

Return Codes and Reason Codes of the Roll Server Requests

This section contains the return codes and reason codes of the roll server requests. Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

The teleprocessing interfaces calling roll server request interpret some reason codes referred by a failed roll server request and issue meaningful error messages. Some reason codes, however, are not interpreted and issued with a more general error message text.

Return Codes:

Decimal	Explanation
0	Normal completion.
4	Wait for disk I/O completion.
8	Wait and resume this call.
12	Error, see reason code.
16	Abnormal end.
20	Recursiveabend.
28	Roll server not active.
32	GETMAIN failed for work area.
36	Request block is write protected.

Reason Codes Returned with Return Code 12:

Hex	Dec	Function Type	Explanation
04	04	ALLOC	The roll file is full, what means there are currently no free roll file slots available. Action: Increase and reformat the roll file. Note: Please read carefully the constraints regarding reformatting the roll file mentioned in the roll server documentation.
08	08	All except STATS	An ABEND was intercepted by the assigned recovery routine and a SNAP dump was issued in the requestors address space. Action: Contact Software AG Support.
0C	12	ALLOC	The roll file number returned by the user exit NATRSUX1 is invalid, what means not in the range 1 through the maximum available roll file number as specified in the roll server startup parameters. Action: Correct the user exit.

Hex	Dec	Function Type	Explanation
10	16	FREE READ WRITE	<p>The roll file number passed by the requestor in the request block is invalid, what means not in the range of 1 to the maximum available roll file number as specified in the roll server startup parameters.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
14	20	FREE READ WRITE	<p>The number of the roll file slot passed by the requestor in the request block is invalid, what means that either the slot number is not in the range from 1 to the maximum available roll file slot or the block number calculated based on the slot number is not a starting block number of any roll file slot.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
18	24	FREE READ WRITE	<p>There is no allocated roll file slot for the user with the identification passed by the requestor in the request block.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
1C	28	READ WRITE	<p>The size of the compressed Natural thread as it is passed by the requestor in the request block is zero.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
20	32	READ WRITE	<p>The size of the compressed Natural thread is greater than the maximum roll file slot.</p> <p>Possible reasons:</p> <p>READ: The request block has been overwritten since the last successfully executed roll server function.</p> <p>WRITE: The compressed Natural thread does not fit into a roll file slot.</p> <p>Action: Reformat the roll file with a bigger slot size (please read carefully the constraints regarding reformatting the roll file mentioned in the roll server documentation) or contact Software AG Support.</p>
24	36	READ WRITE	<p>An internal control block used for inter-task communication could not be allocated.</p> <p>Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.</p>
28	40	READ WRITE	<p>An intermediate buffer for an asynchronous READ/WRITE request could not be allocated.</p> <p>Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.</p>

Hex	Dec	Function Type	Explanation
2C	44	READ	<p>The size of the compressed Natural thread passed by the requestor in the request block is not equal to the size used on the previous WRITE request.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
30	48	READ WRITE	<p>An ABEND was intercepted in the READ- respectively WRITE-task and a SNAP dump issued in the roll server's address space.</p> <p>Action: Contact Software AG Support</p>
34	52	READ	<p>The READ-task could not allocate the intermediate buffer.</p> <p>Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.</p>
38	56	READ WRITE STATS	<p>The address of the Natural thread is not specified in the request block.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
3C	60	FREE READ WRITE	<p>The directory_entry_pointer in the request block is invalid.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
40	64	READ	<p>The roll_server_init_time/date specified in the request block is zero.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
44	68	All	<p>One of the Sysplex Services for Data Sharing (XES) returned an unexpected reason code. The XES reason code is returned by the roll server in the request answer area (label RSPAXRNC).</p> <p>Action: Please refer to the documentation "Sysplex Services Reference" for the detailed reason and proposed actions. If the reason does not depend on system definitions, contact Software AG Support.</p>
48	72	All	<p>The connection to the Coupling Facility was lost.</p> <p>Possible reason: Hardware or system software problem.</p> <p>Action: Contact the OS/390 system administration.</p>
4C	76	All	<p>The Coupling Facility structure failed.</p> <p>Possible Reasons: Hardware or system software problem (Contact IBM Support)</p> <p>Action: Stop the roll server, deallocate the coupling facility structure and reformat the roll file.</p>

Hex	Dec	Function Type	Explanation
50	80	READ	<p>The previous WRITE request executed on a different OS/390 image was not successfully completed due to a Coupling Facility problem or a roll server problem.</p> <p>Action: Look at the message logs of the different roll server invocations for appropriate messages indicating the mentioned situation.</p>
54	84	FREE	<p>The entry for the specific user could not be located in the Coupling Facility structure.</p> <p>Possible reason: The request block has been overwritten since the last successfully executed roll server function.</p> <p>Action: Contact Software AG Support.</p>
58	88	READ	<p>A wait-queue element could not be allocated.</p> <p>Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.</p>
5C	92	READ	<p>The information contained in the specific entry of the Coupling Facility structure indicates that there was no previous WRITE request, which is impossible.</p> <p>Action: Contact Software AG Support.</p>
64	100	DEALLOC	<p>The request block is not of Version 3.1.</p> <p>Action: Contact Software AG Support.</p>
68	104	DEALLOC	<p>The length of the generic user is smaller than 1 or greater than 16.</p> <p>Action: Contact Software AG Support.</p>
70	112	DZAP READ WRITE	<p>The receiving storage area provided by the caller is write-protected.</p> <p>Action: Contact Software AG Support.</p>
74	116	FREE READ WRITE	<p>The ECB referred in the request block is not aligned or is write-protected.</p> <p>Action: Contact Software AG Support.</p>