

# 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:

1000nnnn

where 1000 is the message class, and

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

## Overview of Messages

10000001	10000002	10000003	10000004	10000005	10000006
10000007	10000008	10000009	10000010	10000011	10000012
10000013	10000014	10000015	10000016	10000017	10000018
10000019	10000020	10000021	10000022	10000024	10000025
10000026	10000027	10000029	10000030	10000031	10000032
10000033	10000034	10000035	10000036	10000037	10000038
10000039	10000040	10000041	10000042	10000043	10000044
10000045	10000046	10000047	10000048	10000049	10000050
10000051	10000052	10000053	10000054	10000055	10000056
10000057					

**10000001            Error**

**Explanation**        System error.

**Action**                Check system log to find out which error occurred.

**10000002            Service not implemented**

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

**Action**                Contact Software AG support.

**10000003            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 `SS_INIT()` 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**        1. Windows: System request `WaitForSingleObject()` or `GetExitCodeThread()` failed.  
                           2. CICS: `EXEC CICS LOAD PROGRAM(MAPNAME)` failed with `NOTAUTH`.

**Action**                1. Restart Windows.  
                           2. Contact your system administrator.

**10000007            Not enough memory**

**Explanation**        A system request returned with `ENOMEM` (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 `ESRCH` (UNIX) or `CreateThread()/GetExitCodeThread()` (Windows) failed.

**Action**                1. If this error is returned for system requests such as `pthread_create()` or `CreateThread()`, it indicates system shortage. Close unnecessary applications.  
                           2. For wait requests such as `pthread_join()` or `GetExitCodeThread()` this indicates that the thread already has terminated.

**10000009        Deadlock detected**

**Explanation**        A system request has been cancelled with `EDEADLK` (EDEADLOCK).

**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. *nnnnnnnn* 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. *nnnnnnnn* 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 *n*:

- 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.

**10000033 Worker task successfully connected to shared memory**

**Explanation** Informational message.

**Action** None.

**10000034 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.

**10000035 Server main task is initializing****Explanation** Informational message.**Action** None.**10000036 Server worker task is initializing****Explanation** Informational message.**Action** None.**10000037 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.**10000038 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. *nnnnnnnn* 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. *nnnnnnnn* 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. *nnnnnnnn* 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. *nnnnnnnn* 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. *nnnnnnnn* 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. *nnnnnnnn* contains the return code from a `SINF` macro.**Action**                                Contact Software AG support.**10000053                      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 to open a file was not successful.

**Action**

This message is accompanied by other messages. The RPC server could not open a required file, (e.g the server-side mapping container, see *Server-side Mapping Files in the RPC Server* in the RPC server documentation for z/OS (CICS, Batch, IMS) | BS2000/OSD | z/VSE (CICS, Batch)). The RPC 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.