software AG

Adabas Fastpath

Messages and Codes

Version 8.1.2

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Adabas Fastpath

This document applies to Adabas Fastpath Version 8.1.2 and to all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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1 Adabas Fastpath Messages and Codes

This document describes the messages and response codes which may be encountered during Adabas Fastpath execution.

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2 Adabas Fastpath Message Format

Unless suppressed, Adabas Fastpath messages are displayed on the operator console.

The messages have the following general format:

```
AFP-nnnn-ss   MESSAGE TEXT
```

where *nnnn* is the message number and *ss* is the (hexadecimal) severity code. Certain messages have additional information following the message text.

Console messages can be suppressed using the buffer parameter Message Level. For example, if Message Level is set to *0A*, any message with a severity code of 04 or 08 will not be printed.

The following table explains the general meaning of each severity level:

Severity Level	Explanation
00	Software AG use
04	Information only
08	Echo and confirmation
10	Warnings
14	Operator communication failure
18	Important buffer shutdown messages
20	Buffer initialization failure reasons
24	ABEND notification and information
FF	'Do not suppress' level

3 Adabas Fastpath Messages

AFP-0000-FF
NO TEXT

This message is either

- an unexpected error; or

- an error created intentionally by ZAP.

Report an unexpected error to Software AG.

AFP-0001-24
ABEND PSW psw

Indicates an abnormal termination of the asynchronous buffer manager (ABM). The PSW is displayed at the point the ABM abended.

AFP-0002-24
ABEND: NO PSW/REGS AVAILABLE

Indicates an abnormal termination of the asynchronous buffer manager (ABM). The PSW and registers were *not* available.

AFP-0003-24
ABEND REGS - 4-GP-registers

Normally follows message 0001 and is repeated 4 times. Each time it is repeated, a different set of 4 GP registers is displayed.

AFP-0004-xx

NEW BUFFER address, length, date, time

Indicates that a new buffer has been initialized and shows the buffer address, buffer length, starting date and time, all in hexadecimal.

> **Note:** For this message only, the severity code shown (xx) is overwritten with the message level parameter.

AFP-0005-04

INITIALIZATION FAILED

This is a warning that the buffer could not be initialized. It is preceded by a message showing the reason for failure.

AFP-0006-20

AUTHORIZATION FAILURE

The operating system would not permit Adabas Fastpath to perform certain commands; for example, GETMAIN.

Ensure that all AFPxxx and link modules are in an authorized library.

AFP-0007-10

RSP 148, RETRY: rsp, svc,dbid, fnr

The Adabas Fastpath configuration file is not active. Adabas Fastpath will retry periodically. The Adabas response code and the configuration file SVC, DBID, and FNR are shown in hexadecimal.

Check the status of the configuration file.

AFP-0008-20

SYSFILE RESPONSE: rsp, svc, dbid, fnr

An invalid Adabas response code was encountered while trying to access the Adabas Fastpath configuration file. The response code and configuration file SVC, DBID, and FNR are shown, in hexadecimal.

Check the status of the configuration file.

AFP-0009-20
NO SYSFILE PARAMETERS: buffer-name

Global or member buffer parameters could not be found on the Adabas Fastpath configuration file for the buffer name shown.

Check the status of the configuration file.

AFP-0010-20
NO SYSFILE PARAMETERS: connected-buffer-name

Connected buffer parameters could not be found on the Adabas Fastpath configuration file for the buffer name shown.

Check the status of the configuration file.

AFP-0011-20
INVALID PARAMETERS: buffer-name

The parameters for the buffer name shown would require more memory than requested in the size parameter. Buffer initialization is terminated.

Check the parameter values and adjust as necessary.

AFP-0012-20
TRAP FAILURE: buffer-name

The asynchronous buffer manager (AFPABM) must be able to intercept any abnormal ABENDs to preserve operational integrity. Initialization failed for the buffer named while attempting to set the operating system ABEND trap.

AFP-0013-10
ALREADY ACTIVE: buffer-name

An attempt was made to start the buffer named, which is already active.

AFP-0014-20
GETMAIN FAILED: buffer-name

The operating system GETMAIN operation failed while initializing the named buffer.

AFP-0015-20

SEGMENTATION FAILURE: buffer-name

A failure occurred during the preformatting stage of initialization for the named buffer.

AFP-0016-20

FILE PARAMETER ERROR: buffer-name

An error occurred during file parameter initialization of the named buffer.

AFP-0017-20

PARAMETER(S) OVERRIDDEN: buffer-name

The buffer parameter record on the Adabas Fastpath configuration file was updated sometime between the start and end of initialization for the buffer named.

AFP-0018-20

BUFFER SIGNON FAILURE: buffer-name

Logon to the ID table failed. Possible reasons are as follows:

- the SVC specified in the named buffer parameters could not provide Adabas communication; or

- the database number defined for the buffer was already in use by a database or another buffer.

AFP-0019-08

OPERATOR ENTERED: command

The specified command is valid and recognized by the asynchronous buffer manager.

AFP-0020-14

INVALID OPERATOR COMMAND: command

The specified command is not recognized as a valid command.

AFP-0021-14

COMMAND REJECTED: command

The specified command is valid but processing is rejected.

AFP-0022-FF
STAT, SNAP, STOP, RESTART, NEWCOPY, HELP

Response to the HELP command.

AFP-0023-08
SHUTDOWN ACTIVATED

The buffer is in the process of terminating. During this process, all tasks within the Adabas Fastpath buffer are allowed to complete normally and no new tasks are started.

AFP-0024-20
NO CONNECTION TO BUFFER: buffer-name

Initialization for the specified buffer could not be completed because it was not possible to obtain a buffer session area for the asynchronous buffer manager.

AFP-0025-16
SAMPLER MISSING: AFPLOOK-module-name

An attempt to load the specified AFPLOOK module failed.

AFP-0028-04
NEWCOPY REQUEST

The database component accepted a Newcopy request.

AFP-0029-04
DISCONNECT FAILURE

The database component could not successfully disconnect.

AFP-0030-04
NO RECOVERY ACTION NEEDED

The buffer ended abnormally but no specific action was necessary to provide an orderly shutdown.

AFP-0031-18
POSSIBLE ORPHAN: address-of-memory

An attempt to free memory after an abnormal termination failed. The attempted address is shown and should be the same as that portrayed in message 0004.

AFP-0032-18

NOT FREED: address-of-memory

An abnormal termination occurred. The memory address shown appears to be invalid and should be the same as that portrayed in message 0004.

AFP-0033-18

SIGNOFF FAILURE: address-of-memory

An abnormal termination occurred while attempting to log off from the Adabas ID table.

AFP-0034-08

SNAP COMPLETED

The snap dump of the Adabas Fastpath buffer has completed successfully. This message is issued in response to a request to snap the contents of the buffer.

AFP-0035-10

SNAP FAILED

The snap dump of the Adabas Fastpath buffer failed.

AFP-0036-14

BUSY - PLEASE RETRY

Adabas Fastpath processes only one operator command at a time and one is already being processed.

Resubmit the failed command.

AFP-0037-18

JOB ACTIVE: job-name-and-number

AFPABM is attempting to stop but cannot do so until all jobs have released all Adabas Fastpath resources. The job named has not yet released resources and disconnected from the Adabas Fastpath buffer.

AFP-0038-08

STATISTICS UNAVAILABLE

The database component disconnected successfully but could not log the final statistics.

AFP-0039-10

LOG EVENT ERROR: ADABAS-cmd-code-and-rsp-code

An invalid Adabas response code was encountered while attempting to write a statistics log to the Adabas Fastpath configuration file. The Adabas command code and response code are shown in hexadecimal.

AFP-0040-04

JOB REPORT: job-name, commands

If the job parameter `Job End Stats` is set to Y, AFPABM shows the above message when the named job completes. The message shows the job name and the total number of commands for the job seen by Adabas Fastpath. Messages 0041 and 0042 should follow.

AFP-0041-04

DIRECT ACCESS: attempts, saved, RCs

This message follows either message 0040 or 0051. It shows the Adabas Fastpath direct access optimization attempts, the number of commands saved, and the number of associated RC commands saved.

AFP-0042-04

SEQUENCE: attempts, saved, over-reads

This message follows either message 0040 or 0051. It shows the Adabas Fastpath read-ahead optimization attempts, the number of commands saved, and the number of commands that were not needed (over-reads).

AFP-0043-08

STOP REQUESTED BY: userid

A buffer STOP request was issued from SYSAFP by the user shown.

AFP-0044-08

RESTART REQUESTED BY: userid

A buffer RESTART request was issued from SYSAFP by the user shown.

AFP-0045-08

LOG REQUESTED BY: userid

A LOG request was issued from SYSAFP by the user shown.

AFP-0046-08

NEWCOPY REQUESTED BY: userid

A NEWCOPY request was issued from SYSAFP by the user shown.

AFP-0047-08

SNAP REQUESTED BY: userid

A STOP request was issued from SYSAFP by the user shown.

AFP-0048-18

OPERATOR CANCEL: FORCED SHUTDOWN

The buffer is being shut down due to an operating system cancel.

AFP-0049-08

SCHEDULED FILE STOP time fnr / dbid

The file is subject to optimization by time period and a stop time period has been reached. The scheduled stop time plus the file and database number are also shown.

AFP-0050-08

SCHEDULED FILE START time fnr / dbid

The file is subject to optimization by time period and a new start time period has been reached. The scheduled start time plus the file and database number are also shown.

AFP-0051-04

BUFFER STATISTICS name, total-commands

This message is issued automatically at normal buffer end or when the operator command STAT is issued. It shows the buffer name and the total number of commands seen by Adabas Fastpath. It is followed by messages 0041 and 0042.

AFP-0052-04

NEWCOPY LOADED

The database component successfully reloaded the Adabas Fastpath nucleus.

AFP-0053-20
UNABLE TO LOAD FASTPATH MODULE: module-name

AFPABM was unable to load the module named in the message.

Check that the Adabas Fastpath library is defined to the buffer start task and that it contains the module named.

AFP-0054-20
ERROR IN LOADED FASTPATH MODULE: module-name

AFPABM loaded the module named in the message but then found an error in it.

Check that the version of Adabas Fastpath matches for AFPABM and the module named.

AFP-0056-20
UNABLE TO SEND UPDATES TO: daemon-name/node-id (SYSCO DAEMON) RSPnnnn

AFPADA cannot send updates to the SYSCO daemon named. In most cases, this indicates an Entire Net-Work problem.

To maintain data integrity, stop or restart the named AFPABM hosted by the named SYSCO daemon.

AFP-0058-08
File Notification: DB xxxxx File yyyyy FCA zzzzzzzz

The file housekeeping pulse has reinforced coherence settings that had been lost.

Contact Software AG for assistance. An internal error is happening (which is being auto-corrected) but the cause needs to be investigated.

AFP-0059-04
JOB REPORT: Job Number

If the job parameter `Job End Stats` is set to Y, Fastpath displays this message when the job completes. The message shows the job name and job number of the ending job (step).

AFP-0060-04
THE DATE IS: date

This message is issued by the Adabas Fastpath buffer manager at startup and also at midnight.

AFP-0061-20
COR GROUP NAME MISMATCH

The Adabas System Coordinator group name defined for the AFPABM does not match the group name defined for the host SYSCO daemon.

Correct the group names in the defined parameters.

4 Response Codes

This section describes response codes which can be returned during Adabas Fastpath execution. The response code and its subcodes are returned in the rightmost two bytes of the Additions 2 field of the Adabas control block.

Response code 0 indicates that the Adabas command was processed successfully. Any other response code is returned as a result of an error during command processing.

All Adabas commands resulting in a response code restore all Adabas control block fields except the Response Code field to the contents the fields held at the beginning of command execution.

Response 101

This response code indicates that an Adabas Fastpath processing error has been detected during the processing of an Adabas command. Refer to the hexadecimal subcode that appears in the command's Adabas control block, Additions 2 field, low-order (rightmost) two bytes. The subcodes are described in the table below:

Subcode	Description
1	L9 sequence optimization encountered an unexpected COP2=I.
2	L3/L9 direct optimization internal error.
3	Internal call mechanism not functioning. User Exit B may have rejected the call.
4	Unexpected RC command during sequence optimization.
5	Sx command sequential optimization update error.
6	L3 direction change error.