

# 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**

**Explanation** All transaction activity by the client has been backed out for one of the following reasons:

- 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** 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.

**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**      **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 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 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 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** The runtime control Database Number for ET Data is not set to a specific database number and an error has occurred handling ET Data to/from the otherwise selected database.

**Action** Refer to the runtime control description for details on how Vista has otherwise selected the ET Data database, and then check its operational availability.

**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.