

Response Codes

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.

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Response Codes

Response 9 Subcode 249 (default job parameter value)

Explanation The user was timed out for one of the following reasons:

- The user was notified of an Adabas response code 9 timeout against one source database and existing partitioned file definitions determine that the user is timed out of the current, different source database as well. The original Adabas response code 9 is returned in the first two bytes of the Additions 2 field.
- The user was timed out by Adabas Vista.

Action Review the Adabas timeout values and the Adabas Vista job parameter `User Non-Activity Time Limit`.

Response 17 Subcode 249 (default job parameter value)

Explanation Unable to read the FDT of the partitioned file. None of the partitions were available/online and at least one of the partitions had the file parameter `Critical` set to YES. To access a partitioned file, at least one of the partitions must be available/online.

Action Ensure at least one of the file partitions is available/online.

Response **Subcode 1 to 255**
249

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 `Enable Multiple Updates` 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 `Enable Multiple Updates` in the Job Parameter function of Adabas Vista Online Services.

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.

Action Review and correct the application program.

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 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
- anL1 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 39

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

Action Review application program.

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 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 74

Explanation One of the following errors was detected during read-ahead processing:

- direction change occurred during an L3 sequential read with no accompanying value reposition; or
- a direction change occurred during an L9 sequential read.

Action Review the application program.

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 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 The partitioning field must be present in the Adabas FDT when using shared partitions.

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 A non-zero response code was returned when accessing the Adabas Vista configuration file.

Action A message is issued to the console from the job that received the error. The message has the prefix AVI-0017-10 and displays the configuration file database/file number and the response code and subcode returned.

Subcode 121

Explanation The job parameter `Profile ID Validation` is set to YES and a Profile ID has been provided for which there are no translation or partition rules defined.

Action Review the Profile ID and the defined rules.

In batch mode this error is accompanied by a message issued to the console from the job that received the error. The message has the prefix AVI-0016-10 and displays the Profile ID in question.

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 file definition has been found in the Adabas Vista configuration file.

Action Check the file definition 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 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.