

Adabas Vista

Adabas Vista Messages and Codes

Version 8.1.2

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This document applies to Adabas Vista Version 8.1.2.

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Table of Contents

1 Adabas Vista Messages and Codes	1
2 Adabas Vista Messages	3
Messages Related to Adabas Vista Processing (AVI-xxxx-xx)	4
Messages Related to Adabas Vista Database Processing (AVInnn dddd)	5
3 Response Codes	7
Response Codes	8
Subcodes	9

1 Adabas Vista Messages and Codes

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

Adabas Vista Messages

Response Codes

2 Adabas Vista Messages

- Messages Related to Adabas Vista Processing (AVI-xxxx-xx) 4
- Messages Related to Adabas Vista Database Processing (AVInnn dddd) 5

This section describes the messages that may be displayed on the operator console during Adabas Vista execution.

Messages Related to Adabas Vista Processing (AVI-xxxx-xx)

Adabas Vista messages related to client processing have the following format:

AVI-*nnnn*-*ss* Message Text

where *nnnn* is the message number and *ss* is a hexadecimal severity code:

Severity Code	Explanation
00	Software AG use
04	Information only
10	Warnings

AVI-0013-04 **Config File is now available**
Explanation This message is issued after an AVI-0013-10 message when Adabas Vista detects that the configuration file has become available again.
Action None. This message is for information only.

AVI-0013-10 **One or more users were unable to access Config File**
Explanation The Adabas Vista configuration file is not currently available. One or more users have been allowed to continue processing although the partitioning and translation capabilities of Adabas Vista are not available to the user(s) until the configuration file becomes available.
Action Check the availability of the Adabas Vista configuration file.

AVI-0015-10 **Initialization error.....ADABAS VISTA is N O T active**
Explanation Adabas Vista was unable to initialize successfully and has been deactivated.
Action Check the message text for the reason for the failure and if necessary contact your local Software AG representative.

AVI-0017-10	Config File Error (DdbidFfnr); Rspnnnnn Srspsssss
Explanation	An Adabas response code was returned when accessing the Adabas Vista configuration file and the client runtime control Error Reporting WTO option is set to YES. The returned response code and subcode are indicated in the message.
Action	Ensure that the correct configuration file database and file number are being used. Refer to the <i>Adabas Messages and Codes</i> documentation for an explanation of the response code.
AVI-0018-10	Internal error (DdbidFfnr); Rsp00249 Srspsssss
Explanation	An Adabas Vista processing error occurred and the client runtime control Error Reporting WTO option is set to YES. The Database ID and File Number provided indicate the source of the error. The response code 249 may be different depending on the value provided for the client runtime control Error Response Code. The subcode of the response code is also provided.
Action	For information about the subcode provided, see the section Subcodes .
AVI-0019-10	Adabas Rspnnnnn Srspsssss Srce: DdbidFfnr CC Targ: DdbidFfnr CC
Explanation	An Adabas response code was returned and the Error Reporting client runtime control's WTO option is set to YES. The response code and subcode are displayed. The Srce (application) database number, file number, command code and the Targ (resulting) database number, file number, command code are also displayed.
Action	This (optional) message is provided to warn of potential Adabas issues.
AVI-0020-04	Jobname: aaaaaaa Comm-ID: hhhhhhhhhhhhhhhh (aaaaaaa)
Explanation	After an Adabas Vista console message has been issued, this message is used to help identify the user responsible.
Action	None. This message is for information only.

Messages Related to Adabas Vista Database Processing (AVInnn dddd)

Messages related to Adabas Vista database processing may be displayed on the operator console during an Adabas nucleus session. These messages have the format:

AVI nnn $dddd$ Message Text

where nnn is the message number and $dddd$ is the Adabas database number.

AVI001	dddd Vista Database Process; Enabled
Explanation	The Adabas Vista database process has been installed and initialized on this database.
Action	None. This message is for information only.
AVI002	dddd Vista Database Process; Getmain Error - $nnnnnnnn$ bytes
Explanation	The Adabas Vista database process has not been able to initialize due to insufficient memory.
Action	Increase available memory by at least the amount indicated in the message.
AVI005	dddd Vista Database Process; Disabled
Explanation	The Adabas Vista database process has been disabled.
Action	Refer to a previous console message for the reason.

3 Response Codes

- Response Codes 8
- Subcodes 9

This section describes the response codes which may be encountered during Adabas Vista processing.

Response codes not mentioned here are returned to the user unchanged. Information regarding these response codes can be found in the *Adabas Messages and Codes* documentation.

Adabas Vista makes extensive use of the subcode field in the Adabas control block. For information about extracting this subcode, refer to section Error Handling.

Response Codes

Response 3	Subcode 249
Explanation	Adabas Vista has determined that no data is available to satisfy this command due to one of the following reasons: <ul style="list-style-type: none">■ A partitioned file end-of-file or end-of-list condition was detected.■ None of the partitions were available/online and all of them have the file parameter <code>Critical</code> set to NO.
Action	None.
Response 9	Subcode 249
Explanation	All transaction activity by the client has been backed out for one of the following reasons: <ul style="list-style-type: none">■ The client is using multiple (different) ETIDs which have collided against a particular database
Action	Review the client's use of ETIDs with respect to the current translation rules and/or partitioned files.
Response 17	Subcode 249
Explanation	While attempting to satisfy a partitioned file command the unavailability of an FDT has been detected – this is invalid for one of the following reasons: <ul style="list-style-type: none">■ None of the partitions were available/online and at least one of them has the file parameter <code>Critical</code> set to YES.■ None of the partitions were available/online and all of them have the file parameter <code>Critical</code> set to NO and the command can not be satisfied with a “no data” response such as RSP003.
Action	Ensure at least one of the file partitions is available/online.

Response 53	Subcode 249
Explanation	The record buffer provided for an L9 command with 'I' option against a partitioned file is not large enough to hold the full list of ISNs.
Action	Increase the size of the record buffer.
Response 249	Subcode 1 to 255
Explanation	Adabas Vista uses a default Adabas response code of 249 for all processing errors. This response code can be changed by using the Job Parameter function of Adabas Vista Online Services.
Action	Refer to the section Subcodes for the explanation of the subcode. If the subcode is not mentioned, contact Software AG technical support.

Subcodes

Subcode 1

Explanation	The partitioned file concurrency limit has been reached.
Action	Increase the partitioned file concurrency limit using the File Partitioning function of Adabas Vista Online Services.

Subcode 6

Explanation	The job parameter <code>Enable Multiple Updates</code> is set to NO. After updating one database, the user attempted to update a second database in the same transaction.
Action	Review the job parameter <code>Enable Multiple Updates</code> in the Job Parameter function of Adabas Vista Online Services.

Subcode 8

Explanation	This partitioned file has been defined with an unsupported Partitioning Field. The Partitioning Field may not be: <ul style="list-style-type: none"> ■ A multiple value field ■ An item in a periodic group ■ A field with format F, G, or W ■ A variable length field ■ A field with the long alphanumeric (LA) attribute ■ A SUPDE or SUPFN of format Alphanumeric with at least one parent of format W
Action	Review the partitioning criteria.

Subcode 9

Explanation

One of the following errors was detected while processing a partitioned file:

- A distributed access can not be successfully processed due to the client encoding being incompatible with Vista's record collating process.
- A command can not be successfully processed due to the client encoding being incompatible with the defined partition criteria.

Action

Review the use of client encodings.

Subcode 10

Explanation

One of the following errors was detected in the Adabas search buffer while processing a partitioned file:

- the specified field is not in the Adabas FDT.
- an S or N operator is used incorrectly.
- a superdescriptor with a variable-length parent field is not allowed.
- coupled file syntax is not allowed.
- the value1 operator (EQ, GE, GT, etc.) is unknown.
- a connecting operator (D, O, R, etc.) is unknown.
- a command ID enclosed in parentheses is not allowed
- a memory request failed.
- collation descriptors are not supported.

Action

Review and correct the application program.

Subcode 12

Explanation

Runtime controls have been changed dynamically without the client previously resetting all Adabas context to null. In this situation Vista is forced to discard all Adabas context and alert the application with this response.

Action

Avoid this response by ensuring the client has no Adabas context prior to the runtime controls being changed.

Subcode 14

Explanation

One of the following errors was detected in the Adabas format or record buffer while processing a update/store for a partitioned file:

- The partitioning field specified in the format buffer could not be located in the Adabas FDT (N1 and N2).
- An Adabas field specified in the format buffer could not be located in the Adabas FDT (N1, N2 and A1).

- The partitioning field value specified in the record buffer is inconsistent with the defined partitioning criteria for the file (N1 and N2).
- The partitioning field value specified in the record buffer is inconsistent with the partition criteria defined to the partition identified by the ISN in the Adabas control block (N2 only).
- The partitioning field value specified in the record buffer is null and the `Store Control Option` is set to 2 (N1 only).
- The partitioning field/value has not been specified and no target partition has been identified (N1 and N2).

Action Review application program and partitioning criteria.

Subcode 15

Explanation The partitioning field value specified in the record buffer of the A1 command is inconsistent with the partition criteria defined to the partition identified by the ISN in the Adabas control block.

Such an update requires the relocation of the ISN to another partition, which is not allowed.

Action Review the application program. Use a delete and store as an alternative.

Subcode 16

Explanation An ISN has been detected that is invalid for one of the following reasons:

- The partition identifier extracted from the Adabas Vista ISN is not consistent with any partition defined to the partitioned file.
- The Adabas ISN read from a partition is greater than the TOPISN value defined for the partition.
- An attempt to store a record has resulted in an Adabas ISN greater than the TOPISN value defined for the partition.

Action Review the application program and check TOPISN setting.

Subcode 21

Explanation One of the following errors occurred while processing Distributed Lock Mode (DLM) against a partitioned file:

- Prefetch/multifetch options on a distributed access L6 command are not allowed for DLM options 2 and 3.
- DLM option 4 is specified and a distributed access S4 or L6 command was issued.
- DLM option 3 is specified and the distributed access data integrity check failed.

Action Review the application and use of the DLM option.

Subcode 22

Explanation The client runtime control for CL convergence is set to reject when your Vista rules used during runtime result in activity for multiple source databases converging into a single target database. With this setting the CL command cannot be processed by Vista because it would result in the loss of cursor/transaction activity in the target database for source database(s) beyond the one indicated in this CL command which would result in unpredictable results and errors if those other source databases are used further.

Action Review the application program and the convergent translation/partitioning rules or alter the CL convergence runtime control setting.

Subcode 25

Explanation One of the following unsupported commands has been issued:

- an S5 command (partitioned files only)
- a C5 command
- a BT command with Command Option 2 set to F (any transaction will have been backed out)
- an L1 command with Command Option 1 or 2 set to F

Action Review application program.

Subcode 28

Explanation An update command has been issued to a partitioned file; however, the target partition does not have the option ACCESS=FULL.

Action Review application program and partition ACCESS options.

Subcode 31

Explanation An existing Command ID has been reused after the client's translation context has been modified but this now references a different file, which is an illegal situation and is therefore rejected.

Action Review programming practices for changing client contexts.

Subcode 32

Explanation Partitioned files can not be subjected to a change in client context

Action Review programming practices for changing client contexts.

Subcode 36

Explanation A session-related memory allocation failed during an inter-system dynamic transaction routing operation, the client session is unable to continue. This sub-code may not indicate an error on this current Adabas command, but it indicates that an internal error has prevented the Vista session continuing successfully.

Action Increase the shared memory available.

Subcode 37

Explanation A file-related memory allocation failed during an inter-system dynamic transaction routing operation, the client session is unable to continue using the file. This sub-code may not indicate an error on this current Adabas command, but it indicates that an internal error has prevented the Vista session continuing successfully with one of the files currently being used so Vista is alerting you immediately.

Action Increase the shared memory available.

Subcode 39

Explanation An L1 (get next) command was issued but the supplied command ID is not currently active.

Action Review application program.

Subcode 45

Explanation An error has occurred during the processing of a distributed L3/L9 command against a partitioned file.

Action Contact your Software AG technical support representative and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information.

Subcode 50

Explanation An A1 command was issued without the H option and the DLM option is set to 1. However, the ISN to be updated has not been previously read by a hold command.

Action Review application program and use of DLM option.

Subcode 51

Explanation The number of segmented buffers used by this ACBX call against a Partitioned File is greater than the maximum allowed.

Action Reduce the number of segmented buffers.

Subcode 52

Explanation The file parameter `Enable ISN Positioning` is set to `NO` and one of the following commands was issued:

- `L1` with `Command Option 2` set to `I`
- `L2/5` with starting ISN
- `L3/6` with starting ISN
- `Sx` with the `ISN Lower Limit` field specified

Action Review application program and the file parameter `Enable ISN Positioning`.

Subcode 60

Explanation A memory request failed.

Action Review the memory availability of the

- host TP system;
- host operating system; and
- global common memory pool (BS2000 only; specified in the Adabas System Coordinator group definition).

Subcode 65

Explanation One of the following invalid values was used for a command ID value:

- `X'00000000'`
- `X'40404040'`

Action Do not use the above command ID values.

Subcode 70

Explanation Support for the use of this API has been withdrawn.

Action Please refer to the currently supported APIs or, alternatively, contact your Software AG technical support representative to discuss your requirements.

Subcode 72

Explanation An ET Data related command has been issued, but the runtime control Database Number for ET Data is not set to a specific database number and Vista has been unable to establish a target database to satisfy the command.

Action Review the runtime control Database Number for ET Data to specifically identify the database number to be used.

Subcode 74

Explanation A sequence direction change has been detected during an L3 or L9 command against a Partitioned File whose Command ID sequence has been previously subjected to multifetch.

Action Review the program logic.

Subcode 81

Explanation An error has occurred during the processing of an L1 'get next' command against a partitioned file.

Action Contact your Software AG technical support representative and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information.

Subcode 86

Explanation The Adabas Vista database process is not installed. It must be installed on all Adabas databases which contain Adabas Vista partitions. This subcode indicates that a database

- is not running with ADARUN VISTA=YES; or
- is not running Adabas version 7 or above.

Action Refer to the Adabas Vista installation procedures.

Subcode 96

Explanation An error has occurred during the parsing of the Format Buffer during the processing of an Ax or Nx command against a partitioned file.

Action Contact your Software AG technical support representative and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information.

Subcode 106

Explanation The configuration for the first-level null definition policy for this target category (mode) is set to reject "null" as the outcome of translation processing.

Action Review the null definition policy for the target category (mode) used if you do not wish to receive this error.

Subcode 107

Explanation Translation processing has been configured to disallow redirection to a different target category (mode).

Action Remove the redirection rule(s) or review the category adjustment policy for the target category (mode) in use.

Subcode 108

Explanation The configuration for the first-level null definition policy redirects to another target category (mode) which in turn has resulted in a “null” outcome. The second-level null definition policy is set to reject such an outcome.

Action Review the translation rules in use to avoid a null result or alter the null definition policies.

Subcode 109

Explanation Translation processing has detected a recursive redirection.

Action Review the translation rules in use.

Subcode 112

Explanation An error has occurred during the processing of the current command.

Action Contact your Software AG technical support representative and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information.

Subcode 116

Explanation A command has been issued against a partitioned file which has the `Shared Partition` option set to YES for one or more of its partitions. However, the partitioning field defined does not exist in the Adabas FDT.

Action Contact your Software AG technical support representative and use the COR Debug Event Monitor controls specifying Response 249 and this subcode to provide diagnostic information.

Subcode 117

Explanation One of the following errors occurred while processing the record, value, or search buffer:

- A P format field value was not in packed decimal format.
- A U format field value was not in unpacked decimal format.
- The attempted format conversion was not possible because of incompatible data formats or other compatibility problems.
- The field length was zero or not consistent with the field format.

Action Check field values for correct formats and lengths.

Subcode 119

Explanation One of the following has occurred:

- Runtime configuration on behalf of this client was unsuccessful and Adabas Vista has been defined as “critical” using the Critical Product Support feature of the Adabas System Coordinator.
- The Adabas Vista configuration file was not available during an attempt to satisfy an Adabas Vista API request.

Action Check the availability of the configuration file.

If the client runtime control Error Reporting WTO option is set to YES, this error may be accompanied by an AVI-0017-10 console message.

Subcode 120

Explanation The client previously issued a command to a source file for which Vista was unable to determine the existence of any translation rules due to the configuration file not being available at the time. Subsequently, Vista has detected the availability of the configuration file and has determined the existence of a translation rule for this source file. This subcode is returned the next time the client attempts to access the source file.

Action Review the availability of the configuration file.

Subcode 122

Explanation An invalid partitioned file definition has been found in the Adabas Vista configuration file.

Action Check the file definition using Adabas Vista Online Services.

Subcode 123

Explanation An invalid translation rule has been found in the Adabas Vista configuration file.

Action Check the rule using Adabas Vista Online Services.

Subcode 124

Explanation An error in the record buffer was detected during processing of an OP command.

Subcode 126

Explanation

One of the following errors occurred while processing an S8 command:

- An invalid command ID was specified in the Additions 1 field.
- Different file numbers were detected for ISN lists.
- An error occurred while processing a subsequent S8 call.

Action

Review the application program.

Subcode 127

Explanation

One of the following errors occurred while processing an S2 command:

- An invalid sort sequence was specified.
- An invalid ISN was detected during processing.
- An error was detected during ISN processing.

Action

Review the application program.

Subcode 128

Explanation

One of the following errors occurred while processing an S9 command:

- The command ID value specified was assigned to another command.
- An invalid sort sequence was specified.
- An invalid ISN buffer length was detected.
- The number of ISNs to be sorted as provided in ISN quantity is equal to 0.
- The command ID value specified in Additions 4 was not found.
- An invalid ISN was detected during processing.
- An error was detected during ISN processing.

Action

Review the application program.

Subcode 129

Explanation

The command limit defined for this source file has been exceeded.

Action

Review the command limit.

Subcode 131

Explanation A requested file refresh of a partitioned file has failed due to an unexpected Adabas response code. The partitioned file is in a partially refreshed state.

Action Review the Adabas response code.

Subcode 133

Explanation One of the following errors occurred whilst processing a direction change during an L9 command sequence:

- A second direction change for this sequence was attempted.
- A format override cannot be processed.
- A length override greater than specified in the FDT cannot be processed.
- A length override has been specified with complex search criteria.

Action Review the use of the L9 command and the Adabas Vista restrictions.

Subcode 134

Explanation An S2 command to continue a sequence has been received. The sequence was not started by an S2 command.

Action Amend the command sequence to process either all S1 commands, or all S2 commands, as appropriate.

Subcode 201

Explanation One of the following errors occurred while initializing AVIKRN:

- The dynamic load failed.
- The version is not compatible.

Action Check the Adabas Vista installation procedures.

Subcode 496

Explanation The session is not compliant with correct distributed transaction processing. Please refer to section Transaction Directives for a more detailed explanation of this subcode.

Action Adhere to correct distributed transaction processing.

