the SSL communicator could not be started in order to interact with the partner Broker.
Action	Check the output files for additional error messages issued by the Broker.
ETBE0611	Failed to open command log file:
Explanation	A command log output file could not be opened. Additional error information will describe the problem. Command logging will be disabled.
Action	Consult the additional error text and take appropriate action or contact Software AG support.

ETBE0612	broker attribute CMDLOG is not on
Explanation	Command and Information Services were unable to enable or disable command logging, switch command log output files or manipulate command log filters because the broker CMDLOG attribute is not on.
Action	This message is for informational purposes only.
ETBE0619	Pipe error occurred
Explanation	The internal communication of Broker failed due to an operating system error.
Action	Contact Software AG support.
ETBE0620	Heap overflow
Explanation	The internal heap is exceeded.
Action	Increase the HEAP-SIZE and restart Broker.
ETBE0623	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.
ETBE0628	Expect PSTORE=HOT in STANDBY mode
Explanation	The Standby Broker instance must use PSTORE=HOT in order to perform a PSTORE takeover if necessary.
Action	Define PSTORE=HOT for your Standby Broker.
ETBE0629	Expect PSTORE=COLD in LOAD mode
Explanation	The Load Broker (RUN-MODE=PSTORE-LOAD) must use PSTORE=COLD in order to create a new persistent store.
Action	Define PSTORE=COLD for your Load Broker.
ETBE0630	Expect PSTORE=HOT in UNLOAD mode
Explanation	The Unload Broker must use PSTORE=HOT in order to migrate a persistent store.
Action	Define PSTORE=HOT for your Unload Broker.

ETBE0631	No assignment for PSTORE report
Explanation	The PSTORE report was requested but there is no assignment to write the actual report data.
Action	The PSTORE report was requested but there is no assignment to write the actual report data.
ETBE0632	Failed to open accounting file:
Explanation	The accounting output file could not be opened. Additional error information will describe the problem. Accounting will be disabled.
Action	Consult the additional error text and take appropriate action or contact Software AG support.
ETBE0633	Failed to write accounting record:
Explanation	A accounting record could not be written. Additional error information will describe the problem. Accounting will be disabled.
Action	Consult the additional error text and take appropriate action or contact Software AG support.
ETBE0638	Failed to open PSTORE report file
Explanation	The PSTORE report was requested but the file could not be opened due to a system error.
Action	Fix the error condition reported by the operating system.
ETBE0642	Invalid transport configuration detected
Explanation	No configured transport mechanism successfully initialized. The broker kernel will terminate.
Action	Consult additional error messages and take appropriate action.
ETBE0644	Memory format inconsistency detected
Explanation	An internal memory consistency check failed.
Action	Contact Software AG support.

ETBE0651	Create semaphore failed
Explanation	Unable to create semaphore.
Action	Contact your System Administrator.
ETBE0654	Unresolved function pointer
Explanation	The broker dispatcher has failed to start a thread due to a missing address constant.
Action	Contact Software AG support.
ETBE0655	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.
ETBE0656	Dynamic pool management not enabled
Explanation	Existing memory pool is full. Dynamic pool management is not enabled.
Action	Request is rejected due to insufficient resources.
ETBE0659	No assignment for STORAGE Report
Explanation	Attribute STORAGE - REPORT=YES was defined but no report file was assigned.
Action	Assign storage report file. Refer to Storage Report for details.
ETBE0660	Failed to open STORAGE Report file:
Explanation	Unable to open the storage report file. Check system error for details.
Action	Fix system error and rerun.
ETBE0661	Key entirex.license.file not found
Explanation	Configuration file entirex.config does not contain the requested key that specifies the location of the license file.
Action	Contact Software AG support.

ETBE0664	Failed to open LICENSE Report file:
Explanation	On BS2000/OSD and z/OS, the license is printed during broker startup. However, the broker was unable to open the license report output file.
Action	This error is accompanied with additional error text describing the problem. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
ETBE0666	Failed to load License Check routine
Explanation	On BS2000/OSD and z/OS, the license check module is loaded dynamically. However, the broker was unable to load the license check module.
Action	On BS2000/OSD, the LINK-NAME MLCLIB was not assigned to the MLC load library. On z/OS, the MLC load library is not concatenated to the STEPLIB chain.
ETBE0671	Requested allocation exceeds MAX-MEMORY
Explanation	The allocation of this pool will exceed MAX-MEMORY and is rejected.
Action	Increase MAX-MEMORY or no action if maximum value was defined correctly. See Broker-specific attribute MAX-MEMORY.
ETBE0674	Invalid memory pool address detected
Explanation	An inconsistency of memory pool control data was detected.
Action	Contact Software AG support.
ETBE0675	Unexpected status in buffer header
Explanation	An inconsistency of memory pool control data was detected.
Action	Contact Software AG support.
ETBE0676	Invalid slot count in buffer header
Explanation	An inconsistency of memory pool control data was detected.
Action	Contact Software AG support.
ETBE0679	c-tree Plus User Error:
Explanation	An error occurred while performing a persistent store operation.
Action	Depends on the subsequent messages.

ETBE0681	c-tree database already in use
Explanation	This error may occur during Broker startup. c-tree detected PSTORE files still being used by a previous Broker instance. These files are being closed during Broker shutdown. However, this problem most likely occurs if the old instance of the Broker did not yet stop completely and the new instance already tried to initialize the PSTORE.
Action	Wait for the previous Broker instance to shut down completely, then start the new Broker instance.
ETBE0682	PSI: Cannot read Attributes
Explanation	The broker cannot start because the PSTORE attribute parser has discovered an error in the attribute file.
Action	Correct the broker attribute file.
ETBE0690	Unable to send broadcast message
Explanation	On UNIX and Windows, the broker failed to contact ETBSRV.
Action	Check the log of ETBSRV running on this machine.
ETBE0725	CONTROL-INTERVAL elapsed - stop Broker
Explanation	The PSTORE migration delayed due to an unexpected error. The procedure will be stopped.
Action	Check error messages reported in the broker log and fix the problem, then restart the migration procedure, by restarting both Brokers.
ETBE0728	PSTORE load failed
Explanation	The PSTORE migration failed due to an error.
Action	Check error messages reported in the broker log and fix the problem, then restart the migration procedure, by restarting both Brokers.
ETBE0737	PSTORE inconsistency detected
Explanation	There was an inconsistency detected while migrating the PSTORE.
Action	Check error messages reported in the broker log and fix the problem, then restart the migration procedure, by restarting both Brokers.

ETBE0738	PSTORE currently in use
Explanation	The original Standard Broker was started again but the Standby Broker performed the takeover and is now the new Standard Broker.
Action	You cannot start the original Standard Broker while Standby Broker is running as the new Standard Broker. The original Standard Broker could be started as the new Standby Broker.
ETBE0748	Unrecoverable error during takeover
Explanation	An unrecoverable error occurred while taking over the persistent store. The Standby Broker stops.
Action	Check error messages reported in the broker log and fix the problem.
ETBE0751	Takeover sequence failed
Explanation	A recoverable error occurred while taking over the persistent store. The Standby Broker will perform another attempt after <code>CONTROL-INTERVAL</code> time.
Action	None.
ETBE0752	Max num takeover attempts reached
Explanation	<code>MAX-TAKEOVER-ATTEMPTS</code> has been reached by the Standby Broker without being able to take over the persistent store. The Standby Broker stops.
Action	Contact Software AG support.
ETBE0755	Request to Partner Broker failed
Explanation	Broker was unable to contact the partner Broker.
Action	Check error messages reported in the broker log and fix the problem.
ETBE0756	Partner Broker is dead
Explanation	The Standard Broker did not respond to Standby Broker's ping. The Standby Broker will initiate the takeover phase.
Action	Check error messages reported in the log of the original Standard Broker and fix the problem.

ETBE0759	Transport error occurred
Explanation	Broker detected a transport error while trying to communicate with the partner Broker.
Action	Check error messages reported in both broker logs and fix the problem.
ETBE0760	PARTNER-CLUSTER-ADDRESS mismatch
Explanation	The PARTNER-CLUSTER-ADDRESS defined in the Standard Broker does not match any of the TCP or SSL transport entries defined in the Standby Broker.
Action	Either adjust PARTNER-CLUSTER-ADDRESS in Standard Broker or start Standby Broker with a matching transport entry.
ETBE0761	PARTNER-CLUSTER-ADDRESS missing
Explanation	There is no PARTNER-CLUSTER-ADDRESS definition in the Standard Broker.
Action	Define PARTNER-CLUSTER-ADDRESS in the Standard Broker to allow running a Standby Broker.
ETBE0762	PSTORE-TYPE mismatch
Explanation	The persistent store defined in Standard Broker and Standby Broker must be exactly the same.
Action	Adjust the attributes for PSTORE-TYPE and the PSTORE-specific sections in each broker attribute file so both Broker instances match.
ETBE0763	PSTORE-TYPE missing
Explanation	There is no PSTORE defined in the partner Broker instance.
Action	Run the partner Broker with matching persistent store attributes.
ETBE0764	Same PSTORE for UNLOAD and LOAD
Explanation	The persistent stores defined in Load Broker and Unload Broker must be different.
Action	Adjust the attributes for PSTORE-TYPE and the PSTORE-specific sections for both Broker instances. Make sure the Load Broker is assigned to a new persistent store, and your Unload Broker is assigned to the persistent store you wish to unload.
ETBE0780	BROKER ABEND CODE :1: PSW :2:
Explanation	The broker detected an abend condition. This message is sent to the operator console and is accompanied by additional messages reporting general purpose register values.
Action	Collect all output files and contact Software AG support.

ETBE0799	Invalid internal command ignored
Explanation	An internal command was received with an unknown command code. This invalid command was ignored.
Action	Contact Software AG support.
ETBE0800	Broker internal RPC Server: Load failed
Explanation	A shared library could not be loaded. EntireX Broker detected an error while loading an RPC Command and Information Services shared library.
Action	Contact Software AG support.
ETBE0802	Broker internal RPC Server: Load failed
Explanation	A shared library could not be loaded. EntireX Broker detected an internal error while loading a Broker-internal RPC shared library.
Action	Contact Software AG support.
ETBE0803	WORKER-MIN greater or equal WORKER-MAX
Explanation	The value of global attribute WORKER-MIN is greater than or equal to the value of global attribute WORKER-MAX.
Action	Correct the attributes.
ETBE0814	Transport RETRY-LIMIT exceeded
Explanation	It was not possible to establish a new connection (or reestablish an existing connection after an interruption) for transport method TCP, SSL or NET. The connection was attempted as often as specified under RETRY-LIMIT (with a wait between attempts as specified under RETRY-TIME), but without success.
Action	Check for the correct settings and availability of the appropriate transport.
ETBE0850	SDF variable MAIN-TASK-TSN could not be read: :1:
Explanation	An error occurred while reading the SDF variable MAIN-TASK-TSN. :1; provides further details.
Action	This error is accompanied by an additional error text describing the problem. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.

ETBE0851

Unable to initialize subtask

Explanation

The subtask was unable to attach to the global shared memory.

Action

This error is accompanied by an additional error text describing the problem. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.

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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

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 <i>vrsnn</i> 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 <code>CONVERSION</code> 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 <code>ECSOBJDIR</code> 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 <code>DDEC SOJ DD</code> 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	<code>TRANSPORT=NET</code> has been specified in the Broker attribute file, and the Entire Net-Work component <code>XTI.DLL</code> 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.

64 Message Class ETBW - Broker Log and Console - Unit of Work/Persistence Messages

This page explains unit of work and persistence messages from the EntireX Broker Log and Console. These messages have the format:

ETBWnnnn

where ETBW is the message class, and

nnnn is the message number in the range 0000-9999

ETBW0138	PSI: Maximum Extents used for Cell Pool
Explanation	The Broker detected that the persistent store has no more cells available for cell pool xxxxxxxx (see diagnostic message ETBD0286 next to additional info for the name of the cell pool) and the maximum number of extents have been reached.
Action	Review the persistent store startup parameters and increase the initial allocation value for the exhausted cell pool. For the new value to take effect, you must cold start the persistent store and restart the Broker.
ETBW0145	PSI: Attempt to expand beyond Dataspace Boundary
Explanation	The Broker attempted to expand the persistent store beyond the dataspace boundary.
Action	Review the persistent store startup parameter for dataspace pages and increase accordingly to an appropriate value. Restart the Broker. Use the System Management Hub to monitor usage in the persistent store.

ETBW0313	Broker RESTART failed
Explanation	During broker startup, an error has been detected during the restart processing phase.
Action	Examine the EntireX Broker log. Determine the cause of the error. Correct the error and restart the Broker. If the cause cannot be determined, contact Software AG support.
ETBW0314	API: UOW status invalid
Explanation	The unit of work status code is not a recognized value.
Action	This is probably an internal EntireX Broker error. Contact Software AG support.
ETBW0317	PSI: Persistent Store termination failed
Explanation	An attempt to shut down the persistent store failed.
Action	None.
ETBW0318	PSI: Function input parms invalid
Explanation	The requested persistent store function is not supported by the PSTORE handler. The request is ignored.
Action	Contact Software AG support.
ETBW0330	PSI: Restart-Temp Msg File Open Failed
Explanation	This is an internal error.
Action	Contact Software AG support.
ETBW0331	PSI: Restart-Temp Msg IDX Open Failed
Explanation	This is an internal error.
Action	Contact Software AG support.
ETBW0332	PSI: Restart-Msg Index Length Zero
Explanation	This is an internal error.
Action	Contact Software AG support.
ETBW0333	PSI: Restart-Msg File Read Failure
Explanation	This is an internal error.
Action	Contact Software AG support.

ETBW0334	PSI: Restart-Temp Msg File Write Failure
Explanation	This is an internal error.
Action	Contact Software AG support.
ETBW0349	Publish and Subscribe is not licensed
Explanation	Make sure that your license file contains entries that allow you to use the Publish and Subscribe feature.
Action	Contact Software AG support.
ETBW0354	EntireX License Key Error
Explanation	Your EntireX License has expired.
Action	Please contact your local Software AG office or distributor to extend your license.
ETBW0426	Start of ETB_SHUTDOWN thread failed
Explanation	UNIX/Windows only. The "etbnuc" process encountered an error while creating shutdown thread. Broker could not be initialized.
Action	Contact Software AG support.
ETBW0429	Missing or invalid XTI library
Explanation	One of the components of Entire Net-Work communicator is missing.
Action	Contact Software AG support.
ETBW0506	** Communicator not available anymore **
Explanation	The Communication Manager of the transport layer stops due to unrecoverable errors, exceeded retry limit or shutdown.
Action	Check the log file for error messages. Ignore this warning if shutdown was requested.
ETBW0517	Terminate Restart Handling
Explanation	The Communication Manager did not succeed to run the transport-specific Communicator. All attempts to restart the Communicator were not successful.
Action	Check the log file for error messages.

ETBW0521	Unexpected Communicator Nucleus Status
Explanation	A component of the transport layer detected an unexpected status and will stop immediately.
Action	Check the log file for error messages or shutdown.
ETBW0526	Broker kernel not running with Security
Explanation	An operator command was issued that interacts with Broker's security component. However, security was not activated for this Broker.
Action	Do not issue security relevant operator commands without activating security.
ETBW0535	PSTORE is not licensed
Explanation	Make sure that your license file contains entries that allow you to use the persistent store for the Publish/Subscribe feature.
Action	Contact Software AG support.
ETBW0536	SUBSCRIBER-STORE is disabled
Explanation	The subscriber store is configured to use the primary store, and the primary store is not licensed.
Action	Contact Software AG support.
ETBW0537	Ambiguous: CONVERSION and TRANS
Explanation	Broker detected that attributes of the indicated service (or topic) specify both TRANSLATION and CONVERSION parameters. Broker ignores the TRANSLATION parameter and continues with initialization.
Action	If you still want the service (or topic) to use TRANSLATION only, edit the Broker attribute file and delete the line containing CONVERSION= for this service (or topic) in DEFAULTS=SERVICE or DEFAULTS=TOPIC.
ETBW0545	EntireX License Status License expiration date is yyyy/mm/dd . License will expire in nn days - or - License expired on yyyy/mm/dd
Explanation	Indicates the expiration date of your EntireX license. If the expiration date is less than 30 days in the future but greater than 0, you are reminded to contact Software AG. If the license has expired, you will not be able to restart.
Action	Please contact your local Software AG office or distributor to extend your license.

ETBW0595	PSILIB: PSTORE-TYPE=FILE is unsupported
Explanation	PSTORE-TYPE=FILE is no longer supported.
Action	Migrate the data of the persistent store of type file to a different persistent store type. See <i>Migrating the Persistent Store</i> in the general administration documentation.
ETBW0607	Command logging switched off
Explanation	Command logging was requested. However, it is not possible to switch on command logging due to configuration errors.
Action	Fix the problem and switch on command logging.
ETBW0616	CPU limit reached
Explanation	The CPU time of the task is exceeded. Broker received the interrupt from the operating system and will go down.
Action	Specify a TIME=1440 parameter for the JCL EXEC statement of the Broker to run Broker without CPU limit.
ETBW0618	Transport not active
Explanation	The transport-specific operator command cannot be executed. The transport is currently not active.
Action	Issue the operator command when the transport is active.
ETBW0640	EntireX License Key Warning
Explanation	A warning occurred while processing the EntireX License file. Additional error test will provide more information.
Action	Consult the additional error text and take appropriate action.
ETBW0663	No assignment for LICENSE Report
Explanation	Under z/OS and BS2000/OSD, the license is printed during startup. However, the assignment for the license report output file is missing.
Action	Assign the license report output file.
ETBW0684	Cannot make Broker non-swappable
Explanation	Broker not APF-authorized.
Action	Ensure that all load libraries in the Broker kernel steplib are APF-authorized.

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EntireX Broker Security Server for BS2000/OSD

These messages are returned by the EntireX Broker Security Server for BS2000/OSD and have the format `SEC $xnnnn$`

where SEC indicates a security message

x indicates the type of message

I information

E error; function cannot be performed

T trace message

nnn is the message number

SECI0001 **Broker Security Server V n.n.n started**

Explanation Broker Security Server start up message.

Action None.

SECI0002 **Broker Security Server V n.n.n terminated normally**

Explanation Broker Security Server termination message.

Action None.

SECI0003 **Broker Security Server V n.n.n terminated with errors**

Explanation Broker Security Server termination message. This message always appears together with a SECE nnn message.

Action None.

SECI0004	Running with FORCE = YES, the security CMP will be newly initialized
Explanation	If the Broker Security Server was started with FORCE= 'YES ' and the security common memory pool was newly initialised the above message is issued.
Action	None.
SECE0001	Unexpected return code from DISMP
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.
SECE0002	Unexpected return code from SOLSIG
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.
SECE0003	Unexpected return code from ENAEI
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.
SECE0004	Unexpected return code from DISEI
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.
SECE0005	Unexpected return code from ENAMP
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.
SECE0006	Unexpected return code from ENAMP
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.
SECE0007	Unexpected return code from REQMP
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.

SECE0008	Unexpected return code from CLEANUP
Explanation	Server will terminate with dump and a SECT0008 Return Code: rc is issued.
Action	Contact Software AG support.
SECE0009	Unexpected end of security CMP detected
Explanation	An internal error occurred. The server will terminate with dump and a SECI0003 message is issued.
Action	Contact Software AG support.
SECE0010	Broker Security Server already active
Explanation	The Broker Security Server found an active security common memory pool in the system. The startup process is suppressed.
Action	If there is no other server active in the system, the FORCE parameter may be used to newly initialize the security common memory pool.
SECT0001	Authentication successful
Explanation	This message follows a SECT0013 USERID user ID message.
Action	None.
SECT0002	Authentication failed, password mismatch
Explanation	The user ID is known, the supplied password does not match. This message follows a SECT0013 USERID user ID message.
Action	None.
SECT0003	Authentication failed, password mismatch
Explanation	The user ID is known, no password exists but there was one supplied. This message follows a SECT0013 USERID user ID message.
Action	None.
SECT0004	Authentication failed, user unknown or server not authorized
Explanation	Either the user ID is unknown or the Broker Security Server has no privileges to access the user catalog, e.g. it does not run under a privileged user ID (TSOS). This message follows a SECT0013 USERID user ID message.
Action	None.

SECT0005	Authentication failed, error from encryption
Explanation	The password could not be encrypted. This message follows a SECT0013 USERID user ID message.
Action	None.
SECT0006	Authentication failed, unsupported crypt algorithm
Explanation	The operating system returned an unexpected encryption mode.
Action	None.
SECT0007	Security CMP established successfully
Explanation	The Security Server common memory pool was established and initialized successfully.
Action	None.
SECT0008	Return Code: rc
Explanation	This message always occurs together with a SECEnnn message where rc contains the return code from the corresponding BS2000/OSD macro or Security Server function, respectively.
Action	None.
SECT0009	Security CMP disabled successfully
Explanation	The Security Server common memory pool was disabled and deleted.
Action	None.
SECT0010	Security CMP disabled successfully, CMP kept
Explanation	The Security Server common memory pool was disabled but could be not deleted due to other BS2000/OSD tasks holding the pool.
Action	None.
SECT0011	Authentication failed, reason is unknown
Explanation	The user authentication failed and the Security Server could not determine a reason for that.
Action	None.

SECT0012	Security CMP cleanup done
Explanation	The Security Server cleaned its request queue from not posted authentication requests.
Action	None.
SECT0013	USERID: userID
Explanation	This message occurs together with one of the following messages SECT0001, SECT0002, SECT0003, SECT0004, SECT0005, SECT0006, where userID is the user for which the authentication was done.
Action	None.
SECT0014	ENAMP done
Explanation	The Security Server common memory pool was enabled successfully. This message follows a SECT0008 Return Code: rc message.
Action	None.

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EntireX SAGTOKEN Messages

EntireX Broker includes a C stub that supports both the TCP/IP and ADALNK transports and can be used with non-Natural applications in TSO or Batch mode. The SAGTOKEN module that is included allows you to set, delete, or display (locally or globally) variables that are used to:

- Set the stublog number, which is used to control tracing.
- Specify which transport is preferred: TCP-NET means use TCP/IP if possible. NET-TCP means use Entire Net-Work if possible.

The messages described in this section are generated by the SAGTOKEN module and displayed at the operator console.

SAGTOK01	Token xxxxxxxxxxxx set to nnnnnnnnnnnnnnnn
Explanation	The identified token has been set to the value shown.
Action	This message is informational only.
SAGTOK02	Token Services Error xxxxxxxx Returned
Explanation	The identified IBM Token Services error has been returned..
Action	See the appropriate IBM documentation.
SAGTOK03	Invalid Command to Token Services
Explanation	An invalid SAGTOKEN command has been received.
Action	Check the command syntax and correct the error.

SAGTOK04	Token Keyword Exceeds Maximum Length of 12
Explanation	SAGTOKEN keywords can be no longer that 12 characters.
Action	Check the keyword specification and correct the error.
SAGTOK05	Not Properly Authorized for Token Services
Explanation	SAGTOKEN is not being executed from an authorized library.
Action	Verify that all libraries in the STEPLIB concatenation are properly authorized.
SAGTOK06	Command Exceeds Maximum Length of 80 Characters
Explanation	Command can be no longer that 80 characters.
Action	Shorten the command to 80 or less characters and re-run the SAGTOKEN program.
SAGTOK07	Invalid Delimiter between operand 2 and 3
Explanation	The delimiter between the second operand and the third operand was not a comma.
Action	Change the command to use a comma as the delimiter after the second operand and re-run the SAGTOKEN program.

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Message Class XCO - X-COM Console Messages

This page explains the Console Messages, which have the format

XCOnnnns

where XCO is the error code

nnnn is the message number, and

s indicates the severity of the error:

E: error; function cannot be performed

I: information

W: warning; potential problem exists

XCO0003E ERROR DURING READ OF STARTUP PARMS.

Explanation Error occurred while attempting to open the file designated by the PARMS DD.

Action Correct and verify that the PARMS DD is pointing to the file containing the startup parameters. Restart Broker.

XCO0005E LOAD FOR MODULE :1: FAILED - ABEND.

Explanation The loading of module :1: failed.

Action Check and verify whether the module :1: is in the library concatenation. If not, add the appropriate library containing the module :1:. Restart Broker.

XCO0007E	WRONG X-COM PARAMETER :1:.
Explanation	The X-COM parameter :1: is incorrect or not specified.
Action	Add or correct the value for the parameter :1:. Restart Broker.
XCO0008E	ADAMPM - WRONG VERSION FOUND.
Explanation	The verification of ADAMPM failed.
Action	Ensure that the correct version of ADAMPM is contained in the library concatenation. Restart Broker.
XCO0009I	X-COM node is initialized.
Explanation	X-COM has initialized the target and is ready for work.
Action	No action required.
XCO0010W	Wrong ECB found.
Explanation	The type of returned event indicator is not valid and will be ignored. X-COM nucleus continues to wait for requests.
Action	Contact Software AG support.
XCO0011E	X-COM data error.
Explanation	The routine to check X-COM data has detected an inconsistency. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO0012E	USER RET (R15) error.
Explanation	One of the routines called by X-COM nucleus has returned an error. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO0013E	Delete ECB error.
Explanation	An ECB cannot be removed from the wait list. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.

XCO0014E	No ANSWER entry point.
Explanation	The entry point for the reply handler could not be found. X-COM nucleus cannot process any user replies and terminates abnormally.
Action	Contact Software AG support.
XCO0015E	APPL ECB throw away.
Explanation	The X-COM nucleus was posted to send the reply to the user but could find the related X-COM data. X-COM nucleus ignores the post and continues to wait for requests.
Action	No action required.
XCO0016I	Operator typed in: :1:
Explanation	Message confirming operator input.
Action	No action required.
XCO0019E	X-COM parm list wrong.
Explanation	The request or reply handler has returned inconsistent data. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO0020I	X-COM stopped
Explanation	X-COM nucleus is calling the termination handler for shutdown
Action	No action required
XCO0021W	This X-COM is no longer active
Explanation	X-COM nucleus has successfully executed the termination handler
Action	No action required
XCO0022I	X-COM cancel will proceed
Explanation	The operator command XCANCEL to cancel Entire System Server was entered
Action	No action required

XCO0023I	X-COM halted
Explanation	The operator command XHALT was entered. This means that no more calls are possible, but the Entire System Server task is still available and can be restarted with the XSTART command
Action	No action required
XCO0024I	X-COM started
Explanation	The operator command XSTART was entered. This means that calls are now processed again
Action	No action required
XCO0025I	X-COM end will proceed
Explanation	The operator command XEND to end Entire System Server was entered
Action	No action required
XCO0026E	APPL stop error
Explanation	The shutdown handler has returned an error
Action	Contact Software AG support.
XCO0027E	Timer error
Explanation	Setup of timer services has failed. X-COM nucleus terminates abnormally
Action	Contact Software AG support.
XCO0028I	Number of active users = :1:
Explanation	Output of command XUSER reporting the current number of user requests
Action	No action required
XCO0029I	Highest number of active users = :1:
Explanation	Output of command XUSER reporting the highest number of user requests
Action	No action required

XCO0030I	Number of active CQE-S = :1:.
Explanation	Output of command XCQES reporting the current number of user requests.
Action	No action required.
XCO0031I	Highest number of active CQE-S = :1:.
Explanation	Output of command XCQES reporting the highest number of user requests.
Action	No action required.
XCO0032I	Parameters for this session:.
Explanation	Output of command XPARAM.
Action	No action required.
XCO0033I	SVC number = :1:.
Explanation	Output of command XPARAM reporting the used SVC number on z/OS or z/VSE.
Action	No action required.
XCO0034I	Node number = :1:.
Explanation	Output of command XPARAM reporting the ESY node number.
Action	No action required.
XCO0035I	CQE number = :1:.
Explanation	Output of command XPARAM reporting the startup parameter NCQE.
Action	No action required.
XCO0036I	NAB number = :1:.
Explanation	Output of command XPARAM reporting the startup parameter NABS.
Action	No action required.
XCO0037I	User-application = :1:.
Explanation	Output of command XPARAM reporting the name of MAIN function.
Action	No action required.

XCO0039I	Total number of commands = :1:.
Explanation	Output of command XSTAT reporting the accumulated number of received user requests.
Action	No action required.
XCO0041E	Invalid operator command.
Explanation	An invalid operator command was entered.
Action	Correct it.
XCO0043E	Error during request of memory.
Explanation	Not enough memory available. X-COM nucleus terminates abnormally.
Action	Please check your environment for available memory.
XCO0044E	Error during release of memory.
Explanation	Error in FREEMAIN/FREEVIS/RELM.
Action	Contact Software AG support.
XCO0045E	OPER command init error.
Explanation	Adabas operator command interface could not be established. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO0046E	Add CQHAECB error.
Explanation	Adabas could not add the command queue to the ECB wait list. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO0047E	Add user ECB error.
Explanation	Adabas could not add the user ECB to the ECB wait list. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.

XCO0048E	WAIT error.
Explanation	The central wait routine has returned an unrecoverable error. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO0050E	MPM20-error.
Explanation	The Terminate-Target call was unsuccessful. Shutdown will continue.
Action	Contact Software AG support.
XCO0051W	MPM08-error, user gone.
Explanation	The Get-User-Buffer call was unsuccessful. The user is probably not active any longer. Entire System Server purged this request from the queue.
Action	No action required.
XCO0052W	MPM12-error, user gone.
Explanation	The Post-User call was unsuccessful. The user is probably not active anymore. Entire System Server has purged this reply from the queue.
Action	No action required.
XCO0053W	MPM36-OK, user gone.
Explanation	The timeout call (TIME elapsed) for a user was successful. The user is probably not active anymore. Entire System Server has purged this reply from the queue.
Action	No action required.
XCO0054W	MPM36-error, user not gone.
Explanation	The timeout call (TIME elapsed) for a user was unsuccessful. Entire System Server has tried to purge the user, but the user fetched data back at the last moment.
Action	No action required.
XCO0055I	Node currently :1:.
Explanation	Output of command XSTAT. Possible value for :1: are ACTIVE (normal state) or HALTED (node is halted due to operator command XHALT).
Action	No action required.

XCO0057I	OPERATOR ENTRY :1:.
Explanation	Display operator entry status: active or inactive.
Action	No action required.
XCO0061W	CANNOT LOCATE SUBSYSTEM MODULE :1:.
Explanation	The loading of module :1: failed.
Action	Check and verify whether the module :1: is in the library concatenation. If not, add the appropriate library containing the module :1:. Restart Broker.
XCO0062W	Request for active user found, delete old user.
Explanation	There is already an active request for the user requesting a new call. The old session is queued for logoff and the new request has been assigned to a new session. The X-COM nucleus has removed the old resources used on the transport level.
Action	No action required.
XCO0063E	BAD PARM CARD: :1:.
Explanation	The parameter line :1: being currently processed is invalid.
Action	Correct the parameter line :1:. Restart Broker.
XCO0077I	Attached buffers above 16M line.
Explanation	Adabas Attached Buffers are allocated above the 16 MBytes line.
Action	No action required.
XCO0078E	No space for new user X-COM block.
Explanation	The number of free user X-COM blocks has been exceeded. This number depends on the NCQE parameter. Usually a command queue overflow will occur if the number of parallel user requests is exceeded. X-COM nucleus terminates abnormally due to data inconsistencies.
Action	Contact Software AG support.
XCO0080E	MPM24-error, environment not established.
Explanation	The Establish-Adabas-Environment call has failed. The Entire System Server terminates abnormally.
Action	Contact Software AG support.

XCO0081E	MPM00-error, target not initialized.
Explanation	The Initialize-Adabas-Target call has failed. The Entire System Server terminates abnormally.
Action	Contact Software AG support.
XCO0082I	:1:.
Explanation	TRACE data output.
Action	No action required.
XCO0083W	Duplicate WAIT ECB. User cleaned up.
Explanation	After successful return from request handler: The user was already waiting. The new request is accepted and the old command queue entry is purged. The old ECB is reused for the new request.
Action	No action required.
XCO0084W	Multiple active requests. Delete old.
Explanation	After successful return from reply handler: The command queue element of the user is not unique. Another element has been found with the same cross memory post information (z/OS only). The old request has been purged and the reply for the new request has been initiated. This occurs only if a task has been cancelled and immediately restarted and if the same ASCB has been reused.
Action	No action required.
XCO0085W	Reply handling cancelled. Illegal ECB.
Explanation	After successful return from reply handler: the reply cannot be delivered. The command queue element of the user is not unique. Another element has been found with the same cross-memory post information (z/OS only). The reply currently processed is obsolete and has been purged. This occurs only if a task has been cancelled and immediately restarted and if the same ASCB has been reused.
Action	No action required.
XCO0086I	APPL ECB: :1:.
Explanation	This message informs about the address of an Event Control Block. It will be issued only in conjunction with other messages.
Action	No action required.

XCO0087E	MPM12-ERROR, CQE is not active.
Explanation	Attempt to perform MPM12 function, but the command queue element (CQE) is not active.
Action	No action required.
XCO0088I	Dead XCOM block killed.
Explanation	XCOM user has gone away; so skip reply processing.
Action	No action required.
XCO0089E	MPM36 impossible because CQE not active.
Explanation	The MPM36 timeout function is skipped, since the command queue element (CQE) is not active.
Action	No action required.
XCO0091I	SVC NOT SPECIFIED, SO THIS XCOM COMMAND IS NOT ALLOWED.
Explanation	This informational message indicates that the XCOM operator command issued to the Broker is not allowed, since the Adabas SVC number for EntireX Broker access was set to zero in the startup parameters.
Action	No action required.
XCO0095E	NCQE IS LOWER THAN NUM-WQE
Explanation	The number of command queue entries (NCQE) specified is less than the number of work queue entries (NUM-WQE) requested. NCQE defines the number of requests active at one time using the NET transport. NUM-WQE defines the number of requests active at one time for all transports.
Action	Ensure that the value for the number of command queue entries (NCQE) is equal to or greater than the number of work queue entries (NUM-WQE). Restart Broker
XCO2001E	Error during READ of startup parms.
Explanation	Bad file format or I/O error during read of startup parameter file.
Action	Parameter file must be a SAM or an ISAM file with variable or fixed record length.

XCO2002E	More than :1: parameter cards not possible.
Explanation	The maximum number :1: of startup parms is exceeded.
Action	Reduce the number of startup parm cards in your parameter file. Check the default values of the parameters to avoid setting the values explicitly.
XCO2003E	LOAD for module :1: failed - abend.
Explanation	Module :1: could not be found. You need Entire System Server or Adabas libraries with module :1: to start the Entire System Server.
Action	Copy the missing module into your library and start the Entire System Server again. Do not rename modules in the load libraries, e.g. from NAME to NAME.OLD. It could create problems during load.
XCO2004E	X-COM abended.
Explanation	An unrecoverable error has occurred. X-COM terminates abnormally.
Action	Look at the previous error messages of X-COM.
XCO2005E	Wrong X-COM parameter :1:.
Explanation	An invalid value for :1: was specified in startup parameters.
Action	Verify Entire System Server startup parameter :1: and set a proper value.
XCO2006E	ADAMPM - wrong version found.
Explanation	The loaded module ADAMPM has a wrong version.
Action	Check your Adabas library or contact Software AG.
XCO2007E	BS2000/OSD V.2 or above is required.
Explanation	The Entire System Server is compiled for BS2000/OSD Version 2 or above. It cannot run on OSD Version 1 or below.
Action	Upgrade of BS2000/OSD is required.
XCO2008E	MPM12-error, CQE is not active.
Explanation	The Post-User call has been rejected due to bad status of command queue element. The reply cannot be delivered.
Action	No action required.

XCO2009E	MPM36 impossible because CQE not active.
Explanation	The timeout call (TIME elapsed) has been rejected due to bad status of command queue element.
Action	No action required.
XCO2010E	Macro :1: RC :2:.
Explanation	The BS2000/OSD macro :1: has returned an error. :2: contains the return code. X-COM nucleus terminates abnormally.
Action	Contact Software AG support if return code does not explain the problem.
XCO2011E	MAIN MP - Macro :1: RC :2:.
Explanation	The ESY MAIN memory pool creation has been aborted. The BS2000/OSD macro :1: has returned an error. :2: contains the return code. X-COM nucleus terminates abnormally.
Action	Contact Software AG support if return code does not explain the problem.
XCO2012E	STACK FAILURE in function :1:.
Explanation	The internal stack is corrupted. :1: identifies the failed function. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO2013E	Incompatible Adabas version detected.
Explanation	This version of Adabas is no longer supported. An XS-enabled library is required to run with Entire System Server. X-COM nucleus terminates abnormally.
Action	Upgrade of Adabas is required.
XCO2014E	MAIN MP - Requested space exceeded.
Explanation	The allocated memory size is not sufficient to contain all required data structures of Entire System Server. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.
XCO2015E	Unrecoverable error in function :1:.
Explanation	A function called by the X-COM nucleus has returned an error response. :1: identifies the called function. X-COM nucleus terminates abnormally.
Action	Contact Software AG support.

68 Administration Service Messages

Administration Service messages are generated by the Administration Service and are passed to System Management Hub.

Cannot connect to the Administration Service

Explanation

This message can have various causes:

- The Broker Service (etbsrv) has not been started.
- The Administration Service was not started by the Broker Service. (File *etbsrv.log* is missing in the Administration Service or has an out-of-date timestamp.)
- The Administration Service has a problem. (You can find details of the problem in the log file of the Administration Service, *etbsrv.log*.)

Running: unmanaged Broker with restricted access

Explanation

A broker was started manually. Its attribute file is not in a working directory under the EntireX directory *config/etb*. Only limited administration is possible on this broker. It is only possible to stop the broker.

Timeout: Check remote Broker or remote firewall definitions

Explanation

A remote broker is not accessible. The timeout problem occurs, for example, on Windows machines where the port used by the broker has not been opened up in the firewall. If the broker has not been started, the timeout problem does not occur in the case of a port that has been opened up in the firewall. The firewall issues a negative answer to a failed connection attempt.

Alternatively, program *etbnuc* can be defined in the firewall, but then the timeout error occurs if the broker has not been started. The firewall does not send a reply to a failed connection attempt.

ETBD0280 Function Entered

Explanation This message is written to the log data set when tracing is set to a trace level greater than 1. An EntireX Broker internal function module is entered.

Action This message is for diagnostic purposes only.

Running with errors: Check log file

Explanation The broker was able to be started successfully, but not all attributes defined in the attribute file could be activated. For example, not all ports defined in attribute file could be activated when the broker was started. The broker log file contains more detailed information on the problem.

Action Check the log file.

Running: Must set user credentials

Stopped: Must set user credentials

Running: missing credentials, please enter credentials

Running: wrong credentials, please enter credentials

Explanation User credentials for a secure broker or a remote broker are not available or they are invalid.

Action Enter valid user credentials in SMH.

Running: Must set SSL parameters

Stopped: Must set SSL parameters

Explanation The SSL parameters of a remote broker are invalid and must be specified. The input field in SMH contains the default value, which is the certificate from the working directory of the broker.

If the SSL certificate of the remote broker has been exchanged on the remote machine, the corresponding new SSL certificate must also be made available in the local working directory *config/etb/RB.<RemoteBrokerName>*.

Broker not running or invalid SSL parameters

Explanation This is a status message for a remote broker. Either the broker was not started, or its SSL parameters are invalid.

Action Start the broker or specify valid SSL parameters. See also “Running: Must set SSL parameters” or “Stopped: Must set SSL parameters”.

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Broker Command and Information Services Error Codes

- Error Codes for Broker Command Service 510
- Error Codes for Broker Information Services 512

This chapter contains error codes for the Command and Information Services of EntireX Broker.

See also *Broker ACI Fields* in the ACI Programming documentation | *Broker ACI Functions* in the EntireX Broker ACI Programming documentation | *Broker CIS Data Structures* in the ACI Programming documentation.

Error Codes for Broker Command Service

Error Code	Description
0	Successful response.
2	Invalid VERSION.
3	OBJECT-TYPE is missing.
5	Invalid OBJECT-TYPE.
20	The user is not authorized to issue Broker commands.
21	Invalid COMMAND.
22	Invalid OPTION.
23	Shutdown possible for servers only.
24	Participant not found.
25	Purge UOW failed.
26	User specification must be unique.
27	Topic name must be specified.
28	Add subscription failed.
29	Remove subscription failed.
30	User must be specified.
31	Class/Server/Service must be unique.
32	Class and Topic cannot both be specified.
33	Class, Topic or User must be specified.
34	Set command log filter failed.
35	Clear command log filter failed.
36	Enable command log filter failed.
37	Disable command log filter failed.
38	Switch command log files failed.
39	Set security trace level failed.
40	Set PSTORE (PSF) trace level failed.
41	Enable command logging failed.
42	Disable command logging failed.

Error Code	Description
43	Connect PSTORE failed.
44	Disconnect PSTORE failed.
45	Allow new UOW messages failed.
46	Forbid new UOW messages failed.
47	Enable accounting failed.
48	Disable accounting failed.
49	Reset user failed.
50	Command refused in current RUN-MODE.
51	Service must be specified.
52	Service not found.
53	CONVID must be specified.
54	Conversation not found.
55	Cannot inhibit Conversation.
56	Only supported for messages.
57	Cannot lock Conversation.
58	Not for currently running Conversation.
59	Security violation detected.
60	Invalid transport ID.
61	Cannot execute command.
62	Command ignored. Only one Communicator left.
63	Command ignored. Cannot stop all Communicators.
64	Communicator currently not suspended.
65	Communicator currently not stopped.
66	Communicator currently not active.
67	Enable Dynamic Worker Management failed.
68	Disable Dynamic Worker Management failed.

Error Codes for Broker Information Services

Error Code	Description
0	Successful response.
1	Invalid BLOCK-LENGTH.
2	Invalid VERSION.
3	OBJECT-TYPE is missing.
4	Nothing was found for this request.
5	Invalid OBJECT-TYPE.
6	Invalid INFO-LEVEL.
7	BLOCK-LENGTH too short for OBJECT-TYPE.
8	User selection must be unique.
9	Service selection must be unique.
10	Topic name must be specified.

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Component Return Codes in EntireX

This section provides information on codes returned to the operating system by the EntireX Broker job or EntireX RPC Server at shutdown.

01	Return Code
Explanation	During startup, the broker detected a create error when invoking the z/OS Name/Token Services facility. The Broker is immediately shutdown.
Action	Ensure that the z/OS Name/Token services facility is available on the version of the z/OS operating system that is running. Also, examine the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
02	Return Code
Explanation	During broker startup an error has been detected attempting to open the data set referenced by the <code>SYSPRINT DD</code> statement. The attempted output from the echo of the broker startup parameters, the persistent store parameters, and the broker attribute file parameters to the data set referenced by the <code>SYSPRINT DD</code> statement failed.
Action	Examine the <code>SYSPRINT DD</code> statement, the EntireX Broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
03	Return Code
Explanation	During broker startup, at least one error has been detected in the persistent store component.
Action	Examine the output referenced by the <code>SYSPRINT DD</code> statement as well as the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.

04	Return Code
Explanation	During broker startup, at least one error was detected in the broker startup parameters.
Action	Examine the output referenced by the <code>SYSPRINT DD</code> statement as well as the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
05	Return Code
Explanation	During broker startup, the broker persistent store parameters were not specified.
Action	The broker persistent store parameters need to be specified in the input data set referenced by the <code>SYSIN DD</code> statement.
06	Return Code
Explanation	During broker startup, an error has been detected in the broker persistent store parameters.
Action	Examine the output referenced by the <code>SYSPRINT DD</code> statement as well as the broker log data set and the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
07	Return Code
Explanation	During broker startup, the broker detected a create error when invoking the z/OS Name/Token Services facility in the persistent store component. The broker is immediately shutdown.
Action	Ensure that the z/OS Name/Token services facility is available on the version of the z/OS operating system that is running. Also, examine the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
08	Return Code
Explanation	During startup, the broker detected an initialization error. The broker is immediately shutdown.
Action	Examine the broker log data set and the operating system log as well as the output referenced by the <code>SYSPRINT DD</code> statement. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.

09	Return Code
Explanation	During startup, the broker detected a storage error in the persistent store component. The broker is immediately shutdown.
Action	Examine the output referenced by the <code>SYSPRINT DD</code> statement as well as the broker log data set and the operating system log. Increase the region size for the EntireX Broker job. Correct any errors and restart the broker. If the cause cannot be determined, contact Software AG support.
10	Return Code
Explanation	During shutdown, the broker detected a delete error when invoking the z/OS Name/Token Services facility. The broker is immediately shutdown.
Action	Ensure that the z/OS Name/Token services facility is available on the version of the z/OS operating system that is running. Also, examine the operating system log. Correct the error and restart the broker. If the cause cannot be determined, contact Software AG support.
11	Return Code
Explanation	During startup, the broker detected that the load libraries are not all APF-authorized in z/OS.
Action	Ensure that all the data sets referenced by the <code>STEPLIB DD</code> statement have been APF authorized in z/OS. Check the spelling of the data set names for accuracy. Correct any error and restart the broker. If the cause cannot be determined, contact Software AG support.
0	Return Code
Explanation	RPC server was successful.
1	Return Code
Explanation	Windows specific: one of the required shared libraries (.DLL) could not be found.
4	Return Code
Explanation	Minor Trouble - RPC server continues. <ul style="list-style-type: none"> ■ At least 1 worker terminated unsuccessfully because of server (implemented by user and called by RPC server) malfunction. ■ Parameters inconsistent - being repaired.

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Return Code

Explanation

RPC server stopped.

- Not even 1 worker could be started.
- Stopped because EntireX Broker unavailable.
- Problems during shutdown processing.

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Return Code

Explanation

Parameter Trouble - RPC server could not be started.

- Inconsistent parameters specified or not found.
- Usage error.

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Return Code

Explanation

Serious Trouble.

- Problems with underlying operating system.
- Problems with EntireX RPC Runtime.

71 EXXMSG - Command-line Tool for Displaying Error

Messages

- Running the EXXMSG Command-line Utility 518

EXXMSG is a command-line tool that displays the text of an EntireX error message for a supplied error number. It is available on all platforms.

Running the EXXMSG Command-line Utility

Under z/OS, command-line utility EXXMSG is located in library EXB960.LOAD. Under UNIX and Windows, the utility is located in the EntireX *bin* directory.

Command-line Parameters

The only command-line parameter is any 8-digit error code.

Sample Command

```
exxmsg 02150148
```

Sample Output

```
Software AG webMethods EntireX 9.0.0 (473) Linux 3.1.10-1.16-desktop  
(c) Copyright 1997 - 2012 Software AG. All rights reserved.
```

```
02150148      EntireX Broker not active : (or Transport-Specific Error Text)  
Explanation  The requested Broker specified in BROKER-ID is not reachable.  
Action       Check the BROKER-ID. If it is correct, check if ETB_TRANSPORT  
              environment variable is defined and if defined, it should point to  
              the desired transport method. If problem persists, contact your  
              network administrator.
```

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ADAS* (Adabas SVC) System Messages

ADAS00 **SIRMVS ({yyyy - mm - dd}, SM={level}, ZAP={zap-number})**

Explanation ADASIR has executed.

<i>yyyy-mm-dd</i>	the ADASIR assembly date
<i>level</i>	the maintenance (SM) level
<i>zap-number</i>	the highest zap number applied

ADAS01 **{subsysname} enter number of Adabas V{v} ID table entries (1-{nn})**

Explanation ADASIR found an invalid ID table entry.

Action Enter the decimal ID table value. ADASIR operation continues.

ADAS03 **{subsysname} Adabas V{v} ID table for SVC {svc} initialized**

Explanation ADASIR has installed the Adabas SVC and acquired the necessary storage successfully.

ADAS04 **{subsysname} Adabas V{v} ID table initialization error**

Explanation ADASIR detected one of the following possible errors:

- IDT GETMAIN failure
- a nonzero return code from ADASVC on the 56 call
- ADASIR did not set the SSCTSUSE
- the operator terminated ADASIR
- ADASIR detected a non-VS1 environment

Action ADASIR terminates, freeing any resources acquired.

ADAS05 **{subsysname} Adabas V{v} ID table parameter(s) error**
Explanation ADASIR found an invalid input parameter. The message may be followed by messages requesting reentry of the input parameters.
Action Enter the correct parameter or parameters and rerun ADASIR or enter "no" to end ADASIR operation.

ADAS06 **{subsysname} Enter Adabas V{v} ID table subpool (228 or 241) or "NO" to abort ID table initialization**
Explanation This message occurs after error ADAS05 and requests that you verify the Adabas Vv ID table subpool where v is the version of Adabas.
Action Enter either "228" (subpool 228 / fixed CSA), "241" (subpool 241 / pageable CSA) or enter "no" to end ADASIR operation.

ADAS07 **{subsysname} Enter number of Adabas V{v} ID table entries or "NO" to abort ID table initialization**
Explanation This message occurs after error ADAS05 and requests that you verify the number of IDT entries.
Action Enter a value ranging one to four digits representing the IDT entry count or enter "no" to end ADASIR operation.

ADAS08 **{subsysname} Enter Adabas V{v} SVC number (200-255) or "NO" to abort ID table initialization**
Explanation This message occurs after error ADAS05 and requests that you verify the SVC number for the version of Adabas specified.
Action Enter a three-digit SVC value ranging 200-255 or enter "no" to end ADASIR operation.

ADAS09 **{subsysname} Adabas V{v} SVC {svc} table entry at {svc-addr} invalid is {bad-entry bad-entry} should be {good-entry good-entry}**
Explanation This and any associated ADASnn messages occur when ADASIR finds an incorrect SVC table entry or when message ADAS14 was answered with "p" (prompt option). The variable values in the message have the following meanings:

<i>v</i>	version of Adabas
<i>svc</i>	SVC number
<i>svc-addr</i>	address of the SVC table entry
<i>bad-entry</i>	current SVC table entry value in error
<i>good-entry</i>	desired SVC table entry value

Action ADASIR follows this message with message ADAS10 asking if the SVC entry in error should be changed to the desired value.

ADAS10 {subsysname} should SVC table entry be changed ('Y') or should Adabas ID table initialization be aborted ('N')

Explanation This message occurs after message ADAS09 and requests that you confirm a change of the SVC table entry in error to a desired value proposed by ADASIR.

Action Enter "Y" (yes) to update the SVC entry. Entering any other value leaves the SVC entry as it was.

ADAS11 {subsysname} Adabas V{v} ID table for SVC {svc} initialized with {cccc} entries
 IDT:{address} IDTExt:{address} FIIBS:{address} SSCT:{address} SVC:{address}
 VRS:{vrs} DATE:{date}

Explanation SVC with the number *svc* has been installed and the ID table storage for a count of *cccc* entries was successfully allocated. The addresses of the SVC, major CSA data structures, and the release and assembly date for the SVC are also provided in the message.

Action No action is required for this informational message.

ADAS12 {subsysname} Adabas V{v} ID table initialization error {n}

Explanation ADASIR detected error *n*, where *n* is one of the following:

1	The GETMAIN for the ID table was unsuccessful.
2	The Adabas SVC request to initialize the ID table returned a nonzero return code. Probable cause is that the subsystem name in the IEFSSNxx member of SYS1.PARMLIB does not match the contents of ADASVC + x'28'.
3	The Adabas SVC request to initialize the ID table did not set the correct value in the SSCT. Probable cause is an incorrect SVC number.
4	The operator terminated initialization.
7	The SVC table entry for the Adabas SVC does not contain the address of the Adabas SVC.
10	SVCUPDTE macro failure.
11	The GETMAIN for the FIIBS and IDT extension tables was unsuccessful.

Action Correct the error condition and re-IPL (if necessary) or rerun ADASIP.

ADAS13 {subsysname} leave message ADAS11 or ADAS12 (N or Y)

Explanation ADASIR keeps the display of the previous ADAS11 or ADAS12 message on the screen if you specify "Y"; otherwise, the message display is removed and lost.

Action Enter "Y" to keep the message display; otherwise, the message is removed.

ADAS14 **{subsysname} prompt operator to update SVC table entry N or P**
Explanation This message asks whether the operator should be prompted to update the SVC table entry (P) or not (N).
Action Enter "P" to prompt the operator for the SVC table entry; messages ADAS09 and ADAS10 occur when "P" is entered. Enter "N" (no prompt) to let ADASIR select the SVC value; message ADAS15 occurs when "N" is entered.

ADAS15 **{subsysname} SVC {svc} table entry changed without prompting operator**
Explanation SVC *svc* was changed without a prompt being sent to the operator.

ADAS20 **At {address}, {length} bytes {action} {area-description}**
Explanation When ADASIP refreshes an existing Adabas SVC, the common storage area (CSA) associated with the old SVC load module and its associated IDT-related structures is released. If a PLXCB is found, its components are released as well. This message appears for each attempt to release storage:

<i>address</i>	CSA area address, in hexadecimal
<i>length</i>	CSA area length, in hexadecimal
<i>action</i>	One of the following: CSA RELEASED RELEASE FAILED
<i>area-description</i>	One of the following: REPLACED SVC IDTH / IDT / IIBS CLUSTER SEGMENT PLXCB BASE PLXCUSER SEGMENT SMP SEGMENT IDTEES IDTHE IDT Extension

ADAS21 **Replaced SVC CSA not released, {nn} pending resource managers**
Explanation ADASIP is being used to reinstall a copy of the Adabas SVC, replacing an existing instance that was installed in CSA with ADASIP. ADASIP cannot release the CSA storage used by the existing instance because one or more z/OS Resource Manager routines may be pending.
Action ADASIP installs the new SVC instance and does not release the CSA used by the previous instance.

ADAS30	nn SVC work areas released
Explanation	During termination, the server will release work areas that were obtained in the server's address space by the SVC to process user commands. The number of work areas is the high-water mark of the number of simultaneous processes.
Action	Information only, no action required.
ADAS31	Service ABTERM resource manager { ADDRSPC TERM TASK TERM } Service ABTERM resource manager released IDTE
Explanation	A z/OS Resource Manager recovery routine was entered after a server address space abend to release the IDTE.
Action	If the release was successful, it will not be necessary to specify ADARUN FORCE=YES when restarting.
ADAS32	S64 {scope} affinity resource manager {event} S64 object at {address} S64 object user token is {token} S64 {scope} affinity released S64 {scope} affinity released {return-code}/{reason-code}
Explanation	A z/OS Resource Manager recovery routine was entered after an abend to release a local or system affinity to a z/OS shared 64-bit addressable memory object. Any non-zero return code received from z/OS IARV64 is shown.
Action	If the attempt fails, examine the IARV64 return and reason code description in IBM documentation. If the cause is not clear, notify your Software AG support.
ADAS33	Security subsystem denied authorization Security subsystem or APF authorization is required APF authorization is required Security subsystem error SAF/Ret/Rsn SAF {return-code}/{security-subsystem-return-code}/{security-subsystem-reason-code}
Explanation	The nucleus attempted to initialize or access an ADASVC function that required authorization.
Action	Provide the appropriate authorization. If the message indicates a security subsystem error, contact your security administrator or your Software AG technical support representative for assistance.
ADAS34	Invalid pointer SAGVT Invalid pointer to SAGVT at {addr} cleared {hex-storage-bytes-0-15} {hex-storage-bytes-16-31}
Explanation	The Software AG Vector Table (SAGVT) is an internal z/OS CSA structure anchored in a CVT-based field assigned by IBM to Software AG. During SVC installation and initialization, Adabas SVC processing found an entry in Software AG's assigned

anchor slot that did not point to a valid SAGVT. This may be because another vendor's product is using Software AG's assigned slot or the storage was corrupted.

The invalid address and 32-bytes of storage at that address are dumped and included in the message to aid in problem determination. The SAGVT anchor slot is cleared. Expect a subsequent [ADAS35](#) message as a new SAGVT is installed.

This message appears in red on the operator's console and does not scroll off the display.

Action Contact your Software AG technical support representative.

ADAS35 SAGVT {{installed}|{reinstalled}}

Explanation The Software AG Vector Table (SAGVT) is an internal z/OS CSA structure anchored in a CVT-based field assigned by IBM to Software AG. During SVC installation and initialization, Adabas SVC processing did not find a usable SAGVT.

If the IBM-assigned pointer to the SAGVT is zero, a new SAGVT is allocated and installed.

If the IBM-assigned pointer to the SAGVT identifies a SAGVT version older than the one known to the installing ADASVC program, the SAGVT is reinstalled, replacing the older one.

Action No action is required for this informational message.

ADAS36 Service ABTERM resource manager task term cleanup

Explanation A z/OS resource manager recovery routine was entered after a server address space ABEND to POST any incomplete commands and release the IDTE.

Action No action is required for this informational message.

ADAS37 ENFReq {Listen | Delete} event 53 return code {rc}

Explanation A non-zero return code was received from an ENFREQ request to activate or delete a z/OS Event Notification Facility (ENF) exit that detects time zone and leap second changes. The return code (*rc*) is given in the message.

Action Examine the ENFREQ return code description in IBM documentation. If the cause is not clear, notify your Software AG technical support representative.

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Software AG Licensing Messages

The messages in this document may be produced by Software AG mainframe license processing or when using the license utility, LICUTIL.

MLC1001 **CPU-ID {cpuid} is not defined in your product license**

Explanation The CPU ID listed in the message (*cpuid*) is not defined in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.

Action Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG sales representative for assistance.

MLC1002 **LPAR name {lparname} is not defined in your product license**

Explanation The LPAR name listed in the message (*lparname*) is not defined in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.

Action Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG sales representative for assistance.

MLC1003 **Machine capacity {value} higher than MSUs in your product license**

Explanation The machine capacity (*value*) of the machine on which you have attempted to install and run the Software AG mainframe product exceeds the capacity allowed in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.

Action Contact your Software AG sales representative for assistance.

MLC1004	The product license will expire on {timestamp}
Explanation	This warning message provides the date and time (<i>timestamp</i>) when the license will expire for this Software AG mainframe product.
Action	No action is required for this warning message. However, you should contact your Software AG sales representative to obtain an updated license soon.
MLC1005	We assume CPU-ID {cpuid} as your DR or DR testing environment
Explanation	The CPU ID listed in the message (<i>cpuid</i>) is not defined in your product license. Therefore we assume that you are running in a disaster recovery environment.
Action	If you are running in a disaster recovery environment, no action is required for this warning message. If you are not running in a disaster recovery environment, contact your Software AG sales representative to obtain an updated license.
MLC2001	The product license is invalid
Explanation	Your product license is invalid.
Action	Contact your Software AG sales representative for assistance.
MLC2002	The product license key is invalid
Explanation	The license file for the Software AG mainframe product is invalid.
Action	Verify that the license file was transferred correctly to the mainframe host and that it is still in ASCII format. If the problem persists, contact your Software AG sales representative for assistance.
MLC2003	The product license is not for {value}
Explanation	The license file for the Software AG mainframe product is not for the operating system (OS), product code, or product version listed in the message (<i>value</i>).
Action	Use the correct license file. If the problem persists, contact your Software AG sales representative for assistance.
MLC2004	The product license has expired on {timestamp}
Explanation	The product license has expired. The date and time it expired is given in the message (<i>timestamp</i>).
Action	Contact your Software AG sales representative for assistance.

MLC2005	Tag missing in product license: {tagname}
Explanation	The tag with the name listed in the message (<i>tagname</i>) is missing in your product license.
Action	Contact your Software AG sales representative for assistance.
MLC2006	Invalid tag value in product license: {tagname}
Explanation	The value of the tag with the name listed in the message (<i>tagname</i>) is invalid in your product license.
Action	Contact your Software AG sales representative for assistance.
MLC2007	Current CPU-ID not found for product license check
Explanation	The CPU ID of the CPU on which the product license check was run is not found in the license file.
Action	Contact your Software AG sales representative for assistance.
MLC2008	The number of MSU values in the product license is incorrect
Explanation	The machine capacity covered by the product license is incorrect.
Action	Contact your Software AG sales representative for assistance.
MLC2009	ExtendedRights setting {value} not allowed under this system
Explanation	The ExtendedRights setting listed in the message (<i>value</i>) is not supported by your system.
Action	Contact your Software AG sales representative for assistance.
MLC2010	Soft capping is not allowed with ExtendedRights {value}
Explanation	Your product license does not allow soft capping with the ExtendedRights setting listed in the message (<i>value</i>).
Action	Contact your Software AG sales representative for assistance.
MLC9001	License exceeds maximum size of 8000
Explanation	Your license file is too large.
Action	Contact your Software AG sales representative for assistance.

MLC9002	Error opening license file input
Explanation	An error occurred during an attempt to open the license file input.
Action	Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.
MLC9003	Error reading license file input
Explanation	An error occurred during an attempt to read the license file input.
Action	Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.
MLC9004	Error opening license file assembler output
Explanation	An error occurred during an attempt to open the license file assembler output.
Action	Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.
MLC9005	Error writing license file assembler output
Explanation	An error occurred during an attempt to write the license file assembler output.
Action	Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.
MLC9006	License converted to assembler output records written to output file
Explanation	The license file was successfully converted to an assembler source module. Output records were written to the output file.
Action	No action is required for this informational message.
MLC9007	Error loading license module {modulename} {errorcode}
Explanation	The LOADLIC function (z/OS only) tried to load a license module from the load library and received an error (<i>errorcode</i>) from the operating system.
Action	Correct the LICUTIL input, removing duplicate LICUTIL function calls. Check that the license module (<i>modulename</i>) is in the load library, that the correct library is referenced in the JCL, and that the module name is specified correctly in the LOADLIC statement (case sensitive, a blank between LOADLIC and <i>modulename</i>).

MLC9009	DMS Error
Explanation	A DMS error occurred (only in BS2000/OSD environments).
Action	Investigate the cause of the BS2000/OSD DMS error. If you need assistance, contact your Software AG support representative.
MLC9010	LOADLIC can only be issued once, before any DISPLAY, CHECK, MAKE or READ
Explanation	The LOADLIC function (z/OS only) can only be performed once per LICUTIL session. LOADLIC must not be preceded by the DISPLAY, CHECK or READ function. These functions can only locate the license module <i>after</i> the LOADLIC.
Action	Correct the LICUTIL input, removing duplicate LICUTIL function calls. Change the call order so that the LOADLIC precedes any DISPLAY, CHECK or READ.

