

# Nucleus Response Codes

After each Adabas command is processed, a response code is returned in bytes 11 and 12 of the ACB or in the ACBX. Some response codes also return a subcode in the rightmost two bytes of the ACB's Additions 2 field (offset 45-48) or in the ACBX's Error Subcode (ACBXERRC) field (offset 115-116). This section describes those response codes and subcodes.

## Note:

Proprietary functions of Adabas may also return response codes and subcodes, some of which are not described here. Refer to the documentation for those functions for more information.

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 other than 0, 1, and 145 restore all Adabas control block fields except the response code field (see the Adabas Command Reference documentation) to the contents the fields held at the beginning of command execution.

For internal errors, contact your Adabas technical support representative.

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**Response 0**

**Explanation** The command was executed successfully.

**Response 1**

**Explanation** Depending on the subcode in the rightmost two bytes of the ACB's Additions 2 field or the ACBX's Error Subcode (ACBXERRC) field, one of the following has occurred:

1	An online SAVE operation cannot be executed without the nucleus' PLOG.
2	The selected record is not allowed.
3	S2 command did not have enough space.
4	S2/S9 internal program error.
5	System was not in save status at the end of an online ADASAV.

**Note:**

When one of the subcodes 2-4 is present, the cause could be an Sx command using security-by-value that found at least one ISN.

**Action** Increase the ADARUN LS parameter value.

**Response 2**

**Explanation** This response code can only occur with a BT or ET command. The BT or ET command executes successfully. One of the following has occurred:

1	Adabas attempted to hold an ISN already being held by another user.
2	The number of ISNs as specified in the ISN buffer was too large compared to the ISN buffer length (ET or BT command with the M option).
4	ISN is not on hold during multifetch ET/BT. ET/BT has successfully executed the ISNs so far released. The remaining ISNs are still on hold.

**Response 3**

**Explanation** One of the following has occurred:

- An end-of-file or end-of-list condition was detected.
- A program tried to read/change a multicient file’s record using either a blank or incorrect-length owner ID, or an owner ID that is not allowed for the record.

**Response 7**

**Explanation** A complex search command was rejected because it was estimated that it would exceed the maximum search time TLSCMD.

**Response 8**

**Explanation** The current user’s command was interrupted to prevent a Work overflow because of a pending backout operation.

**Action** The value specified for the LP parameter might have to be increased.

Response 9

**Explanation** A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. The following are the subcodes and their meanings:

1	The user was backed out because the hold queue was full <i>Action:</i> Set the number of hold queue elements (ADARUN NH parameter) higher, or tune the application to issue more frequent ET commands.
2	The transaction time limit (TT) has been exceeded, and the transaction was backed out. <i>Action:</i> Correct the cause of the timeout, then restart the transaction.
3	One of the following is the case: <ul style="list-style-type: none"> <li>• The transaction non-activity time limit (TNAE, TNAX, or TNAA) has been exceeded.</li> <li>• The user was stopped by the STOPF or STOPI operator, or an Adabas Online System command.</li> <li>• A security violation response code has been returned for an ET-logic user. Information about response codes for security violations is provided in the Adabas Security documentation.</li> <li>• When a new user issues an OP cmd with the same user ID (in ADD1) as an earlier user did and the earlier user was inactive for more than 60 seconds, the new user can, by issuing a second OP cmd again (the first OP cmd will get response code 9, subcode 64), take over the user ID of the earlier user. When the earlier user becomes active again, this subcode can be received.</li> </ul> <i>Action:</i> Correct the cause of the timeout, then restart the transaction.
15	The user was backed out because a pending Work area overflow occurred during this operation. <i>Action:</i> Either reduce the transaction length to lessen the data protection area requirement, or increase the protection area on Work.
17	At the end of an online recovery process that was initiated after the failure of a peer nucleus in an Adabas cluster, the nucleus was unable to reacquire the ETID specified by the user in the Additions 1 field of the OP command. <i>Action:</i> (In the application program.) Redo the OP command with the ETID specified in the Additions 1 field to reacquire the user ID. Contact your Software AG technical support representative.
18	The user's active transaction was interrupted and backed out because a peer nucleus in an Adabas cluster terminated abnormally. <i>Action:</i> (In the application program.) Rerun the transaction.
19	The user's active command was interrupted and stopped because a peer nucleus in an Adabas cluster terminated abnormally. If the interrupted command was using a command ID (CID), the command ID is deleted. <i>Action:</i> (In the application program.) Clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction.
20	The Adabas cluster nucleus assigned to the user terminated while the user had an open transaction. The transaction has been or will be backed out. <i>Action:</i> (In the application program.) If the user was defined with a user ID (ETID) in the Additions 1 field of the OP command, redo the OP command to reacquire the ETID; clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction.
21	The user's active command was waiting for an ISN in hold status when the user was backed out and closed due to a timeout or a STOP command.
22	The user's active command was waiting for free space in the work pool when the user was backed out and closed due to a timeout or a STOP command.
62	An OP (open) command was issued without a user/ET ID, which is required for this type of application or environment. <i>Action:</i> Correct the program to specify a user/ET ID, and rerun the program.
63	An OP command was given for an ET user not in ET status. The user is backed out with an Adabas-generated BT command, and the operation is closed. <i>Action:</i> Repeat the OP call.
64	An OP command was issued with an 8-byte ET ID that already exists.
66	An Adabas session with OPENRQ=YES was active and the user issued an Adabas command without having issued an OP command. <i>Action:</i> Ensure that all users issue an OP command as the first Adabas command.
67	Insufficient Work part 1 space for open command with ETID definition when trying to read the user profile.
68	The user queue element has been deleted. Most likely the command was thrown back due to ISN contention or space shortage. The space shortage is normally workpool space; if this is the case, the LWP parameter setting should be increased.
73-78	These subcodes are given only when Adabas Transaction Manager is in use. Review the Adabas Transaction Manager documentation for more information.
79	Used by Adabas System Coordinator to signal the (optional) terminal timeout. Review the Adabas System Coordinator documentation for more information.
80-99	These subcodes are given only when Adabas Transaction Manager is in use. Review the Adabas Transaction Manager documentation for more information.
130	In a cluster, the UQE of the user was deleted between the time the user's command was routed to one nucleus in the cluster and the time that nucleus selected the command for processing.
249	This subcode is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.

**Response 10**

**Explanation**

Too many occurrences for a periodic group.

Response  
17

**Explanation** A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. The following are the subcodes and their meanings:

1	The program tried to access system file 1 or 2, and no OP command was issued. <i>Action:</i> Restructure the program to begin with an OP command.
2	The program tried to access system file 1 or 2, and the user is not authorized. <i>Action:</i> Change the program to avoid the access.
4	One of the following occurred: - The specified file number is invalid. - When running with ADARUN DTP={RM   TM}, an attempt was made by a non-ATM user to access/update an ATM system file.
5	The file is either not loaded, or has been locked by another user for privileged use. For ADAORD and ADAINV utility operations, the write phase has started and use of the file is now blocked for the type of operation you requested.
6	An E1 (delete record) command was given without specifying a valid file number.
7	The program tried to perform an LF command on system file 1 or 2.
8	The program tried to access a file that was not listed in the file list of an open (OP) executed with the R option.
9	The file that the program attempted to access is completely locked. This is usually because the maximum number of logical file extents that can fit into the FCB have been used. <i>Action:</i> Reorder, then unlock the file. Continue operation.
10	The program attempted to access a file which is locked with exclusive EXU status.
11	An LF command (read FDT) was run on a file that is not loaded; neither the FCB nor the FDT exists.
12	File has been locked with LOCKF.
13	A file is password-protected and the password was specified, but the corresponding security file is missing (not loaded).
14	A command was issued against a LOB file. Commands involving LB fields should be directed against the base file, not the LOB file.
15	A file is being loaded so its information is temporarily unavailable.
16	An attempt was made to perform an update (e.g. A1, E1, N1/2) against a file loaded with the attribute RPLUPDATEONLY=YES.
18	File has been locked with ALOCKF.
21	Not enough space for encoding elements (ECSE).
22	The required ECS objects needed for conversion between user and system data representation could not be loaded.
23	ECS object could not be located. The following objects must be available in the encoding objects library: File Alpha, File Wide EDD, User Alpha, User Wide EDD, and the PTOs for the combinations between file/user alpha/wide encodings. <i>Action:</i> Check that the required EDD and PTO objects are available.
24	ECS function get_attribute() failed. <i>Action:</i> The function's return code is logged with the nucleus message ADAN7A.
25	One of the following occurred: - A required encoding attribute was missing in an ECS object (encoding type, class, and flags) - The default space character length was > 4 - Default space table allocation failed - If DBCS-only plane exists, wide space character was undefined, or the length > 4, or wide space table allocation failed
29	An Adabas Review communication error has occurred. Contact your Software AG support representative.
249	This subcode is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.

**Response 18**

**Explanation** Invalid file number usage. The file number was modified between successive L2/L5 calls.

**Response  
19**

**Explanation** An attempt was made to update a file which was opened for access only. The leftmost two bytes of ACB's Additions 2 field or the ACBX's File Number (ACBXFNR) field may contain the file number.

**Response 20**

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

- X'00000000'
- X'40404040'
- X'FFxxxxxx'

**User Action:** Avoid usage of any of the above command ID values.

**Response****21**

**Explanation** An invalid command ID value was detected. One of the following explanations or subcodes is provided:

- The command ID value specified with the GET NEXT option of an L1/L4 command was not found.
- The command ID value was not found and the L3/L6 call was not an initial call.
- The command ID value specified for the L3/L6 command was assigned to another L2/L5 or L9 command.
- The command ID value specified for the L9 command was assigned to another L2/L5, L3/L6 or L9 command.
- An invalid global format ID was specified.
- The command ID is already present in the format pool, but for another file.

1: The command ID value was not found in the sequential command table. Either this is not an initial call and there was no previous initial call, or the initial call was issued for another file.

6: The command ID value specified for the S8 command was not found.

7: The command ID value specified was assigned to an internal format buffer for a different file.

8: The command ID value specified for the S8 command is for an unsorted ISN list.

9: An application running with PREFETCH=YES or PREFETCH=OLD attempted to dynamically reverse the read direction of an L3/L6/L9 command. This is not allowed.

**Response****22**



**Explanation** The command is invalid. A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field.

When using the LNCSTUB module, this response code may indicate problems with the initial call (IC) to the Adabas CICS command-level link component. If the Adabas control block shows a command code of "IC", the link routine being used may not be at the proper release level or may not be the command-level version.

The following are the subcodes and their meanings:

1	The nucleus detected an invalid command code. <i>Action:</i> Correct the command code, and rerun the program.
2	This command cannot be issued by an ACC (access only) user.
3	This command cannot be performed on a read-only nucleus.
4	This privileged command was issued without a previous OP (open) command.
5	The command is not valid for a nonprivileged user.
6	The command was rejected by user exit 1.
7	Incorrect command options were specified for a privileged command.
8	The command is invalid for an ET user in preliminary ET status. First complete the transaction using Adabas Transaction Manager.
9	The current user is not authorized to issue an ET/BT command.
10	The C2 command is no longer permitted.
11	The C3 command can only be issued by EXU users.
12	The L1/4 command with the option "F" is not valid for expanded files.
13	The call issued is not permitted when the database is in a suspend state.
14	Invalid privileged command.
15	An L1 command specified the multifetch option "M" or "O" combined with either the "I" or "N" option.
16	The user does not have "privileged" command authorization.
17	Not permitted during online save.
18	Applications using the ADALNK X'48 call logic receive this response when the logic has been suppressed.
21	ET command is invalid for a distributed transaction managed by Adabas Transaction Manager.
22	The current transaction has already been heuristically terminated.
23	BT command is invalid for a distributed transaction managed by the Adabas Transaction Manager.
24	CL is invalid because the user has a transaction in progress that is managed by Adabas Transaction Manager.
25	A command was sent from an Event Replicator Server to an Adabas nucleus, but the Adabas nucleus is not running with ADARUN REPLICATION=YES.
26	An attempt was made by an Adabas nucleus to connect to an Event Replicator Server when the target of the message is actually another Adabas nucleus, not an Event Replicator Server.
28	A replicated utility may not be executed for a replicated file when the Adabas nucleus is running in single-user mode.
29	An error occurred during a connection attempt by an Event Replicator Server database. Ensure that you are trying to connect to another Adabas nucleus and not an Event Replicator Server and try again.
32	An attempt was made to update a replicated file in single-user-mode. Replicated files can be updated only in multi-mode; replication is not supported in single-mode. However, a nucleus with replication support can be started in single-mode for maintenance purposes.
50	The Router (LCC) detected an invalid command code. This may also arise when a new ACBX-type call is presented to a back-level router.

**Response 23**

**Explanation** An invalid starting ISN was specified for an L2/L5 command sequence:

- The ISN was not assigned to a record in the file; or
- The ISN was greater than the MAXISN in effect for the file.

**Response 24**

**Explanation** S9 command:

- The ISN list in the ISN buffer was already sorted; or
- The ISN list in the ISN buffer contained an invalid ISN; or
- The "D" option was specified when trying to sort an ISN list by ISN.

**Response 25**

**Explanation** The ISN specified in ISN lower limit field for an S1/S4 or S2/S9 command was not found.

**Response 26**

**Explanation** An invalid ISN buffer length for an S9 command was detected. The number of ISNs to be sorted as provided in ISN quantity is equal to 0.

2	An S9 command with an ISN buffer contains ISNs that are higher than the TOP-ISN of the file.
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**Response 27**

**Explanation** Sufficient work space was not available to accommodate the combined sizes of the search and value buffers as indicated in the search buffer length and value buffer length fields.

1	Sufficient work space was not available to generate the format translation.
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**Response 28**

**Explanation** The first two bytes of the Additions 1 field contained an invalid descriptor for an L3/L6 or S2/S9 command:

- the Additions 1 field contained a descriptor different from that contained in the search buffer; or
- the field was not a descriptor; or
- the descriptor was changed between successive calls; or
- the descriptor is contained within a periodic group.

**Response 29**

**Explanation** L3/L6 command; a value repositioning was attempted (bytes 3-4 of the Additions 1 field contain spaces) and the Command Option 2 field did not contain the value "V". The command ID is released.

**Response 34**

**Explanation** An invalid command option has been detected.

**Action** Either remove the invalid command option or replace it with a valid option.

**Response 35**

**Explanation** The user/DBA attempted to perform a function for a noncluster Adabas nucleus that is available only for an Adabas cluster database.

**Response 40**

**Explanation** One of the following syntax errors was detected in the format buffer:

- The terminating period was missing.
- The first position contained a period.
- Length and/or format was specified with a range definition.
- An invalid element was detected.
- The L9 descriptor name in the search buffer did not agree with the name in the format buffer.
- Format 'C.' was specified for an update command.
- Subcode 9: Selective format not allowed with multiple buffers

**Response 41**

**Explanation** One or more specification errors exist in the format buffer. When possible, the short name of the field for which the error occurred is stored at offset 2 of the ACB's Additions 2 field or in the ACBX's Error Character Field (ACBXERRB). The following specification errors may have been made:

1	A phonetic descriptor or hyperdescriptor was specified.
2.	A field specification error occurred: <ul style="list-style-type: none"> <li>● The specified field name is reserved for edit masks.</li> <li>● The field is not in the selected file.</li> </ul>
3	An indexing error occurred: <ul style="list-style-type: none"> <li>● No index was specified for a periodic-group name or field.</li> <li>● A group or multiple-value field index greater than the allowed maximum was specified. In Adabas versions prior to Version 8, this maximum is "191"; in Adabas version 8 or later, this maximum is "65,534".</li> <li>● The specified index was zero (0).</li> <li>● The specified index range is descending.</li> <li>● Indexes are missing for some of the multiple-value fields specified.</li> <li>● A reference to a multiple-value field count is missing an index.</li> </ul>
4	A periodic-group error occurred: <ul style="list-style-type: none"> <li>● A reference to a periodic group is missing an index.</li> <li>● The command specified a group containing a multiple-value field.</li> <li>● A periodic-group reference specifies a length/format.</li> <li>● No index was specified in a periodic-group reference.</li> </ul>
5	A group error occurred: a group reference specified a length/format.
6	A multiple-value field error occurred: <ul style="list-style-type: none"> <li>● A count was specified for a non-multiple-value field.</li> <li>● The methods for indexing multiple-value fields were mixed. Only one type of indexing can be used in the format buffer.</li> </ul>
7	The descriptor name not found in FDT/SDT.
8	A length indicator ( <i>fldL</i> ) or asterisk notation ( <i>fld,*</i> ) is not allowed for field <i>fld</i> (for example, when <i>fld</i> is a superdescriptor or subdescriptor field)
9	1-N or x-N range notation is not permitted for elementary large object (LB) fields in a periodic group.
10	An LB field is not permitted in an L9 command.
11	A length indicator ( <i>fldL</i> ) or asterisk notation ( <i>fld,*</i> ) is not allowed for field <i>fld</i> (for example, when <i>fld</i> does not have the LA or LB option)
12	The old MU syntax is not allowed for LB fields.
13	A length indicator ( <i>fldL</i> ) or asterisk notation ( <i>fld,*</i> ) is not allowed with a count indicator ( <i>fldC</i> ) or field range (for example, AA-ZZ)
14	The length indicator ( <i>fldL</i> ) and asterisk notation ( <i>fld,*</i> ) are not allowed together (for example, <i>fldL,*</i> )
15	A length indicator ( <i>fldL</i> ) or asterisk notation ( <i>fld,*</i> ) is not allowed with a significance operator (for example, <i>fldS</i> ).

**User Action:** Correct the specification error and reissue the command or job. For more information about syntax rules for multiple field and periodic group indexing, refer to the Adabas Command Reference documentation.

**Response 42**

**Explanation** A space problem occurred. The following are the subcodes and their meanings:

1	The Work pool was too small to store a user format. <i>Action:</i> Increase the LWP specification and retry .
2	The internal format buffer was too small to store a user format (translated into internal structure). <i>Action:</i> Increase LFP specification and retry.

**Response 43**

**Explanation** L9 command; the descriptor specified in the format buffer did not agree with the descriptor specified in the search buffer.

**Response 44**

**Explanation** One of the following format buffer errors occurred (subcodes are shown in the leftmost column):

1,3	The format buffer specification was invalid (conditional format buffers are not allowed for update operations).
2,4	The L9 command's format buffer format is not allowed for other commands.
5	The L9 command specified a conditional format in the format buffer.
6	A floating-point field was addressed using a length other than 4 or 8; or a fixed-point field was addressed using a length other than 4.
7	Conditional format and more than one format buffer was specified.
8	The current Adabas call provides a different number of format buffers than the format reference by CID.

**Response 45**

**Explanation** The internal format buffer space has been exceeded. Either the LWP parameter setting is too small or the internal format buffer requires more than 2 G.

Increase the size of the LWP parameter and try again. If the problem persists, contact your Software AG technical support representative for assistance.

**Response 46**

**Explanation** The maximum value for the NQCID parameter was exceeded (the number of TBI and/or TBQ elements is greater than NQCID).

**Response  
47**

**Explanation** The maximum value for the NISNHQ parameter was exceeded. This value is 1/4 the ADARUN NH parameter value up to 65535.

**Response  
48**

**Explanation** An error occurred during the processing of a command such as OP or N1. Refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field.

1	A specified file is locked against the requested use.
2	A specified file is currently in conflicting use.
3	A utility cannot start because an online save operation is in progress.
5	A utility requiring exclusive database control cannot start because an online save operation is in progress.
6	A utility that requires exclusive database control cannot start because the user queue is not empty.
8	The user ID specified in the open command is already in use by another user.
9	An EXU/EXF/UTI lock was requested in the open command, but the file is currently in the file list of a user in UPD/EXU/EXF/UTI status.
10	An EXF/UTI lock was requested in the open command, but the file is currently in the file list of a user in ACC status.
11	A nonprivileged user issued an open command to a nucleus in UTIONLY status.
13	Online file save attempting to run on an advance-locked file.
14	UPD/ACC open attempted against advance-locked file.
15	A file requested for an online utility (Adabas Online System or ADADBS) or an E1 program refresh is currently being used.
16	ACODE or WCODE was specified in the record buffer on the command but the nucleus was not activated with UES support.
17	A specified file is locked against the requested use and is advance-locked.
18	A second command was issued by a user who is participating in a two-phase commit (preliminary ET completed; final ET outstanding) or whose transaction has been heuristically terminated.
19	The file number is zero or is greater than the maximum number of files allowed for the database (based on the MAXFILES parameter setting when the database was defined using the ADADEF utility).
20	A regenerate/backout with exclusive database control is rejected because there are in-doubt transactions or heuristically terminated transactions on Work part 4.
21	File is locked for utility usage.
25 - 30	Reserved for Adabas Transaction Manager. These subcodes are given only when Adabas Transaction Manager is in use. Please see the <i>Adabas Transaction Manager</i> documentation for more information.
31	File locked for normal usage
32	A file is in use by an exclusive update (EXU) user. An update request from another user is not permitted.
33	A file is locked for exclusive file control (EXF) or utility update (UTI) usage. The request from a user with a different type is not permitted.
257 - 260	Reserved for use by Event Replicator for Adabas on open systems.



**Response  
49**

**Explanation** The compressed record was too long. It exceeds the maximum permitted compressed record length for the file. The following subcodes may be indicated:

1	Multiple-value (MU) field.
2	Periodic (PE) group field.
3	MU field.
4	PE group.
5	PE group level.
6	Remaining fields.
7	Record too long for protection logging (internal error).
8	A compressed record exceeds the permitted length. The error was detected when updating a multiple field.
10	Long alpha or wide field.
14	An MU update caused the compressed record to become too long.
15	An MU update caused the compressed record to become too long.
16	An MU update caused the compressed record to become too long.
18	An update to an LA field caused the compressed record to become too long.

**Response 50**

**Explanation** A syntax error in the record buffer was detected during processing of an OP command.

**Response 51**

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

**Response****52**

**Explanation** One of the following errors occurred while processing the record, value, or search buffer. In an ACB, the rightmost two bytes of the Additions 2 field contain the subcode; for subcodes 1-5, the leftmost two bytes contain the Adabas name of the field where the error occurred. In an ACBX, the subcode is stored in the Error Subcode (ACBXERRC) field; for subcodes 1-5, the Adabas field name where the error occurred is stored in the Error Character Field (ACBXERRB).

1	Invalid packed or unpacked decimal value in record buffer.
2	Invalid length for variable-length field specified in record buffer.
3	Invalid null value or no value at all provided for field with NN option.
4	Invalid value for S element in record buffer.
5	Invalid value for S element in value buffer.
6	Encoding a collation descriptor value failed: the collation descriptor exit issued a return code.
7	Decoding a collation descriptor value failed: the collation descriptor exit issued a return code.
99	An invalid field length was specified.

**Response**  
53

**Explanation** One of the following errors occurred (the leftmost column indicates the subcode):

0	<p>The record buffer is too small.</p> <p><i>Action:</i> If the record buffer size</p> <ul style="list-style-type: none"> <li>● conflicts with the lengths specified in the format buffer, change either the record buffer size or the format buffer specifications to resolve the conflict.</li> <li>● conflicts with the established global format ID (GFID), either release the GFID or change the record buffer size to match the GFID.</li> <li>● default is too small to hold the records in the file including the DVT when running the ADAULD utility, increase the size of the record buffer by setting the ADAULD LRECL parameter. See the Adabas Utilities documentation for more information.</li> </ul>
2	<p>The ISN buffer is too small.</p> <p><i>Action:</i> Increase the size of the buffer.</p>
7	<p>At least one of the record buffers was too small for the data defined in the corresponding format buffer. EDEERE contains the buffer number in error.</p>
8	<p>The referenced existing format buffer requires more space than that given in one of the record buffers.</p> <p>If this subcode occurs using ADACMP DECOMPRESS, the LRECL of the output record is too small.</p>
249	<p>This subcode is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.</p>

**Response 54**

**Explanation** The record buffer for a C3, C5, or ET command is too long. The maximum allowed is 2048 bytes. The following subcodes (in hexadecimal) may be indicated:

1	The record buffer for the C3 command is too long.
2	The record buffer for the C5 command is too long.
3	The record buffer for the ET command is too long.

**User Action:** Correct the record buffer specification, then reissue the C3, C5, or ET command.

**Response**  
55

**Explanation** One of the following occurred:

- During a read-type operation, a field defined with the SQL null (NC) option contained a null value, but the format buffer held no "S" (significant null) indicator for the field.

In an ACB, the Additions 2 may contain the field name in the leftmost two bytes; the rightmost two bytes may contain the offset into the record buffer. In an ACBX, the Error Character Field (ACBXERRB) may contain the field name; the Error Offset in Buffer (ACBXERRA or ACBXERRG) fields may contain the offset into the record buffer.

- Attempted format conversion was not possible due to incompatible data formats or other compatibility problems.

In an ACB, the Additions 2 will contain the field name in the leftmost two bytes; the rightmost two bytes will contain the offset into the record buffer. In an ACBX, the Error Character Field (ACBXERRB) will contain the field name; the Error Subcode (ACBXERRC) field will contain the subcode.

0	Conversion error on record decompression.
1	Invalid conversion between formats.
2	Invalid length for fixed encoding. For example, user encoding Unicode with code-point size of 2 bytes and no even length specified.
4	Conversion error of a floating-point field (underflow) when converting to/from a non-IBM floating-point format.
5	Format conversion of field with NV option is not allowed.
6	An invalid length was specified ( for example, a wide character field in Unicode encoding must have an even length).
7	Invalid conversion between formats (different case than subcode 1).
8	Conversion error of a floating-point field (overflow) when converting to/from a non-IBM floating-point format.
n	Data between user and system data representation could not be converted without error and 2-byte error code from ECS.
254	Numeric field length in format shorter than the field length in the FDT.
255	Field length exceeded maximum for variable fields.

Entire Conversion Service (ECS) error codes are described in *Entire Conversion Service (ECS) Errors*, elsewhere in the Adabas Messages documentation.

**Response 56**

**Explanation** One of the following occurred:

.	The descriptor value was too long; or
n	The collation value exceeded the maximum 253 bytes. The subcode "n" is the collation descriptor exit number.

**Response 57**

**Explanation** L9 command; the descriptor specified in the search buffer or in the Additions 1 field was invalid, or the descriptor was not specified.

**Response 58**

**Explanation** The format could not be found (as defined within format selection criterion).

**Response 59**

**Explanation** Format conversion of a subfield is not possible. The source field has "F" or "G" format.

**Response****60**

**Explanation** A syntax error was detected in the format or search buffer. Generally in an ACB, the first two bytes of the Additions 2 field contain the two characters under inspection when the error was detected and the rightmost two bytes of the Additions 2 field in the ACB contain one of the following subcodes. In an ACBX, the Error Character Field (ACBXERRB) contains the two characters under inspection when the error was detected and the Error Subcode (ACBXERRC) field contains one of the following subcodes.

1	Format buffer length is invalid.
2	Invalid syntax element in the search buffer.
3	Missing start/ending apostrophe for literal value.
4	Literal of zero bytes.
5	Invalid delimiter or missing period.
6	Missing close parentheses ")".
7	Empty criterion: soft coupling or conditional format.
8	Invalid second character in a "FN" definition.
9	Edit mask number greater than 15.
10	Invalid character following field name specification.
11	Invalid form of case ABN(XXX)/ AB3(XXX)/ AB3-6(1-4).
12	More than 8 digits for a numeric value is not permitted.
14	Invalid L element definition.

**Response****61**

**Explanation** An error was detected in the search buffer. One of the following subcodes may also be included with this response code:

Subcode	Meaning
3	An invalid logical operator was specified for an S8 command - Command Option 2.
7	<p>This subcode indicates that one of the following errors occurred:</p> <ul style="list-style-type: none"> <li>● The length of a descriptor value was greater than 253.</li> <li>● Invalid file number specification.</li> <li>● Invalid selection criteria for an Event Replicator for Adabas initial-state definition.</li> <li>● Invalid usage of the "S" or "N" operator.</li> <li>● The element order was invalid.</li> <li>● The specified field was not a descriptor.</li> <li>● The specified field has the "LA" option active.</li> <li>● A descriptor contained in a periodic group was specified without an index.</li> <li>● Invalid connection of partial criteria or different indices were used for a descriptor contained within a periodic group.</li> <li>● Invalid periodic group index.</li> <li>● Invalid or disallowed use of a phonetic descriptor.</li> <li>● A descriptor derived from or contained in a periodic group is not allowed.</li> <li>● The FROM-TO operator was specified with a phonetic descriptor.</li> <li>● Invalid FROM-TO range specification, or the FROM value was greater than the TO value.</li> <li>● The BUT-NOT value was outside the range of the preceding FROM-TO range.</li> <li>● An invalid command option was specified for ISN LIST processing (S8 command).</li> <li>● The search buffer "S" significant null indicator was specified with a value operator other than "EQ" (equals), which is not allowed.</li> </ul>
8	An invalid FROM-TO range was specified. The BUT-NOT value was outside the range of the preceding FROM-TO value.
9	An invalid search criteria was specified.

**Response  
62**

**Explanation** One of the following has occurred:

- The length of the search and/or value buffers as specified in the search and value buffer length fields, respectively, was not sufficient to accommodate the search criteria specified.
- The first character in the search buffer was a "."
- The search buffer does not contain a "."

**Response 63**

**Explanation** The command ID value specified in the search buffer was not found.

**Response  
64**

**Explanation** This response code is used for communication with Adabas utilities and Adabas Online System (AOS), and was returned for one of the following reasons:

- The requested function cannot be performed on Adabas system (including checkpoint and security) files. Refer to the ADAREP output report for a list of the system files, or to the subcodes in the job output for more information.
- An error occurred in an AOS or utility function. For AOS, a subcode is displayed in the error message, following the AOS module number. For utility functions, the subcodes are described within the message text.

**Action** If you do not understand the action to take for a response code 64 and/or subcode, note the subcode and the function that caused the response code, and call your Software AG technical support representative for assistance.

**Response 65**

**Explanation** An internal error occurred. The nucleus detected a space calculation error.

**Response  
66**

**Explanation** An incompatible owner ID was detected during an update operation on a multiclient file. The owner ID may be blank, or too long.



**Response 67**

**Explanation** One of the following errors occurred:

.	An internal error occurred while executing an Sx command.
2	An error occurred during superfield generation.

**Action** Retain all related information, and contact your Software AG technical support representative for assistance.

**Response 68**

**Explanation** A nondescriptor field was used as a search criterion, and the non-descriptor search facility has been set "OFF" (the default for this facility is "ON").

**Action** The ADARUN parameter NONDES has been set to reject non-descriptor searches; either reset the NONDES parameter to its default value, or remove non-descriptor searches from your application. Natural provides a trace facility which locates such Natural application characteristics. Contact Software AG for details.

**Response 70**

**Explanation** An overflow occurred in the table of sequential commands.

**Action** The DBA may increase the value used for the LQ parameter and/or RC commands may be used.

**Response 71**

**Explanation** An overflow occurred in the table of resulting ISN lists.

**Action** The DBA may increase the value used for the LI parameter and/or RC commands may be used.

**Response 72**

**Explanation** One of the following errors occurred:

7	An overflow occurred in the user queue.
8,9	An overflow occurred in the user queue file list pool.

**Action** The DBA may increase the value used for the NU parameter.

**Response****73**

**Explanation** An overflow occurred in the section of the Work data set in which resulting ISN lists are stored.

**Action** The DBA may increase the size of the Work data set and/or the number of saved ISN lists during an Adabas session may be decreased.

**Response****74**

**Explanation** No space was available on the Work data set for complex find commands.

**Action** Increasing the size of the Work data set alone will not solve this problem. Instead, set the value of LWKP2 (WORK-PART-2) to a higher value than the calculated one (whatever that might be). Then increase the size of the Work data set to ensure there is sufficient space for WORK-PART-3.

**Response****75**

**Explanation** Attempts to allocate additional logical file extents for a file were issued, but the maximum that can be handled by the FCB have already been allocated. BT or autorestart could cause the file to be locked because of inadequate extent space (see response code 48).

**Action** Ask the DBA for assistance; Associator or Data Storage extents may have to be reallocated.

**Response 76**

**Explanation** An overflow occurred in an inverted list index (the maximum is 15 levels).

**Response**  
77

**Explanation** Sufficient space was not available for a required Associator or Data Storage extent. The following subcodes further define the error:

1	FST empty.
2	AC START RABN not available.
3	AC END RABN not available.
4	FST will not fit into five ASSO blocks.
5	FST exhausted trying to allocate AC extent.
6	ASSO space allocation RABN not on device.
7	ASSO space on required device not available.
8	FROM RABN available, but contiguous space is not sufficient.
9	Data Storage space of the requested size is not available.
10	Data Storage space on the same device as the previous extent is not available.
11	FST is empty, or data storage for the current MAXRECL value is not available.
12	FST empty.

**Response 78**

**Explanation** The cause of this response is indicated by one of the following subcodes:

1	The AC file cannot be increased; only one file extent is permitted.
2	The file contains more than either 4 billion or 16 MB of ISNs, depending on the ISN length.

**Action** If the file has reached the 16-MB limit, you might convert it to a file with the 4-byte ISN option or to an expanded file.

**Response**  
79

**Explanation** A collation descriptor exit or hyperexit error occurred. The following table describes the possible subcodes for this response code and their meanings:

1	Either a collation descriptor exit (subcode 'CDX' <i>n</i> where <i>n</i> is the one-byte binary collation descriptor exit number) or a hyperdescriptor exits ("hyperexit") was not specified ADARUN.
5	The hyperexit stub was called for an extended MU/PE file.
6	Improper use of the parameter list was detected by the Hyperexit Stub. The most likely reason is that a hyperexit using the Adabas 8 parameter structures is linked to the Hyperexit Stub.
7	The Hyperexit Stub could not resolve the HEXOLD external reference.
8	Improper use of the parameter list was detected. The second word of the parameter list was modified.
9	A hyperexit did not return an output parameter area address.
10	A hyperexit rejected the call by setting a nonzero return code in the output parameter header.

**Action** The following table describes the actions you should take for each possible subcode for this response code:

1	Reissue ADARUN with the CDX $nn$ or HEX $nn$ parameter. For more information about ADARUN parameters, read <i>Adabas Initialization (ADARUN Statement)</i> , in <i>Adabas Operations Manual</i> ; for more information about user exits and hyperexits, read <i>User Exits and Hyperexits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
5	The Hyperexit Stub may not be used with extended MU/PE files. For more information about hyperexits, read <i>User Exits and Hyperexits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
6,7	Investigate the Hyperexit Stub link job. For more information about hyperexits, read <i>User Exits and Hyperexits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
8	A likely cause of the error is that a pre-Adabas 8 hyperexit was called without a linked Hyperexit Stub. For more information about hyperexits, read <i>User Exits and Hyperexits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
9	Hyperexits must return an output parameter area address upon return. For more information about hyperexits, read <i>User Exits and Hyperexits</i> , in <i>Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual</i> .
10	Investigate the hyperexit to determine why the call was rejected.

**Response 82**

**Explanation** A hyperexit routine returned an invalid ISN.

**Response 83**

**Explanation** Hypertable overflow.

**Response 84**

**Explanation** Too many values were present for a subdescriptor or a superdescriptor.

**Response 85**

**Explanation** Too many descriptor values were present for an update or add record command.

**Response 86**

**Explanation** A hyperdescriptor exit return error occurred for one of the following reasons:

- An incorrect sign for a packed descriptor value was created.
- A value with an incorrect length byte was returned.
- The ISN was changed by an update command.

**Response 87**

**Explanation** The Adabas buffer pool is locked; it is too small to accommodate all blocks needed for (parallel) command execution.

**Action** Check the length of the buffer pool (LBP) as follows:

1	Check the LBP value with DPARM.
2	Increase the ADARUN LBP parameter value;
3	Retry the operation. If the error recurs, call your Software AG support representative for assistance.

**Response  
88**

**Explanation** This response code generally occurs when there is a workpool (LWP) shortage. When this response code occurs, refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. This subcode describes what kind of operation encountered the error.

The following table describes the subcodes and provides recommended actions.

Subcode	Operation Encountering the Workpool Shortage	Action
1	Only active command is waiting for workpool space.	Increase the ADARUN LWP setting and try again.
	During session autorestart, insufficient workpool or user queue space was encountered.	Increase ADARUN LWP and NU parameter settings and try again.
2	Only active command is waiting for workpool space.	Increase the ADARUN LWP setting and try again.
3	A command waiting for workpool space was interrupted for transaction backout.	
4	A1 command	
5	E1 command	
7	Superfield value generation	
8	N1 command	
9	OP command	
10	Descriptor value generation	
11	Hyperdescriptor value generation	
12		
13	Subdescriptor value generation	
15	DTP=RM: A getmain error during Work-Part-4 initialization.	
16	Hard-coupled file update processing encountered a workpool shortage.	
17	A session autorestart encountered a workpool shortage.	
22	Online reorder by descriptor	
23	Online invert	
24	Work I/O buffers for session autorestart in cluster (offline/online recovery)	
25		
80	Spanned record processing	
96	Internal command queue full	
98	Cluster with DTP=RM: Recovery of distributed transactions encountered a workpool shortage.	
99	ET command with P-option	
	Descriptor value generation for multi-client file	
	Single-user mode: Command initialization	
	Replication: Setup of initial-state process	
	DTP=RM: Insufficient user queue space during Work-part-4 initialization	Increase the ADARUN NU setting and try again.

**Action** Review the actions described in the table above.

**Response 89**

**Explanation** The UQE was already in use, and an attempt was made to execute two commands at the same time for the same user.

**Response 94**

**Explanation** An I/O error occurred on DDWORKR4.

**Response 95**

**Explanation** An I/O error occurred on the Work LP area.

**Response 96**

**Explanation** An error occurred during ADARES REPAIR utility execution.

2	An I/O error occurred during nucleus termination; Additions 2 may contain RABN.
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**Response 97**

**Explanation** An I/O error occurred during buffer flush. Additions 2 may contain RABN.

**Response 99**

**Explanation** An I/O error occurred.

**Response 101**

**Explanation** An error has occurred using one of the client-based Adabas add-on products such as Adabas System Coordinator, Adabas Fastpath, Adabas Vista, Adabas Transaction Manager, or Adabas SAF Security.

- Subcodes 1-20 are generated by Adabas Fastpath.
- Subcodes 21-69, 32766 and 32767 are generated by Adabas System Coordinator.

Please refer to the documentation for the appropriate add-on product for further information on subcodes and console messages that can help you resolve the error.



**Response 102**

**Explanation** Space calculation error.  
**Action** Retry the open operation.

**Response 106**

**Explanation** The prefetch table record buffer specified in the UCB is too small.

**Response  
107**

**Explanation** Either a GETMAIN error occurred or there was insufficient space when performing prefetch. Prefetch is switched off.

**Response 109**

**Explanation** The specified command ID is already active on another database for this user.

**Response 110**

**Explanation** The command ID pool is full.  
**Action** Increase the size of either or both the ADARUN NQCID or NU parameters.

**Response  
113**

**Explanation** The specified ISN was invalid because one of the following occurred:

- An HI command was issued with ISN less than MINISN.
- An N2 command was issued with ISN equal to 0 or larger than the MAXISN in effect for the file.
- An N2 command was issued and the specified ISN was assigned to another record in the file.
- An A1, L1/L4, E1, or S1/S2/S4 (with FB) command was issued for a nonexistent ISN.
- An N1/N2 command tried to access a file protected by security-by-value, but the command user is not authorized to access the file.
- A read or update command tried to access a multiclient file's record using either a blank or incorrect-length owner ID, or an owner ID that does not apply to the record.
- Subcode 249 is given only when Adabas Vista is in use. Refer to the Adabas Vista documentation for more information.

**Response  
114**

**Explanation** A refresh file error occurred. One of the following subcodes may be present:

Subcode	Description
1	A file refresh is not permitted for the file (PGMREFRESH=NO) or the command ID field (ACBCID or ACBXCID) is not all blanks.
2	The user has not completed transactions to the file. Updates have been performed or records are still in hold, but the user has not issued an ET or BT command to commit or back out the updates.
3	Other users are accessing or updating the file. This is determined by the user access or update counts available internally to Adabas.
4	The file is a multiclient file and the user is not a superuser.

**Response  
123**

**Explanation** An error was reported by the Adabas cluster messaging service on the sender’s side. The message was not sent. One of the following subcodes may be present:

Subcode	Description
4	No valid destination(s)
8	Too many destinations
12	Invalid message type
16	Invalid environment
20	Send buffer length exceeded
24	Receive buffer length exceeded
28	No replies or acknowledgment(s) before the message timed out. For more information about the timeout value, refer to descriptions of the ADARUN MXMSG parameter.
32	Unable to allocate AXMCB
36	Timed out on originating system
40	Timed out on destination system
44	Cancelled on destination system
48	Receive error on destination system
52	Unable to allocate buffer
80	Messaging is inactive
96	Terminate member unsuccessful
128	Other transport service error

**Action** If you are unable to resolve the problem, contact your Software AG technical support representative.

**Response  
124**

**Explanation** An error was reported by the Adabas cluster messaging service on the receiver’s side. The message was sent. One of the subcodes described for response code 123 may be present.

**Action** If you are unable to resolve the problem, contact your Software AG technical support representative.

**Response  
125**

**Explanation** An internal error occurred when one cluster nucleus attempted to issue an internucleus command to one or more of the other cluster nuclei. This condition usually leads to abnormal termination.

**Action** Contact your Software AG technical support representative.

**Response  
126**

**Explanation** A messaging error occurred during internucleus communication:

- The nucleus did not respond within the allotted time (see the ADARUN MXMSG parameter); or
- One or more problems occurred in what could be a broadcast; that is, a communication with multiple targets. In this case, each individual ACB contains either response code 0 or 123 or 124.

**Action** If you are unable to resolve the problem, contact your Software AG technical support representative.

**Response  
129**

**Explanation** In an Adabas cluster environment, the user attempted to perform an Adabas function that is not yet supported by Adabas cluster nuclei.

**Response**  
**130**

**Explanation** An error identified by one of the following subcodes occurred in an Adabas sysplex cluster environment:

Subcode	Description
1	A user table entry (UTE/PLXUSER) was not found in the MPM 8 call. This may indicate that a command was directed to an Adabas Cluster Services or Adabas Parallel Services nucleus ID (NUCID), not the DBID.
2	A user table entry (UTE/PLXUSER) was not found in the MPM 12 call.
3	A command queue entry (CQE) was not found in the MPM 8 call.
4	An intermediate user buffer (IUB) was not found in MPM 8 call.
5	An Adabas control block not found in MPM 8 call.
6	An invalid UTE/PLXUSER was found on the nucleus chain .
7	An invalid UTE/PLXUSER was found on the user chain add.
8	An invalid UTE/PLXUSER was found on the "lura" chain (that is, the linked list of UTEs representing local users remotely assigned) delete.
23	An invalid CQE was found.

**Action** For subcode 1, correct the application program attempting to issue commands using the NUCID. If that is not the case, or for other subcodes, contact your Software AG technical support representative for assistance.



**Explanation** This response code indicates that an error occurred while Adabas was reading or updating a *LOB file*. The subcode indicates the kind of error.

If the subcode is less than 256, it is the same as the original response code that occurred during LOB file processing. The most likely subcodes are listed in the table below. For subcodes not listed, see the description of the Adabas response code with the same value.

If the subcode is greater than 256, it signals an error condition unique to the processing of LOB files. These subcodes are listed in the table below.

Subcode	Description
8	A LOB file operation was aborted due to a pending backout of the user's command or transaction. One reason for this backout may be that the user's transaction occupied too much space on the protection area on the Work data set (see response code 9, subcode 15).
17	The LOB file is not loaded.
48	The LOB file is locked for exclusive read or update by another user.
65	An internal error in the work pool space calculation occurred for LOB file processing.
113	A LOB file segment record was not found in the Address Converter element referred to by the LOB file index. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB file read operation.
145	An attempt failed to put a LOB file segment record on hold for a user, because it was already held by another user. This subcode indicates illegal update contention for the same large object field value. The base file-LOB file pair is possibly inconsistent.
165	The LOB file descriptor is not found in the index; The LOB file index is bad.
172	An ISN in the LOB file index is bad. The LOB file may be physically inconsistent.
175	The descriptor value in a LOB file segment record differs from the descriptor value in the LOB file index. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB file read operation.
177	A LOB file segment record was not found in the Data Storage block referred to by the Address Converter. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB read operation.
257	An error in the base file-LOB file linkage exists; a file with LB fields is not really the <i>base file</i> of the <i>LOB group</i> .
258	An error in the base file-LOB file linkage exists; the file linked to the base file of a LOB group is not really a LOB file.
259	An error in the base file-LOB file linkage exists; the LOB file linked to a base file of a LOB group refers back to a different base file (or none at all).
260	An error in the base file-LOB file linkage exists; either no LOB file was linked to a base file or the LOB file number is invalid.
261	The LOB file has been left in an inconsistent state by an aborted utility execution.
262	An LB field length element specification error occurred in the format buffer ('xL, 4, B' was expected).
263	An invalid LOB file segment descriptor was encountered. The set of LOB file segment records associated with one LB field value is inconsistent. Either the LOB file is bad or an illegal concurrent LOB file update occurred during the LOB file read operation.
264	An invalid LOB file segment record was encountered. The contents of a LOB file record are inconsistent. The LOB file is bad.
265	The length of an LB field value in the LOB file differs from the length stored in the associated base file record. Either the base file and the LOB file are out-of-sync or an illegal concurrent LOB file update occurred during the LOB file read operation.
266	A bad LB field value reference was encountered in a base file record. The base file is bad.
297	A planned feature for large object (LB) fields (for example, character code conversion of LB field values) is not yet supported.
298	Too many (more than 32,767) LB field occurrences were specified in the format buffer.
299	An internal error occurred due to LOB file processing.

**Response**  
**133**

**Explanation** An error was detected when an attempt was made to replicate a compressed record. The subcode identifies the kind of error.

Subcode	Description
1	The function is not permitted for this type of file. The file is a LOB-file.
2	The compressed input record length is invalid .
11	The record structure is invalid.
12	An invalid elementary empty field was encountered. The structure does not agree with the FDT definition.
13	An invalid multiple-field count was encountered.
14	An invalid periodic group count was encountered.
15	An invalid structure of an elementary field was encountered.
65	A space calculation error occurred.

**Response**  
**144**

**Explanation** One of the following occurred:

- The ISN specified with an update (A1) command was not in hold status for the user, and Command Option "H" was not specified.
- An ET or BT command specifying the "M" (multifetch) option specified an ISN in the ISN buffer that is not in hold status for the user. All currently held ISNs are released from hold status.

**Action** If Adabas Transaction Manager is in use, verify that the setting for the Transaction Model parameter is appropriate for the program that was executing and is also appropriate for the runtime environment in use.



**Response  
145**

**Explanation** One of the following occurred:

- An N1/N2 command was issued, but no hold queue entry was available.
- A command was issued with the return option specified that attempted to hold an ISN already in the hold queue for another user. The command is not placed in "wait" status.

Use the subcode associated with this response code to further clarify why this response occurred.

Subcode	Description
0	N2 command for an existing ISN was issued.
1	Hold queue space problem detected. The user is the only active user and is running with the -R option.
2	The ISN was held by someone else. The read request is running with the -R option.
9	Two or more users became deadlocked while holding ISNs and attempting to put more ISNs in hold status.

**Response  
146**

**Explanation** An invalid buffer length was detected by the Adabas interface routine. If the command uses a classic ACB, the buffer is larger than 32,767. If the command uses an ACBX, the buffer is greater than 2,147,483,647, or the send length in the ABD is greater than the buffer length. The subcode identifies the buffer type:

Subcode	Buffer Type
1	Format buffer
2	Record buffer
3	Search buffer
4	Value buffer
5	ISN buffer
6	User information buffer
7	Performance buffer
8	Multifetch buffer

**Response**  
**147**

**Explanation** The ISN was invalid. The ISN transformation resulted in a negative ISN or an ISN greater than the maximum ISN permitted for the file.

Response  
148

# Overview of Messages

# Nucleus Response Codes

**Explanation** The Adabas nucleus was either not active, or not accessible. In an ACB, refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the Addition 2 field in an ACBX; refer to the binary subcode that appears in the Error Subcode (ACBXERRC) field.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Addition 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

The following are the decimal equivalents of the subcodes and their meanings:

Subcode	Description	Action
1	Exclusive database control requirement conflicts with read-only nucleus status.	Remove the READONLY=YES parameter setting for the nucleus and restart it.
2	A nonprivileged call was made to the nucleus while it was in utility-only (UTI) mode.	Remove the UTIONLY=YES parameter setting for the nucleus and restart it.
3	The nucleus is performing shutdown processing (an ADAEND operation) and will not accept new users or new transactions. Either a new user is attempting to begin operation or an existing user in ET status is trying to continue operation.	Wait for the nucleus to shut down, restart it, and reissue the command.
4	A utility with exclusive database control is running.	Either stop the utility or wait for its processing to complete (this is preferred) and try again.
5	A single-user nucleus could not start operation due to an error that could not be corrected.	Verify that single-user mode has been set up correctly and restart the nucleus.
8	A user is performing a logical ADALNK call. The IDT for the call has not been allocated.	On BS2000 systems, check the setting of the parameter accessed by the link name DPLMKAR or DECARD, or in the macro B2CONFIG of the module SSBRC. Also check the IDTNAME parameter of the database to be accessed.
50	At command completion RSP148 was set but without a subcode. This subcode is set to indicate the command was processed by the target.	Contact your Software AG support representative for assistance.
51	The command router found no suitable target. The target was determined not to be an Adabas Cluster Services or Adabas Parallel Services database.	Contact your Software AG support representative for assistance.
52	The command router found no suitable target. The target was determined to be an Adabas Cluster Services or Adabas Parallel Services database.	Contact your Software AG support representative for assistance.
53	The command router found a suitable target but the target became inactive while queuing the command.	Contact your Software AG support representative for assistance.
54	When the caller attempted to retrieve the results of a completed command the target was no longer active.	Contact your Software AG support representative for assistance.
55	The target became inactive while the caller was attempting to retrieve the results of a completed command.	Contact your Software AG support representative for assistance.
101201	Set in SVCCLU when a specifically designated local nucleus is not available for a physical call. The 201 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
101202	Set in SVCCLU when a specifically designated remote nucleus is not available for a physical call. The 202 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
103203	Target ID disagreement between IDTE and PLXNLC. The 203 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
104204	Unable to find PLXMAP matching an existing PLXUSER. The 204 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
105205	Entire Net-Work unavailable, can't route existing user to remote nucleus. The 205 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
106206	Entire Net-Work unavailable, can't route new user to remote nucleus. The 206 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
107207	No nucleus available for remote user. The 207 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
108208	Incorrect PLXMAP update received by LOCAL=YES nucleus. The 208 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
109209	An internal command used to synchronize across multiple nodes was received for an Adabas Parallel Services database. Such databases may execute on only one node. Depending on intersystem communications timing this may occur as a database is changed from Adabas Cluster Services to Adabas Parallel Services. Otherwise this is a logic error.	Contact your Software AG support representative for assistance.
110210	Unable to assign specified nucleus to remote user. The physical command arrived via Entire Net-Work for a specific nucleus, but the specified nucleus is on another system. Only one Entire Net-Work transmission is allowed. The 210 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.

**Response  
151**

**Explanation** A command queue overflow occurred.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

**Action** The DBA may increase the value for the NC parameter and/or the command may be issued when a lower level of command activity is in effect.

**Response 152**

**Explanation** The internal user buffer was not large enough to contain the user buffer areas.

**Action** The DBA should increase the value of the LU parameter.

**Response  
153**

**Explanation** A "CALL ADABAS" was issued by a user while a previous call for the user was still being processed.

**Response  
154**

**Explanation** A command was rejected because it resulted in a trigger being fired, but the queue is full at this time.

**Action** Retry the command.

**Response  
155**

**Explanation** A command resulted in a pre-command trigger being fired. The triggered procedure returned a nonzero command, so the command was not executed.

**Action** Check the Additions 4 field for the error returned from the procedure.

**Response  
156**

**Explanation** A command resulted in a post-command trigger being fired. The triggered procedure returned a nonzero command, indicating an unsuccessful execution of the procedure.

**Action** Check the Additions 4 field for the error returned from the procedure.

**Response  
157**

**Explanation** A command resulted in either a pre- or post-command trigger being fired; however, Adabas Triggers has been shut down with the option to reject all commands that result in a trigger being fired.

**Action** Determine the cause of the shut-down and resolve the problem. If rejection of commands is not the required action in such a situation, then set the error action field in the Adabas Triggers profile to halt or ignore.

**Response  
159**

**Explanation** The Adabas link module is missing or invalid. One of the following occurred:

- No Adabas link module is linked to the Natural nucleus and the Adabas link module specified in the Natural profile parameter ADANAME could not be loaded.
- (CICS only) The loaded Adabas link module is macro-level in a command-level only environment.

**Action** Check the setting of the Natural profile parameter ADANAME and/or provide the correct version of the Adabas link module in one of the current STEPLIBs.

**Response  
160**

**Explanation** Too many Associator and Data Storage blocks were marked as active in the buffer pool for a single command.

**Response 161**

**Explanation** The RABN chain in the header list of the Adabas buffer pool is invalid.

**Response 162**

**Explanation** No additional space is available for Adabas buffer pool header blocks.

**Response 163**

**Explanation** The RABN to be linked into the RABN header chain is already in the chain.

**Response 164**

**Explanation** Too many work areas were allocated for the command.

**Response  
165**

**Explanation** A descriptor name was either invalid or did not exist in the descriptor value table (DVT). For expanded files: the descriptor does not exist on all component files. In an ACB, the leftmost two bytes of Additions 2 may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name. If this occurred for an expanded file, check to see if there is an FDT mismatch between the components of the file.

**Response  
166**

**Explanation** An error was detected in an inverted list index. The cause may be damage in the Associator.

**Response 167**

**Explanation** The field in a coupled file does not exist or the coupled list is invalid.

**Response 168**

**Explanation** An internal command ID required during coupling processing was not found.

**Response  
170**

**Explanation** The Adabas RABN required for the command could not be located for one of the following reasons:

- The buffer segment was called with a RABN of zero.
- The specified RABN does not belong to this database and is invalid.

**Response 171**

**Explanation** The constant set used by Adabas could not be located.

**Response  
172**

**Explanation** An ISN was less than the MINISN or greater than the MAXISN setting in effect for the file.

**Response 173**

**Explanation** An invalid Data Storage RABN was detected.

**Response  
174**

**Explanation** For an L2/L5 command with start ISN, the Data Storage RABN stored in the address converter for the file is invalid.

**Response  
175**

**Explanation** An inconsistency was detected between the index and Data Storage.

This response code can be expected when reading a descriptor value for a ciphered file if an incorrect cipher code was used.

**Action** Run the check utilities (especially ADAICK and ADAVAL) against the file, and contact your Software AG technical support representative.

**Response  
176**

**Explanation** Either an inconsistency in an inverted list was detected or an internal error occurred during inverted list processing. The following possible subcodes are associated with this response code:

Subcode	Description
2	Bad index
3	Invalid search request
4	Invalid format indicator or field not found in FDT/SDT
11	Invalid search request
12	Bad index block
13	Bad UI block
14	Mismatch block length
15	Bad MI block
16	Mismatching block length
17	Bad NI block
18	Bad ISN count
21	Bad index block
22	Mismatching block length
23	Invalid ISN count
29	Inactive index block
31	Bad index block
32	Mismatching block length
33	Invalid ISN count
39	Inactive index block
41	Bad index block
42	Mismatching block length
43	Bad MI block
44	Bad NI block
81	Invalid level indicator
82	Bad element position in block
83	Position in block did not match element lengths
84	Bad MI block
85	Bad NI block
86	Bad NI block
87	Invalid ISN count
88	Position in block did not match element lengths
89	Index block not active
91	Wrong level
92	Mismatching block length

**Action** Run ADAICK to determine whether an inconsistency exists in an inverted list. If not, contact your local Software AG technical support representative. Make sure to report the subcode to your Software AG technical support representative.



**Response  
177**

**Explanation** A record could not be found in the Data Storage block in which it should have been contained as indicated by the address converter. If this response code is returned to the ADAULD UNLOAD utility function with the parameter SORTSEQ, the file might be inconsistent and data lost.

**Action** Check the file with the "check" utilities, especially ADAACK, and contact your Software AG technical support representative.

**Response  
178**

**Explanation** An internal error occurred when updating a multiple-value field:

1	Inconsistency in descriptor value table (DVT).
2	An inconsistency was detected between the field definition table (FDT) and the internal format buffer.
3	Inconsistency when updating a phonetic descriptor.

**Response 179**

**Explanation** Internal error; identifier could not be found in Work part 3.

**Response 181**

**Explanation** Autobackout was executed and the start of a transaction could not be located.

**Response 182**

**Explanation** Necessary ET data was not found in the appropriate Work block.

**Response 183**

**Explanation** An internally assigned number for a database I/O operation was detected as invalid.

**Response 184**

**Explanation** A phonetic field name could not be found.

**Response 185**

**Explanation** The ADAM field could not be found in the compressed record.

**Response 197**

**Explanation** The DEUQ pool is too small.

**User Action:** Increase the ADARUN LDEUQP parameter.

**Response 198**

**Explanation** An attempt was made to duplicate a descriptor value for a unique descriptor. In an ACB, the leftmost two bytes of the Additions 2 field may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name.

**Response 199**

**Explanation** An inconsistency in the inverted list index was found during an update operation. In an ACB, the leftmost two bytes of Additions 2 may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name. This response code can also occur if UTYPE=EXU was specified for an ADARES BACKOUT operation that uses the sequential (SIBA) log.

**Response 200**

**Explanation** Either an invalid cipher code or an Adabas SAF Security or Adabas security violation was detected.

From Adabas SAF Security processing, the command could not satisfy the necessary security checks and may be accompanied by a subcode as follows:

0	A standard user check failed.
1	There is no free user file cache entry for a workstation user.
2	A cross-level security check failed.
3	No security information is available for the command.
4	A timeout occurred during a workstation logon.

For more information about Adabas SAF Security, read the Adabas SAF Security documentation.

**Response 201**

**Explanation** The password specified was not found.

**Response  
202**

**Explanation** An attempt was made to use a file for which the user is not authorized, or the file password is being changed.

**User Action:** Either correct the authorization, or retry the operation with the new password.

**Response 203**

**Explanation** An attempt was made to delete a record in a file for which the user is not authorized.

**Response 204**

**Explanation** A password pool overflow occurred.

**Response  
207**

**Explanation** Adabas SAF Security completed phase 1 of logon and requested phase 2. This is an internal Adabas SAF Security and ADALNK two-phase response code for a remote workstation logon. This code is normally not displayed or presented.

For more information, read your Adabas SAF Security documentation.

**User Action:** Send a phase 2 logon request to Adabas SAF Security.

**Response  
208**

**Explanation** As an Adabas SAF Security remote user, you should execute a phase 1 logon. The logon ID and your password are sent to Adabas SAF Security. This response indicates that two-phase logon can continue.

For more information, read your Adabas SAF Security documentation.

**Action** If the user application receives this response, it is on a workstation platform that does not have the proper Adabas link routine installed. This response code is intercepted by the workstation Adabas link routine and phase 1 logon is performed.

**Response  
209**

**Explanation** Adabas SAF Security detected an expired password on the server.

**Action** Create a valid password on the server for ACF2, RACF, or Top Secret. Entire Net-Work users may use the Adabas SAF Security feature.

**Response  
210**

**Explanation** Logical ID greater than 255 (internal error).

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

**Response  
211**

**Explanation** Invalid ID table index in UB (internal error).

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

**Response 212**

**Explanation** Invalid input/output buffer for internal command.

**Response  
213**

**Explanation** ID table not found (SVC not properly installed).

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

The following table describes the possible subcodes that might occur if an Adabas DBID/SVC routing table error occurs:

Subcode	Description
16	The specified SVC number does not correspond to a currently installed SVC on the z/OS or VSE system. Check to be sure that the specified SVC number is correct and, if it is, ensure that an Adabas SVC is installed using that SVC number.
20	The specified SVC number corresponds to an installed SVC on the z/OS or VSE system, but the SVC is not an Adabas SVC. Ensure that the provided SVC number is correct and, if it is, determine why the SVC installed for that number is not an Adabas SVC for z/OS or VSE.

**User Action:** Inform the DBA. The Adabas installation procedure was not properly executed.

**Response 214**

**Explanation** Internal command issued from Adabas version 4 Adalink.

**Response  
216**

**Explanation** Command rejected by user exit.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

**Response  
217**

**Explanation** Command rejected by user exit.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

**Response  
218**

**Explanation** The following table describes the subcodes that appear with this response code, clarifying why the response was received.

Subcode	Description
X'00' (00)	The UB (TP monitor user block) pool is too small. There must be at least one user block for each concurrent user. This is controlled by the TP monitor link routines. The GETMAIN for the UB failed.
X'48' (72)	An IPC message call parameter error occurred. This may indicate an internal product error or a TP-monitor storage overlay. Contact Software AG technical support for assistance.
X'49' (73)	The IPC message caller did not provide a pointer to the extended user ID block. This is probably an internal product error. Contact Software AG technical support.
X'4C' (76)	The extended user ID data provided to the IPC Message Call is either binary zeroes or blank. This is probably an internal product error. Contact Software AG technical support.
X'4D' (77)	A getmain failed for the work area used in an IPC Message Call. Determine why the TP monitor is running short of storage. The storage will be acquired in the AMODE of the calling program, usually 31-bit for Natural transactions.

**User Action:** Increase the UB pool by respecifying the NUBS parameter in the link routines. See the ADAGSET macro information in the Adabas Installation documentation.

**Response**  
**219**

**Explanation** This response code should only occur when Adabas Transaction Manager is being used.

2	The global transaction is not in the status that allows the call.
3	Two transaction ID (XID) entries exist.
4	The "R" and "J" options are not supported; or this is not a global transaction. The transaction ID (XID) does not exist or cannot be found (or example, when the given XID does not belong to the UQE).
5	The record or value buffer definition may be invalid; for example, the length size may be invalid (less than or equal to 144 bytes); or the value buffer content may be invalid; for example, it may not contain a valid transaction ID (XID).
6	The user is not an update or ET user or is already involved in a global transaction or the user is already on PET (preliminary end-of-transaction) status.
7	A protocol error occurred: The user has been copied to Work 4 or the transaction was backed out.
8	A protocol error occurred: The transaction was terminated or the user has no transaction ID (XID) or the recover call for an active user is not permitted.
9	The system is currently locked due to a pending Work area 4 or DDWORKR4 overflow.
10	The call is not permitted; either ADAEND or an ET-sync point is in process for the nucleus. Force the ATM nucleus to backout (BT) the transaction.
11	The user has not made any updates. A preliminary ET command, therefore, is not permitted.
12	A logic error occurred.
20	The transaction ID (XID) is unknown. This error occurs only in a cluster environment.

**Response 220**

**Explanation** The request was rejected by Entire Net-Work due to a shortage of short term buffers.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

**Action** For BS2000 systems running Sockets 2.2 or later, check the address space limit using the SHOW-USER-ATTRIBUTES command in the field ADDRESS-SPACE-LIMIT (the value is in megabytes). If necessary, increase it using the MODIFY-USER-ATTRIBUTES command from a privileged user ID.

For BS2000 systems running Sockets 2.1 or earlier, increase the CMSIZE parameter to enlarge the common memory pool, as long as there is enough room in the address space. Then restart Entire Net-Work.

For z/OS and z/VSE, increase the region size. For z/VM, increase the amount of virtual storage available to the Entire Net-Work machine.

**Response 221**

**Explanation** The LU size of the remote partner is smaller than the size required for the Adabas request.

**Action** Either increase the size specified for the LU= parameter on the remote system, or modify the application to reduce its buffer sizes.

**Response 222 - 223 (reserved)****Response 224**

**Explanation** The request waited for a reply for a longer time period than specified by the REPLYTIM parameter in either the NODE statement or the SET operator command. The reply may be delayed or lost due to a target malfunction, or because of a connecting link failure. If you are using Natural, and all connections are verified, check the ADAMODE setting. The ADAMODE=0 setting is the only option Entire Net-Work supports.



**Response 225**

**Explanation** A command was issued from a server, such as an Adabas nucleus, to another server, such as Entire Net-Work. The command did not complete within a prescribed time period. The issuer proceeds and no longer expects a response to the command.

Note that the command may still execute in the target. There will be no notification to the issuer if it does. The target may display message ADAM92, User Gone, if the target attempts to notify the issuer of command completion.

The subcode identifies the environment from which the command was issued.

Subcode	Issuer
1	ADAMPM
2	Adabas nucleus, thread-synchronous command
3	Adabas nucleus, not thread-synchronous. Under z/OS, the command was TCB-synchronous.

**Action** Contact your Software AG technical support representative for assistance if the reason for the command’s failure to complete cannot be identified.

**Response 226 - 227 (reserved)**

**Response 228**

**Explanation** This response is issued by an Adabas link routine. It indicates that an ASCII-formatted user request has been issued against an EBCDIC-formatted database that is not properly configured to handle the translation:

1	The SVC is not a valid Adabas version 7 SVC.
2	The database is not UES-enabled.

**User Action:** Ensure that your Adabas installation is for a supported version and that the database is UES-enabled. Refer to the UES information.

**Response 229**

**Explanation** The Entire Net-Work 5 convertor detected an inconsistency or error in the application format buffer or search buffer and is unable to correctly translate the user’s data.

**Response 231-239 –**

**Explanation** These response codes are assigned in some Adabas user exits, and have meanings as defined by the user. One example is the response code in the ADALOG log data field issued by user exit 4.

**User Action:** Refer to the description of user exits in the Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual documentation for more information.

**Response 240-244 –**

**Explanation** These response codes are returned by Adabas Transaction Manager. Consult the Adabas Transaction Manager documentation for more information.

**Response 245**

**Explanation** This response code is issued for communication problems between add-on products that use the system coordinator (COR) interface to Adabas; that is, Adabas Fastpath, Adabas Vista, Adabas SAF Security, and Adabas Transaction Manager.

Subcode	Description
1	Internal error.
2	A required module could not be loaded. This is probably an installation error.

**Action** For subcode 1, contact your Software AG technical support representative. For subcode 2, consult the installation instructions for the add-on product.

**Response 248**

**Explanation** These response codes are returned by Adabas Data Archiving processing. Review the Adabas Data Archiving documentation for more information.

**Response 249**

**Explanation** This response code is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.

**Response**  
**250**

**Explanation** The ACBX (ACBX) failed validation. The following subcodes are possible:

Subcode	Description
1	Unsupported ACBX version
2	ADACBX provided without UBE.
3	ACBX file number > 65,535.
4	Reserved field not zero.
5	ACBX length incorrect

**Action** If subcode 3 occurs, notify your Software AG technical support representative. If any of the other subcodes occur, correct the ACBX specification and rerun.

**Response**  
**251**

**Explanation** An error occurred in Adabas cluster processing.

Under certain conditions, the Adabas cluster SVC (SVCCLU) component of the ADASVC returns response code 251 in the ACB's response code field, along with a hexadecimal subcode (listed below in decimal) in the low-order (rightmost) two bytes of the Additions 2 field. In the case of an ACBX, the ADASVC returns response code 251 in the ACBX's Response Code (ACBXRSP) field and the subcode in the Error Subcode (ACBXERRC) field.

- If the local SVCCLU detects the condition, the subcode will range from 2 through 30.
- If a remote SVCCLU detects the condition, it will range from 102 through 130.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Subcode	Description
2	The remote cluster nucleus to which the user is assigned cannot be accessed.
4	There are no user table entries (UTES) available for use.
5	Internal error. The nucleus specified by an internal command was not found.
7	Internal error. The user was assigned to a remote nucleus by the local system but the remote system found that the nucleus was not active.
9	Internal error. The 28-byte user ID is all zeros.
17	Entire Net-Work is not active.
19	Internal error. Invalid internal command code.
20	Remote nuclei are active; command must be assigned remotely but the remote nuclei are not accepting commands.
21	The remote image to which the user is assigned has no usable nuclei.
22	An attempt was made to assign a user remotely but Entire Net-Work is not active.
25	No system image target
26	System image target changed
27	Internal error.
28	Version mismatch between the PLXCB and the SVCCLU part of the ADASVC.
29	Probably, you used a NUCID value from a restricted range. Otherwise, this is an internal error. <i>Action:</i> Ensure that the NUCID assignments are valid.
30	More than 32 NUCIDs were detected for the same SVC/DBID combination. <i>Action:</i> Reduce the number of NUCIDs on the SVC/DBID to 32.

**Action** For internal errors, contact your Software AG technical support representative. For all other errors except as noted, contact your systems administrator.

**Response**  
**252**

**Explanation** An error occurred during Adabas SVC processing (post error).

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

**Response**  
**253**

**Explanation** An error occurred processing a buffer.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

The following subcodes are possible:

Subcode	Description
0	Buffer length 0 (ACB user only)
1	Format buffer address zero
2	Record buffer address zero
3	Search buffer address zero
4	Value buffer address zero
5	ISN buffer address zero
6	User information buffer address zero
7	Performance buffer address zero
8	Multifetch buffer address zero
9	Unsupported ABD buffer type
10	Attached buffer overrun
11	Unsupported ABD version
12	ACBX not accepted by target
13	Unable to convert ACBX to ACB
14	ALET value not permitted
15	Unable to process 64-bit buffer address
16	Invalid buffer location indicator
17	Logic error locating ABD
18	More than 32,767 ABDs
19	Reserved field not zero
20	ADABDX length incorrect

**Action** Subcodes 10 and 17 are internal logic errors; notify your Software AG support representative. For all other subcodes, correct the buffer specification error and rerun.

**Response**  
254

**Explanation** A validation error occurred during command completion processing while attempting to return results to the caller.

One of the following has occurred:

- An internal error occurred during processing of an attached buffer (buffer overflow)
- The CT parameter limit was exceeded. Message ADAM93 (or a similar message) is printed or displayed on the console.

If the CT parameter limit was exceeded, the nucleus terminated the user, generated the equivalent of a BT command internally, released the CQE and attached buffer space, and issued ADAM93 (or a similar message).

If the user was not terminated, the subcode in the right-most two bytes of the ACB's Additions 2 field or the subcode in the ACBX's Error Subcode (ACBXERRC) field describes the failed validity check.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Subcode	Description
1	UBCQEX is less than or equal to zero
2	UBCQEX is greater than CQHNCQES
3	CQEFLAG is not equal to CQEFAB plus CQEFW16
4	CQEAUB is not equal to A'UB
5	CQEAUPL is not equal to A'APL
6	The low-order 6 bytes of CQECKSUM does not equal UBCKSUM
7	CQE was timed out
8	An inconsistency in the CQE such as the following: The CQE was unexpectedly taken by another call The user buffer (UB) is not receiving expected user information The target move data length is inconsistent
9	Record buffer overflow
10	ISN buffer overflow
11	Inconsistent format buffer length
12	Inconsistent search buffer length
13	Inconsistent value buffer length
14	Inconsistent user buffer length
15	Invalid attached buffer ABD index (internal logic error)
16	Buffer overflow; see ACBXERRD and ACBXERRE

**Action** Ensure that the caller's control structures and parameters are not altered while the command is being processed. If you are unable to resolve the error, notify your Software AG support representative.

**Response****255**

**Explanation** All attached buffers were allocated at the time the command was processed. Buffer allocation (NAB) "high water marks" may not reflect this condition when no buffer allocation occurs.

**Note:**

If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.