

# Error Message Reference

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## Altibase 7.1

Altibase® Message



Altibase Message Error Message Reference

Release 7.1

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# Preface

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## About This Manual

This manual describes error codes and messages that are displayed when Altibase or the operating program is performed.

Error messages may be changed without notice.

## Audience

This manual has been prepared for the following Altibase users:

- database administrators
- application designers
- programmers

It is recommended that those reading this manual possess the following background knowledge:

- basic knowledge in the use of computers, operating systems, and operating system utilities
- experience in using relational databases and an understanding of database concepts
- computer programming experience

## Software Environment

This manual has been prepared assuming that Altibase 7.1 is used as the database server.

## Organization

This manual has been organized as follows:

- Chapter1: ID Error Code
- Chapter2: SM Error Code
- Chapter3: MT Error Code
- Chapter4: RP Error Code
- Chapter5: DR Error Code
- Chapter6: QP Error Code
- Chapter7: ST Error Code
- Chapter8: MM Error Code
- Chapter9: ODBC Error Code
- Chapter10: APRE Error Code
- Chapter11 Utilities Error Code
- Chapter12 CM Error Code
- Chapter13 Database Link Error Code

- Chapter14 Log Analyzer Error Code

## Altibase Welcomes Your Opinions

Please feel free to send us your comments and suggestions regarding this manual.  
Your comments

and suggestions are important to us, and may be used to improve future versions of the manual.

When you send your feedback, please make sure to include the following information:

- The name and version of the manual you are using
- Your comments and suggestions regarding the manual
- Your full name, address, and phone number

In addition to suggestions, this address may also be used to report any errors or omissions discovered in the manual, which we will address promptly.

If you need immediate assistance with technical issues, please contact the Altibase Customer Support(<http://support.altibase.com>).

# 1.ID Error Code

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## FATAL

### 0x00012 ( 18) idERR\_FATAL\_idc\_SHM\_ATTACH Unable to attach shared memory

**Cause:** Failed to invoke the shmat() function.

**Action:** Verify that you have permission to access shared memory. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

### 0x00013 ( 19) idERR\_FATAL\_idc\_SHM\_CTL Unable to delete shared memory

**Cause:** Failed to invoke the shmctl() function.

**Action:** Verify that you have permission to access shared memory. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

### 0x00014 ( 20) idERR\_FATAL\_idc\_SEM\_CTL Unable to delete a semaphore

**Cause:** Failed to invoke the semctl() function.

**Action:** Verify that you have permission to access the semaphore. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

### 0x00015 ( 21) idERR\_FATAL\_idc\_SEM\_OP Unable to execute operations on a semaphore

**Cause:** Failed to invoke the semop() function.

**Action:** Check the error number from altibase\_boot.log and verify that the semaphore group exists.

### 0x00017 ( 23) idERR\_FATAL\_idc\_CHANNEL\_NOT\_CREATED Unable to delete the communication channel

**Cause:** The system tried to delete an invalid communication channel.

**Action:** Please send a bug report to the vendor.

### 0x00018 ( 24) idERR\_FATAL\_idc\_INVALID\_CHANNEL\_TYPE Unsupported communication channel.

\*Cause: The system tried to use an unsupported communication channel.

\*Action: Please send a bug report to the vendor.

### 0x00019 ( 25) idERR\_FATAL\_idc\_MUTEX\_LOCK Failed to invoke the mutex\_lock() system function

\*Cause: Failed to invoke the mutex\_lock() system function.

\*Action: Please send a bug report to the vendor.

### 0x0001A ( 26) idERR\_FATAL\_idc\_MUTEX\_UNLOCK Failed to invoke the mutex\_unlock() system function

\*Cause: Failed to invoke the mutex\_unlock() system function.

\*Action: Please send a bug report to the vendor.

### 0x0001B ( 27) idERR\_FATAL\_idc\_CLOSE\_FAILED Unable to close the communication channel

\*Cause: Failed to invoke the close() system function.

\*Action: Please send a bug report to the vendor.

**0x0001C ( 28) idERR\_FATAL\_idc\_SOCKET\_SHUTDOWN\_FAILED Unable to shut down the communication channel**

\*Cause: Failed to invoke the shutdown() system function.

\*Action: Please send a bug report to the vendor.

**0x0001D ( 29) idERR\_FATAL\_idc\_INET\_SOCKET\_CREATE\_FAILED Unable to create an INET socket**

\*Cause: Failed to invoke the socket() function on an INET socket.

\*Action: Please send a bug report to the vendor.

**0x0001E ( 30) idERR\_FATAL\_idc\_UNIX\_SOCKET\_CREATE\_FAILED Unable to create a UNIX domain socket**

Cause: Failed to invoke the socket() function on a UNIX domain socket

Action: Please send a bug report to the vendor.

**0x0001F ( 31) idERR\_FATAL\_idc\_SVC\_INET\_BIND\_ERROR Unable to bind the INET socket. (<0%d>)**

**Cause:** Failed to invoke the bind() function on the INET socket because the port was already in use by another process.

**Action:** Verify that the port is not being used by another process. If it is, close that process or select a different port.

**0x00020 ( 32) idERR\_FATAL\_idc\_SVC\_UNIX\_BIND\_ERROR Unable to bind the UNIX domain socket**

**Cause:** Failed to invoke the bind() function on a UNIX domain socket. The port was in use by another process.

**Action:** Verify that the port is not being used by another process. If it is, close that process or select a different port.

**0x00021 ( 33) idERR\_FATAL\_idc\_SVC\_INET\_LISTEN\_ERROR Failed to invoke the listen() system function**

**Cause:** Failed to invoke the listen() function on the INET socket

**Action:** Please send a bug report to the vendor.

**0x00022 ( 34) idERR\_FATAL\_idc\_SVC\_UNIX\_LISTEN\_ERROR Unable to invoke the listen() function on the UNIX domain socket**

**Cause:** Failed to invoke the listen() function on the UNIX domain socket

**Action:** Please send a bug report to the vendor.

**0x00023 ( 35) idERR\_FATAL\_idc\_FD\_NONBLOCK\_FAILED Unable to set the socket to non-blocking mode.**

**Cause:** Failed to invoke the fcntl() function to set non-blocking mode on a file descriptor.



**Action:** Please send a bug report to the vendor.

**0x00024 ( 36) idERR\_FATAL\_idc\_SYS\_ACCEPT\_FAILED Unable to accept the socket**

**Cause:** Failed to invoke the accept() system function

**Action:** Please send a bug report to the vendor.

**0x00029 ( 41) idERR\_FATAL\_idc\_SYS\_SELECT\_FAILED Failed to invoke the select() system function**

**Cause:** Failed to invoke the select() system function.

**Action:** Please send a bug report to the vendor.

**0x0002A ( 42) idERR\_FATAL\_WRITELINE\_ERROR Unable to communicate with the db admin**

**Cause:** Failed to invoke the timed\_writeline() system function.

**Action:** Please send a bug report to the vendor.

**0x0002B ( 43) idERR\_FATAL\_SIGMASK\_ERROR Unable to mask the signal**

**Cause:** Failed to invoke the pthread\_sigmask() system function.

**Action:** Please send a bug report to the vendor.

**0x0002C ( 44) idERR\_FATAL\_FILE\_OPEN Unable to open a file [<0%s>]**

**Cause:** The path of the file is invalid or the storage manager does not have permission to open the file.

**Action:** Verify that the path and file name are correct and that you have read/write permission for the file.

**0x0002D ( 45) idERR\_FATAL\_THR\_NOT\_CREATED\_BUT\_USED No thread object was used.**

**Cause:** Internal Bug

**Action:** Please send a bug report to the vendor.

**0x0002F ( 47) idERR\_FATAL\_THR\_NOT\_STARTED Thread object did not start after <0%u> seconds.**

**Cause:** Internal Bug

**Action:** Please send a bug report to the vendor.

**0x00032 ( 50) idERR\_FATAL\_IDU\_MEMORY\_ALLOCATION Memory allocation failed**

**Cause:** Insufficient memory.

**Action:** Verify that the system has enough available memory.

**0x00033 ( 51) idERR\_FATAL\_ThrMutexInit Failed to invoke the mutex\_init() system function**

**Cause:** The system failed to initialize a mutex.

**Action:** Please send a bug report to the vendor.

**0x00034 ( 52) idERR\_FATAL\_ThrMutexDestroy Failed to invoke the mutex\_destroy() system function**

**Cause:** The system failed to destroy a mutex.

**Action:** Please send a bug report to the vendor.

**0x00035 ( 53) idERR\_FATAL\_ThrMutexLock Failed to invoke the mutex\_lock() system function**

**Cause:** The system failed to lock a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x00036 ( 54) idERR\_FATAL\_ThrMutexUnlock Failed to invoke the mutex\_unlock() system function**

**Cause:** The system failed to unlock a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x00037 ( 55) idERR\_FATAL\_ThrCondInit Failed to invoke the cond\_init() system function**

**Cause:** The system failed to invoke the cond\_init() function.

**Action:** Please send a bug report to the vendor.

**0x00038 ( 56) idERR\_FATAL\_ThrCondSignal Failed to invoke the cond\_signal() system function**

**Cause:** The system failed to invoke the cond\_signal() function.

**Action:** Please send a bug report to the vendor.

**0x00039 ( 57) idERR\_FATAL\_ThrMutexTrylock Failed to invoke the mutex\_trylock() system function**

**Cause:** Another thread has already locked the mutex.

**Action:** Please send a bug report to the vendor.

**0x0003A ( 58) idERR\_FATAL\_ThrCondDestroy Failed to invoke the cond\_destroy() system function**

**Cause:** The system failed to remove a condition variable.

**Action:** Please send a bug report to the vendor.

**0x0003B ( 59) idERR\_FATAL\_LongFileName Filename too long**

**Cause:** The file name is too long.

**Action:** Shorten the file name.

**0x0003D ( 61) idERR\_FATAL\_SysOpen Unable to invoke the open() function on [<0%s>]**

**Cause:** The system failed to open the file.

**Action:** Verify that the file exists and that the operating system has not already opened the maximum possible number of files.

**0x0003E ( 62) idERR\_FATAL\_SysClose Unable to invoke the close() function on [<0%s>]**

**Cause:** The system failed to close the file.

**Action:** Please send a bug report to the vendor.

**0x0003F ( 63) idERR\_FATAL\_SysRead Unable to invoke the read() function on [<0%s>]**

**Cause:** The system failed to read the file because the disk is physically damaged or a bad sector has occurred.

**Action:** Execute the fsck command to troubleshoot and fix any filesystem errors.

**0x00041 ( 65) idERR\_FATAL\_Sysfstat Unable to invoke the fstat() function on [<0%s>]**

**Cause:** The system failed to call the fstat() function.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x00042 ( 66) idERR\_FATAL\_SyncError Failed to sync a file for [<0%s>].**

**Cause:** Failed to invoke the sync() function.

**Action:** Please send a bug report to the vendor.

**0x00045 ( 69) idERR\_FATAL\_idm\_Sort\_Table\_Shortage Sort table shortage**

**Cause:** Too many children in idmModule

**Action:** Please send a bug report to the vendor.

**0x00046 ( 70) idERR\_FATAL\_idm\_Invalid\_idmModule Invalid idmModule**

**Cause:** An invalid idmModule exists.

**Action:** Please send a bug report to the vendor.

**0x0004A ( 74) idERR\_FATAL\_SysDirectIO Unable to invoke the directio() function on [<0%s>].**

**Cause:** The system failed to invoke the directio() function on the file

**Action:** Please send a bug report to the vendor.

**0x00064 ( 100) idERR\_FATAL\_ThrCondWait Failed to invoke the cond\_wait() system function**

**Cause:** The system failed to invoke the cond\_wait() function.

**Action:** Please send a bug report to the vendor.

**0x00065 ( 101) idERR\_FATAL\_idc\_UNIX\_PATH\_TRUNCATED Unix domain socket path truncated.**

**Cause:** A Unix domain socket path has been truncated.

**Action:** The Altibase socket path is too long. Shorten it.

**0x0006D ( 109) idERR\_FATAL\_FILE\_CLOSE Unable to close a file**

**Cause:** An invalid File Handle was specified.

**Action:** Please send a bug report to the vendor.

**0x00070 ( 112) idERR\_FATAL\_DirectIO\_Invalid\_Argument Invalid argument for direct I/O write or read operation on file <0%s> (arguments: offset:<1%lu> buffer:<2%lu> size:<3%lu>)**

**Cause:** An argument for the direct I/O write or read operation was invalid.

**Action:** Verify that the arguments for the direct I/O read or write operation are valid.

**0x00071 ( 113) idERR\_FATAL\_WrongDirectIOPageSize The page size for Direct I/O should be exactly 512, 1024, 2048, 4096, or 8192.**

**Cause:** The DIRECT\_IO\_PAGE\_SIZE property is not set to an acceptable value.

**Action:** Set the DIRECT\_IO\_PAGE\_SIZE property to one of 512, 1024(1K), 2048(2K), 4096(4K), or 8192(8K).

**0x00072 ( 114) idERR\_FATAL\_SysSeek Unable to invoke the seek() function on [<0%s>]**

**Cause:** The system failed to change the access position in the file because the disk is physically damaged or a bad sector has occurred.

**Action:** Execute the fsck command to troubleshoot and fix any filesystem errors.

**0x0008C ( 140) idERR\_FATAL\_MmapFail Failed to invoke the mmap() system function**

**Cause:** The system failed to map the log file.

**Action:** Please send a bug report to the vendor.

**0x000AD ( 173) idERR\_FATAL\_THREAD\_JOINERROR System error while joining**

**Cause:** The system failed to join a mutex.

**Action:** Check the error number from the altibase\_boot.log file and take appropriate action.

**0x000B0 ( 176) idERR\_FATAL\_SysShmDt Failed to invoke the shmdt() system function**

**Cause:** The system failed to detach a shared memory region from a process.

**Action:** Please send a bug report to the vendor.

**0x000B1 ( 177) idERR\_FATAL\_Shmem\_No\_Permission No permission for the shared memory database**

**Cause:** A shared memory region has already been created with the same key but a different UID.

**Action:** Please remove the shared memory region, or create a shared memory region with another key.

**0x000B5 ( 181) idERR\_FATAL\_PROCESS\_CHECK\_ALIVE Unable to check if a process is alive.**

**Cause:** Failed to invoke the semctl() function

**Action:** Please verify that you have permission to access the semaphore and send a bug report to the vendor.

**0x000B6 ( 182) idERR\_FATAL\_SEM\_DELETE Unable to delete the semaphore.**

**Cause:** Failed to invoke the semctl() function

**Action:** Please verify that you have permission to access the semaphore and send a bug report to the vendor.

**0x000B7 ( 183) idERR\_FATAL\_SEM\_GET Unable to create or get a semaphore.**

**Cause:** Failed to invoke the semop() function

**Action:** Please verify the error number and make sure that the semaphore group exists.

**0x000B8 ( 184) idERR\_FATAL\_Systhrjoin Failed to invoke the thr\_join() system function**

**Cause:** The system failed to join threads.

**Action:** Please send a bug report to the vendor.

**0x000B9 ( 185) idERR\_FATAL\_SYSTEM\_PROCESS\_ALREADY\_STARTED [0%s] Process has been already started.**

**Cause:** System process which is one of Deamon or WServer has been started before this operation.

**Action:** Check the other system process is alive or started.

**0x000BA ( 186) idERR\_FATAL\_UNDO\_THREAD\_BY\_WATCH\_DOG The undo operation of a thread in a dead process is failed.**

**Cause:** There is an unexpected error while doing an undo operation of a thread.

**Action:** Please send a bug report to the vendor.

**0x000BB ( 187) idERR\_FATAL\_WATCHDOG\_THREAD\_ABNORMAL\_EXIT The watchdog thread faced an unexpected error.**

**Cause:** There is an unexpected error in the watchdog thread.

**Action:** Please send a bug report to the vendor.

**0x000BC ( 188) idERR\_FATAL\_UNCOMPATIBLE\_SHARED\_MEMORY The version of the shared memory is not compatible with the version of the shared memory manager. Shared Memory Version => [ Version ID = <0%s> ] Shared Memory Manager=>[ Version ID = <1%s> ]**

**Cause:** The shared memory created before is no compatible with the current shared memory manager.

**Action:** Please remove shared memory created by Altibase and restart Altibase.

**0x000BD ( 189) idERR\_FATAL\_UNDO\_PROCESS\_BY\_WATCH\_DOG The undo operation for a dead process is failed.**

**Cause:** There is an unexpected error in the watchdog undo thread for a dead process.

**Action:** Please send a bug report to the vendor.

**0x000BE ( 190) idERR\_FATAL\_ATTACH\_SHARED\_MEMORY\_MGR The attach operation for a shared memory is failed.**

**Cause:** There is an unexpected error while doing a attach operation of a shared memory.

**Action:** Please send a bug report to the vendor.

**0x000BF ( 191) idERR\_FATAL\_INVALID\_SHARED\_MEMORY\_BLOCK\_SIZE The shared memory block size[0%u] is invalid.**

**Cause:** The shared memory block size is invalid.

**Action:** Please send a bug report to the vendor.

**0x000C2 ( 194) idERR\_FATAL\_INVALID\_SHM\_SEGCOUNT The max number of shared memory segments is invalid.**

**Cause:** The maximum of the segment count is 0.

**Action:** Check SHM\_MAX\_SIZE and SHM\_CHUNK\_SIZE since the number of the max shared memory segments is calculated by SHM\_MAX\_SIZE / SHM\_CHUNK\_SIZE.

**0x000C3 ( 195) idERR\_FATAL\_INVALID\_ELEMENT\_SIZE** The number of elements in a chunk of a mempool is invalid.

**Cause:** The number of elements in a chunk of a mempool is 0.

**Action:** Please send a bug report to the vendor.

**0x000C5 ( 197) idERR\_FATAL\_REGISTER\_NEW\_PROCESS\_DISABLED** A process can not access a database in a shared memory.

**Cause:** Database is a invalid state to be accessed by a process.

**Action:** Check the system process is shutting down or the state of a shared memory area.

**0x000C7 ( 199) idERR\_FATAL\_REMOVE\_SYSTEM\_SHARED\_MEMORY\_SEGMENT** The remove operation of a system shared memory segment is failed.

**Cause:** There is a process to attach a system shared memory segment.

**Action:** Check if there is a process to attach a system shared memory segment.

**0x000C8 ( 200) idERR\_FATAL\_Invalid\_SHM\_DB\_KEY** When the SHM\_DB\_KEY value is 0, a shared memory database cannot be used. Set the SHM\_DB\_KEY property.

**Cause:** SHM\_DB\_KEY value is 0.

**Action:** Please set the SHM\_DB\_KEY property.

**0x000CB ( 203) idERR\_FATAL\_NOT\_OWNER\_OF\_SHARED\_MEMORY** Try to access a shared memory chunk which is not owned: SHMKEY is <0%d>.

**Cause:** Try to access a shared memory chunk which is not owned.

**Action:** Please check if there is already created shared memory associated with SHM\_DB\_KEY.

**0x000CC ( 204) idERR\_FATAL\_CREATE\_SYSTEM\_SEGMENT** Cannot create the system segment.

**Cause:** Unavailable system resource.

**Action:** Please check your system.

**0x000D2 ( 210) idERR\_FATAL\_CHANGE\_OWNER\_OF\_SHARED\_MEMORY\_SEGMENT** Cannot change the owner of the shared memory segment.

**Cause:** Failed to invoke the shmctl() function.

**Action:** Verify that you have permission to access shared memory. Check the error number from the trace log and contact Altibase's Support Center(<http://support.altibase.com>).

## ABORT

**0x01001 ( 4097) idERR\_ABORT\_idnCharacterSetNotFound** No character set was found.

**Cause:** No character set was found.

**Action:** Specify a valid value for the NLS\_USE property.

**0x01002 ( 4098) idERR\_ABORT\_idnInvalidCharacter** Invalid character in use

**Cause:** An invalid character is being used.

**Action:** Verify that every character in the input string is a valid character.

**0x01003 ( 4099) idERR\_ABORT\_idnReachEnd Unexpected end of string**

**Cause:** Unexpected end of string.

**Action:** Verify that the form of the string is legal.

**0x01004 ( 4100) idERR\_ABORT\_idnNotFound Unable to find a string to search**

**Cause:** The system failed to find a string to search.

**Action:** Please send a bug report to the vendor.

**0x01005 ( 4101) idERR\_ABORT\_idnTooLarge The input string is too long.**

**Cause:** Internal server error. The input string is too long.

**Action:** Please send a bug report to the vendor.

**0x01006 ( 4102) idERR\_ABORT\_idnLikeEscape Invalid use of escape characters in LIKE predicate.**

**Cause:** The server has detected the invalid use of escape characters in a LIKE predicate.

**Action:** Verify that the use of escape characters in the LIKE predicate is syntactically correct.

**0x01007 ( 4103) idERR\_ABORT\_idaNullValue A NULL value is not allowed for this data type.**

**Cause:** This data type cannot have a NULL value.

**Action:** Verify that there is no NULL value in the field.

**0x01008 ( 4104) idERR\_ABORT\_idaInvalidNumeric Unable to cast the string to the INTEGER type.**

**Cause:** It is impossible to cast the string to the INTEGER type.

**Action:** Change the string appropriately.

**0x01009 ( 4105) idERR\_ABORT\_idaInvalidNibble Unable to cast the string to the NIBBLE type.**

**Cause:** It is impossible to cast the string to the NIBBLE type.

**Action:** Change the string appropriately.

**0x0100A ( 4106) idERR\_ABORT\_idaInvalidBytes Unable to cast the string to the BYTE type.**

**Cause:** It is impossible to cast the string to the BYTE type.

**Action:** Change the string appropriately.

**0x0100B ( 4107) idERR\_ABORT\_idaOverflow Value exceeds range supported by type**

**Cause:** The value is out of the range supported by the type.

**Action:** Change the input value so that it falls within the range of values supported by the given type.

**0x0100C ( 4108) idERR\_ABORT\_idaDivideByZero Division by zero**

**Cause:** An attempt is being made to divide a value by zero.

**Action:** Verify that the value is not being divided by zero.

**0x0100D ( 4109) idERR\_ABORT\_idaLengthOutbound Length exceeded**

**Cause:** The data type length has been exceeded.

**Action:** Verify that the length of the data type is correct.

**0x0100E ( 4110) idERR\_ABORT\_idaPrecisionOutbound Precision exceeded**

**Cause:** The precision of the data type has been exceeded.

**Action:** Verify that the precision of the data type is correct.

**0x0100F ( 4111) idERR\_ABORT\_idaScaleOutbound Scale exceeded**

**Cause:** The scale of the data type has been exceeded.

**Action:** Verify that the scale of the data type is correct.

**0x01010 ( 4112) idERR\_ABORT\_idaLargerThanPrecision Precision exceeded**

**Cause:** The precision of the data type has been exceeded.

**Action:** Verify that the precision of the data type is correct.

**0x01011 ( 4113) idERR\_ABORT\_idaInvalidParameter Invalid Argument**

**Cause:** Invalid argument.

**Action:** Verify that the arguments are valid in context.

**0x01025 ( 4133) idERR\_ABORT\_idc\_MARSHAL\_BUFFER\_FULL Insufficient communication buffer**

**Cause:** The communication buffer is not large enough.

**Action:** Verify that the communication buffer size specified in the property file is greater than 64kB.

**0x01026 ( 4134) idERR\_ABORT\_idc\_SOCKET\_CLOSED Socket communication error**

**Cause:** The socket of the client has already been closed.

**Action:** Debug the client program.

**0x01027 ( 4135) idERR\_ABORT\_idc\_ERR\_FULL\_IPC\_CHANNEL No remaining IPC channels (MAX=<0%d>, USED=<1%d>, BUFSIZE=<2%d>)**

**Cause:** All IPC channels have been allocated to clients.

**Action:** Use the INET/UNIX Domain channel or create more IPC channels.

**0x01028 ( 4136) idERR\_ABORT\_idc\_SEM\_INIT\_OP Unable to invoke the semop() function as described by system semaphore properties.**

**Cause:** The semaphore might have been deleted.

**Action:** Verify that the semaphore exists.

**0x0102E ( 4142) idERR\_ABORT\_THR\_CREATE\_FAILED Failed to create a thread object.**

**Cause:** Internal Bug

**Action:** Please send a bug report to the vendor.

**0x01030 ( 4144) idERR\_ABORT\_idc\_MARSHAL\_FIND\_FAIL Unable to find the specified unique marshal id.**

**Cause:** Internal Bug



**Action:** Please send a bug report to the vendor.

**0x01031 ( 4145) idERR\_ABORT\_IDU\_MEMORY\_INVALID\_STATUS** An error has been detected in the memory manager.

**Cause:** Internal memory manager error.

**Action:** Set the MEMORY\_ALLOCATOR\_USE\_PRIVATE property to 0 and restart the server. For further information about this property, refer to the *General Reference*.

**0x0103C ( 4156) idERR\_ABORT\_SysCreat** Unable to invoke the create() function on [<0%s>]

**Cause:** The system failed to create the file.

**Action:** Verify that the storage manager has sufficient permission for the directory in which the file is created.

**0x01040 ( 4160) idERR\_ABORT\_SysWrite** Unable to invoke the write() function on [<0%s>]

**Cause:** The system failed to write data to the file due to a physical disk failure or a full disk.

**Action:** Execute the fsck command to troubleshoot and fix any filesystem errors.

**0x01043 ( 4163) idERR\_ABORT\_Session\_Closed** The session has been closed by the server

**Cause:** The session has been closed by the server. This could be the result of a session timeout.

**Action:** Check the altibase\_boot.log file or other log files. Check the properties related to session timeout.

**0x01044 ( 4164) idERR\_ABORT\_Query\_Timeout** Client's query exceeded the execution time limit.

**Cause:** The query ran for too long.

**Action:** Check any properties related to session timeouts, and increase if necessary. Check the status of the system if the properties are set appropriately.

**0x01047 ( 4167) idERR\_ABORT\_idm\_Id\_Not\_Found** ID not found.

**Cause:** The ID was not found.

**Action:** Verify that the ID is valid.

**0x01048 ( 4168) idERR\_ABORT\_idm\_Unable\_To\_Get\_Attribute** Unable to get idm attributes

**Cause:** Unable to get idm attributes.

**Action:** Verify the id and attributes.

**0x01049 ( 4169) idERR\_ABORT\_idm\_Unable\_To\_Set\_Attribute** Unable to set idm attributes

**Cause:** Unable to set idm attributes.

**Action:** Verify the id and attributes.

**0x0104B ( 4171) idERR\_ABORT\_idp\_NameNotFound** Unable to find the property name [<0%s>].

**Cause:** The specified property name is not registered in the system.

**Action:** Check the property name.

**0x0104C ( 4172) idERR\_ABORT\_idp\_RangeOverflow** Property value overflow [<0%s>]

**Cause:** The specified property value exceeded the allowable range.

**Action:** Refer to the General Reference, and enter a property value that falls within the range.

**0x0104D ( 4173) idERR\_ABORT\_idp\_NoSuchEntry** The entry [<1%d>] of the property [<0%s>] does not exist.

**Cause:** The specified property entry does not exist.

**Action:** Check whether the property entry exists.

**0x0104E ( 4174) idERR\_ABORT\_idp\_ReadOnlyEntry** The property [<0%s>] is read-only.

**Cause:** The specified property entry cannot be modified.

**Action:** Refer to the specification of the property.

**0x0104F ( 4175) idERR\_ABORT\_idp\_NotReadOnly** The property [<0%s>] is not read-only

**Cause:** Internal Error

**Action:** Please send a bug report to the vendor.

**0x01050 ( 4176) idERR\_ABORT\_idu\_NotFoundLicenseFile** License File does not exist.

**Cause:** License file does not exist.

**Action:** Install a valid license.

**0x01051 ( 4177) idERR\_ABORT\_IDU\_MEMORY\_ALLOCATION** Memory [<0%s>] failed.

**Cause:** Insufficient memory.

**Action:** Verify that the system has enough memory.

**0x01052 ( 4178) idERR\_ABORT\_SysOpen** Unable to invoke the open() function on [<0%s>]

**Cause:** The system failed to open the file.

**Action:** Verify that the file exists and that the operating system has not already opened the maximum possible number of files.

**0x01053 ( 4179) idERR\_ABORT\_SyncError** Failed to sync a file for [<0%s>].

**Cause:** Failed to invoke the sync() function.

**Action:** Please send a bug report to the vendor

**0x01054 ( 4180) idERR\_ABORT\_ASYNC\_IO\_FAILED** AIO operation failed [<0%d>].

**Cause:** - The asynchronous I/O operation timed out.

**Action:** - Please check the files on which operation was to occur.

**0x01055 ( 4181) idERR\_ABORT\_ASYNC\_IO\_READ\_FAILED** AIO read operation failed [<0%d>].

**Cause:** - The asynchronous I/O read operation failed.

**Action:** - Please check the files to be read.

**0x01056 ( 4182) idERR\_ABORT\_ASYNC\_IO\_WRITE\_FAILED** AIO write operation failed [<0%d>].

**Cause:** - The asynchronous I/O write operation failed.

**Action:** - Please check the files which could not be written to.

**0x01057 ( 4183) idERR\_ABORT\_ASYNC\_IO\_RETURN\_FAILED AIO return operation failed [**<0%d>**].**

**Cause:** - The asynchronous I/O aio\_return() operation failed.

**Action:** - Please check the files on which operation was to occur.

**0x01058 ( 4184) idERR\_ABORT\_DISK\_SPACE\_EXHAUSTED Failed to create, extend or sync a file ( Name : **<0%s>**, Start Offset : **<1%d>**, Write Size : **<2%d>** )**

**Cause:** The disk space or the user's disk quota has been exhausted.

**Action:** Increase the disk space or the user's quota for the log file, memory db file, or disk tablespace datafile.

**0x01059 ( 4185) idERR\_ABORT\_EXCEED\_FILE\_SIZE\_LIMIT Failed to increase size of file ( Name : **<0%s>**, Start Offset : **<1%d>**, Write Size : **<2%d>** )**

**Cause:** An attempt to increase the data file size exceeded the file size limit of the process or the maximum file size allowed by the operating system.

**Action:** Change the system file size limit.

**0x0105A ( 4186) idERR\_ABORT\_EXCEED\_OPEN\_FILE\_LIMIT Failed to create file( Name : **<0%s>**, Start Offset : **<1%d>**, Write size : **<2%d>** )**

**Cause:** The limit on the total number of open files for the system or the maximum number of file descriptors has been reached.

**Action:** Close open files that are not in use or change system properties.

**0x0105B ( 4187) idERR\_ABORT\_IDU\_FILE\_INVALID\_PATH Invalid directory path.**

**Cause:** A corresponding directory object does not exist.

**Action:** Correct the directory object parameter or create a corresponding directory object with the CREATE DIRECTORY command.

**0x0105C ( 4188) idERR\_ABORT\_IDU\_FILE\_INVALID\_FILEHANDLE Invalid file handle.**

**Cause:** A file handle was specified for which no corresponding open file exists.

**Action:** Verify that the file handle is a value returned from a call to FOPEN.

**0x0105D ( 4189) idERR\_ABORT\_IDU\_FILE\_INVALID\_OPERATION Invalid file operation.**

**Cause:** An attempt was made to read from a file or directory that does not exist, or file or directory access was denied by the operating system.

**Action:** Verify the file and directory access privileges on the file system, and, if reading, verify that the file exists.

**0x0105E ( 4190) idERR\_ABORT\_IDU\_FILE\_DELETE\_FAILED File remove operation failed.**

**Cause:** An attempt to delete a file was refused by the operating system.

**Action:** Verify that the file exists and that delete privileges have been granted for the directory and the file.

**0x0105F ( 4191) idERR\_ABORT\_IDU\_FILE\_RENAME\_FAILED File rename operation failed.**

**Cause:** A file rename attempt was refused by the operating system, either because the source or destination directory does not exist or is inaccessible, the source file isn't accessible, or a file with that name already exists.

**Action:** Verify that the source file, source directory, and destination directory exist and are accessible, and that no file with the desired name already exists.

**0x01060 ( 4192) idERR\_ABORT\_IDU\_FILE\_NO\_DATA\_FOUND No data found in file.**

**Cause:** Cannot read any data from the file.

**Action:** Check whether the file is empty or the position has reached end-of-file.

**0x01061 ( 4193) idERR\_ABORT\_IDU\_FILE\_READ\_ERROR File read error.**

**Cause:** An attempt to read from a file failed.

**Action:** Verify that the file exists, that it is accessible, and that it is open in read mode.

**0x01062 ( 4194) idERR\_ABORT\_IDU\_FILE\_WRITE\_ERROR File write error.**

**Cause:** Failed to write to a file.

**Action:** Verify that the file exists, that it is accessible, and that it is open in write or append mode.

**0x01063 ( 4195) idERR\_ABORT\_MESSAGE\_OVERFLOW Message too long.**

**Cause:** The message to be processed is too long.

**Action:** Make the message length shorter than 2<sup>61</sup>.

**0x01066 ( 4198) idERR\_ABORT\_idp\_Value\_Convert\_Error The property [<0%s>] value [<1%s>] cannot be converted.**

**Cause:** The data format is invalid.

**Action:** Enter a valid data format.

**0x01067 ( 4199) idERR\_ABORT\_MAX\_MEM\_SIZE\_EXCEED The memory size allocated for the statement has exceeded the maximum limit ( Name : <0%s>, Wanted Memory Size : <1%lu>, Max size : <2%lu> ).**

**Cause:** The memory size allocated for the statement has exceeded the maximum limit.

**Action:** Increase the XXXXXXXX\_STMT\_MEMORY\_MAXIMUM property value.

**0x01068 ( 4200) idERR\_ABORT\_QUEUE\_EMPTY Queue empty**

**Cause:** Queue empty

**Action:** Internal error.

**0x01069 ( 4201) idERR\_ABORT\_QUEUE\_FULL Queue full**

**Cause:** Queue full

**Action:** Internal error.

**0x0106A ( 4202) idERR\_ABORT\_Query\_Canceled Query canceled by client.**

**Cause:** The query has been canceled by the client.

**Action:** No action is necessary.

**0x0106B ( 4203) idERR\_ABORT\_Session\_Disconnected The session has been disconnected by the client**

**Cause:** The session has been disconnected by the client.

**Action:** No action is necessary.

**0x0106C ( 4204) idERR\_ABORT\_Invalid\_Profile\_State The query profile has already been activated. Turn it off first.**

**Cause:** The query profile has already been activated.

**Action:** Query profiling is already enabled so no further action is required. However, if the value of the QUERY\_PROF\_FLAG property must be changed, first set the value to 0 and then set it to the desired value.

**0x0106F ( 4207) idERR\_ABORT\_BY\_RECOVERY\_TEST Recovery Test Abort Error**

**Cause:** The recovery test resulted in an abort error.

**Action:** Internal error.

**0x01073 ( 4211) idERR\_ABORT\_GPKI\_API\_Init GPKI\_API\_Init error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01074 ( 4212) idERR\_ABORT\_GPKI\_API\_GetVersion GPKI\_API\_GetVersion error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01075 ( 4213) idERR\_ABORT\_GPKI\_API\_Finish GPKI\_API\_Finish error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01076 ( 4214) idERR\_ABORT\_GPKI\_STORAGE\_ReadCert GPKI\_STORAGE\_ReadCert error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01077 ( 4215) idERR\_ABORT\_GPKI\_STORAGE\_ReadPriKey GPKI\_STORAGE\_ReadPriKey error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01078 ( 4216) idERR\_ABORT\_GPKI\_PRIKEY\_CheckKeyPair GPKI\_PRIKEY\_CheckKeyPair error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01079 ( 4217) idERR\_ABORT\_GPKI\_CRYPT\_GenRandom GPKI\_CRYPT\_GenRandom error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x0107A ( 4218) idERR\_ABORT\_GPKI\_VersionMismatched Version mismatch error**

**Cause:** The GPKI module version is different from that of the client.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x0107B ( 4219) idERR\_ABORT\_GPKI\_BINSTR\_SetData GPKI\_BINSTR\_SetData error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x0107C ( 4220) idERR\_ABORT\_GPKI\_CMS\_MakeSignedAndEnvData  
GPKI\_CMS\_MakeSignedAndEnvData error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x0107D ( 4221) idERR\_ABORT\_GPKI\_CRYPT\_GetKeyAndIV GPKI\_CRYPT\_GetKeyAndIV error:  
[<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x0107E ( 4222) idERR\_ABORT\_GPKI\_CMS\_ProcessSignedAndEnvData  
GPKI\_CMS\_ProcessSignedAndEnvData error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x0107F ( 4223) idERR\_ABORT\_GPKI\_CERT\_Verify GPKI\_CERT\_Verify error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01080 ( 4224) idERR\_ABORT\_GPKI\_CERT\_Load GPKI\_CERT\_Load error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01081 ( 4225) idERR\_ABORT\_GPKI\_CERT\_GetSubjectName GPKI\_CERT\_GetSubjectName  
error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01082 ( 4226) idERR\_ABORT\_GPKI\_CERT\_Unload GPKI\_CERT\_Unload error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01083 ( 4227) idERR\_ABORT\_GPKI\_ValueMismatched Value mismatch error**

**Cause:** The random value is different from that of the client.

**Action:** Check the GPKI module version.

**0x01084 ( 4228) idERR\_ABORT\_GPKI\_CRYPT\_Encrypt GPKI\_CRYPT\_Encrypt error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01085 ( 4229) idERR\_ABORT\_GPKI\_CypherTextTooLong CypherTextTooLong error**

**Cause:** The cyphertext is too long.

**Action:** Please send a bug report to the vendor.

**0x01086 ( 4230) idERR\_ABORT\_GPKI\_CRYPT\_Decrypt GPKI\_CRYPT\_Decrypt error: [<0%d>]**

**Cause:** The GPKI module failed to call the function.

**Action:** Check the error number from the altibase\_boot.log file and refer to the GPKI Manual.

**0x01087 ( 4231) idERR\_ABORT\_GPKI\_PlainTextTooLong PlainTextTooLong error**

**Cause:** The plaintext is too long.

**Action:** Please send a bug report to the vendor.

**0x01088 ( 4232) idERR\_ABORT\_GPKI\_dlopen dlopen error [<0%s>]**

**Cause:** dlopen error.

**Action:** Check the shared library.

**0x01089 ( 4233) idERR\_ABORT\_GPKI\_dlsym dlsym error**

**Cause:** dlsym error.

**Action:** Check the shared library.

**0x0108A ( 4234) idERR\_ABORT\_GPKI\_dlclose dlclose error**

**Cause:** dlclose error

**Action:** Check the shared library.

**0x0108B ( 4235) idERR\_ABORT\_CannotShrinkFile The data file size cannot be shrunk.**

**Cause:** The data file size cannot be shrunk.

**Action:** Change the desired data file size setting.

**0x0108D ( 4237) idERR\_ABORT\_idu\_InvalidLicense License invalid or expired.**

**Cause:** The license is invalid or has expired.

**Action:** Install a valid license.

**0x0108E ( 4238) idERR\_ABORT\_idu\_UNLOAD\_ERROR [<0%s>] module unload error.**

**Cause:** Dlclose error.

**Action:** Check the error number from the altibase\_boot.log file and take appropriate action.

**0x0108F ( 4239) idERR\_ABORT\_MODULE\_IS\_NOT\_LOADED [<0%s>] module not loaded.**

**Cause:** A module is not loaded.

**Action:** Check the error number from the altibase\_boot.log file and take appropriate action.

**0x01090 ( 4240) idERR\_ABORT\_FINALIZE\_ERROR [<0%s>] : cannot finalize module.**

**Cause:** Failed to finalize.

**Action:** Check the error number from the altibase\_boot.log file and take appropriate action.

**0x01091 ( 4241) idERR\_ABORT\_CannotOpenDir The system failed to open the directory.**

**Cause:** The system failed to open the directory.

**Action:** Check the error number from the altibase\_boot.log file and take appropriate action.

**0x01092 ( 4242) idERR\_ABORT\_INVALID\_CHARACTER character conversion error**

**Cause:** The source data abnormally terminated in the middle of a multibyte character.

**Action:** Use a complete multibyte character.

**0x01093 ( 4243) idERR\_ABORT\_PARTIAL\_MULTIBYTE\_CHARACTER partial multibyte character**

**Cause:** A partial multibyte character was found at the end of the input.

**Action:** Use a complete multibyte character.

**0x01094 ( 4244) idERR\_ABORT\_BUFFER\_SIZE\_TOO\_SMALL buffer too small to hold the converted characters**

**Cause:** The buffer is not large enough to hold the value.

**Action:** Please send a bug report to the vendor.

**0x01095 ( 4245) idERR\_ABORT\_DATA\_LOSS\_IN\_CONVERSION Character data loss in conversion from NCHAR to CHAR**

**Cause:** When character set conversion happens between CHAR and NCHAR either implicitly or explicitly, some characters are lost due to unmapped characters in the destination character set.

**Action:** Verify that all characters can be mapped to the destination character set, or set NLS\_NCHAR\_CONV\_EXCP to false.

**0x01096 ( 4246) idERR\_ABORT\_FILE\_OPEN Unable to open a file [<0%s>]**

**Cause:** The path or filename is invalid, or the storage manager does not have permission to open the file.

**Action:** Verify that the path and filename are correct and that you have read/write permission for the file.

**0x01097 ( 4247) idERR\_ABORT\_FILE\_CLOSE Unable to close file**

**Cause:** An invalid file handle was specified.

**Action:** Please send a bug report to the vendor.

**0x01098 ( 4248) idERR\_ABORT\_idp\_Property\_NotFound Unable to find the property [SID=<0%s>, Name=<%1s>].**

**Cause:** The specified property is not registered in the system.

**Action:** Verify that the specified property is registered in the system.

**0x01099 ( 4249) idERR\_ABORT\_idp\_Value\_Accept\_Error The property [<0%s>] value [<1%s>] is not acceptable.**



**Cause:** The data format is invalid.

**Action:** Enter a valid data format.

**0x0109A ( 4250) idERR\_ABORT\_idp\_Initialize\_Error Property initialization failed.**

**Cause:** A property is set to an invalid value.

**Action:** Identify and correct the mis-configured property.

**0x0109B ( 4251) idERR\_ABORT\_SysSeek Unable to invoke the seek() function on [<0%s>]**

**Cause:** The system failed to write data to the file due to a physical disk failure or a full disk.

**Action:** Execute the fsck command to troubleshoot and fix any filesystem errors.

**0x0109C ( 4252) idERR\_ABORT\_ART Error generated by Automatic Recovery Test(ART)**

**Cause:** Automatic recovery test generated an abort error.

**Action:** You may safely ignore this error.

**0x0109D ( 4253) idERR\_ABORT\_InsufficientMemory Insufficient memory**

**Cause:** Insufficient memory.

**Action:** Verify that the system has enough available memory.

**0x0109E ( 4254) idERR\_ABORT\_InternalServerError Internal server error.**

**Cause:** An unexpected internal server error has occurred.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x0109F ( 4255) idERR\_ABORT\_IDX\_LIBRARY\_NOT\_FOUND Library file for external procedure/function not found : <0%s><1%s><2%s>**

**Cause:** The library file for the external procedure/function was not found.

**Action:** Verify that the specified library file exists in the library path.

**0x010A0 ( 4256) idERR\_ABORT\_IDX\_FUNCTION\_NOT\_FOUND Function for external procedure/function not found**

**Cause:** A user-defined function for the external procedure/function was not found in the library.

**Action:** Verify that the specified function exists in the library file.

**0x010A1 ( 4257) idERR\_ABORT\_IDX\_ENTRY\_FUNCTION\_NOT\_FOUND Entry function for external procedure/function not found**

**Cause:** An entry function for the external procedure/function was not found in the library.

**Action:** Add the entry function to the library file.

**0x010A2 ( 4258) idERR\_ABORT\_IDX\_INVALID\_PROPERTY\_MANIPULATION Invalid manipulation on a parameter property value of a parameter**

**Cause:** There was an invalid manipulation of a parameter's property value.

**Action:** Check the function in the library.

**0x010A3 ( 4259) idERR\_ABORT\_IDX\_AGENT\_PROCESS\_FAILURE Failed to start an agent process**

**Cause:** Failed to create or start an agent.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x010A4 ( 4260) idERR\_ABORT\_IDX\_CALL\_PROCEDURE\_FAILURE Failed to call external procedure/function**

**Cause:** Failed to call the specified external procedure/function.

**Action:** Check the external procedure definition.

**0x010A5 ( 4261) idERR\_ABORT\_IDX\_AGENT\_CONNECTION\_FAILURE Failed to connect to the agent : <0%s>**

**Cause:** Failed to connect to the agent.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x010A6 ( 4262) idERR\_ABORT\_IDX\_AGENT\_CONNECTION\_LOST Connection to the agent has been lost**

**Cause:** Connection to the agent has been lost.

**Action:** Check the trace logs of the agent.

**0x010A9 ( 4265) idERR\_ABORT\_DOUBLEFREE Tried to free a memory block already freed**

**Cause:** Thread count has reached the limit.

**Action:** Increase the MAX\_THREAD\_COUNT property.

**0x010AA ( 4266) idERR\_ABORT\_DISK\_OR\_DEVICE\_BUSY Disk or device busy ( Name : <0%s>, Start Offset : <1%d>, Write Size : <2%d> )**

**Cause:** The disk space or the user's disk quota has been exhausted.

**Action:** Increase the disk space or the user's quota for the log file, memory db file, or disk tablespace datafile.

**0x010AE ( 4270) idERR\_ABORT\_already\_created The shared memory region is already in use.**

**Cause:** The shared memory region is already in use.

**Action:** Please change the shared memory key value to a different value.

**0x010AF ( 4271) idERR\_ABORT\_SysShmGet Failed to invoke the shmget() system function**

**Cause:** The system failed to allocate a new shared memory region due to the lack of resources on the system.

**Action:** Please adjust parameters in order to obtain sufficient shared memory resources.

**0x010B2 ( 4274) idERR\_ABORT\_No\_More\_Shm\_Key Unable to find an available shared memory key.**

**Cause:** No more shared memory keys are available.

**Action:** Please remove all of the shared memory regions and try again.

**0x010B3 ( 4275) idERR\_ABORT\_NoMore\_SHM\_Page Insufficient memory for database**

**Cause:** The system failed to increase the amount of memory because the database was created in a shared memory region.

**Action:** Please shut down the database and make sure that the system has sufficient memory using xdbshmutil.

**0x010B4 ( 4276) idERR\_ABORT\_Shmem\_Max\_Size A shared memory size consumed exceeds the size than expected.**

**Cause:** The shared memory size property value is less than the size which the process needs.

**Action:** Please increase the size of the shared memory property.

**0x010C0 ( 4288) idERR\_ABORT\_REQUEST\_PROCESS\_FAILURE The process to deal with a request asked by the current process is dead.**

**Cause:** The process to deal with a request is dead.

**Action:** Please send a bug report to the vendor

**0x010C1 ( 4289) idERR\_ABORT\_LATCH\_TIMEOUT Timeout happens while trying to do latch.**

**Cause:** There is a thread or process acquiring a latch for long time.

**Action:** Check which a process or thread get a latch for a long time.

**0x010C9 ( 4297) idERR\_ABORT\_Invalid\_Process\_ID The process ID is invalid.**

**Cause:** There is no process in XDB processes.

**Action:** Please check if the process ID is valid.

**0x010CA ( 4298) idERR\_ABORT\_Invalid\_Thread\_ID The thread ID is invalid.**

**Cause:** There is no thread in XDB processes.

**Action:** Please check if the thread ID is valid.

**0x010CD ( 4301) idERR\_ABORT\_SET\_LATCH\_STACK\_OVERFLOW Set latch stack overflow happens while trying to lock table.**

**Cause:** There are too many table locks acquired in a transaction.

**Action:** Reduce a table count referenced in a transaction (Maximum table count in a transaction is 128 in LOCK\_MGR\_TYPE=1).

**0x010CE ( 4302) idERR\_ABORT\_IDU\_MEMORY\_DEALLOCATION Memory deallocation failed.**

**Cause:** - System call failed.

**Action:** - Please send a bug report to the vendor.

**0x010CF ( 4303) idERR\_ABORT\_IDX\_AGENT\_CONNECTION\_LOST\_WHILE\_RECV Connection to the agent has been lost while receiving (step : <0%d>)**

**Cause:** Connection to the agent has been lost while receiving.

**Action:** Check the trace logs of the agent.

**0x010D0 ( 4304) idERR\_ABORT\_IDX\_AGENT\_CONNECTION\_LOST\_WHILE\_SEND Connection to the agent has been lost while sending (step : <0%d>)**

**Cause:** Connection to the agent has been lost while sending.

**Action:** Check the trace logs of the agent.

**0x010D1 ( 4305) idERR\_ABORT\_IDX\_AGENT\_CONNECTION\_LOST\_BY\_PEER** Connection to the agent has been lost by peer (step : <0%d>, Read Count : <1%d>, Buffer Size : <2%d>)

**Cause:** Connection to the agent has been lost by peer.

**Action:** Check the trace logs of the agent.

**0x010D3 ( 4307) idERR\_ABORT\_IDU\_SHM\_INCOMPATIBLE\_CONFIG** Incompatible changes to the shared memory configuration have been detected. Previously => [ SHM Chunk Size = <0%u>, SHM Max Chunk Count = <1%lu> ] Now => [ SHM Chunk Size = <2%u>, SHM Max Chunk Count = <3%lu> ]

**Cause:** Some of the shared memory configuration have been changed and the changes require the database to be reloaded into the shared memory.

**Action:** Clear the shared memory by issuing xdbshmutil -e command and start the server again.

**0x010D4 ( 4308) idERR\_ABORT\_INVALID\_ENCRYPTED\_TEXT** Malformed or corrupted wrapped unit.

**Cause:** The format of the wrapped unit being compiled is not understood by the compiler. This may be because the unit was edited or modified after it was wrapped.

**Action:** Rewrap the unit.

**0x010D5 ( 4309) idERR\_ABORT\_PERSSYS\_CREATE\_FAILED** Could not create persistent system chunk.

**Cause:** System chunk of persistent memory manager could not be created.

**Action:** Cleanup shared memory and try again, or change system chunk key.

**0x010D6 ( 4310) idERR\_ABORT\_PERSSYS\_MAP\_FAILED** Could not map persistent system chunk.

**Cause:** System chunk of persistent memory manager could not be mapped.

**Action:** Cleanup shared memory and try again, or change system chunk key.

**0x010D7 ( 4311) idERR\_ABORT\_PERS\_SHM\_FULL** Amount of shared memory reached system limit.

**Cause:** Amount of shared memory reached system limit.

**Action:** Cleanup shared memory, or modify kernel parameters to increase shared memory limit.

**0x010D8 ( 4312) idERR\_ABORT\_PERS\_CLEANUP\_FAILED** Could not cleanup shared memory chunks.

**Cause:** Shared memory cleanup failed.

**Action:** Remove persistent system chunk manually.

**0x010D9 ( 4313) idERR\_ABORT\_PERS\_ATTACH\_FAILED** Could not attach shared memory chunk <0%d>(<1%d>,<2%d>) : <3%d>

**Cause:** Shared memory attach data chunk failed.

**Action:** Remove persistent system chunk and try again.

**0x010DA ( 4314) idERR\_ABORT\_PERS\_INVALID\_CHUNK** Chunk <0%d> is invalid.

**Cause:** Shared memory attach data chunk failed.

**Action:** Remove persistent system chunk and try again.

**0x010DB ( 4315) idERR\_ABORT\_PERS\_INVALID\_ADDRESS** Could not access [<0%d>][<1%x>], which is not in [<2%d>][<3%x>]

**Cause:** Invalid access of memory

**Action:** Remove persistent system chunk and try again.

**0x010DC ( 4316) idERR\_ABORT\_PERSSYS\_NOT\_MINE** System chunk was created by other user.

**Cause:** Other user has created a chunk with SHM\_PERS\_KEY

**Action:** Change the property SHM\_PERS\_KEY and try again.

**0x010DD ( 4317) idERR\_ABORT\_FILENAME\_TOO\_LONG** The filename is too long [<0%s>]

**Cause:** The filename is too long.

**Action:** Shorten the filename.

**0x010DE ( 4318) idERR\_ABORT\_FILE\_ALREADY\_EXIST** The file already exists [<0%s>]

**Cause:** The file already exists.

**Action:** Try another filename.

**0x010DF ( 4319) idERR\_ABORT\_INVALID\_ACCESS** Access denied [<0%s>]

**Cause:** The file cannot be accessed.

**Action:** Verify the permission of the file, or the parent directory.

**0x010E0 ( 4320) idERR\_ABORT\_NO\_SUCH\_FILE** No such file exists [<0%s>]

**Cause:** The file does not exist.

**Action:** Verify that the path and the filename are correct.

**0x010E1 ( 4321) idERR\_ABORT\_WRONG\_Profile\_Flag** The value of QUERY\_PROF\_FLAG property exceeds the maximum value(<0%d>).

**Cause:** The current value of QUERY\_PROF\_FLAG property exceeds the maximum value 63.

**Action:** Modify the value of QUERY\_PROF\_FLAG property to be less than or equal to 63.

**0x010EB ( 4331) idERR\_ABORT\_NOT\_SUPPORT\_FALLOCATE** The operation is not supported by the filesystem(or kernel) (<0%s>)

**Cause:** The filesystem(or kernel) containing the file does not support this operation.

**Action:** Set the LOG\_CREATE\_METHOD property value to 0 and restart the server.

**0x010EC ( 4332) idERR\_ABORT\_Sysfallocate** Unable to invoke the fallocate() function on [<0%s>].

**Cause:** The system failed to call the fallocate() function.

**Action:** Set the LOG\_CREATE\_METHOD property value to 0 and restart the server.

**0x010ED ( 4333) idERR\_ABORT\_InternalServerErrorWithString Internal server error ( <0%s> ).**

**Cause:** An unexpected internal server error has occurred.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x010EE ( 4334) idERR\_ABORT\_IDU\_MEMORY\_INVALID\_SET\_STATUS An error has been detected in the memory manager. [<0%s>]**

**Cause:** Internal memory manager error.

**Action:** Set the MEMORY\_ALLOCATOR\_USE\_PRIVATE property to 0 and restart the server. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

## IGNORE

**0x02000 ( 8192) idERR\_IGNORE\_NoError No ID module error**

**Cause:** This is not an error.

**Action:** You may safely ignore this message.

**0x02016 ( 8214) idERR\_IGNORE\_idc\_CHANNEL\_OPEN\_FAILED Unable to open a communication channel because none has been created**

**Cause:** Failed to open a communication channel because no communication channel has been created yet.

**Action:** Check kernel properties.

**0x0206E ( 8302) idERR\_IGNORE\_VAR\_STRING\_APPEND\_FORMAT\_TOO\_LONG VarString appendFormat too long**

**Cause:** VarString appendFormat too long.

**Action:** Internal error.

**0x020A7 ( 8359) idERR\_IGNORE\_THREAD\_CREATEFAIL Thread object cannot be created.**

**Cause:** A thread object cannot be created.

**Action:** Check kernel properties.

**0x020A8 ( 8360) idERR\_IGNORE\_THREADCOUNT\_EXCEEDED The number of Threads has reached to maximum count : <0%d>**

**Cause:** Thread count has reached the limit.

**Action:** Increase the MAX\_THREAD\_COUNT property.

**0x020AB ( 8363) idERR\_IGNORE\_THREAD\_NOTSTARTED Joining a thread that is not started**

**Cause:** Trying to join a thread that is not started.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x020AC ( 8364) idERR\_IGNORE\_THREAD\_UNBOUND Joining a detached thread**

**Cause:** Trying to join a thread that is not joinable

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x020C4 ( 8388) idERR\_IGNORE\_FAIL\_OPEN\_ISQL\_PTY\_FILE can not to open a file that includes the path of pty.**

**Cause:** Failed to can not to open a file that includes the path of xdbisql pty.

**Action:** This error does not originate with Altibase.

**0x020C6 ( 8390) idERR\_IGNORE\_FAIL\_COMMIT\_TRANS\_DUE\_TO\_MAX\_ROW Transaction faces a error while committing.**

**Cause:** The table has more rows than the max row limitation.

**Action:** Check the table's max rows.

**0x020E2 ( 8418) idERR\_IGNORE\_NO\_SUCH\_CPUINFO Unable to retrieve CPU information (errno:<0%d>).**

**Cause:** CPU affinity configuration is not found.

**Action:** Verify the error number in the trace log and contact Altibase Support Center (<http://support.altibase.com>).

**0x020E3 ( 8419) idERR\_IGNORE\_EXCEED\_NUMA\_NODE The NUMA node number [<0%d>] exceeds the maximum value [<1%d>].**

**Cause:** The NUMA node number exceeds the maximum value.

**Action:** Verify the NUMA node number and valid range in the trace log and contact Altibase Support Center. (<http://support.altibase.com>).

**0x020E4 ( 8420) idERR\_IGNORE\_EXCEED\_CPUNO The CPU number [<0%d>]/[<1%d>] exceeded the supported maximum value [<2%d>]/[<3%d>].**

**Cause:** The CPU number exceeds the maximum value.

**Action:** Verify the CPU number and valid range in the trace log and contact Altibase Support Center. (<http://support.altibase.com>).

**0x020E5 ( 8421) idERR\_IGNORE\_INVALID\_CPUNO Invalid CPU number [<0%d>]. The Valid range is 0 to <1%d>.**

**Cause:** The CPU number is invalid.

**Action:** Verify the CPU number and valid range in the trace log and contact Altibase Support Center (<http://support.altibase.com>).

**0x020E6 ( 8422) idERR\_IGNORE\_INVALID\_NUMA\_NODE\_NO Invalid NUMA node number [<0%d>]. The Valid range is 0 to <1%d>.**

**Cause:** The NUMA node number is invalid.

**Action:** Verify the NUMA node number and valid range in the trace log and contact Altibase Support Center (<http://support.altibase.com>).

**0x020E7 ( 8423) idERR\_IGNORE\_BINDTHREAD\_FAILED Unable to set CPU affinity (errno:<0%d>).**

**Cause:** The system function failed to bind cpusets on a thread.

**Action:** Verify the error number in the trace log and contact Altibase Support Center (<http://support.altibase.com>).

**0x020E8 ( 8424) idERR\_IGNORE\_BIND\_PROCESS\_FAILED Failed to set CPU affinity on a process (errno:<0%d>).**

**Cause:** The system function failed to bind cpusets on a process.

**Action:** Verify the error number in the trace log and contact Altibase Support Center (<http://support.altibase.com>).

**0x020E9 ( 8425) idERR\_IGNORE\_UNBINDTHREAD\_FAILED Failed to unset CPU affinity on a thread.**

**Cause:** The CPU number is invalid.

**Action:** This message can be disregarded.

**0x020EA ( 8426) idERR\_IGNORE\_UNBIND\_PROCESS\_FAILED Failed to unset CPU affinity on a process.**

**Cause:** The CPU number is invalid.

**Action:** This message can be disregarded.



## 2.SM Error Code

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### FATAL

#### **0x10002 ( 65538) smERR\_FATAL\_FileDelete Unable to delete <0%s> file**

**Cause:** The system failed to unlink the file.

**Action:** Terminate unnecessary processes.

#### **0x10006 ( 65542) smERR\_FATAL\_MunmapFail Failed to invoke the unmap() system function**

**Cause:** Insufficient system resources.

**Action:** Verify that there are enough system resources. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x1000A ( 65546) smERR\_FATAL\_SysShmDt Failed to invoke the shmctl() system function**

**Cause:** The system failed to detach a shared memory region from a process.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x1000B ( 65547) smERR\_FATAL\_SysShmCtl Failed to invoke the shmctl() system function**

**Cause:** The system failed to remove shared memory.

**Action:** Change kernel parameters related to shared memory.

#### **0x1000C ( 65548) smERR\_FATAL\_SysThrJoin Failed to invoke the thr\_join() system function**

**Cause:** The system failed to join threads.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x1000D ( 65549) smERR\_FATAL\_ThrMutexInit Unable to initialize a mutex.**

**Cause:** The system failed to initialize a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x1000E ( 65550) smERR\_FATAL\_ThrMutexDestroy Failed to invoke the mutex\_destroy() system function**

**Cause:** The system failed to remove a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x1000F ( 65551) smERR\_FATAL\_ThrMutexLock Failed to invoke the mutex\_lock() system function**

**Cause:** The system failed to lock a mutex.

**Action :** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x10010 ( 65552) smERR\_FATAL\_ThrMutexUnlock Failed to invoke the mutex\_unlock() system function**

**Cause:** The system failed to unlock a mutex.

**Action :** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x10011 ( 65553) smERR\_FATAL\_ThrCondInit Failed to invoke the cond\_init() system function**

**Cause:** The system failed to initialize a condition variable.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x10012 ( 65554) smERR\_FATAL\_ThrCondSignal Failed to invoke the cond\_signal() system function**

**Cause:** The system failed to signal using a condition variable.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x10013 ( 65555) smERR\_FATAL\_ThrCondDestroy Failed to invoke the cond\_destroy() system function**

**Cause:** The system failed to remove a condition variable.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x10014 ( 65556) smERR\_FATAL\_ThrCondWait Failed to invoke the cond\_wait() system function**

**Cause:** Invalid condition value or invalid mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x10019 ( 65561) smERR\_FATAL\_SysRead Failed to invoke the read() system function**

**Cause:** The system failed to read from the file.

**Action:** Check the file system.

**0x1001C ( 65564) smERR\_FATAL\_PageCorrupted A page is corrupt. ( Current Space ID : <0%d>, Current Page ID : <1%d> )**

**Cause:** The page was not completely written.

**Action:** Recover the tablespace that contains the corrupt page using backup and recovery utilities.

**0x10043 ( 65603) smERR\_FATAL\_WrongLogFileSize The size of the log file is wrong <0%s>.**

**Cause:** The file system has a problem.

**Action:** Check the file system.

**0x10048 ( 65608) smERR\_FATAL\_TooLongDBName Database filename too long ( A database file name must be shorter than <0%d> characters. )**

**Cause:** The database file name is too long.

**Action:** Use a database file name whose length does not exceed the limit.

**0x1004B ( 65611) smERR\_FATAL\_Shmem\_No\_Permission No permission for the shared memory database**

**Cause:** A shared memory region has already been created with the same key, but with a different UID.

**Action:** Remove the shared memory region, or create a shared memory region with another key.

**0x10050 ( 65616) smERR\_FATAL\_smnNotSupportedIndex The index type is not supported.**

**Cause:** The index type is not supported.

**Action:** Refer to the list of supported index types.

**0x10052 ( 65618) smERR\_FATAL\_smiCursorNotOpened The cursor has not been opened yet.**

**Cause:** The cursor has not been opened yet.

**Action:** Open the cursor before using it.

**0x10054 ( 65620) smERR\_FATAL\_smiNoSelectedRow No rows were selected.**

**Cause:** No rows were selected.

**Action:** Select a row to update or delete.

**0x10057 ( 65623) smERR\_FATAL\_Uncommitted\_Row\_Found An uncommitted row was found.**

**Cause:** An uncommitted row was found.

**Action :** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1005E ( 65630) smERR\_FATAL\_smiChildStatementExist One or more child statements exists.**

**Cause:** A cursor cannot be opened when a child statement exists.

**Action:** Do not open a cursor when a child statement exists.

**0x10063 ( 65635) smERR\_FATAL\_Overflow\_DB\_Size The database size is larger than specified in the property. (Specified Page Limit=<0%lu> : Allocated Page Size=<1%vu>)**

**Cause:** The database page count is too low.

**Action:** Increase the MEM\_MAX\_DB\_SIZE property value.

**0x10068 ( 65640) smERR\_FATAL\_smnColumnNotFound Column not found**

**Cause:** Unable to find the column.

**Action:** Verify that the column you are looking for is valid.

**0x1006A ( 65642) smERR\_FATAL\_Shmem\_Link\_Not\_Exist A shared memory link has been disconnected. Remove it and try again.**

**Cause:** One or more shared memory links are not connected.

**Action:** Remove the shared memory regions and try again.

**0x1006B ( 65643) smERR\_FATAL\_Shmem\_Link\_Invalid\_State Invalid shared memory link found. Remove it and try again.(key = <0%d>)**

**Cause:** The system failed to link a shared memory region.

**Action:** Remove all of the shared memory regions, and try again.

**0x1006C ( 65644) smERR\_FATAL\_Shm\_Link\_Invalid\_Version Invalid shared memory link version. Remove it and try again (key = <0%d>).**

**Cause:** One or more shared memory links has an invalid version.

**Action:** Remove all shared memory regions, and try again.

**0x1006E ( 65646) smERR\_FATAL\_smiCantExecuteDDL Unable to execute a DDL.**

**Cause:** Either another statement already exists or a cursor is already open.

**Action:** Verify that no other statement currently exists. Ensure that cursors are opened only once.

**0x1006F ( 65647) smERR\_FATAL\_smiCantOpenUpdateCursor Unable to open an update cursor.**

**Cause:** A read-only statement is not allowed to open an update cursor.

**Action:** Verify that an update cursor is not opened in a read-only statement.

**0x10070 ( 65648) smERR\_FATAL\_smiCantRestartUpdateCursor Unable to restart an update cursor.**

**Cause:** An update cursor cannot be restarted.

**Action:** Verify that no attempt to restart an update cursor is being made.

**0x1007A ( 65658) smERR\_FATAL\_smiCantEndStatement\_too\_many Unable to end the statement because it has child statements (The number of child statements is [<0%d>].)**

**Cause:** The statement has child statements.

**Action:** End all of the child statements.

**0x1007B ( 65659) smERR\_FATAL\_smiCantEndStatement\_not\_closed Unable to end the statement because it has open cursors.**

**Cause:** The statement has open cursors.

**Action:** Close all of the open cursors.

**0x1007F ( 65663) smERR\_FATAL\_ShmDB\_Signature\_Mismatch The DB signature in the shared memory region and the backup database file are different. (Backup DB : <0%s>, Shared DB : <1%s>)**

**Cause:** The shared memory region and the backup database file have different timestamps.

**Action:** Remove all of the shared memory regions and try again.

**0x10082 ( 65666) smERR\_FATAL\_DISABLED\_ABORT\_IN\_LOGGING\_LEVEL\_0 ABORT is disabled.**

**Cause:** There is no log when LOGGING\_LEVEL is set to 0.

**Action:** Check the value of the LOGGING\_LEVEL and whether a transaction was aborted.

**0x10085 ( 65669) smERR\_FATAL\_CannotOpenDir The system failed to open the directory. ( Directory Name : <0%s> )**

**Cause:** The system failed to invoke the opendir() system function.

**Action:** Check the altibase\_error.log file for details.

**0x10086 ( 65670) smERR\_FATAL\_CannotReadDir The system failed to read the directory.**

**Cause:** The system failed to invoke the readdir\_r() system function.

**Action:** Check the altibase\_boot.log file.

**0x1008A ( 65674) smERR\_FATAL\_MEMBASE\_INVALID The database is inconsistent.**

**Cause:** The database is inconsistent.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1008D ( 65677) smERR\_FATAL\_NotFoundDataFile The data file containing page [<0%d>] does not exist. ( Tablespace - ID : <1%d>, Type : <2%d> )**

**Cause:** The data file does not exist.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1009C ( 65692) smERR\_FATAL\_INVALID\_SHARED\_MEMORY\_DATABASE When the TRANSACTION\_DURABILITY\_LEVEL value is not 3, a shared memory database cannot be used. Set the SHM\_DB\_KEY property to 0.**

**Cause:** An attempt was made to use a shared memory database when the TRANSACTION\_DURABILITY\_LEVEL value was not 3.

**Action:** Please set the TRANSACTION\_DURABILITY\_LEVEL value to 3, or set the SHM\_DB\_KEY value to 0.

**0x100BA ( 65722) smERR\_FATAL\_MISMATCHED\_FILENO\_IN\_LOGFILE Mismatched log file NO. The number of the log file(<0%s>) was originally #<1%d>, which is different from the one indicated by its name, #<2%d>.**

**Cause:** The log file has been renamed.

**Action:** Check if the logfile has been renamed, and rename it to its original name.

**0x100C3 ( 65731) smERR\_FATAL\_INVALID\_MEM\_MAX\_DB\_SIZE MEM\_MAX\_DB\_SIZE(<0%d>) is less than EXPAND\_CHUNK\_PAGE\_COUNT(<1%d>) \* PAGE\_SIZE.**

**Cause:** The MEM\_MAX\_DB\_SIZE property value is invalid.

**Action:** Use a larger value for the MEM\_MAX\_DB\_SIZE property.

**0x100D4 ( 65748) smERR\_FATAL\_TooLongTBSName Tablespace file name too long. (A tablespace file name must be shorter than <0%d> characters.)**

**Cause:** The tablespace file name is too long.

**Action:** Verify that the tablespace file name does not exceed the limit.

**0x100D5 ( 65749) smERR\_FATAL\_Shmem\_Link\_Invalid\_TBSID Invalid shared memory linkage tablespace ID. Remove it and try again (Tablespace ID on Shared Memory Chunk= <0%d>, Expected Tablespace ID on Shared Memory Chunk= <1%d>).**

**Cause:** The tablespace ID and the tablespace ID stored in the tablespace header in shared memory are different.

**Action:** Remove all shared memory regions and restart the server.

#### **0x100D6 ( 65750)**

**smERR\_FATAL\_INVALID\_SHARED\_MEMORY\_DATABASE\_TRIAL\_TO\_DIFFERENT\_RESTORE\_MODE**  
**Invalid Shared Memory. An attempt was made to restore a tablespace in a different mode.**  
**Remove all shared memory regions and restart Altibase.**

**Cause:** A shared memory region is invalid.

**Action:** Remove all shared memory regions and try again.

#### **0x1010C ( 65804) smERR\_FATAL\_ALLOC\_NEW\_EXPAND\_CHUNK Fatal error during alloc new expand chunk**

**Cause:** Insufficient available memory.

**Action:** Verify that there is enough available memory and disk space.

#### **0x1013A ( 65850) smERR\_FATAL\_ErrNeedMoreLog There are insufficient logfiles, or invalid logfiles at '<0%s>'.**

**Cause:** There are insufficient or invalid logfiles.

**Action:** Check the logfiles.

#### **0x10191 ( 65937) smERR\_FATAL\_PageFlushStopped Failed to flush pages. [err:%d]**

**Cause:** The secondary flusher has stopped due to an unexpected problem.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x10192 ( 65938) smERR\_FATAL\_PageReadStopped Failed to read a page.**

**Cause:** Cannot read page from the secondary buffer.

**Action:** Check the secondary buffer path.

#### **0x101AF ( 65967) smERR\_FATAL\_InvalidLSNOffset Invalid LSN Offset (File No=<0%u>, Offset=<1%u>)**

**Cause:** LSN Offset is invalid.

**Action:** Check the error number from the trace log and contact Altibase's Support Center(<http://support.altibase.com>).

## **ABORT**

#### **0x11000 ( 69632) smERR\_ABORT\_already\_created The shared memory region is already in use.**

**Cause:** The shared memory region is already in use.

**Action:** Change the shared memory key value to a different value.

#### **0x11001 ( 69633) smERR\_ABORT\_NoMore\_SHM\_Page Insufficient memory for database**

**Cause:** The system failed to increase the amount of memory because the database was created in a shared memory region.

**Action:** Shut down the database and verify that the system has sufficient memory using shmutil.

**0x11003 ( 69635) smERR\_ABORT\_FileDelete Unable to delete <0%s> file**

**Cause:** The system failed to unlink the file.

**Action:** Terminate unnecessary processes.

**0x11008 ( 69640) smERR\_ABORT\_SysShmGet Failed to invoke the shmget() system function**

**Cause:** The system failed to allocate a new shared memory region due to the lack of resources on the system.

**Action:** Adjust parameters in order to obtain sufficient shared memory resources.

**0x11009 ( 69641) smERR\_ABORT\_SysShmAt Failed to invoke the shmat() system function**

**Cause:** The system failed to attach a shared memory region to a process.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x11016 ( 69654) smERR\_ABORT\_NotFoundSavepoint Savepoint not found**

**Cause:** There is no such savepoint in the transaction.

**Action:** Verify that the use of the savepoint is correct.

**0x11018 ( 69656) smERR\_ABORT\_BACKUP\_DISK\_INVALID The version of data file for backup is not compatible with the version of storage manager. Backup DB => [ Version ID = <0%s>, Bit = <1%d>, Endian = <2%s> LogSize = <3%lu> Transaction Table Size = <4%d> ] Server=>[ Version ID = <5%s>, Bit = <6%d>, Endian = <7%s> LogSize = <8%lu> Transaction Table Size = <9%d> ]**

**Cause:** Database data files are not backwards compatible.

**Action:** Import or export the database, or use a previous version of the storage manager that is compatible with the data file.

**0x1101F ( 69663) smERR\_ABORT\_InvalidAutoExtFileSize The MAXSIZE of the data file cannot be less than its current size. ( Request Max Size : <0%lu> pages, Current Size : <1%lu> pages )**

**Cause:** The MAXSIZE of the data file is less than the current size of the data file.

**Action:** Set the MAXSIZE of the data file appropriately.

**0x11020 ( 69664) smERR\_ABORT\_InitExceedMaxFileSize The INITSIZE of the data file exceeds the maximum file size. ( Request Init Size : <0%lu> pages, Maximum File Size : <1%lu> pages )**

**Cause:** The INITSIZE of the data file exceeds the maximum file size.

**Action:** Set the INITSIZE of the data file correctly.

**0x11022 ( 69666) smERR\_ABORT\_MaxExceedMaxFileSize The MAXSIZE of the data file exceeds the maximum file size. ( Request Max Size : <0%lu> pages, Maximum File Size : <1%lu> pages )**

**Cause:** The MAXSIZE of the data file exceeds the maximum file size.

**Action:** Set the MAXSIZE of the data file correctly.

**0x11023 ( 69667) smERR\_ABORT\_InvalidFilePathABS The data file path is not an absolute path.**

**Cause:** The data file path must be an absolute path.

**Action:** Check the environment variable ALTIBASE\_HOME for this account.

**0x11024 ( 69668) smERR\_ABORT\_InvalidFilePathKeyword The data file path contains special keywords or reserved system keywords.**

**Cause:** The data file path contains special keywords or reserved system keywords.

**Action:** Verify that the data file path does not contain special keywords or reserved system keywords.

**0x11025 ( 69669) smERR\_ABORT\_AlreadyExistFile The data file already exists ( File Name : <0%s> ).**

**Cause:** The data file already exists.

**Action:** Add the 'REUSE' clause to the CREATE statement, or remove the existing datafile.

**0x11027 ( 69671) smERR\_ABORT\_NotExistFile The data file does not exist.**

**Cause:** The data file does not exist.

**Action:** Verify that the data file exists.

**0x11028 ( 69672) smERR\_ABORT\_NoReadPermFile The path[ <0%s> ] does not pass the test for read permission.**

**Cause:** The path does not pass the test for read permission.

**Action:** Grant read permission for the path.

**0x11029 ( 69673) smERR\_ABORT\_NoWritePermFile The path[ <0%s> ] does not pass the test for write permission.**

**Cause:** The path does not pass the test for write permission.

**Action:** Grant write permission for the path.

**0x1102A ( 69674) smERR\_ABORT\_NotFoundTableSpaceNodeByName Tablespace node not found ( Name : <0%s> )**

**Cause:** The tablespace was not found.

**Action:** Verify that the desired tablespace exists.

**0x1102B ( 69675) smERR\_ABORT\_NotFoundTableSpaceNode Tablespace node not found ( ID : <0%d> )**

**Cause:** The tablespace was not found.

**Action:** Verify that the desired tablespace exists.

**0x1102C ( 69676) smERR\_ABORT\_MustBeDataFileOnlineMode The data file node must be in online mode (FID:<0%d>).**

**Cause:** The data file node must be in online mode.

**Action:** Change the data file node to online mode and try again.

**0x11030 ( 69680) smERR\_ABORT\_InvalidExtendFileSize The data file cannot be increased in size because the requested size is bigger than the maximum size. ( Request Size : <0%lu> pages, Maximum File size : <1%lu> pages )**



**Cause:** The datafile cannot be resized to a value that exceeds its maximum size.

**Action:** Resize the datafile to a size that does not exceed its maximum limit.

**0x11031 ( 69681) smERR\_ABORT\_NotEnoughTableSpaceID Unable to create tablespace.  
(current greatest tablespace ID : <0%d>)**

**Cause:** The number of tablespaces has reached the maximum.

**Action:** Use an existing tablespace or rebuild the database.

**0x11032 ( 69682) smERR\_ABORT\_AlreadySetAutoExtendMode The attribute of AUTOEXTEND mode has already been set. (FID :<0%d>)**

**Cause:** The AUTOEXTEND mode has already been set.

**Action:** No action is necessary.

**0x11033 ( 69683) smERR\_ABORT\_forbiddenOpWhileBackup <0%s> cannot operate while a tablespace is in the process of being backed up.**

**Cause:** A tablespace is currently being backed up.

**Action:** Wait until the tablespace backup process finishes.

**0x11034 ( 69684) smERR\_ABORT\_NotFoundDataFileNode Data file node not found ( <0%s> )**

**Cause:** The data file node was not found.

**Action:** Verify that the data file exists.

**0x11035 ( 69685) smERR\_ABORT\_NotEnoughFreeSpace The tablespace does not have enough free space ( TBS Name :<0%s>, Type : <1%d>, Used Page Limit : <2%d> ).**

**Cause:** The tablespace does not have enough free space.

**Action:** Add a new data file.

**0x11036 ( 69686) smERR\_ABORT\_CannotRemoveDataFileNode The data file is in use.**

**Cause:** The data file is in use.

**Action:** No action is necessary.

**0x11037 ( 69687) smERR\_ABORT\_CannotDropTableSpace Unable to drop system-related tablespaces.**

**Cause:** SYSTEM, UNDO, and SYSTEM TEMP tablespaces cannot be dropped.

**Action:** Verify that the tablespace is not a system tablespace.

**0x11039 ( 69689) smERR\_ABORT\_InvalidLogAnchorFile The log anchor file does not exist or is not valid.**

**Cause:** The loganchor file does not exist or is invalid.

**Action:** Specify the loganchor file directory for the LOGANCHOR\_DIR property.

**0x1103E ( 69694) smERR\_ABORT\_MediaRecoDataFile <0%s> is only allowed during the control phase.**

**Cause:** The user tried to execute ALTER DATABASE CREATE data file, or tried to rename a file, during the service phase.

**Action:** Shut down and start up in the control phase.

**0x11041 ( 69697) smERR\_ABORT\_Aborted A deadlock situation has been detected.**

**Cause:** A deadlock victim transaction has been stopped and terminated due to the deadlock resolution scheme.

**Action:** The transaction was rolled back. Re-execute the transaction.

**0x11044 ( 69700) smERR\_ABORT\_SequenceReachMaxValue Sequence upper bound exceeded**

**Cause:** Sequence upper bound exceeded.

**Action:** Reinitialize the sequence.

**0x11045 ( 69701) smERR\_ABORT\_SequenceReachMinValue Sequence lower bound exceeded**

**Cause:** Sequence lower bound exceeded.

**Action:** Reinitialize the sequence.

**0x11046 ( 69702) smERR\_ABORT\_SequenceNotInitialized The sequence has not been initialized yet.**

**Cause:** An attempt was made to use a sequence that has not been initialized yet.

**Action:** Reinitialize the sequence first.

**0x11047 ( 69703) smERR\_ABORT\_NotDir Not a directory**

**Cause:** The specified path is not a directory.

**Action:** Specify a valid directory name.

**0x11049 ( 69705) smERR\_ABORT\_TooManyPage Too many pages were allocated ( Maximum Number of Pages=<0%ld> ).**

**Cause:** The number of pages has exceeded the maximum limit.

**Action:** The system failed to increase the size of the database. Refer to the SQL manual.

**0x1104A ( 69706) smERR\_ABORT\_smiTraverseNotApplicable Unable to traverse**

**Cause:** Failed to next-traverse a cursor because the cursor was not used in the proper order.

**Action:** Traverse the cursor in the correct order.

**0x1104D ( 69709) smERR\_ABORT\_smiUpdateStatementExist An update statement already exists.**

**Cause:** An UPDATE statement already exists.

**Action:** Do not use the savepoint operation when an UPDATE statement exists on one of the parent statements.

**0x1104E ( 69710) smERR\_ABORT\_smiStatementExist One or more statements exist.**

**Cause:** One or more statements exist.

**Action:** A transaction operation can be used only when no statements exist.

**0x1104F ( 69711) smERR\_ABORT\_smiUpdateOverflow Too many update cursors on a transaction**

**Cause:** The number of update cursors on a transaction exceeds the limitation.

**Action:** Roll back the work of the transaction.

**0x11051 ( 69713) smERR\_ABORT\_smiCursorOpened The cursor has already been opened.**

**Cause:** The cursor has already been opened.

**Action:** Open another cursor, or do not open the same cursor twice.

**0x11053 ( 69715) smERR\_ABORT\_smiWriteNotApplicable The function is not allowed to be used in read-only mode.**

**Cause:** This function cannot be used in read-only mode.

**Action:** Verify that the function can be used in read-only mode.

**0x11058 ( 69720) smERR\_ABORT\_smnUniqueViolation The row already exists in a unique index.**

**Cause:** A duplicate key was inserted or updated.

**Action:** Do not insert or update a duplicate key, or drop the unique constraint.

**0x11059 ( 69721) smERR\_ABORT\_smnNotFoundByIndexName Index type name not found**

**Cause:** It is impossible to find the index type name

**Action:** Select an appropriate index.

**0x1105A ( 69722) smERR\_ABORT\_smcFixedPageSizeError The fixed record size exceeds the size of one page.**

**Cause:** A table could not be created because the record size exceeds the size of one page.

**Action:** Create a table for which the record size is less than the size of one page.

**0x1105B ( 69723) smERR\_ABORT\_smcVarColumnSizeError A variable column size exceeds the maximum size for a variable column.**

**Cause:** A variable column that is larger than a page cannot be created.

**Action:** Reduce the size of the variable column so that it is less than the size of one page.

**0x1105C ( 69724) smERR\_ABORT\_Too\_Long\_Var\_Data A variable data size exceeds the maximum size of a variable item.**

**Cause:** A variable data size exceeds the maximum size of a variable item.

**Action:** Change the variable data's length so that it does not exceed 32KB.

**0x1105D ( 69725) smERR\_ABORT\_smiCantBeginUpdateStatement Unable to begin a new update statement.**

**Cause:** Either the statement is read-only, or more than one UPDATE child statement has been requested.

**Action:** Verify that the request to begin a new UPDATE statement is valid.

**0x1105F ( 69727) smERR\_ABORT\_smiUpdateSameTable No more than one update cursor can be used on a table.**

**Cause:** Only one update cursor can be used on a table.

**Action:** Do not use more than one update cursor on a table.

**0x11060 ( 69728) smERR\_ABORT\_Already\_Locked A lock has already been acquired by another transaction.**

**Cause:** A lock has already been acquired by another transaction.

**Action:** This situation occurs when a user executes a DDL, and a locked item has already been modified by another transaction.

**0x11061 ( 69729) smERR\_ABORT\_Column\_Mismatch Unable to alter the table because the information does not correspond to the definition of the column.**

**Cause:** Table information (e.g. a constraint) cannot be modified because it is not in the specified column.

**Action:** Try again with the correct column and modification information.

**0x11062 ( 69730) smERR\_ABORT\_Index\_Not\_Found The index was not found on the database.**

**Cause:** The index was not found in the database.

**Action:** Verify that the index is correct.

**0x11064 ( 69732) smERR\_ABORT\_Table\_Not\_Found The table was not found in the database.**

**Cause:** The specified table was not found in the database.

**Action:** Verify that the specified table exists in the database.

**0x11065 ( 69733) smERR\_ABORT\_Maximum\_Index\_Count The number of indices in the table exceeds the limit(<0%d>).**

**Cause:** The number of indices in the table exceeds the limit.

**Action:** Do not create more than the allowed number of indices for a table.

**0x11066 ( 69734) smERR\_ABORT\_Invalid\_ID\_Value Invalid column ID**

**Cause:** The column IDs in the column list do not increment sequentially.

**Action:** Verify that the column ID is correct and create the table again.

**0x11067 ( 69735) smERR\_ABORT\_Maximum\_Column\_count Too many columns in a table**

**Cause :** Too many columns were specified in the CREATE/ALTER TABLE statement.

**Action:** Reduce the number of columns to 1024 or less.

**0x11069 ( 69737) smERR\_ABORT\_INTERNAL\_ARG Internal server error in the storage manager (<0%s>**

**Cause:** Internal server error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1106D ( 69741) smERR\_ABORT\_No\_More\_Shmem\_Key Unable to find an available shared memory key.**

**Cause:** No more shared memory keys are available.

**Action:** Remove all of the shared memory regions and try again.

**0x11071 ( 69745) smERR\_ABORT\_smiNotRootStatement Statement must be the root of the statement.**

**Cause:** The statement is not the root of the statement.

**Action:** Abort the transaction.

**0x11072 ( 69746) smERR\_ABORT\_smiInvalidCursorOpen Invalid cursor open**

**Cause:** Invalid cursor open

**Action:** Abort the transaction.

**0x11074 ( 69748) smERR\_ABORT\_InvalidBackupFile [<0%s>] is an invalid backup file for the table.**

**Cause:** The table backup file is invalid.

**Action:** Check the database version or backup file.

**0x11075 ( 69749) smERR\_ABORT\_smcExceedLockTimeWait The transaction has exceeded the lock timeout specified by the user.**

**Cause:** The transaction failed to lock the object.

**Action:** Increase the transaction's lock timeout value or check whether the data has a transaction with a long-term lock.

**0x11076 ( 69750) smERR\_ABORT\_NoExistFile File not found (<0%s>)**

**Cause:** The db file or log file does not exist.

**Action:** Verify that the path and filename are correct.

**0x11077 ( 69751) smERR\_ABORT\_NoExistPath Directory path not found (<0%s>).**

**Cause:** The directory path does not exist.

**Action:** Create the directory path or specify a valid directory.

**0x11079 ( 69753) smERR\_ABORT\_BackupWrite Disk full.**

**Cause:** The disk is full.

**Action:** Provide additional disk space.

**0x1107C ( 69756) smERR\_ABORT\_dropped\_Sequence The sequence has already been dropped.**

**Cause:** The sequence has already been dropped.

**Action:** Check whether the sequence exists.

**0x11084 ( 69764) smERR\_ABORT\_DISABLED\_INDEX The Index is disabled.**

**Cause:** The Index with the table is disabled.

**Action:** Enable the index associated with the table.

**0x11087 ( 69767) smERR\_ABORT\_ExceedMaxRows The record count has reached the maximum limit.**

**Cause:** The number of records has reached or exceeded the maximum limit.

**Action:** Increase the values of MAXROWS for the table.

**0x11088 ( 69768) smERR\_ABORT\_INVALID\_ROW\_SCN Invalid row SCN**

**Cause:** Invalid row SCN

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x11089 ( 69769) smERR\_ABORT\_INVALID\_COLUMN\_SIZE Invalid column size**

**Cause:** The size of the column is invalid.

**Action:** Check the altibase\_error.log file for details.

**0x1108C ( 69772) smERR\_ABORT\_Invalid\_MaxRows Invalid MAXROWS value**

**Cause:** The values of MAXROWS is less than the number of records.

**Action:** Increase the values of MAXROWS.

**0x1108E ( 69774) smERR\_ABORT\_NotFoundDataFileNodeByID Data file node not found (ID : <0%d>)**

**Cause:** The data file node does not exist.

**Action:** Check the data file.

**0x1108F ( 69775) smERR\_ABORT\_CanStartARCH Archive thread cannot be started in NO ARCHIVE mode**

**Cause:** The user tried to start an archive thread in NO ARCHIVE mode.

**Action:** Shut down, start up to the control phase and then execute the ALTER DATABASE ARCHIVELOG statement.

**0x11090 ( 69776) smERR\_ABORT\_BackupDatafile The system failed to back up <0%s> <1%s> file.**

**Cause:** An error occurred while copying a memory region or a data file of a disk tablespace.

**Action:** Check the disk.

**0x11091 ( 69777) smERR\_ABORT\_DontNeedBackupTempTBS TEMP tablespace backup not required.**

**Cause:** The user tried to back up the TEMP tablespace.

**Action:** Do not back up the TEMP tablespace. It is unnecessary because the TEMP tablespace is initialized whenever the server starts.

**0x11093 ( 69779) smERR\_ABORT\_WrongStartupPhase Wrong startup phase. proceed to the correct startup phase.**

**Cause:** Wrong startup phase. Proceed to the correct startup phase.

**Action:** Proceed to the correct startup phase.

**0x11094 ( 69780) smERR\_ABORT\_ErrArchiveLogMode Execution impossible in NO ARCHIVE mode.**

**Cause:** Restart recovery cannot be performed in noarchivelog mode.

**Action:** To execute restart recovery, switch to archivelog mode.

**0x11095 ( 69781) smERR\_ABORT\_NeedMediaRecovery Start up in the CONTROL phase and then execute a complete media recovery.**

**Cause:** The data file does not exist or is not valid.

**Action:** Run a complete media recovery in the CONTROL phase.

**0x11098 ( 69784) smERR\_ABORT\_BackupLogMode <0%s> cannot be executed in NOARCHIVELOG mode.**

**Cause:** Restart recovery cannot be performed in noarchivelog mode.

**Action:** To execute restart recovery, switch to archivelog mode.

**0x11099 ( 69785) smERR\_ABORT\_UseFileInOtherTBS The file name [<0%s>] is in use by another tablespace.**

**Cause:** The file name is in use by another tablespace.

**Action:** Select another name for the destination file.

**0x1109A ( 69786) smERR\_ABORT\_SelfCopy Unable to copy the file because the source and destination are the same.**

**Cause:** The source and the destination path and filename are the same.

**Action:** Choose another destination path.

**0x1109B ( 69787) smERR\_ABORT\_NotSupport <0%s> is not supported yet.**

**Cause:** An attempt was made to execute an unsupported command.

**Action:** No action is necessary.

**0x110A1 ( 69793) smERR\_ABORT\_InvalidFileHdr Invalid data file header {SID:<0%d> - FID:<1%d>}**

**Cause:** Invalid data file header

**Action:** Copy a valid data file to [MEM\_DB\_DIR].

**0x110A2 ( 69794) smERR\_ABORT\_NeedResetLogs Incomplete media recovery. Resetlogs required.**

**Cause:** The media recovery attempt was incomplete because the resetlogs are needed.

**Action:** Start up in the meta phase using the RESETLOGS option.

**0x110A4 ( 69796) smERR\_ABORT\_BACKUP\_GOING Backup in progress. Wait until the current backup is completed.**

**Cause:** It is impossible to switch logfiles while a backup is in progress.

**Action:** Wait until the current backup process is completed.

**0x110A5 ( 69797) smERR\_ABORT\_NotBeginBackup Tablespace : <0%d> BACKUP is not in progress.**

**Cause:** The tablespace backup has not yet begun.

**Action:** Execute the following statement first: ALTER TABLESPACE tablespacename BEGIN BACKUP.

**0x110A6 ( 69798) smERR\_ABORT\_NoActiveBeginBackup** The backup process is not currently underway.

**Cause:** The backup process is not currently underway.

**Action:** Execute the following statement first: ALTER TABLESPACE tablespacename BEGIN BACKUP.

**0x110A8 ( 69800) smERR\_ABORT\_NoExecutePermFile** No execution permission for the path [ <0%s> ].

**Cause:** File execution is not permitted for this path.

**Action:** Add file execution permission for this path.

**0x110A9 ( 69801) smERR\_ABORT\_AlreadyBeginBackup** The tablespace <0%d> backup is in the BEGIN state.

**Cause:** The tablespace backup has already begun.

**Action:** Alter the previously completed backup of the tablespace.

**0x110AA ( 69802) smERR\_ABORT\_AlreadyExistTableName** Duplicate tablespace names [ <0%s> ].

**Cause:** Duplicate tablespace names.

**Action:** Check the tablespace names.

**0x110AC ( 69804) smERR\_ABORT\_TableLockUse** X or S table lock is not allowed while the TABLE\_LOCK\_ENABLE property is 0.

**Cause:** The user tried to execute a DDL command when the TABLE\_LOCK\_ENABLE property was 0.

**Action:** Change the TABLE\_LOCK\_ENABLE value to 1.

**0x110AD ( 69805) smERR\_ABORT\_ActiveTransExits** The alter system TABLE\_LOCK\_ENABLE can't be executed when an active transaction exists.

**Cause:** A transaction is still active.

**Action:** End all active transactions and try again.

**0x110AF ( 69807) smERR\_ABORT\_OSFileSizeLimit\_ERROR** The maximum file size of the OS is less than the database file size that was specified in the CREATE DATABASE statement ( <0%lu> MB ).

**Cause:** The maximum file size of the OS is less than that specified in the property.

**Action:** Increase the maximum file size of the OS.

**0x110B0 ( 69808) smERR\_ABORT\_GETLIMIT\_ERROR** Failed to invoke the getrlimit() system function

**Cause:** The system failed to map the log file.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x110B1 ( 69809) smERR\_ABORT\_CantAllocTrans** Unable to allocate a nested transaction object



**Cause:** There is no free transaction object available.

**Action:** Wait until there is room for a free transaction object.

**0x110B2 ( 69810) smERR\_ABORT\_InvalidDB Database information is invalid.**

**Cause:** Database information is invalid.

**Action:** Check the error number from altibase\_sm.log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x110B3 ( 69811) smERR\_ABORT\_DIFFERENT\_DB\_FREE\_PAGE\_LIST\_COUNT Different Page List Count. The value of the PAGE\_LIST\_GROUP\_COUNT property is different from the one used when createdb was executed. ( current PAGE\_LIST\_GROUP\_COUNT:<0%d>, createdb's PAGE\_LIST\_GROUP\_COUNT <1%d> )**

**Cause:** The value of the PAGE\_LIST\_GROUP\_COUNT property is different from the one used when createdb was executed.

**Action:** Set the PAGE\_LIST\_GROUP\_COUNT value to exactly the same value specified when the database was created.

**0x110B4 ( 69812) smERR\_ABORT\_DIFFERENT\_DB\_EXPAND\_CHUNK\_PAGE\_COUNT Different Expand Chunk Page Count. The value of the EXPAND\_CHUNK\_PAGE\_COUNT property is different from the one used when createdb was executed. ( current EXPAND\_CHUNK\_PAGE\_COUNT:<0%d>, createdb EXPAND\_CHUNK\_PAGE\_COUNT <1%d> )**

**Cause:** The value of the EXPAND\_CHUNK\_PAGE\_COUNT property is different from the one used when createdb was executed.

**Action:** Set the EXPAND\_CHUNK\_PAGE\_COUNT to exactly the same value specified when the database was created.

**0x110B5 ( 69813) smERR\_ABORT\_TOO\_MANY\_PER\_LIST\_PAGE\_COUNT\_ERROR Too many pages in per list page count. ( Change property values to meet the condition  $\text{EXPAND\_CHUNK\_PAGE\_COUNT}(<0\%lu>) \geq 2 * \text{PER\_LIST\_DIST\_PAGE\_COUNT}(<1\%lu>) * \text{PAGE\_LIST\_GROUP\_COUNT}(<2\%lu>)$ . )**

**Cause:** An expand chunk must have enough pages to be distributed to all database free page list at least twice. The user has specified property values that does not satisfy this condition,  $\text{EXPAND\_CHUNK\_PAGE\_COUNT} \leq 2 * \text{PER\_LIST\_DIST\_PAGE\_COUNT} * \text{PAGE\_LIST\_GROUP\_COUNT}$ .

**Action:** Change EXPAND\_CHUNK\_PAGE\_COUNT or PER\_LIST\_DIST\_PAGE\_COUNT to meet the condition  $\text{EXPAND\_CHUNK\_PAGE\_COUNT} \leq 2 * \text{PER\_LIST\_DIST\_PAGE\_COUNT} * \text{PAGE\_LIST\_GROUP\_COUNT}$ .

**0x110B7 ( 69815) smERR\_ABORT\_InvalidUseResetLog There is no need to use resetlog.**

**Cause:** There is no need to use resetlog.

**Action:** Do not use resetlog when not necessary.

**0x110BC ( 69820) smERR\_ABORT\_WaitLogFileOpen Unable to open log file<%s>.**

**Cause:** The system failed to open the log file.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x110C1 ( 69825) smERR\_ABORT\_NotFoundDataFile** The data file containing page [<0%d>] does not exist. ( Tablespace - ID : <1%d>, Type : <2%d> )

**Cause:** The data file does not exist.

**Action:** Verify that the data file exists.

**0x110C2 ( 69826) smERR\_ABORT\_ART** Error generated by Automatic Recovery Test(ART)

**Cause:** This error was generated by Automatic Recovery Test(ART).

**Action:** You may safely ignore this error.

**0x110C4 ( 69828) smERR\_ABORT\_CannotSpanTransByLobLocator** LobLocator cannot span the transaction <0%d>.

**Cause:** The transaction pointed to by Loblocator has ended.

**Action:** No action is necessary.

**0x110C5 ( 69829) smERR\_ABORT\_LobCursorClosed** LobCursor already closed <0%d> ,<1%d>.

**Cause:** An attempt was made to use a lob cursor that was already closed.

**Action:** No action is necessary.

**0x110C6 ( 69830) smERR\_ABORT\_CanNotModifyLob** Cannot modify a lob using a read-only LobCursor.

**Cause:** An attempt was made to modify a lob using a read-only lob cursor.

**Action:** No action is necessary.

**0x110C7 ( 69831) smERR\_ABORT\_MissMatchedLobTransID** While copying a lob, mismatched source lob <0%d> and destination lob <1%d> transaction ID were found.

**Cause:** An attempt was made to modify a lob using a read-only lob cursor.

**Action:** No action is necessary.

**0x110C8 ( 69832) smERR\_ABORT\_overflowLobCursorID** Lob cursor ID overflow

**Cause:** Too many lob cursors have been opened.

**Action:** Close the lob cursor.

**0x110C9 ( 69833) smERR\_ABORT\_PrePareWriteProtocol** Lob write preparation protocol error

**Cause:** Before writing was completed, another attempt to write to the lob was made.

**Action:** No action is necessary.

**0x110CA ( 69834) smERR\_ABORT\_FinishWriteProtocol** Lob write finish protocol error

**Cause:** The lob could not be written to before writing was completed.

**Action:** No action is necessary.

**0x110CB ( 69835) smERR\_ABORT\_RangeError** The lob operation range (<0%d> ~ <1%d>) is not in the target range (<2%d> ~ <3%d>)

**Cause:** Lob write range error.

**Action:** No action is necessary.

**0x110CC ( 69836) smERR\_ABORT\_LobCursorTooOld The lob cursor is too old.**

**Cause:** Because another statement updated the same row, this lob cursor became too old.

**Action:** Reopen the lob cursor.

**0x110CD ( 69837) smERR\_ABORT\_InvalidLobStartOffset Lob operation start offset [<0%d>] > current lob length [<1%d>]**

**Cause:** While preparing for writing, the operation start offset was found to be greater than the current length of the lob.

**Action:** No action is necessary.

**0x110D0 ( 69840) smERR\_ABORT\_MaxLobErrorSize The lob size is bigger than the maximum lob size**

**Cause:** The lob size is bigger than the maximum lob size.

**Action:** Ensure that the lob size is correct.

**0x110D1 ( 69841) smERR\_ABORT\_INVALID\_LOB\_CURSOR\_MODE If the table cursor is read-only, the lob cursor must also be read-only.**

**Cause:** The LOB cursor must be read-only if the table cursor is read-only.

**Action:** Verify that the LOB cursor is read-only.

**0x110D7 ( 69847) smERR\_ABORT\_INVALID\_STARTUP\_PHASE\_NOT\_CONTROL <0%s> is only allowed during the control phase.**

**Cause:** The user tried to execute a statement which may only be executed in the CONTROL phase.

**Action:** Shut down, start up to the CONTROL phase and try again.

**0x110D8 ( 69848) smERR\_ABORT\_CPATH\_NOT\_EXIST The checkpoint path '<0%s>' does not exist.**

**Cause:** The user tried to use a checkpoint path that does not exist.

**Action:** Verify that the checkpoint path exists.

**0x110D9 ( 69849) smERR\_ABORT\_CPATH\_NO\_READ\_PERMISSION The checkpoint path '<0%s>' does not have READ permission.**

**Cause:** The user tried to use a checkpoint path that does not have READ permission.

**Action:** Verify that the checkpoint path has READ permission.

**0x110DA ( 69850) smERR\_ABORT\_CPATH\_NO\_WRITE\_PERMISSION The checkpoint path '<0%s>' does not have WRITE permission.**

**Cause:** The user tried to use a checkpoint path that does not have WRITE permission.

**Action:** Verify that the checkpoint path has WRITE permission.

**0x110DB ( 69851) smERR\_ABORT\_CPATH\_NO\_EXEC\_PERMISSION The checkpoint path '<0%s>' does not have EXECUTE permission.**

**Cause:** The user tried to use a checkpoint path that does not have EXECUTE permission.

**Action:** Verify that the checkpoint path has EXECUTE permission.

**0x110DC ( 69852) smERR\_ABORT\_CPATH\_NOT\_A\_DIRECTORY** The checkpoint path '<0%s>' is not a directory.

**Cause:** The user tried to use a checkpoint path that is not a directory.

**Action:** Verify that the checkpoint path is a directory.

**0x110DD ( 69853) smERR\_ABORT\_CPATH\_NODE\_NOT\_EXIST** The checkpoint path node '<0%s>' does not exist.

**Cause:** The user tried to rename or drop a checkpoint path that does not exist.

**Action:** Verify that the checkpoint path exists.

**0x110DE ( 69854) smERR\_ABORT\_UNABLE\_TO\_DROP\_LAST\_CPATH** A tablespace needs at least one checkpoint path. Unable to drop the checkpoint path '<0%s>'.

**Cause:** The user tried to drop the only checkpoint path in the tablespace.

**Action:** Rename the checkpoint path instead of dropping it.

**0x110DF ( 69855) smERR\_ABORT\_CPATH\_ALREADY\_EXISTS** The checkpoint path node '<0%s>' already exists.

**Cause:** The user tried to add a checkpoint path that already exists.

**Action:** Do not try to add a checkpoint path that already exists.

**0x110E0 ( 69856) smERR\_ABORT\_ALTER\_TBS\_AUTOEXTEND\_ALREADY\_SET** The attribute of AUTOEXTEND mode has already been set.

**Cause:** The AUTOEXTEND mode has already been set.

**Action:** No action is necessary.

**0x110E1 ( 69857) smERR\_ABORT\_ALTER\_TBS\_NEXTSIZE\_NOT\_ALIGNED\_TO\_CHUNK\_SIZE** The NEXT attribute must be a multiple of the expand chunk size ( <0%lu>K )

**Cause:** The NEXT attribute must be a multiple of the expand chunk size. The expand chunk size is calculated by EXPAND\_CHUNK\_PAGE\_COUNT \* PAGE\_SIZE

**Action:** Verify that the NEXT size is aligned to EXPAND\_CHUNK\_PAGE\_COUNT \* PAGE\_SIZE.

**0x110E2 ( 69858) smERR\_ABORT\_ALTER\_TBS\_MAXSIZE\_LESSTHAN\_CURRENT\_SIZE** The MAXSIZE attribute must be greater than or equal to the current size of the tablespace ( <0%lu>K )

**Cause:** The MAXSIZE attribute is less than the current size of the tablespace.

**Action:** Verify that the MAXSIZE attribute is greater than or equal to the current size of the tablespace.

**0x110E3 ( 69859) smERR\_ABORT\_ALTER\_TBS\_AT\_DROPPED\_TBS** Unable to alter a dropped tablespace

**Cause:** The tablespace was dropped.

**Action:** Verify that the tablespace exists.

**0x110E4 ( 69860) smERR\_ABORT\_ALTER\_TBS\_AT\_OFFLINE\_TBS** Unable to alter an offline tablespace

**Cause:** The tablespace is offline.

**Action:** Verify that the tablespace is online before attempting to alter it.

**0x110E5 ( 69861) smERR\_ABORT\_INVALID\_CIMAGE\_HEADER Invalid Checkpoint Image Header {SID:<0%d> - PPID:<1%d> - FID:<2%d>}**

**Cause:** Invalid Checkpoint Image header.

**Action:** Copy a valid Checkpoint Image to [MEM\_DB\_DIR].

**0x110E6 ( 69862) smERR\_ABORT\_DefaultDBFileSizeNotAlignedToChunkSize The value of the DEFAULT\_MEM\_DB\_FILE\_SIZE property must be a multiple of the expand chunk size ( EXPAND\_CHUNK\_PAGE\_COUNT \* PAGE\_SIZE(32K) = <0%lu>K )**

**Cause:** The value of DEFAULT\_MEM\_DB\_FILE\_SIZE property is not a multiple of the expand chunk size.

**Action:** Verify that the value of DEFAULT\_MEM\_DB\_FILE\_SIZE property is a multiple of the expand chunk size.

**0x110E7 ( 69863) smERR\_ABORT\_CANNOT\_ALTER\_STATUS\_OF\_SYSTEM\_TABLESPACE Unable to change the system tablespace status to OFFLINE or ONLINE.**

**Cause:** It is impossible to alter the status of a system tablespace whose type is SYSTEM, UNDO, or SYSTEM TEMP.

**Action:** Verify that the tablespace is not a system tablespace.

**0x110E8 ( 69864) smERR\_ABORT\_CANNOT\_ALTER\_AUTOEXTEND\_DICTIONARY\_TABLESPACE Unable to alter the AUTOEXTEND mode of the dictionary tablespace.**

**Cause:** It is impossible to alter the AUTOEXTEND mode of the dictionary tablespace.

**Action:** Verify that the tablespace is not the dictionary tablespace.

**0x110E9 ( 69865)**

**smERR\_ABORT\_ALTER\_TBS\_ONOFF\_ALLOWED\_ONLY\_AT\_META\_SERVICE\_PHASE ALTER TABLESPACE ONLINE/OFFLINE execution is allowed only during the META/SERVICE phase.**

**Cause:** It is impossible to alter the status of a tablespace during the PROCESS or CONTROL phases.

**Action:** Attempt this action during the META or SERVICE startup phases.

**0x110EA ( 69866) smERR\_ABORT\_SplitSizeNotAlignedToChunkSize The split size of the memory checkpoint image file must be a multiple of the expand chunk size (EXPAND\_CHUNK\_PAGE\_COUNT \* PAGE\_SIZE(32K) = <0%lu>K )**

**Cause:** The split size of the memory checkpoint image file is not a multiple of the expand chunk size.

**Action:** Verify that the split size of the memory checkpoint image file is a multiple of the expand chunk size.

**0x110EB ( 69867) smERR\_ABORT\_INVALID\_CIMAGE\_FILESPEC\_FORMAT Invalid Checkpoint Image Filespec Format '<0%s>'.**

**Cause:** Invalid checkpoint image filespec format.

**Action:** Check checkpoint image filespec format.

**0x110EC ( 69868) smERR\_ABORT\_INPUT\_UNSTABLE\_CIMAGE** The checkpoint image '<0%s>' is not stable.

**Cause:** The user tried to input a checkpoint image that is not stable.

**Action:** Check the loganchor file and input a stable checkpoint image.

**0x110ED ( 69869) smERR\_ABORT\_ERROR\_MEDIA\_RECOVERY\_TYPE** Execute incomplete media recovery in the CONTROL phase, or execute a restart recovery.

**Cause:** Either media recovery is complete or unnecessary.

**Action:** Restart normally.

**0x110EE ( 69870) smERR\_ABORT\_TBSInitSizeNotAlignedToChunkSize** The initial size of the tablespace must be a multiple of the expand chunk size ( EXPAND\_CHUNK\_PAGE\_COUNT \* PAGE\_SIZE(32K) = <0%lu>K )

**Cause:** The initial size of the tablespace is not a multiple of the expand chunk size.

**Action:** Verify that the initial size of the tablespace is a multiple of the expand chunk size.

**0x110EF ( 69871) smERR\_ABORT\_UNABLE\_TO\_EXTEND\_CHUNK\_WHEN\_AUTO\_EXTEND\_OFF** Unable to extend the tablespace(<0%s>) when AUTOEXTEND mode is OFF

**Cause:** The user tried to extend the tablespace when the AUTOEXTEND mode of the tablespace was OFF.

**Action:** Use the ALTER TABLESPACE AUTOEXTEND ON statement to set AUTOEXTEND mode to ON.

**0x110F0 ( 69872)**

**smERR\_ABORT\_UNABLE\_TO\_EXTEND\_CHUNK\_MORE\_THAN\_MEM\_MAX\_DB\_SIZE** Unable to extend the tablespace (<0%s>) because the database would be larger than MEM\_MAX\_DB\_SIZE(<1%lu>K).

**Cause:** The user tried to extend the tablespace, but the size of the database would be larger than MEM\_MAX\_DB\_SIZE.

**Action:** Enlarge MEM\_MAX\_DB\_SIZE or drop another tablespace.

**0x110F1 ( 69873) smERR\_ABORT\_UNABLE\_TO\_EXTEND\_CHUNK\_MORE\_THAN\_TBS\_MAXSIZE** Unable to extend the tablespace (<0%s>) because the current size of the tablespace (<1%lu>K) would be larger than MAXSIZE (<2%lu>K) of the tablespace.

**Cause:** The user tried to extend the tablespace, but the size of the tablespace would exceed MAXSIZE for the tablespace.

**Action:** Use the ALTER TABLESPACE AUTOEXTEND ON MAXSIZE statement to change the MAXSIZE for the tablespace.

**0x110F3 ( 69875) smERR\_ABORT\_PAGE\_RANGE\_ERROR** Invalid Page Range. Valid Page Range = 1 ~ <0%d>.

**Cause:** The page range is invalid.

**Action:** Specify a valid page range.

**0x110F4 ( 69876) smERR\_ABORT\_TABLESPACE\_IS\_ALREADY\_ONLINE** The tablespace is already in ONLINE mode

**Cause:** The user tried to execute “ALTER TABLESPACE ONLINE” on a tablespace that is already in ONLINE mode.

**Action:** Verify that the table space is not in ONLINE mode before attempting this action.

**0x110F5 ( 69877) smERR\_ABORT\_TABLESPACE\_IS\_ALREADY\_OFFLINE The tablespace is already in OFFLINE mode**

**Cause:** The user tried to execute “ALTER TABLESPACE OFFLINE” on a tablespace that is already in OFFLINE mode.

**Action:** Verify that the table space is not in OFFLINE mode before attempting this action.

**0x110F6 ( 69878) smERR\_ABORT\_DUMP\_EMPTY\_OBJECT Empty dump object.**

**Cause:** You did not specify a dump object for the dump table.

**Action:** Verify that you have set a dump object for the dump table.

**0x110F8 ( 69880) smERR\_ABORT\_CannotDiscardTableSpace Unable to change the tablespace to discard mode.**

**Cause:** It is impossible to change the tablespace to discard mode because its type is SYSTEM, UNDO or SYSTEM\_TEMP.

**Action:** Verify that the tablespace is not a system tablespace.

**0x110F9 ( 69881) smERR\_ABORT\_MEDIA\_RECOVERY\_IS\_NOT\_SUPPORT\_SHARED\_MEMORY Media Recovery is not supported by the shared memory version.**

**Cause:** ALTER DATABASE RECOVER DATABASE is not supported for shared memory versions.

**Action:** Verify that the SHM\_DB\_KEY property is set to zero.

**0x110FA ( 69882) smERR\_ABORT\_CannotAllocLogBufferMemory Cannot allocate memory for the volatile log buffer.**

**Cause:** Insufficient memory.

**Action:** Retry this statement in autocommit mode.

**0x110FB ( 69883) smERR\_ABORT\_UNABLE\_TO\_USE\_OFFLINE\_TBS Unable to use an offline tablespace. (NAME=<0%s>)**

**Cause:** The user tried to use an offline tablespace.

**Action:** Execute the ALTER TABLESPACE ONLINE statement and try again.

**0x110FC ( 69884) smERR\_ABORT\_UNABLE\_TO\_USE\_DISCARDED\_TBS Unable to use a discarded tablespace. (NAME=<0%s>)**

**Cause:** The user tried to use a discarded tablespace.

**Action:** Execute the DROP TABLESPACE statement and recreate the tablespace.

**0x110FD ( 69885) smERR\_ABORT\_TBS\_ALREADY\_DISCARDED The tablespace has already been discarded.**

**Cause:** The user tried to discard a tablespace that has already been discarded.

**Action:** Execute the DROP TABLESPACE statement and recreate the tablespace.

**0x110FE ( 69886) smERR\_ABORT\_AUTOEXT\_ON\_UNALLOWED\_FOR\_USED\_UP\_FILE** The autoextend attribute of a data file that has been used up cannot be switched on.

**Cause:** The user tried to turn on the autoextend attribute for a data file that has been used up.

**Action:** Try again with a current or unused data file.

**0x110FF ( 69887) smERR\_ABORT\_StmtMaxDepthLevel** The statement depth has reached the maximum level.

**Cause:** The depth of the statement is greater than 255.

**Action:** Investigate the reason for the statement depth.

**0x11100 ( 69888)**

**smERR\_ABORT\_UNABLE\_TO\_EXTEND\_CHUNK\_MORE\_THAN\_VOLATILE\_MAX\_DB\_SIZE** Unable to extend the tablespace (<0%s>) because the database would be larger than VOLATILE\_MAX\_DB\_SIZE (<1%lu>K).

**Cause:** The user tried to extend the tablespace, but the size of the database would be larger than VOLATILE\_MAX\_DB\_SIZE.

**Action:** Increase the VOLATILE\_MAX\_DB\_SIZE value or drop another tablespace.

**0x11101 ( 69889) smERR\_ABORT\_UNABLE\_TO\_BACKUP\_FOR\_VOLATILE\_TABLESPACE** Unable to back up a volatile tablespace.

**Cause:** The user tried to back up a volatile tablespace.

**Action:** It is not necessary to back up volatile tablespaces.

**0x11102 ( 69890) smERR\_ABORT\_UNABLE\_TO\_ALTER\_ONLINE\_CUZ\_MEM\_MAX\_DB\_SIZE** Unable to change the tablespace status (NAME=<0%s>, SIZE=<1%lu>K) to ONLINE because the database would be larger than MEM\_MAX\_DB\_SIZE (<2%lu>K). ( Current Database Size = <3%lu>K )

**Cause:** The user tried to bring the tablespace online, but the size of the database would be larger than MEM\_MAX\_DB\_SIZE.

**Action:** Increase the MEM\_MAX\_DB\_SIZE value or bring another tablespace offline, and try again.

**0x11103 ( 69891) smERR\_ABORT\_UNABLE\_TO\_CREATE\_CUZ\_MEM\_MAX\_DB\_SIZE** Unable to create the tablespace (NAME=<0%s>, SIZE=<1%lu>K) because the database would be larger than MEM\_MAX\_DB\_SIZE (<2%lu>K). ( Current Database Size = <3%lu>K )

**Cause:** The user tried to create a tablespace, but the size of the database would be larger than MEM\_MAX\_DB\_SIZE.

**Action:** Increase the MEM\_MAX\_DB\_SIZE value or bring another tablespace offline.

**0x11104 ( 69892) smERR\_ABORT\_FileNameIsNullOrEmptyString** The length of the filename is zero.

**Cause:** The filename is an empty string.

**Action:** Enter a valid filename for the file to be created.

**0x11105 ( 69893) smERR\_ABORT\_InvalidExtendFileSizeOSLimit** The data file cannot be extended because the requested size is bigger than the OS file limit size. ( Request Size : <0%lu> pages, OS File Limit Size : <1%lu> pages )

**Cause:** The resize (extend) value is too big.



**Action:** Use a suitable value for the resize action.

**0x11107 ( 69895) smERR\_ABORT\_UNABLE\_TO\_CREATE\_CUZ\_VOL\_MAX\_DB\_SIZE** Unable to create the tablespace (NAME=<0%s>, SIZE=<1%lu>K) because the database would be larger than VOLATILE\_MAX\_DB\_SIZE(<2%lu>K). ( Current Total Volatile Tablespace Size = <3%lu>K )

**Cause:** The user tried to create the tablespace, but the total size of the volatile tablespace would be larger than VOLATILE\_MAX\_DB\_SIZE.

**Action:** Increase the VOLATILE\_MAX\_DB\_SIZE value or drop another volatile tablespace.

**0x11108 ( 69896) smERR\_ABORT\_LogFileSizeNotAlignedToDirectIOPageSize** The size of the logfile is not aligned to DIRECT\_IO\_PAGE\_SIZE.

**Cause:** The size of the logfile is not an exact multiple of DIRECT\_IO\_PAGE\_SIZE.

**Action:** Verify that the size of the logfile is an exact multiple of DIRECT\_IO\_PAGE\_SIZE.

**0x11109 ( 69897) smERR\_ABORT\_MAX\_AGER\_COUNT\_LT\_MIN\_AGER\_COUNT** MAX\_LOGICAL\_AGER\_COUNT property is less than MIN\_LOGICAL\_AGER\_COUNT property. ( MAX\_LOGICAL\_AGER\_COUNT=<0%d>, MIN\_LOGICAL\_AGER\_COUNT=<1%d> )

**Cause:** The user has specified a maximum number of logical agers that is less than the minimum number of logical agers.

**Action:** Verify that the MAX\_LOGICAL\_AGER\_COUNT value is greater than or equal to the MIN\_LOGICAL\_AGER\_COUNT value.

**0x1110A ( 69898) smERR\_ABORT\_AGER\_COUNT\_OUT\_OF\_MAX\_COUNT** The LOGICAL\_AGER\_COUNT property value is greater than the MAX\_LOGICAL\_AGER\_COUNT property value. ( LOGICAL\_AGER\_COUNT=<0%d>, MAX\_LOGICAL\_AGER\_COUNT=<1%d> )

**Cause:** The LOGICAL\_AGER\_COUNT property value is greater than the MAX\_LOGICAL\_AGER\_COUNT property value.

**Action:** Verify the LOGICAL\_AGER\_COUNT property value is less than or equal to the MAX\_LOGICAL\_AGER\_COUNT property value.

**0x1110B ( 69899) smERR\_ABORT\_AGER\_COUNT\_OUT\_OF\_MIN\_COUNT** The LOGICAL\_AGER\_COUNT property value is less than the MIN\_LOGICAL\_AGER\_COUNT property value. ( LOGICAL\_AGER\_COUNT=<0%d>, MIN\_LOGICAL\_AGER\_COUNT=<1%d> )

**Cause:** The LOGICAL\_AGER\_COUNT property value is less than the MIN\_LOGICAL\_AGER\_COUNT property value.

**Action:** Verify the LOGICAL\_AGER\_COUNT property value is greater than or equal to the MIN\_LOGICAL\_AGER\_COUNT property value.

**0x1110D ( 69901) smERR\_ABORT\_NOT\_NULL\_VIOLATION** Unable to add NOT NULL constraint to the specified column because it already contains null values

**Cause:** The NOT NULL constraint cannot be added to the specified column because it already contains null values.

**Action:** Remove all null values from the column prior to adding the NOT NULL constraint.

**0x11110 ( 69904) smERR\_ABORT\_INCONSISTENT\_INDEX** The index is inconsistent

**Cause:** The index is inconsistent.

**Action:** Check index consistency and rebuild the index.

**0x11112 ( 69906) smERR\_ABORT\_Not\_Support\_MMap** The OS does not support mmap.

**Cause:** The OS does not support mmap.

**Action:** Check LOG\_BUFFER\_TYPE.

**0x11114 ( 69908) smERR\_ABORT\_INVALID\_DUMP\_OBJECT** Invalid dump object

**Cause:** The object is not valid for a dump table.

**Action:** Verify that a valid dump object has been used for the dump table.

**0x11115 ( 69909) smERR\_ABORT\_TBS\_ATTR\_FLAG\_ALREADY\_SET** The tablespace attribute has already been set to the given value.

**Cause:** The LOG COMPRESS attribute already corresponds to the given value.

**Action:** No action is necessary.

**0x11116 ( 69910) smERR\_ABORT\_TABLE\_ATTR\_FLAG\_ALREADY\_SET** The table attribute has already been set to the given value.

**Cause:** The attribute is already the same as the given value.

**Action:** No action is necessary.

**0x11117 ( 69911) smERR\_ABORT\_UNABLE\_TO\_COMPRESS\_VOLATILE\_TBS\_LOG** Log compression is not supported for volatile tablespaces.

**Cause:** The user tried to compress a volatile tablespace log.

**Action:** No action is necessary.

**0x11118 ( 69912) smERR\_ABORT\_TOO\_MANY\_UPDATE\_LOG** The update log size '<0%lu>' is bigger than TRX\_UPDATE\_MAX\_LOGSIZE '<1%lu>'

**Cause:** The update log size '<%lu>' is bigger than TRX\_UPDATE\_MAX\_LOGSIZE '<%lu>'

**Action:** TRX\_UPDATE\_MAX\_LOGSIZE is too small.

**0x1111A ( 69914) smERR\_ABORT\_Invalid\_DataFile\_Create\_LSN** The create LSN (<0%u>, <1%u>, <2%u>) of the data file (<3%s>) is bigger than the restart redo LSN (<4%u>, <5%u>, <6%u>).

**Cause:** The data file is invalid.

**Action:** Verify that the data file was backed up correctly.

**0x1111F ( 69919) smERR\_ABORT\_PageCorrupted** A page is corrupt. ( Current Space ID : <0%d>, Current Page ID : <1%d> )

**Cause:** The page was not written completely.

**Action:** Recover the tablespace that contains the corrupt page with backup and recovery utilities.

**0x11120 ( 69920) smERR\_ABORT\_INCONSISTENT\_TABLE** The table is inconsistent.

**Cause:** The table is inconsistent.

**Action:** Recreate the table.

**0x11121 ( 69921) smERR\_ABORT\_CANNOT\_ADD\_DataFile** It is impossible to add any more data files.

**Cause:** The number of files has reached the limit.

**Action:** Refrain from attempting this action.

**0x11122 ( 69922) smERR\_ABORT\_CANT\_SHRINK\_BELOW\_HWM** It is impossible to shrink this file. ( Request Size : <0%lu> pages, Used File Size : <1%lu> pages )

**Cause:** An attempt was made to shrink the file below HWM.

**Action:** Refrain from attempting this action.

**0x11123 ( 69923) smERR\_ABORT\_NOT\_ENOUGH\_SPACE** The tablespace does not have enough free space ( TBS Name :<0%s> ).

**Cause:** The tablespace does not have enough free space.

**Action:** Add a new data file.

**0x11124 ( 69924) smERR\_ABORT\_FILE\_IS\_TOO\_SMALL** Not even one extent can be created. ( Request Init Size : <0%lu> pages, Minimum File Size : <1%lu> pages )

**Cause:** The file is too small for even one extent.

**Action:** Retry with a greater size.

**0x11126 ( 69926) smERR\_ABORT\_SegmentExceedMaxExtents** Max no. of extents reached for segment ( TBSID : <0%u>, SEGHDR\_FID : <1%u>, SEGHDR\_FPID : <2%u>, CurrExtCnt : <3%u>, MaxExtCnt : <4%u> ).

**Cause:** The maximum number of extents has been reached for this segment.

**Action:** Increase the MAXEXTENTS value for this segment.

**0x11127 ( 69927) smERR\_ABORT\_NotExistSegment** The segment does not exist or is not in a valid state.

**Cause:** The segment does not exist or is not in a valid state.

**Action:** Verify that the segment object is valid.

**0x11128 ( 69928) smERR\_ABORT\_SHRINK\_SIZE\_IS\_TOO\_SMALL** The requested size of the data file is less than the minimum file size. ( Request Size : <0%lu> pages, Minimum File Size : <1%lu> pages )

**Cause:** The file is too small for even one extent.

**Action:** Increase the file size.

**0x11129 ( 69929) smERR\_ABORT\_TOO\_MANY\_DATA\_FILE** The Tablespace has too many data files.

**Cause:** An attempt was made to create the Tablespace with too many data files.

**Action:** Reduce the number of data files in the Tablespace to 1024 or less.

**0x1112D ( 69933) smERR\_ABORT\_smilInvalidFlusherID** The flusher ID [<0%d>] must be less than <1%d>

**Cause:** The flusher ID is invalid.

**Action:** Check the flusher count.

**0x1112E ( 69934) smERR\_ABORT\_sdbFlusherNotStarted** The flusher [<0%d>] was not started.

**Cause:** The flusher was not started.

**Action:** Check the flusher status.

**0x1112F ( 69935) smERR\_ABORT\_sdbFlusherRunning The flusher [<0%d>] is already running.**

**Cause:** The flusher cannot be started because it is already running.

**Action:** Check the flusher status.

**0x11130 ( 69936) smERR\_ABORT\_ILLEGAL\_REQ\_BUFFER\_SIZE BUFFER\_AREA\_SIZE has to be larger than current BUFFER\_AREA\_SIZE.**

**Cause:** The current version of Altibase doesn't support decreasing the buffer area size.

**Action:** If you want to decrease the buffer area size, first shut down Altibase and set a suitable value for the property. Then start Altibase again.

**0x11132 ( 69938) smERR\_ABORT\_INVALID\_BUFFER\_EXPAND\_SIZE | BUFFER\_AREA\_SIZE - current BUFFER\_AREA\_SIZE | must be larger than BUFFER\_AREA\_CHUNK\_SIZE.**

**Cause:** | BUFFER\_AREA\_SIZE - current BUFFER\_AREA\_SIZE | is smaller than BUFFER\_AREA\_CHUNK\_SIZE.

**Action:** Enter another value for BUFFER\_AREA\_SIZE.

**0x11134 ( 69940) smERR\_ABORT\_Not\_Support\_function Altibase doesn't support this function**

**Cause:** Altibase doesn't support this function.

**Action:** Check the manual.

**0x11135 ( 69941) smERR\_ABORT\_AlreadyExistLogFile The Log file already exists.**

**Cause:** The Log file already exists.

**Action:** Confirm that you have executed destroydb.

**0x11136 ( 69942) smERR\_ABORT\_AlreadyExistLogAnchorFile The LogAnchor file already exists.**

**Cause:** The LogAnchor file already exists.

**Action:** Confirm that you have executed destroydb.

**0x11137 ( 69943) smERR\_ABORT\_UseFileInTheTBS The file name [<0%s>] is in use by the tablespace [<1%s>].**

**Cause:** The file name is in use by a tablespace.

**Action:** Choose another destination file name.

**0x11138 ( 69944) smERR\_ABORT\_BUFFER\_MANAGER\_BUSY The buffer area size cannot be changed because of transactions.**

**Cause:** There are currently executing transactions.

**Action:** Try again when the system is not busy.

**0x11139 ( 69945) smERR\_ABORT\_CannotCreateSegInUndoTBS Cannot create segments in an undo tablespace.**

**Cause:** Cannot create a table or index in an undo tablespace.

**Action:** Use another tablespace.

**0x1113B ( 69947) smERR\_ABORT\_Datafile\_Header\_Read\_Failure** File header not read from database file '<0%s>'.

**Cause:** The DBFile was not found, or the DBFileHdr value in the DBFile could not be read.

**Action:** Check the DBFile.

**0x1113C ( 69948) smERR\_ABORT\_Datafile\_Header\_Write\_Failure** File header of database file '<0%s>' not written.

**Cause:** The DBFile was not found, or the DBFileHdr was not written in the DBFile.

**Action:** Check the DBFile.

**0x1113D ( 69949) smERR\_ABORT\_NotFoundDataFileByPath** Data file not found '<0%s>'.

**Cause:** Data file not found.

**Action:** Check the data file.

**0x1113E ( 69950) smERR\_ABORT\_EXTENT\_SIZE\_IS\_TOO\_SMALL** An extent size for an auto segment space managed tablespace must have at least 5 blocks.

**Cause:** The user tried to create a tablespace with an invalid (too small) extent size.

**Action:** Create a tablespace with a valid (greater than PAGESIZE \* 5) extent size.

**0x11140 ( 69952) smERR\_ABORT\_LogSizeExceedLogFileSize** The size of a log record exceeds the logfile size ( logfile size <0%d> bytes, log record size <1%d> bytes ).

**Cause:** The size of a log record exceeds the logfile size.

**Action:** Change the property to a suitable value and recreate the database.

**0x11141 ( 69953) smERR\_ABORT\_Invalid\_Mtx\_LatchStack\_Size** The mini transaction's latchstack size is not 1.

**Cause:** Internal mtx misuse.

**Action:** Send a bug report to the vendor.

**0x11145 ( 69957) smERR\_ABORT\_AllFlushersStopped** You cannot run the DCL command because all flushers are stopped.

**Cause:** All flushers are stopped.

**Action:** Start some flushers.

**0x11146 ( 69958) smERR\_ABORT\_DW\_FILE\_NOT\_FOUND** There is no double write file.

**Cause:** The DOUBLE\_WRITE\_DIRECTORY property has been modified.

**Action:** Check your properties.

**0x11147 ( 69959) smERR\_ABORT\_INVALID\_LOGFILE** Invalid logfile ( File Name : <0%s> ).

**Cause:** The log file is invalid.

**Action:** Check the logfile.

**0x11149 ( 69961) smERR\_ABORT\_WrongVerifyDiskIndexCount The number of \_\_SM\_VERIFY\_DISK\_INDEX\_NAME(<0%d>) is not \_\_SM\_VERIFY\_DISK\_INDEX\_COUNT(<1%d>).**

**Cause:** The number of \_\_SM\_VERIFY\_DISK\_INDEX\_NAME is different from \_\_SM\_VERIFY\_DISK\_INDEX\_COUNT.

**Action:** Check \_\_SM\_VERIFY\_DISK\_INDEX\_COUNT and the number of \_\_SM\_VERIFY\_DISK\_INDEX\_NAME.

**0x1114A ( 69962) smERR\_ABORT\_TX\_ALLOC Failed to allocate a transaction.**

**Cause:** Allocating the transaction took too long.

**Action:** Check the transaction table status.

**0x1114C ( 69964) smERR\_ABORT\_DROP\_CPATH\_NOT\_YET\_MOVED\_CIMG\_IN\_CPATH The checkpoint image '<0%s>' has not yet been moved from the checkpoint path '<1%s>'.**

**Cause:** An attempt was made to drop a checkpoint path that contains a checkpoint image.

**Action:** Move the checkpoint image to another checkpoint path.

**0x1114D ( 69965) smERR\_ABORT\_DML\_AFTER\_INSERT\_APPEND This DML operation is not permitted.**

**Cause:** An attempt was made to execute DML operations during Direct-Path INSERT.

**Action:** Execute DML operations after Direct-Path INSERT is Terminated.

**0x1114E ( 69966) smERR\_ABORT\_NOT\_FOUND\_LOGFILE No log files could be found in the '<0%s>' directory.**

**Cause:** The specified directory did not contain any log files.

**Action:** Check the specified directory.

**0x1114F ( 69967) smERR\_ABORT\_EXIST\_ACTIVE\_TRANS\_IN\_RECOV Recovery failure. Active transactions exist.**

**Cause:** All transactions that were commenced during the startup phase must be completed before the recovery phase.

**Action:** Check for and end all active transactions during the control phase.

**0x11150 ( 69968) smERR\_ABORT\_InitSizeExceedMaxSize The INITSIZE of the data file exceeds the MAXSIZE of the data file.**

**Cause:** The INITSIZE of the data file exceeds the MAXSIZE of the data file.

**Action:** Check the INITSIZE and MAXSIZE of the data file.

**0x11151 ( 69969) smERR\_ABORT\_InitSizePropExceedMaxSizeProp The value of the <0%s> property exceeds the value of the <1%s> property.**

**Cause:** The value of the INITSIZE property exceeds the value of the MAXSIZE property.

**Action:** Check the properties pertaining to the size of the data file.

**0x11152 ( 69970) smERR\_ABORT\_MaxSizePropExceedOSLimit The value of the <0%s> property exceeds the OS file size limit. ( Max Size Property : <1%lu>, OS file size limit : <2%lu> )**

**Cause:** The MAXSIZE property of the data file exceeds the OS file size limit.

**Action:** Set the MAXSIZE of the data file appropriately.

**0x11153 ( 69971) smERR\_ABORT\_InitSizeExceedOSLimit** The INITSIZE of the data file exceeds the OS file size limit. ( Request Init Size : <0%lu> pages, OS file size limit : <1%lu> pages )

**Cause:** The MAXSIZE of the data file exceeds the OS file size limit.

**Action:** Set the MAXSIZE of the data file appropriately.

**0x11154 ( 69972) smERR\_ABORT\_MaxSizeExceedOSLimit** The MAXSIZE of the data file exceeds the OS file size limit. ( Request Max Size : <0%lu> pages, OS file size limit : <1%lu> pages )

**Cause:** The MAXSIZE of the data file exceeds the OS file size limit.

**Action:** Set the MAXSIZE of the data file appropriately.

**0x11155 ( 69973) smERR\_ABORT\_InvalidFileSizeOnLogAnchor** The file size reported for the file <0%s> is invalid. ( Init Size : <1%lu> pages, Current Size : <2%lu> pages, Max Size : <3%lu> pages, Maximum File Size <4%lu> pages )

**Cause:** Invalid information about the size of a data file is stored in a loganchor file.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x11156 ( 69974) smERR\_ABORT\_InvalidExtendFileSizeMaxSize** The requested size of the data file exceeds the MAXSIZE for the data file. ( Requested Size : <0%lu> pages, Max Size : <1%lu> pages )

**Cause:** The specified file size value is too big.

**Action:** Set the value for the file size appropriately.

**0x11157 ( 69975) smERR\_ABORT\_WRONG\_ENTRY\_ID**  
\_\_MANUAL\_BINDING\_TRANSACTION\_SEGMENT\_BY\_ENTRY\_ID '<0%d>' exceeds the total entry count '<1%d>'.

**Cause:** The entry ID specified in \_\_MANUAL\_BINDING\_TRANSACTION\_SEGMENT\_BY\_ENTRY\_ID is too high.

**Action:** Set the value of \_\_MANUAL\_BINDING\_TRANSACTION\_SEGMENT\_BY\_ENTRY\_ID property to a value less than the total entry count.

**0x11158 ( 69976) smERR\_ABORT\_NOT\_AVAILABLE\_ENTRY**  
\_\_MANUAL\_BINDING\_TRANSACTION\_SEGMENT\_BY\_ENTRY\_ID '<0%d>' has already been bound in another transaction.

**Cause:** The entry ID specified in \_\_MANUAL\_BINDING\_TRANSACTION\_SEGMENT\_BY\_ENTRY\_ID has already been bound in another transaction.

**Action:** Retry after a moment, or set the \_\_MANUAL\_BINDING\_TRANSACTION\_SEGMENT\_BY\_ENTRY\_ID property to another value and try again.

**0x11159 ( 69977) smERR\_ABORT\_DATA\_PORT\_INTERNAL\_ERROR** Internal import/export error.

**Cause:** Unexpected internal error.

**Action:** Notify Altibase technical support staff.

**0x1115A ( 69978) smERR\_ABORT\_CORRUPTED\_BLOCK** A block is corrupt. ( BlockID <0%d> ).

**Cause:** A block appears to be corrupt.

**Action:** Check the DataPort file.

**0x1115B ( 69979) smERR\_ABORT\_VERSION\_NOT\_SUPPORTED** The DataPort file version is not supported. ( <0%d> > <1%d> ).

**Cause:** The version of the DataPort file is too high.

**Action:** Check the version of the database and the DataPort file.

**0x1115C ( 69980) smERR\_ABORT\_CANT\_OPEN\_FILE** Cannot find the file. ( '<0%s>' ).

**Cause:** The DataPort file does not exist.

**Action:** Check the DataPort file name and try again.

**0x1115D ( 69981) smERR\_ABORT\_COLUMN\_CHAINING\_THRESHOLD\_LAGER\_THAN\_BLOCK\_SIZE**  
The column-chaining threshold is greater than the maximum size(=BlockSize/2)(  
ColumnChainingThreshold:<0%d>, BlockSize:<1%d> ).

**Cause:** The column-chaining threshold is greater than the maximum size(=BlockSize/2).

**Action:** Set the column-chaining threshold to a value less than (BlockSize/2).

**0x1115E ( 69982) smERR\_ABORT\_CORRUPTED\_HEADER** The DataPort file header is corrupt.

**Cause:** The Dataport file header appears to be corrupt.

**Action:** Check the DataPort file.

**0x1115F ( 69983) smERR\_ABORT\_CheckpointPathIsNullOrEmptyString** The length of the checkpoint path is zero.

**Cause:** The value specified for the checkpoint path is a null string.

**Action:** Provide a valid checkpoint path to be created.

**0x11160 ( 69984) smERR\_ABORT\_InvalidCheckpointPathABS** The checkpoint path is not an absolute path.

**Cause:** The checkpoint path is not an absolute path.

**Action:** Check the ALTIBASE\_HOME environment variable for this account.

**0x11161 ( 69985) smERR\_ABORT\_InvalidCheckpointPathKeyword** The checkpoint path contains special keywords or system reserved keywords.

**Cause:** The checkpoint path contains special keywords or system reserved keywords.

**Action:** Set the checkpoint path appropriately.

**0x11162 ( 69986) smERR\_ABORT\_TooLongCheckpointPath** The checkpoint path is too long  
<0%s> <1%s>.

**Cause:** The checkpoint path is too long.

**Action:** Specify a checkpoint path that is within the allowable length for a checkpoint path.



**0x11163 ( 69987) smERR\_ABORT\_TooLongFilePath The total length of the file path and name is too long <0%s> <1%s>.**

**Cause:** The total length of the file path and name is too long.

**Action:** Specify a file path and/or filename such that the total length of the file path and name is within the allowable length.

**0x11164 ( 69988) smERR\_ABORT\_AlreadyExistDBFiles The data file(s) already exists.**

**Cause:** The data file(s) already exists.

**Action:** Ensure that you have executed destroydb and try again.

**0x11165 ( 69989) smERR\_ABORT\_INTERNAL The storage manager experienced an internal server error.**

**Cause:** Internal server error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x11166 ( 69990) smERR\_ABORT\_TRANSACTION\_TABLE\_SIZE\_IS\_NOT\_POWER\_OF\_TWO TRANSACTION\_TABLE\_SIZE ['<0%d>'] is not a power of two.**

**Cause:** The value of the TRANSACTION\_TABLE\_SIZE property is not a power of two( $=2^n$ ).

**Action:** Check the altibase.properties file and set the value of TRANSACTION\_TABLE\_SIZE to a power of two ( $2^n$ ).

**0x11167 ( 69991) smERR\_ABORT\_DB\_FILE\_SIZE\_EXCEEDS\_LIMIT The size of the DB file(<0%s>) exceeds the size specified in the MEM\_MAX\_DB\_SIZE property.**

**Cause:** The MEM\_MAX\_DB\_SIZE property is set to a value that is less than the current size of the DB file.

**Action:** Check the altibase.properties file and increase the value of the MEM\_MAX\_DB\_SIZE property

**0x11168 ( 69992) smERR\_ABORT\_LOG\_FILE\_MISSING Non-continuous log file numbers. (<0%s> ).**

**Cause:** Either the server failed to remove an old log file, or a current log file has been lost for some unknown reason.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x11169 ( 69993) smERR\_ABORT\_FAILURE\_DURABILITY\_AT\_STARTUP Restart recovery aborted to protect database durability.**

**Cause:** A log file has been lost. If restart recovery continues, DB durability and DB objects may be broken.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1116A ( 69994) smERR\_ABORT\_FAILURE\_DRDB\_WAL\_AT\_STARTUP Restart recovery aborted due to Write-Ahead-Logging failure.**

**Cause:** The server cannot find a log file that is necessary for restoring a DRDB object. If restart recovery continues, DB consistency may be broken.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1116B ( 69995) smERR\_ABORT\_FAILURE\_MRDB\_WAL\_AT\_STARTUP Restart recovery aborted due to Write-Ahead-Logging failure.**

**Cause:** The server cannot find a log file that is necessary for restoring an MRDB object. If restart recovery continues, DB consistency may be broken.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1116C ( 69996) smERR\_ABORT\_INCONSISTENT\_DB Access blocked to prevent DB inconsistency from worsening.**

**Cause:** A SQL statement attempted to access a portion of the DB that is already inconsistent.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1116D ( 69997) smERR\_ABORT\_INCONSISTENT\_PAGE A page is inconsistent. ( Current Space ID : <0%d>, Current Page ID : <1%d> )**

**Cause:** The page is not consistent.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x1116E ( 69998) smERR\_ABORT\_ERR\_INCONSISTENT\_DB\_AND\_LOG\_BUFFER\_TYPE Could not perform emergency startup due to current LOG\_BUFFER\_TYPE setting.**

**Cause:** The current log buffer type setting (=0) forcefully records all logs, including emergency logs. However, emergency logs must not be recorded.

**Action:** Set the value of the LOG\_BUFFER\_TYPE property to 1.

**0x1116F ( 69999) smERR\_ABORT\_LOGFILE\_TOO\_BIG\_WITH\_DIRECT\_IO The logfile is too big. ( <0%d> > <1%d> )**

**Cause:** The size of the logfile exceeds the DIRECT I/O limitation.

**Action:** Verify that the logfile is smaller than the DIRECT I/O limitation, or set the value of the LOG\_IO\_TYPE property to 0.

**0x11171 ( 70001) smERR\_ABORT\_InvalidChangeTrackingFile The change-tracking file is not valid. ( File Name :<0%s> )**

**Cause:** The file was corrupted by an abnormal shutdown or some other unexpected activity.

**Action:** Disable and re-enable the change-tracking manger.

**0x11172 ( 70002) smERR\_ABORT\_ChangeTrackingState Unexpected change-tracking manager state.**

**Cause:** The change-tracking manager is already enabled or disabled.

**Action:** Check the state of the change-tracking manager.

**0x11173 ( 70003) smERR\_ABORT\_ErrUntilTag Can`t perform media recovery at point of backup tag. ( Backup Tag Name :<0%s> )**

**Cause:** An attempt was made to restore the database using an invalid backup tag.

**Action:** Restore the database using the correct backup tag.

**0x11174 ( 70004) smERR\_ABORT\_InvalidBackupInfoFile The backup information file is not valid. ( File Name :<0%s> )**

**Cause:** The file was corrupted by an abnormal shutdown or some other unexpected activity.

**Action:** Restore the backup information file from a recent backup.

**0x11175 ( 70005) smERR\_ABORT\_InvalidRestoreTime Can`t restore database to specified point of time**

**Cause:** No backup file predating the specified time exists.

**Action:** Restore the database to a more recent point in time.

**0x11176 ( 70006) smERR\_ABORT\_NotDefinedIncrementalBackupPath No incremental backup path defined**

**Cause:** No incremental backup path has been defined.

**Action:** Specify an incremental backup directory.

**0x11177 ( 70007) smERR\_ABORT\_AlreadyExistIncrementalBackupPath Incremental backup path already exists (Dir Name :<0%s> )**

**Cause:** The incremental backup path already exists.

**Action:** Change the incremental backup directory, or wait and try incremental backup again.

**0x11178 ( 70008) smERR\_ABORT\_BackupInfoState Unexpected Backup Information Manager state**

**Cause:** The Backup Information Manager is already enabled or disabled.

**Action:** Check the state of the Backup Information Manager.

**0x11179 ( 70009) smERR\_ABORT\_AlreadyExistPath Directory already exists (Dir Name :<0%s> ).**

**Cause:** The specified directory already exists.

**Action:** Delete or rename the existing directory, or specify a different directory.

**0x1117A ( 70010) smERR\_ABORT\_ThereIsNoDatabaseIncrementalBackup There is no incremental database backup.**

**Cause:** An incremental database backup has not been performed.

**Action:** Perform an incremental database backup before restoring the database.

**0x1117B ( 70011) smERR\_ABORT\_ThereIsNoIncrementalBackup There is no incremental backup.**

**Cause:** An incremental backup has not been performed.

**Action:** Perform an incremental backup before restoring the database.

**0x1117C ( 70012) smERR\_ABORT\_FailToCreateDirectory Failed to create directory (Dir Name : <0%s> )**

**Cause:** The specified directory could not be created.

**Action:** Check the directory path or permission.

**0x11180 ( 70016) smERR\_ABORT\_DuplicateMultiplexDirPath A multiplex directory path (<0%s>) has been specified more than once**

**Cause:** Duplicate multiplex directory path settings exist in LOG\_MULTIPLEX\_DIR and/or ARCHIVE\_MULTIPLEX\_DIR.

**Action:** Check the LOG\_MULTIPLEX\_DIR and ARCHIVE\_MULTIPLEX\_DIR property settings and remove duplicate paths.

**0x11181 ( 70017) smERR\_ABORT\_WrongLogMultiplexDirCount Number of LOG\_MULTIPLEX\_DIR(<0%d>) directories not equal to LOG\_MULTIPLEX\_COUNT(<1%d>)**

**Cause:** The number of directories specified using the LOG\_MULTIPLEX\_DIR property is different from the value of LOG\_MULTIPLEX\_COUNT.

**Action:** Set the value of LOG\_MULTIPLEX\_COUNT to the number of directories specified using LOG\_MULTIPLEX\_DIR.

**0x11182 ( 70018) smERR\_ABORT\_WrongArchMultiplexDirCount Number of ARCH\_MULTIPLEX\_DIR(<0%d>) directories not equal to ARCH\_MULTIPLEX\_COUNT(<1%d>)**

**Cause:** The number of directories specified using the ARCH\_MULTIPLEX\_DIR property is different from the value of ARCH\_MULTIPLEX\_COUNT.

**Action:** Set the value of ARCH\_MULTIPLEX\_COUNT to the number of directories specified using ARCH\_MULTIPLEX\_DIR.

**0x11184 ( 70020) smERR\_ABORT\_NOT\_ENOUGH\_WORKAREA Insufficient free space in work area**

**Cause:** There is not enough free space in the work area.

**Action:** Increase the value of the TOTAL\_WA\_SIZE property.

**0x11185 ( 70021) smERR\_ABORT\_INVALID\_SORTAREASIZE Insufficient sort area space**

**Cause:** Cannot manage the page descriptor area due to the decrease in the sort area size.

**Action:** Increase the value of the SORT\_AREA\_SIZE property.

**0x11186 ( 70022) smERR\_ABORT\_INVALID\_HASHAREASIZE Insufficient hash area space**

**Cause:** Cannot manage the page descriptor area due to the decrease in the hash area size.

**Action:** Increase the value of the HASH\_AREA\_SIZE property.

**0x11187 ( 70023) smERR\_ABORT\_TEMP\_FLUSHER\_STOPPED Cannot sort or hash because all temp flushers are stopped.**

**Cause:** The temporary flushers have stopped due to some unexpected problem.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x11188 ( 70024) smERR\_ABORT\_ALL\_INDEX\_DISABLED All Indexes are disabled.**

**Cause:** The requested action could not be performed because all of the indexes for the table are disabled.

**Action:** Enable the index(es) and try again.

**0x11189 ( 70025) smERR\_ABORT\_PathIsNullOrEmptyString The length of the path is zero.**

**Cause:** The path is an empty string.

**Action:** Provide a valid path to be created.

**0x1118A ( 70026) smERR\_ABORT\_TablespaceLockUse X or S tablespace lock is not allowed while the TABLESPACE\_LOCK\_ENABLE property is 0.**

**Cause:** The user tried to execute a DDL command when the TABLESPACE\_LOCK\_ENABLE property was 0.

**Action:** Change the TABLESPACE\_LOCK\_ENABLE value to 1.

**0x1118C ( 70028) smERR\_ABORT\_sdsFlusherNotStarted The Secondary flusher [<0%d>] was not started.**

**Cause:** The flusher was not started.

**Action:** Check the secondary flusher status.

**0x1118D ( 70029) smERR\_ABORT\_sdsFlusherRunning The Secondary flusher [<0%d>] is already running.**

**Cause:** The flusher cannot be started because it is already running.

**Action:** Check the secondary flusher status.

**0x1118E ( 70030) smERR\_ABORT\_AllSecondaryFlushersStopped You cannot run the DCL command because all secondary flushers are stopped.**

**Cause:** All secondary flushers are stopped.

**Action:** Start some secondary flushers.

**0x1118F ( 70031) smERR\_ABORT\_PageMovedownStopped Failed to movedown pages.**

**Cause:** Cannot movedown page to the secondary buffer.

**Action:** Check the secondary buffer.

**0x11190 ( 70032) smERR\_ABORT\_PageMoveUpStopped Failed to moveup a page.**

**Cause:** Cannot moveup page to the secondary buffer.

**Action:** Check the secondary buffer.

**0x11193 ( 70035) smERR\_ABORT\_InvalidSecondaryBufferHdr Invalid Secondary Buffer File file header**

**Cause:** Invalid Secondary Buffer File header

**Action:** Copy a valid file to [SECONDARY\_BUFFER\_FILE\_DIRECTORY]

**0x11194 ( 70036) smERR\_ABORT\_invalid\_secondary\_buffer\_property Invalid Secondary Buffer property. size=<0%d>, PATH = <1%s>**

**Cause:** The SECONDARY\_BUFFER\_XXXX property value is invalid.

**Action:** Check the environment variable SECONDARY\_BUFFER\_XXXX.

**0x11195 ( 70037) smERR\_ABORT\_service\_secondary\_buffer\_in\_recv Recovery failure. Secondary Buffer is serving.**

**Cause:** Secondary Buffer service cannot be served before the recovery phase.

**Action:** Check the environment variable SECONDARY\_BUFFER\_XXXX.

**0x11196 ( 70038) smERR\_ABORT\_CannotCreateSecondaryBuffer Unable to create Secondary Buffer.**

**Cause:** A secondary file could not be created.

**Action:** Check the environment variable SECONDARY\_BUFFER\_XXXX.

**0x11199 ( 70041) smERR\_ABORT\_Cannot\_Perform\_Level1\_Backup Cannot perform level 1 backup.**

**Cause:** Level 0 backup does not exist.

**Action:** Perform a level 0 backup prior to executing a level 1 backup.

**0x1119A ( 70042) smERR\_ABORT\_UnableToExecuteAlterTable Unable to execute ALTER TABLE on [ TableOID: <0%lu> ].**

**Cause:** Another transaction is performing an ALTER TABLE statement on the table.

**Action:** Check whether another transaction is performing an ALTER TABLE statement on the table.

**0x1119B ( 70043) smERR\_ABORT\_TablespaceDoesNotExist Tablespace[ID: %d] does not exist.**

**Cause:** Tablespace which is written in the SCT\_UPDATE\_DRDB\_CREATE\_DBF log does not exist in the database.

**Action:** Restore with a valid backup file.

**0x1119E ( 70046) smERR\_ABORT\_SDMOpenFailed Unable to open SDM device.**

**Cause:** Device does not support Smart SSD features or the device path may be incorrectly specified.

**Action:** Check whether the device specified in the configuration file supports Smart SSD features and is correct.

**0x111A0 ( 70048) smERR\_ABORT\_Maximum\_Column\_count\_in\_temptable Too many columns in a temptable**

**Cause:** Too many columns in a temptable

**Action:** Cannot use queries based on the disk temp table.

**0x111A1 ( 70049) smERR\_ABORT\_TooManySlotIndiskTempTable Too many slot in disk temp table.**

**Cause:** Cannot manage the page descriptor area because value of the properties pertaining to the size of the disk temp table is incompatible.

**Action:** Increase the value of the SORT\_AREA\_SIZE/HASH\_AREA\_SIZE property or decrease the value of the TEMP\_MAX\_PAGE\_COUNT

**0x111A2 ( 70050) smERR\_ABORT\_NO\_CALLBACK The database link is not initialized.**

**Cause:** No callback functions are registered for the remote table.

**Action:** Please check that the database link is enabled.

**0x111A3 ( 70051) smERR\_ABORT\_Invalid\_slot Invalid slot access.**

**Cause:** Invalid slot access.

**Action:** Refrain from attempting this action.

**0x111A4 ( 70052) smERR\_ABORT\_TooSmallDirectKeySize Failed to create a direct key index because the column is larger than the available space in the index.**

**Cause:** The column on which the direct key index is to be created is bigger than the maximum size set for the direct key index.

**Action:** Set a larger value for the MAXSIZE option of the direct key index.

**0x111A5 ( 70053) smERR\_ABORT\_NonDirectKeyOption The DIRECTKEY option is only supported for memory B-Tree indexes.**

**Cause:** The DIRECTKEY option is only supported for memory B-Tree indexes.

**Action:** Create a memory B-Tree index or do not use the DIRECTKEY option for this index.

**0x111A6 ( 70054) smERR\_ABORT\_InvalidDirectKeyMaxSize The value of the MAXSIZE option exceeds the maximum limit.**

**Cause:** The maximum size of the direct key index exceeds the limit.

**Action:** Check the maximum size of the direct key index and change it so that it is between 8 bytes and one-third of the memory B-Tree node.

**0x111A7 ( 70055) smERR\_ABORT\_InvalidDataTypeInDirectKey Direct key indexes do not support this data type.**

**Cause:** The direct key index was used for an unsupported data type.

**Action:** Create direct key indexes only on CHAR, VARCHAR, NCHAR, and NVARCHAR columns.

**0x111A8 ( 70056) smERR\_ABORT\_NoCompressionInDirectKey Direct key indexes do not support compressed columns.**

**Cause:** An attempt was made to create a direct key index on a compressed column.

**Action:** Either create a memory B-Tree index or do not use the DIRECTKEY option for this index.

**0x111A9 ( 70057) smERR\_ABORT\_NoDirectKeyOnPartTable Direct key indexes do not support partitioned tables.**

**Cause:** An attempt was made to create a direct key index on a partitioned table.

**Action:** Either create a memory B-Tree index or do not use the DIRECTKEY option for this index.

**0x111AA ( 70058) smERR\_ABORT\_ReorgFail A memory index is failed to reorganize.**

**Cause:** The system failed to lock a mutex.

**Action:** Retry the reorganization.

**0x111AB ( 70059) smERR\_ABORT\_TOO\_MANY\_TRAVERSAL It takes too long to retrieve the index. (TableOID: <0%lu>, IndexID: <1%u>)**

**Cause:** An index is corrupt.

**Action:** Drop and rebuild the index.

**0x111AC ( 70060) smERR\_ABORT\_LogFileSizelsZero OS return Log file size is zero. ( <0%s> ).**

**Cause:** The log file prepare thread has been failed during a creation of the log file or OS error.

**Action:** Check the log files size. If the size of log file exists zero, remove its below.

**0x111AD ( 70061) smERR\_ABORT\_InvalidDatafileHeader The data file '<0%s>' has an invalid header. : DATABASE SID=<1%u>, FID=<2%u>, RedoLSN=control[<3%u>, <4%u>], [<5%u>, <6%u>], CreateLSN=control[<7%u>, <8%u>], [<9%u>, <10%u>], DBVer=<11%u>, CtrVer=<12%u>, FileVer=<13%u>**

**Cause:** The data file creation LSN does not match one of the log anchor files.

**Action:** Verify the data file.

**0x111AE ( 70062) smERR\_ABORT\_InvalidDataFileCreateLSN The create LSN (<0%u>, <1%u>) of the data file (<2%s>) is bigger than the restart redo LSN (<3%u>, <4%u>).**

**Cause:** The data file is invalid.

**Action:** Verify that the data file was backed up correctly.

**0x111B0 ( 70064) smERR\_ABORT\_NotFoundLog Cannot find the log record (LSN >= <0%u>, <1%u> ) that is needed in the logfile (<2%s>).**

**Cause:** The log file is invalid.

**Action:** Check the logfile.

**0x111B1 ( 70065) smERR\_ABORT\_InvalidLog Invalid Log (FileNo:<0%d>,Offset:<1%d>)**

**Cause:** The log file is invalid.

**Action:** Check the logfile.

**0x111B2 ( 70066) smERR\_ABORT\_InvalidBCB The BCB does not exist or is not valid. ( SpaceID: <0%u>, PageID:<1%u> )**

**Cause:** The BCB does not exist or is not valid.

**Action:** Please shut down and restart to rebuild BCB List.

**0x111B3 ( 70067) smERR\_ABORT\_smnUniqueViolationInReplTrans Unique violation caused conflict resolution in replication.**

**Cause:** Unique violation caused conflict resolution on replication.

**Action:** Check the conflict message written on \$ALTIBASE\_HOME/trc/altibase\_rp.log.

**0x111B4 ( 70068) smERR\_ABORT\_NOT\_SUPPORT\_FALLOCATE The operation is not supported by the filesystem(or kernel).**

**Cause:** The filesystem(or kernel) containing the file does not support this operation.

**Action:** Set the LOG\_CREATE\_METHOD property value to 0 and restart the server.

**0x111B5 ( 70069) smERR\_ABORT\_ERR\_LOG\_CONSISTENCY Incomplete media recovery aborted due to log consistency failure. ( <0%s> ).**



**Cause:** A log file has been lost. If Incomplete media recovery continues, data may be lost.

**Action:** Copy a valid log file to [LOG\_DIR] or move log files that are not needed for recovery to another directory.

**0x111B6 ( 70070) smERR\_ABORT\_ERR\_NOT\_USED\_LOCK\_MGR\_TYPE\_VALUE LOCK\_MGR\_TYPE 1 is deprecated.**

**Cause:** Spin lock mode is no longer used.

**Action:** You must change LOCK\_MGR\_TYPE to 0 or 2.

**0x111BC ( 70076) smERR\_ABORT\_TX\_SEGMENT\_ENTRY\_ALLOC Failed to allocate transaction segment entry. (Entry count:<0%d>) (TID:<1%d>)**

**Cause:** The number of transaction segments exceeds TRANSACTION\_SEGMENT\_COUNT

**Action:** Check TRANSACTION\_SEGMENT\_COUNT

**0x111BE ( 70078) smERR\_ABORT\_NOT\_BUILT\_INDEX Failed to scan the index because it was not rebuilt. (Index Name :<0%s>)**

**Cause:** This index was not rebuilt when the Altibase server was starting up. The value of INDEX\_REBUILD\_AT\_STARTUP property is set to 0.

**Action:** Rebuild this index. Or to rebuild all the indexes, delete INDEX\_REBUILD\_AT\_STARTUP = 0 in altibase.properties and restart the Altibase server.

**0x111C1 ( 70081) smERR\_ABORT\_WrongLogFileSize The log file size has changed. : <0%s> (current file size:<1%u>, expected file size:<2%u>)**

**Cause:** The log file size has changed abnormally, so that the file is invalid.

**Action:** Check if the backed-up file for the log file exists and restore it. If it's not available, contact Altibase's Support Center (<http://support.altibase.com>).

## IGNORE

**0x12007 ( 73735) smERR\_IGNORE\_SyncFail Failed to invoke the msync() system function**

**Cause:** The system failed to synchronize a file with mapped memory.

**Action:** Ignore this error message.

**0x1214B ( 74059) smERR\_IGNORE\_CAN\_NOT\_USE\_THIS\_LOCATOR You can't use this LobLocator.**

**Cause:** A NULL LobLocator cannot be used.

**Action:** Refrain from attempting this action.

## RETRY

**0x1304C ( 77900) smERR\_RETRY\_Already\_Modified A record has already been updated.**

**Cause:** Another transaction has already updated the same record.

**Action:** No action is necessary.

**0x13055 ( 77909) smERR\_REBUILD\_smiTableModified The table structure has been modified.**

**Cause:** The table structure has been modified.

**Action:** Build the query again.

**0x13111 ( 78097) smERR\_REBUILD\_smiTBSModified The tablespace structure has been modified**

**Cause:** The tablespace has been dropped.

**Action:** Build the query again.

**0x1318B ( 78219) smERR\_RETRY\_Row\_Retry A record has already been updated.**

**Cause:** Another transaction has already updated the same record.

**Action:** No action is necessary.

## 3.MT Error Code

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### FATAL

#### **0x20001 ( 131073) mtERR\_FATAL\_NOT\_APPLICABLE Not applicable**

**Cause:** This error occurs due to a logical programming error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x20003 ( 131075) mtERR\_FATAL\_MEMORY\_SHORTAGE Out of memory**

**Cause:** Out of memory

**Action:** Verify that the system has sufficient memory.

#### **0x20004 ( 131076) mtERR\_FATAL\_CONVERSION\_COLLISION Two or more conversions <0%s> are defined for two data types.**

**Cause:** This is a data type conversion error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x20005 ( 131077) mtERR\_FATAL\_INCOMPATIBLE\_TYPE Incompatible data type <0%s>.**

**Cause:** Incompatible data type

**Action:** Check the compatibility of the data types.

#### **0x20006 ( 131078) mtERR\_FATAL\_COLUMN\_EXCEED Column exceed.**

**Cause:** The conversion path between MT data types exceeds the buffer size.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x20044 ( 131140) mtERR\_FATAL\_THR\_MUTEXINIT Failed to invoke the mutex\_init() system function**

**Cause:** The system failed to initialize a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x20045 ( 131141) mtERR\_FATAL\_THR\_MUTEXLOCK Failed to invoke the mutex\_lock() system function**

**Cause:** The system failed to lock a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x20046 ( 131142) mtERR\_FATAL\_THR\_MUTEXUNLOCK Failed to invoke the muntex\_unlock() system function**

**Cause:** The system failed to unlock a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

## ABORT

### **0x21002 ( 135170) mtERR\_ABORT\_NOT\_APPLICABLE Not applicable**

**Cause:** This error occurs due to a logical programming error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

### **0x21007 ( 135175) mtERR\_ABORT\_LANGUAGE\_MODULE\_NOT\_FOUND Language module <0%s> not found.**

**Cause:** The language module was not found.

**Action:** Check the language.

### **0x21008 ( 135176) mtERR\_ABORT\_DATATYPE\_MODULE\_NOT\_FOUND Data type module <0%s> not found.**

**Cause:** The data type module was not found.

**Action:** Check the data type.

### **0x21009 ( 135177) mtERR\_ABORT\_CONVERSION\_MODULE\_NOT\_FOUND Conversion module <0%s> not found.**

**Cause:** The conversion module was not found.

**Action:** Check the compatibility of the data types.

### **0x2100A ( 135178) mtERR\_ABORT\_FUNCTION\_MODULE\_NOT\_FOUND Function module <0%s> not found.**

**Cause:** The function module was not found.

**Action:** Use the correct function name.

### **0x2100B ( 135179) mtERR\_ABORT\_INVALID\_FUNCTION\_ARGUMENT Invalid number of arguments for a function.**

**Cause:** The number of arguments for the function was invalid.

**Action:** Check the number of arguments required by the function.

### **0x2100C ( 135180) mtERR\_ABORT\_CONVERSION\_NOT\_APPLICABLE Conversion not applicable.**

**Cause:** The conversion is not applicable.

**Action:** Check the compatibility of the data types.

### **0x2100D ( 135181) mtERR\_ABORT\_INVALID\_LENGTH Invalid data type length**

**Cause:** The length of the data type was invalid.

**Action:** Check the length of the data type.

### **0x2100E ( 135182) mtERR\_ABORT\_INVALID\_PRECISION Invalid data type precision**

**Cause:** The precision of the data type was invalid.

**Action:** Check the precision of the data type.

### **0x2100F ( 135183) mtERR\_ABORT\_INVALID\_SCALE Invalid data type scale**

**Cause:** The scale of the data type was invalid.

**Action:** Check the scale of the data type.

**0x21010 ( 135184) mtERR\_ABORT\_VALUE\_OVERFLOW Value overflow**

**Cause:** Value overflow

**Action:** Change the value or data type.

**0x21011 ( 135185) mtERR\_ABORT\_INVALID\_LITERAL Invalid literal**

**Cause:** Invalid literal.

**Action:** Check the constant of the data type.

**0x21013 ( 135187) mtERR\_ABORT\_STACK\_OVERFLOW Calculation stack overflow**

**Cause:** Calculation stack overflow.

**Action:** Alter the calculation stack size using the ALTER SESSION statement.

**0x21014 ( 135188) mtERR\_ABORT\_NOT\_AGGREGATION The function is not an aggregate function.**

**Cause:** The function is not an aggregate function.

**Action:** Remove the ALL or DISTINCT keyword.

**0x21016 ( 135190) mtERR\_ABORT\_DIVIDE\_BY\_ZERO Division by zero**

**Cause:** An attempt was made to divide a number by zero.

**Action:** Find and remove the attempt to divide a number by zero.

**0x21017 ( 135191) mtERR\_ABORT\_ARGUMENT\_NOT\_APPLICABLE The argument is not applicable.**

**Cause:** The argument is not applicable to the function.

**Action:** Verify that the argument falls within the valid range.

**0x21018 ( 135192) mtERR\_ABORT\_NOT\_SUPPORTED\_OBJECT\_TYPE The specified object type is currently not supported.**

**Cause:** Unsupported object type

**Action:** For geometry types, only the POINT type is currently supported.

**0x21019 ( 135193) mtERR\_ABORT\_OBJECT\_TYPE\_NOT\_APPLICABLE Inapplicable object type**

**Cause:** The specified object type is not applicable to the function.

**Action:** Check the type of the object.

**0x2101A ( 135194) mtERR\_ABORT\_INVALID\_WKT Error parsing well-known-text**

**Cause:** The specified well-known-text is not correct.

**Action:** Check the well-known-text.

**0x2101B ( 135195) mtERR\_ABORT\_TO\_CHAR\_MAX\_PRECISION The value exceeds the maximum precision ( <0%d> ) of the format.**

**Cause:** The maximum precision of the format has been exceeded.

**Action:** Check the size of the format string.

**0x2101C ( 135196) mtERR\_ABORT\_VALIDATE\_INVALID\_VALUE Invalid data value**

**Cause:** The value of the data exceeds the logical value scope.

**Action:** Check the data value.

**0x2101D ( 135197) mtERR\_ABORT\_VALIDATE\_INVALID\_LENGTH Invalid data length**

**Cause:** The length of the data exceeds the valid scope.

**Action:** Check the length of the data.

**0x2101E ( 135198) mtERR\_ABORT\_CODING\_INVALID\_FMT Invalid coding format**

**Cause:** The compiled coding format is not valid.

**Action:** Check the compiled format.

**0x2101F ( 135199) mtERR\_ABORT\_CODING\_DATA\_FMT\_MISMATCH Mismatched data and format**

**Cause:** The data string mismatches the specified format.

**Action:** Check the data string.

**0x21020 ( 135200) mtERR\_ABORT\_INVALID\_LITERAL\_AFTER\_ESCAPE Missing or invalid literal following the escape character**

**Cause:** The escape character must be followed by either '%' or '\_'.

**Action:** Check the LIKE predicate.

**0x21021 ( 135201) mtERR\_ABORT\_INVALID\_ESCAPE Invalid escape literal**

**Cause:** The length of the escape literal is greater than one. The escape literal is invalid.

**Action:** Check the escape character of the LIKE predicate.

**0x2102A ( 135210) mtERR\_ABORT\_NOT\_SUPPORTED\_YET Not supported yet.**

**Cause:** The digest algorithm is not supported yet.

**Action:** No action is necessary.

**0x2102B ( 135211) mtERR\_ABORT\_INVALID\_DIGEST\_ALGORITHM Invalid digest algorithm.**

**Cause:** The digest algorithm name is unknown.

**Action:** Check the second argument of the digest function.

**0x2102C ( 135212) mtERR\_ABORT\_ARGUMENT\_VALUE\_OUT\_OF\_RANGE The argument '<0%d>' is out of range.**

**Cause:** The argument value is out of range.

**Action:** Check the argument value.

**0x2102D ( 135213) mtERR\_ABORTDATEDIFF\_OUT\_OF\_RANGE\_IN\_SECOND The interval between startdate and enddate exceeded 68 years.**

**Cause:** If the date field name is 'SECOND', the interval between startdate and enddate must be less than 68 years.

**Action:** Check the startdate and enddate values.

**0x2102E ( 135214) mtERR\_ABORT\_DATEDIFF\_OUT\_OF\_RANGE\_IN\_MICROSECOND** The interval between startdate and enddate exceeded 30 days.

**Cause:** If the date field name is 'MICROSECOND', the interval between startdate and enddate must be less than 30 days.

**Action:** Check the startdate and enddate values.

**0x2102F ( 135215) mtERR\_ABORT\_INVALID\_SIZE\_OF\_SECOND\_AND\_MICROSECOND** The value of SSSSSSSS must be an eight-digit number.

**Cause:** The value of SSSSSSSS has less than eight digits.

**Action:** Check the value of SSSSSSSS.

**0x21030 ( 135216) mtERR\_ABORT\_INVALID\_CHARACTER** Invalid character use.

**Cause:** An invalid character is being used.

**Action:** Verify that every character in the input string is a valid character.

**0x21031 ( 135217) mtERR\_ABORT\_CONVERSION\_DISABLE** Unable to convert the data type.

**Cause:** Unable to convert the data type.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x21041 ( 135233) mtERR\_ABORT\_ONLY\_USE\_DEC\_OR\_HEX\_IN\_DUMP\_FUNC** Only a decimal or hexadecimal number is allowed.

**Cause:** Only a decimal or hexadecimal number is allowed.

**Action:** Check the number.

**0x21042 ( 135234) mtERR\_ABORT\_INVALID\_U\_TYPE\_STRING '\'** must be followed by four hexadecimal characters.

**Cause:** '\' must be followed by four hexadecimal characters.

**Action:** Fix the string.

**0x2104B ( 135243) mtERR\_ABORT\_INVALID\_STORED\_DATA\_LENGTH** The data saved in the DBMS are not the expected length.

**Cause:** The disk page is broken or the meta table has invalid data.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x2104C ( 135244) mtERR\_ABORT\_ART** Error generated by Automatic Recovery Test(ART)

**Cause:** Ignore.

**Action:** Ignore.

**0x21069 ( 135273) mtERR\_ABORT\_INVALID\_LENGTH\_COLUMN** Invalid data type length : <0%s>.

**Cause:** The data length has been exceeded.

**Action:** Verify that the length of the data is correct.

**0x2106B ( 135275) mtERR\_ABORT\_PCRE2\_NOT\_SUPPORTED\_ENCODING Unsupported character set by PCRE2 library**

**Cause:** The current session processes regular expression using the PCRE2 library. In this case, the Altibase server character set must be a character set supported by the PCRE2 library.

**Action:**

- Check the character sets supported by the PCRE2 library in functions section in SQL Reference.
- Check the Altibase server character set.
- If the Altibase server character set is not supported by the PCRE2 library, change the value of the REGEXP\_MODE property to 0.
- To process the regular expression using the PCRE2 library, Altibase server has to change its character set to another one that is supported by PCRE2 library. This requires recreating database.

**0x2106C ( 135276) mtERR\_ABORT\_PCRE2\_UNEXPECTED\_ERROR error: <1%s> (occurred in <0%s>)**

**Cause:** This error occurs when the REGEXP\_MODE property is set to 1.

**Action:** Check the error message and contact Altibase's Support Center (<http://support.altibase.com>).

**0x21022 ( 135202) mtERR\_ABORT\_INVALID\_DATE Invalid date literal**

**Cause:** The character to be converted to the date type is invalid.

**Action:** Check the arguments in the date conversion function.

**0x21023 ( 135203) mtERR\_ABORT\_INVALID\_YEAR The year is invalid or out of range.**

**Cause:** The year part of the date literal is invalid or out of range.

**Action:** Check the arguments in the date conversion function.

**0x21024 ( 135204) mtERR\_ABORT\_INVALID\_MONTH The month value must be from 1 to 12.**

**Cause:** The month part of the date literal is invalid or out of range.

**Action:** Check the arguments in the date conversion function.

**0x21025 ( 135205) mtERR\_ABORT\_INVALID\_DAY Invalid day of the month**

**Cause:** The day part of the date literal is invalid or out of range.

**Action:** Check the arguments in the date conversion function.

**0x21026 ( 135206) mtERR\_ABORT\_INVALID\_HOUR The hour value must be between 1 and 12 inclusive.**

**Cause:** An invalid hour was specified for a date using the 12-hour time format.

**Action:** Enter an hour value between 1 and 12.



**0x21027 ( 135207) mtERR\_ABORT\_INVALID\_MINUTE The minutes value must be between 0 and 59 inclusive.**

**Cause:** The minutes part of the date literal is invalid or out of range.

**Action:** Check the arguments in the date conversion function.

**0x21028 ( 135208) mtERR\_ABORT\_INVALID\_SECOND The seconds value must be between 0 and 59 inclusive.**

**Cause:** The seconds part of the date literal is invalid or out of range.

**Action:** Check the arguments in the date conversion function.

**0x21029 ( 135209) mtERR\_ABORT\_INVALID\_MICROSECOND The microseconds value must be between 0 and 999999 inclusive.**

**Cause:** The microseconds part of the date literal is invalid or out of range.

**Action:** Check the arguments in the date conversion function.

**0x21032 ( 135218) mtERR\_ABORT\_DATE\_NOT\_ENOUGH\_INPUT The input literal is not long enough for the date format.**

**Cause:** The data to be converted to the date format was incomplete; the date format picture was longer than the input data.

**Action:** Either add more input or shorten the date format picture, then retry the operation.

**0x21033 ( 135219) mtERR\_ABORT\_DATE\_NOT\_ENOUGH\_FORMAT The date format picture ends before the entire input string was converted.**

**Cause:** The first part of the format picture was converted into a valid date, but the remaining data was not required.

**Action:** Check the specifications for date format pictures and correct the statement.

**0x21034 ( 135220) mtERR\_ABORT\_DATE\_INVALID\_HOUR24 Hours must be between 0 and 23 inclusive.**

**Cause:** An invalid hour value was specified for a date.

**Action:** Enter an hour value between 0 and 23 inclusive.

**0x21035 ( 135221) mtERR\_ABORT\_DATE\_INVALID\_DAY\_OF\_YEAR The day of the year must be between 1 and 365 (366 for leap year) inclusive.**

**Cause:** An invalid day of the year was specified in a date. The day of the year (DDD) must be between 1 and 365 inclusive for a non-leap year or 1 and 366 inclusive for a leap year.

**Action:** Enter a day of the year value between 1 and 365 (or 366) inclusive.

**0x21036 ( 135222) mtERR\_ABORT\_DATE\_INVALID\_SEC\_IN\_DAY The seconds value in the date must be between 0 and 86399 inclusive.**

**Cause:** An invalid value for the number of seconds was specified in a date.

**Action:** Specify a seconds value between 0 and 86399 inclusive.

**0x21037 ( 135223) mtERR\_ABORT\_DATE\_CONFLICT\_FORMAT The same (purpose) format element(s) is (are) used twice or more.**

**Cause:** The same (purpose) format element is listed more than once in a date specification.

**Action:** Check the format code.

**0x21038 ( 135224) mtERR\_ABORT\_DATE\_LITERAL\_MISMATCH Literals in the input do not match the format string.**

**Cause:** Literals in the input must be the same length as literals in the format string (with the exception of leading whitespaces). If the "FX" modifier has been toggled on, the literal must match exactly, with no extra whitespace.

**Action:** Correct the format string to match the literal.

**0x21039 ( 135225) mtERR\_ABORT\_DATE\_NOT\_RECOGNIZED\_FORMAT The date format ( <0%s> ) was not recognized.**

**Cause:** A date specification contained an invalid format code.

**Action:** Check that only valid date format codes are used.

**0x2103A ( 135226) mtERR\_ABORT\_DATE\_NON\_NUMERIC\_INPUT A non-numeric character was found where a numeric character was expected.**

**Cause:** The input data to be converted using the date format model was incorrect. The input data contained a non-number where a number was required by the format model.

**Action:** Fix the input data or the date format model so that they match each other in number and type. Then retry the operation.

**0x2103B ( 135227) mtERR\_ABORT\_DATE\_SSSSS\_CONFLICT\_SS The seconds-of-minute value conflicts with the seconds-in-day value.**

**Cause:** A date specification contained both seconds of the minute and seconds in the day, but the values did not correspond. If both types of seconds are specified, the seconds of the minute value (SS) must correspond to the second portion of the seconds past midnight value (SSSSS).

**Action:** Remove the seconds-of-minute value from the date specification or enter a value that corresponds to the given seconds-in-day value.

**0x2103C ( 135228) mtERR\_ABORT\_DATE\_SSSSS\_CONFLICT\_MI The minutes-of-hour value conflicts with the seconds-in-day value.**

**Cause:** A date specification contained both minutes of the hour and seconds in the day, but the values did not correspond. If both minutes in the hour (MI) and seconds past midnight (SSSSS) are specified, the minutes value must be the minute in which the seconds value falls.

**Action:** Remove the minutes value from the date specification or enter the correct minute value for the specified seconds value.

**0x2103D ( 135229) mtERR\_ABORT\_DATE\_SSSSS\_CONFLICT\_HH The hour value conflicts with the seconds-in-day value.**

**Cause:** A date specification contained both an hour value and a seconds in the day value, but the values did not correspond. If an hour is specified together with a seconds-past-midnight (SSSSS) value, it must be the hour in which the seconds value falls.

**Action:** Remove the hour value from the date specification or specify the correct seconds-past-midnight value.

**0x2103E ( 135230) mtERR\_ABORT\_DATE\_DDD\_CONFLICT\_DD Day of month conflicts with day of year.**

**Cause:** A date containing the day of the month was specified, but the day-of-the-month value did not correspond to the day-of-the-year value. If the day-of-the-month value is specified as part of a date, it must be the same day specified in the day-of-the-year value.

**Action:** Remove the day-of-the-month value from the date specification or enter the correct day-of-the-year value.

**0x2103F ( 135231) mtERR\_ABORT\_DATE\_DDD\_CONFLICT\_MM The month value conflicts with the day-of-year value.**

**Cause:** The wrong month was specified in a date. If a month is specified as part of a date, it must be the month in which the date occurs.

**Action:** Remove the month value from the date specification or enter the correct date value.

**0x21040 ( 135232) mtERR\_ABORT\_DATE\_DAY\_CONFLICT A day-of-week value conflicts with a date value.**

**Cause:** A day-of-the-week value was specified as part of a date, but the day of the week did not correspond to the specified date value. If the day of the week is specified with a date, it must be the same day of the week as the date.

**Action:** Remove the day-of-the-week value from the date specification or enter a date value corresponding to the correct day of the week.

**0x21043 ( 135235) mtERR\_ABORT\_UNEXPECTED\_ERROR Unexpected errors may have occurred: <0%s>: <1%s>**

**Cause:** This error occurs due to a logical programming error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x21047 ( 135239) mtERR\_ABORT\_NULL\_VALUE No NULL value is allowed to be used as the data type.**

**Cause:** No NULL value is allowed to be used as the data type.

**Action:** Verify that there is no NULL value in the field.

**0x21048 ( 135240) mtERR\_ABORT\_OVERFLOW Out of range of value supported by the type**

**Cause:** Out of range of value supported by the type

**Action:** Change the input value to be in the range of value supported by the given type.

**0x21049 ( 135241) mtERR\_ABORT\_INVALID\_NUMERIC Unable to cast the string to INTEGER type**

**Cause:** It is impossible to cast the string to the INTEGER type.

**Action:** Change the string appropriately.

**0x2104A ( 135242) mtERR\_ABORT\_REACH\_END Unexpected end of string**

**Cause:** Unexpected end of string

**Action:** Verify that the form of the string is legal.

**0x2104D ( 135245) mtERR\_ABORT\_WRONG\_PATTERN Invalid pattern string**

**Cause:** A search attempt was made using an invalid pattern string.

**Action:** Verify that the pattern string is valid.

**0x2104E ( 135246) mtERR\_ABORT\_TZ\_REGION\_NOT\_FOUND Time zone region not found**

**Cause:** The time zone region could not be found.

**Action:** Check the time zone region in the V\$TIME\_ZONE\_NAMES performance view.

**0x2104F ( 135247) mtERR\_ABORT\_TZ\_FMT\_MISMATCH Time zone format string mismatch**

**Cause:** The string literal does not match the format string.

**Action:** Check the time zone format string.

**0x21050 ( 135248) mtERR\_ABORT\_TZ\_HOUR\_OUT\_OF\_RANGE Time zone offset out of range**

**Cause:** The time zone hour (offset) was less than -12 or greater than 14.

**Action:** Set the time zone hour to a value between -12 and 14 (inclusive).

**0x21051 ( 135249) mtERR\_ABORT\_TZ\_LENGTH\_EXCEED Time zone string too long**

**Cause:** The length of the TIME\_ZONE value exceeds the maximum length.

**Action:** Check the time zone string.

**0x21052 ( 135250) mtERR\_ABORT\_LONG\_PATTERN Pattern string too long**

**Cause:** A search attempt was made using an excessively long pattern string.

**Action:** Verify that the size of the pattern string is less than 4KB.

**0x21053 ( 135251) mtERR\_ABORT\_REGEXP\_REQUIRED\_PAREN The pattern requires parentheses, brackets, or braces.**

**Cause:** The pattern requires parentheses, brackets, or braces.

**Action:** Check whether the pattern contains a closing parenthesis.

**0x21054 ( 135252) mtERR\_ABORT\_REGEXP\_CLASS\_EMPTY The pattern contains an empty bracket.**

**Cause:** The pattern contains an empty bracket.

**Action:** Check whether the pattern contains an empty bracket.

**0x21055 ( 135253) mtERR\_ABORT\_REGEXP\_CONST\_OVERFLOW The pattern exceeds the maximum supported numeric range(10 digits).**

**Cause:** The pattern exceeds the maximum supported numeric range(10 digits).

**Action:** Check whether the pattern contains a number with more than 10 digits.

**0x21056 ( 135254) mtERR\_ABORT\_REGEXP\_REQUIRED\_NUMBER The pattern requires numbers({m} {m,} {m,n}: m and n must be numbers).**

**Cause:** The pattern requires numbers({m} {m,} {m,n}: m and n must be numbers).

**Action:** Check whether valid numbers are input in the pattern format, {m} {m,} {m,n}.

**0x21057 ( 135255) mtERR\_ABORT\_REGEXP\_REQUIRED\_COMMA** The pattern requires braces or commas.

**Cause:** The pattern requires braces or commas.

**Action:** Check whether the pattern contains braces or commas.

**0x21058 ( 135256) mtERR\_ABORT\_REGEXP\_UNEXPECTED\_CAHR** The pattern contains an unexpected character.

**Cause:** The pattern contains an unexpected character.

**Action:** Verify that the pattern string is valid.

**0x21059 ( 135257) mtERR\_ABORT\_REGEXP\_UNFINISHED\_RANGE** The pattern contains an unfinished range.

**Cause:** The pattern contains an unfinished range.

**Action:** Verify that the pattern string is valid.

**0x2105A ( 135258) mtERR\_ABORT\_REGEXP\_INVALID\_RANGE** The pattern contains an invalid range.

**Cause:** The pattern contains an invalid range.

**Action:** Verify that the pattern format [A-Z] is valid.

**0x2105B ( 135259) mtERR\_ABORT\_REGEXP\_CLASS\_INVALID\_CHAR** The pattern contains a predefined character class.

**Cause:** The pattern contains a predefined character class.

**Action:** Check whether the pattern contains a predefined character class.

**0x2105C ( 135260) mtERR\_ABORT\_REGEXP\_LONG\_PATTERN** The pattern's size exceeds 1024.

**Cause:** The pattern's size exceeds 1024.

**Action:** Verify that the size of the pattern string is less than 1KB.

**0x2105D ( 135261) mtERR\_ABORT\_CRYPT\_PADDING\_UNEXPECTED\_CAHR** The padded text contains an unexpected padding character.

**Cause:** The padded text contains an unexpected padding character.

**Action:** Only a value returned by the PKCS7PAD16() function is valid for the PKCS7UNPAD() function.

**0x21061 ( 135265) mtERR\_ABORT\_TOO\_LONG\_CONCATENATION** result of string concatenation is too long.

**Cause:** String concatenation result is more than the maximum size.

**Action:** Make sure that the result is less than the maximum size.

**0x21062 ( 135266) mtERR\_ABORT\_INVALID\_PERCENTILE\_VALUE** The percentile value should be a number between 0 and 1.

**Cause:** A percentile value for PERCENTILE\_CONT or PERCENTILE\_DISC function is specified out of range.

**Action:** Specify a value from [0,1].

**0x21063 ( 135267) mtERR\_ABORT\_WITHIN\_GORUP\_COLUMN\_OVERFLOW** The order by column of within group exceeds the maximum limit.

**Cause:** The column of the path exceeds the maximum limit.

**Action:** check order by column count.

**0x21064 ( 135268) mtERR\_ABORT\_MISSING\_WITHIN\_GROUP** WITHIN keyword required for this function.

**Cause:** The function requires the WITHIN keyword.

**Action:** Add the proper WITHIN keyword for the function.

**0x21065 ( 135269) mtERR\_ABORT\_NOT\_ALLOWED\_WITHIN\_GROUP** A WITHIN keyword is not allowed here.

**Cause:** A WITHIN keyword is not allowed here.

**Action:** Remove the WITHIN keyword.

**0x21066 ( 135270) mtERR\_ABORT\_MEMORY\_ALLOCATION** Insufficient memory for the Mathematics Module.

**Cause:** The memory manager could not allocate sufficient memory for the Mathematics Module.

**Action:** Verify that the system has sufficient memory.

**0x21067 ( 135271) mtERR\_ABORT\_INVALID\_ENCODED\_STRING** invalid encode string.

**Cause:** An error occurred while decoding the input string.

**Action:** Verify that source data is a valid encoded string.

**0x21068 ( 135272) mtERR\_ABORT\_SMTP\_REPLY\_ERROR** SMTP Reply Error: <0%s>

**Cause:** The SMTP server reply an error message.

**Action:** check an error message.

**0x2106A ( 135274) mtERR\_ABORT\_MAX\_MEM\_SIZE\_EXCEED** The memory size allocated for the statement has exceeded the maximum limit ( Name : <0%s>, Wanted Memory Size : <1%lu>, Max size : <2%lu> ).

**Cause:** The memory size allocated for the statement has exceeded the maximum limit.

**Action:** Increase the XXXXXXXX\_MEMORY\_MAXIMUM property value...

## IGNORE

**0x22000 ( 139264) mtERR\_IGNORE\_NOERROR** Ignore this message.

**Cause:** This is not an error.

**Action:** Ignore this message.

**0x2205E ( 139358) mtERR\_IGNORE\_CDBC\_NOT\_SUPPORTED** Unsupported data type.

**Cause:** Unsupported data type.

**Action:** Check your source code and use a valid data type.

**0x2205F ( 139359) mtERR\_IGNORE\_CDBC\_SMALL\_BUFFER Buffer is smaller than the minimum size.**

**Cause:** You allocated a buffer smaller than the minimum size.

**Action:** Check your source code and allocate a buffer of an appropriate size.

**0x22060 ( 139360) mtERR\_IGNORE\_CDBC\_NULL\_SCOLUMN Argument value is null.**

**Cause:** The value of the function argument is null.

**Action:** Check your source code and set a value for the function argument.

## 4.RP Error Code

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### FATAL

**0x60002 ( 393218) rpERR\_FATAL\_RP\_MEMORY\_ALLOCATION Unable to allocate memory**

**Cause:** The system failed to allocate sufficient memory.

**Action:** Verify that sufficient memory is available.

**0x60006 ( 393222) rpERR\_FATAL\_RP\_SENDER\_INVALID\_OPTION Internal error**

**Cause:** An invalid replication option was set for the replication Sender.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x60071 ( 393329) rpERR\_FATAL\_ThrCondInit Failed to invoke the cond\_init() system function**

**Cause:** The system failed to invoke the cond\_init() function.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x600A2 ( 393378) rpERR\_FATAL\_ThrCondBroadcast Failed to invoke a system function, cond\_broadcast(), errno is (<0%d>).**

**Cause:** The system failed to invoke the cond\_broadcast() function.

**Action:** Please send a bug report to the vendor.

**0x600B4 ( 393396) rpERR\_FATAL\_ThrMutexInit Unable to initialize a mutex.**

**Cause:** The system failed to initialize a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x600B5 ( 393397) rpERR\_FATAL\_ThrMutexDestroy Failed to invoke the mutex\_destroy() system function**

**Cause:** The system failed to remove a mutex.

**Action:** Please send a bug report to the vendor.

**0x60125 ( 393509) rpERR\_FATAL\_RPD\_REPL\_META\_CRASH A replication meta table crashed.**

**Cause:** A replication meta table crashed.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x60167 ( 393575) rpERR\_FATAL\_ThrLatchInit Unable to initialize a latch.**

**Cause:** The system failed to initialize a latch.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).



## ABORT

### **0x61003 ( 397315) rpERR\_ABORT\_RP\_READ\_SOCKET Unable to read from a socket**

**Cause:** The connection to replication has been disconnected or failed to receive data within the specified time.

**Action:** Increase the replication-related timeout or check the local and remote altibase\_rp.log file to find out why the connection is broken.

### **0x61004 ( 397316) rpERR\_ABORT\_RP\_WRITE\_SOCKET Unable to write to a socket**

**Cause:** Network error

**Action:** Check the network.

### **0x61008 ( 397320) rpERR\_ABORT\_RP\_META\_NO\_SUCH\_DATA Unable to find meta information.**

**Cause:** Failed to find information from the replication metadata either because the database crashed or an error occurred.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

### **0x61009 ( 397321) rpERR\_ABORT\_RP\_JOIN\_THREAD Unable to join the sender thread**

**Cause:** The system failed to join the sender thread.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

### **0x6100A ( 397322) rpERR\_ABORT\_RP\_ALREADY\_STARTED The sender has already been started.**

**Cause:** The sender has already been started.

**Action:** Check whether the sender has already been started.

### **0x6100B ( 397323) rpERR\_ABORT\_RP\_MAXIMUM\_THREADS\_REACHED Out of replication threads ( replication thread count > <0%d>)**

**Cause:** The number of replications currently running on the system has exceeded the maximum limit.

**Action:** Check the maximum number of replication threads.

### **0x6100C ( 397324) rpERR\_ABORT\_RP\_RECEIVER\_NOT\_FOUND The receiver does not exist.**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

### **0x6100D ( 397325) rpERR\_ABORT\_RP\_SENDER\_HANDSHAKE [Sender] Failed to handshake with the peer server (<0%s>)**

**Cause:** Network or server error. The replication definition might contain an error.

**Action:** Check the network. Verify that the replication definition is the same on the corresponding server.

**0x6100E ( 397326) rpERR\_ABORT\_RP\_PEER\_WAKEUP Failed to wake up peer sender**

**Cause:** When the server started, it attempted to connect to the remote database, but failed.

**Action:** Start the remote database.

**0x61010 ( 397328) rpERR\_ABORT\_RP\_SENDER\_START [Sender] Failed to start the sender thread**

**Cause:** The communication or handshaking failed.

**Action:** Check the network, the server, and the replication definition.

**0x61011 ( 397329) rpERR\_ABORT\_RP\_SENDER\_SYNCSTART [Sender] Failed to start sync**

**Cause:** The communication or handshaking failed.

**Action:** Check the network, the server, and the replication definition.

**0x61012 ( 397330) rpERR\_ABORT\_RP\_SENDER\_CONNECT\_PEER [Sender] Failed to connect to the peer server**

**Cause:**

- 1. Peer server is not running.
- 2. IP address or Port number is invalid.
- 3. Network is not working.

**Action:**

- 1. Confirm peer server is running.
- 2. Verify both IP address and port number are correctly entered.
- 3. Ensure that network is working normally.

**0x61013 ( 397331) rpERR\_ABORT\_RP\_SENDER\_DO\_REPLICATION [Sender] Replication failed**

**Cause:** The replication Sender failed during replication.

**Action:** Check the error number from the altibase\_rp.log file and take appropriate action.

**0x61014 ( 397332) rpERR\_ABORT\_RP\_SENDER\_MAKE\_XLOG\_IN\_LOGFILE [Sender] Failed to make XLOG in a log file at SN[<0%lu>]**

**Cause:** The replication Sender failed to convert the log of the corresponding SN in the log file to an XLog.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61015 ( 397333) rpERR\_ABORT\_RP\_SENDER\_CHECK\_LOG [Sender] Failed to check a physical log at SN[<0%lu>]**

**Cause:** The replication Sender cannot read the log of the corresponding SN.

**Action:** The replication Sender that sends logs to the Altibase Log Analyzer must specify the SN to another position.

**0x6101D ( 397341) rpERR\_ABORT\_RP\_SENDER\_SYNC\_TABLE [Sender] Failed to sync a table**

**Cause:** The replication Sender failed to synchronize the table.

**Action:** Check the network status or the status of the corresponding server, and take appropriate action.

**0x61021 ( 397345) rpERR\_ABORT\_RP\_SENDER\_ADD\_INSERT\_SYNC\_XLOG [Sender] Failed to add the insert SYNC XLOG**

**Cause:** The replication Sender failed to send data to the corresponding server.

**Action:** Please send a bug report to the vendor.

**0x61022 ( 397346) rpERR\_ABORT\_RP\_SENDER\_SLEEP [Sender] Sender Sleep : <0%d> seconds**

**Cause:** The sender is in sleep.

**Action:** This message is for information only.

**0x61023 ( 397347) rpERR\_ABORT\_RP\_REPLICATION\_DISABLED Replication is disabled**

**Cause:** The replication feature of Altibase could not be used. Replication was not initialized on startup because the port is not set correctly.

**Action:** Set the port correctly.

**0x61025 ( 397349) rpERR\_ABORT\_RP\_REPLICATION\_DENY Replication denied (<0%s>)**

**Cause:** Replication access was denied because the corresponding server has not yet started.

**Action:** Restart replication after a brief delay. If replication has already started, wait for the corresponding server to start.

**0x61026 ( 397350) rpERR\_ABORT\_RP\_REPLICATION\_NOK Unable to process the replication (<0%s>)**

**Cause:** Replication was not possible because some conditions were not satisfied.

**Action:** Try again later.

**0x61027 ( 397351) rpERR\_ABORT\_RP\_REPLICATION\_NOT\_STARTED Replication did not start.**

**Cause:** The replication did not start.

**Action:** Verify that replication was started.

**0x61028 ( 397352) rpERR\_ABORT\_RP\_REPLICATION\_SELF\_REPLICATION A case of self-replication has been detected. (Peer=<0%s>:<1%u>)**

**Cause:** The IP address and port for replication are the same as those of the local server.

**Action:** Check the IP address and port for replication.

**0x61029 ( 397353) rpERR\_ABORT\_RP\_ENTRY\_EXIST [Sender] Entry already exists in insert()**

**Cause:** The same transaction table slot is being used.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6102A ( 397354) rpERR\_ABORT\_BIND Bind failure**

**Cause:**

- Network error

**Action:**

- Check the network.

#### **0x6102C ( 397356) rpERR\_ABORT\_START\_RECEIVER [Receiver] Failed to start the receiver**

**Cause:** The replication Receiver has failed to start either because the versions are different or there is a network error.

**Action:** Check the replication version between the two nodes, or check the network.

#### **0x6102D ( 397357) rpERR\_ABORT\_LISTEN [Receiver] Failed to listen to a replication socket (Port No:<0%d>)**

**Cause:** REPLICATION\_PORT\_NO port is occupied by other application or not yet released.

**Action:** Use other port number or terminate the application using the REPLICATION\_PORT\_NO port.

#### **0x61030 ( 397360) rpERR\_ABORT\_META\_BUILD [Receiver] Failed to build meta information**

**Cause:** The system failed to create metadata.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x61031 ( 397361) rpERR\_ABORT\_META\_MISMATCH [Receiver] Meta information does not match**

**Cause:** The receiver's meta information does not match the sender's meta information.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x61032 ( 397362) rpERR\_ABORT\_SEND\_ACK [Receiver] Failed to send ACK**

**Cause:** Failed to send a handshake ACK to the replication Sender.

**Action:** Check the network.

#### **0x61033 ( 397363) rpERR\_ABORT\_TX\_BEGIN [Receiver] Transaction begin failure**

**Cause:** The replication Receiver failed to start an internal transaction.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x61034 ( 397364) rpERR\_ABORT\_TX\_COMMIT [Receiver] Transaction commit failure**

**Cause:** The replication Receiver failed to commit an internal transaction.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x61035 ( 397365) rpERR\_ABORT\_UPDATE\_CONFLICT [Receiver] An update conflict occurred.**

**Cause:** An update conflict occurred while the replication was in process.

**Action:** You may safely ignore this message if you have restarted replication.

#### **0x61037 ( 397367) rpERR\_ABORT\_NOT\_EXIST\_TABLE\_DEL [Receiver] err\_not\_exist\_table in deleteXLog()**

**Cause:** The table does not exist.

**Action:** Check the altibase\_rp.log file.

**0x61038 ( 397368) rpERR\_ABORT\_NOT\_EXIST\_TABLE\_INS [Receiver] err\_not\_exist\_table in insertXLog()**

**Cause:** The table does not exist.

**Action:** Check the altibase\_rp.log file.

**0x61039 ( 397369) rpERR\_ABORT\_NOT\_EXIST\_TABLE\_UPT [Receiver] err\_not\_exist\_table in updateXLog()**

**Cause:** The table does not exist.

**Action:** Check the altibase\_rp.log file.

**0x61042 ( 397378) rpERR\_ABORT\_TX\_COMMIT2 [Receiver] err\_tx in commit()**

**Cause:** The replication Receiver failed to commit a replicated transaction.

**Action:** Check the error code from the altibase\_rp.log file and take appropriate action. If the maximum number of rows has been set for creating tables, commit can fail.

**0x61043 ( 397379) rpERR\_ABORT\_TX\_ERROR [Receiver] err\_tx in err\_tx()**

**Cause:** The replication Receiver failed to roll back a committed transaction.

**Action:** Check the error code from the altibase\_rp.log file and take appropriate action.

**0x61046 ( 397382) rpERR\_ABORT\_PROTOCOL\_RUN [Receiver] protocol error in run()**

**Cause:** The replication Receiver received an unexpected protocol from the replication Sender.

**Action:** Check the replication protocol version between the two nodes. If the versions are different, change it to the same version. If the versions are the same, check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61047 ( 397383) rpERR\_ABORT\_ERROR\_RECVXLOG2 [Receiver] <0%s> receiver has error in recvXLog()**

**Cause:** Unable to read data from the network connection.

**Action:** Check the network connection.

**0x61048 ( 397384) rpERR\_ABORT\_RECVXLOG\_RUN [Receiver] <0%s> receiver has recvXLog error in run()**

**Cause:**

- Unable to read data from the network connection.

**Action:**

- Check the network connection.

**0x6104B ( 397387) rpERR\_ABORT\_END\_THREAD [Receiver] <0%s> receiver is ended (by thr\_exit)**

**Cause:** Unable to read data from the network connection.

**Action:** Check the network connection.

**0x6104D ( 397389) rpERR\_ABORT\_CLOSE\_LOG\_FILE [Sender] Failed to close log file logfile<0%d>.log**

**Cause:** Internal server error

**Action:** Please send a bug report to the vendor.

**0x6104E ( 397390) rpERR\_ABORT\_GET\_ACK [Sender] Failed to get ACK**

**Cause:** Internal server error

**Action:** Please send a bug report to the vendor.

**0x6104F ( 397391) rpERR\_ABORT\_RP\_SENDER\_INIT [Sender] Failed to initialize**

**Cause:** The replication Sender failed to initialize.

**Action:** Restart the replication Sender. If the replication Sender repeatedly fails to start, check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61050 ( 397392) rpERR\_ABORT\_OPEN\_LOG\_FILE [Sender] Failed to open log file logfile<0%d>.log**

**Cause:** Internal server error

**Action:** Please send a bug report to the vendor.

**0x61053 ( 397395) rpERR\_ABORT\_INVALID\_PARAM [Sender] Invalid parameter**

**Cause:** Internal server error

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61055 ( 397397) rpERR\_ABORT\_MEMORY\_ALLOC Memory allocation failure [Function=<0%s>, Variable=<1%s>]**

**Cause:** The system failed to allocate memory.

**Action:** Check the status of the memory available for allocation and retry.

**0x61056 ( 397398) rpERR\_ABORT\_ALREADY\_FINAL [Receiver] to be ended (already finalized by manager)**

**Cause:** The replication Receiver terminated abnormally. This error mainly occurs due to a network error or a rollback of a long-running transaction.

**Action:** Check the error number from the altibase\_rp.log file and take appropriate action. If the replication Receiver has rolled back a long-running transaction, increase the value of replication\_receive\_timeout on both nodes.

**0x61057 ( 397399) rpERR\_ABORT\_PROTOCOL\_ERROR [Receiver] rp\_x\_b protocol error in run()**

**Cause:** The receiver thread tried to start a transaction that has already been started.

**Action:** N/A

**0x6105A ( 397402) rpERR\_ABORT\_BEGIN\_ERROR\_IN\_RUN [Receiver] begin error in run()**

**Cause:** The replication Receiver failed to add a new transaction.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6105B ( 397403) rpERR\_ABORT\_ABORT\_ERROR\_IN\_RUN [Receiver] abort error in run()**

**Cause:** The replication Receiver failed to roll back a transaction.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6105C ( 397404) rpERR\_ABORT\_COMMIT\_ERROR\_IN\_RUN [Receiver] commit error in run()**

**Cause:** The replication Receiver failed to commit a replicated transaction.

**Action:** Check the error number from the altibase\_rp.log file and take appropriate action.

**0x61069 ( 397417) rpERR\_ABORT\_RP\_INTERNAL\_ARG Internal server error in replication module (<0%s>).**

**Cause:** Program error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6106B ( 397419) rpERR\_ABORT\_RP\_SENDER\_SEND\_ERROR [Sender] Failed to send XLog to peer network**

**Cause:** The peer network has a problem.

**Action:** The system will retry automatically.

**0x6106C ( 397420) rpERR\_ABORT\_RP\_SENDER\_RECV\_ERROR [Sender] Failed to receive XLog from peer network**

**Cause:** The peer network has a problem or is offline.

**Action:** The system will retry automatically.

**0x6106D ( 397421) rpERR\_ABORT\_RP\_SET\_SAVEPOINT\_ERROR\_IN\_RUN [Receiver] smiTrans set(savepoint) error in run()**

**Cause:** The replication Receiver failed to create a savepoint.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6106E ( 397422) rpERR\_ABORT\_RP\_ABORT\_SAVEPOINT\_ERROR\_IN\_RUN [Receiver] smiTrans abort(savepoint) error in run()**

**Cause:** The replication Receiver failed to roll back to a savepoint.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6106F ( 397423) rpERR\_ABORT\_RP\_NOT\_DROP\_ONE\_TABLE You cannot drop only one replicated table.**

**Cause:** You cannot drop a table when only one replicated table is remaining.

**Action:** Drop the replication object, or insert another table and drop the table.

**0x61075 ( 397429) rpERR\_ABORT\_TIMEOUT\_EXCEED Timeout exceed.**

**Cause:** A timeout occurred while the replication Sender and Receiver were communicating.

**Action:** Set a larger value for the REPLICATION\_RECEIVE\_TIMEOUT property.

**0x61076 ( 397430) rpERR\_ABORT\_INVALID\_XSN [Sender] Invalid XSN[<0%ld>] > Current[<1%ld>] occurred**

**Cause:** The restart SN value of the replication Sender is invalid.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61077 ( 397431) rpERR\_ABORT\_RP\_SENDER\_UPDATE\_XSN [Sender] Failed to update XSN**

**Cause:** The replication Sender failed to update the restart SN value.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61078 ( 397432) rpERR\_ABORT\_RP\_TRANSACTION\_TABLE\_IN\_INSERT [Receiver] replication transaction table error during insert() operation**

**Cause:** The replication Receiver failed to insert data into the transaction table.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61079 ( 397433) rpERR\_ABORT\_RP\_FIND\_IN\_TRANSTABLE\_REMOVE [Receiver] find error in transaction table during remove() operation**

**Cause:** Internal server error

**Action:** Please send a bug report to the vendor.

**0x6107A ( 397434) rpERR\_ABORT\_NOT\_HAVE\_HOST Invalid Host [<0%s>, <1%d>]**

**Cause:** Host Information (IP, Port) doesn't belong to this replication.

**Action:** Attempt this operation again using the correct host information.

**0x6107B ( 397435) rpERR\_ABORT\_COLUMN\_COUNT\_MISMATCH <0%s> column count mismatch of <1%s> table. ( column count of received XLog is <2%d> and column count of meta is <3%d>)**

**Cause:** The sender and receiver table column counts do not match.

**Action:** Reorganize replicated tables and recreate the replication after checking both the sender and receiver table meta information.

**0x6107C ( 397436) rpERR\_ABORT\_COLUMN\_ID\_MISMATCH <0%s> <1%d>'th column ID mismatch of <2%s> table. ( column ID of received XLog is <3%d> and column ID of meta is <4%d>)**

**Cause:** The sender and receiver table column IDs do not match.

**Action:** Reorganize replicated tables and recreate the replication after checking both the sender and receiver table meta information.

**0x61082 ( 397442) rpERR\_ABORT\_INDEX\_COUNT\_IS\_NOT\_AVAILABLE [Meta] Index Count isn't available [<0%u>]**

**Cause:** Index count mismatch



**Action:** Check the number of table indexes.

**0x61083 ( 397443) rpERR\_ABORT\_ADD\_SESSION [Network] Add Session operation failed**

**Cause:** cmiAddSession() returned an error

**Action:** Please send a bug report to the vendor.

**0x61084 ( 397444) rpERR\_ABORT\_SET\_LINK [Network] Set link to session failed**

**Cause:** The session already has another link.

**Action:** Please send a bug report to the vendor.

**0x61085 ( 397445) rpERR\_ABORT\_FREE\_LINK [Network] Free link operation failed**

**Cause:** Failed to free network memory resources.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61086 ( 397446) rpERR\_ABORT\_FREE\_DISPATCHER [Network] Free dispatcher operation failed**

**Cause:** Failed to free network dispatcher resources.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61087 ( 397447) rpERR\_ABORT\_SHUTDOWN\_LINK [Network] Shutdown link operation failed**

**Cause:** Failed to shut down the network because the corresponding party has terminated first.

**Action:** You may safely ignore this message.

**0x61088 ( 397448) rpERR\_ABORT\_CLOSE\_LINK [Network] Close link operation failed**

**Cause:** Failed to close a network socket.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61089 ( 397449) rpERR\_ABORT\_ALLOC\_LINK [Network] Alloc link operation failed**

**Cause:** Failed to allocate network resources.

**Action:** Check the state of system resources. If they are insufficient, take appropriate action.

**0x6108A ( 397450) rpERR\_ABORT\_CONNECT\_FAIL [Network] Connection failed**

**Cause:** The system failed to invoke connect() function.

**Action:** Verify that the corresponding server is alive, or check the network.

**0x6108B ( 397451) rpERR\_ABORT\_SEND\_FAIL [Network] Send operation failed**

**Cause:** The replication Sender failed to send data to the corresponding server.

**Action:** Verify that the corresponding server is alive, or check the network status.

**0x6108C ( 397452) rpERR\_ABORT\_OPEN\_LOB\_CURSOR [SmExec] A failure occurred while opening LOB Cursor**

**Cause:** The replication Receiver tried to open a LOB cursor to apply LOB data, but failed.

**Action:** Check whether the LOB data of the replication target table is the same and take appropriate action.

**0x6108D ( 397453) rpERR\_ABORT\_CLOSE\_LOB\_CURSOR [SmExec] A failure occurred while closing the LOB Cursor**

**Cause:** The replication Receiver tried to close a LOB cursor to finish applying LOB data, but failed.

**Action:** Check whether the LOB data of the replication target table is the same and take appropriate action.

**0x6108E ( 397454) rpERR\_ABORT\_LOB\_PREPARE\_WRITE [SmExec] A failure occurred while preparing for LOB writing**

**Cause:** The replication Receiver tried to prepare to write the LOB cursor to finish applying LOB data, but failed.

**Action:** Check whether the LOB data of the replication target table is the same and take appropriate action.

**0x6108F ( 397455) rpERR\_ABORT\_LOB\_FINISH\_WRITE [SmExec] A failure occurred while finishing LOB writing**

**Cause:** The replication Receiver tried to finish writing to the LOB cursor to finish applying LOB data, but failed.

**Action:** Check whether the LOB data of the replication target table is the same and take appropriate action.

**0x61090 ( 397456) rpERR\_ABORT\_LOB\_PARTIAL\_WRITE [SmExec] A failure occurred while writing the LOB piece**

**Cause:** The replication Receiver tried to partially write to the LOB cursor to finish applying LOB data, but failed.

**Action:** Check whether the LOB data of the replication target table is the same and take appropriate action.

**0x61091 ( 397457) rpERR\_ABORT\_LOB\_GET\_LENGTH [SmExec] A failure occurred while getting the LOB piece length**

**Cause:** The replication Receiver tried to get the length of the LOB cursor to finish applying LOB data, but failed.

**Action:** Check whether the LOB data of the replication target table is the same and take appropriate action.

**0x61092 ( 397458) rpERR\_ABORT\_LOB\_READ [SmExec] A failure occurred while reading an LOB piece**

**Cause:** The replication Receiver tried to read the LOB cursor to finish applying LOB data, but failed.

**Action:** Check whether the LOB data of the replication target table is the same and take appropriate action.

**0x61093 ( 397459) rpERR\_ABORT\_NOT\_FOUND Locator [<0%lu>] not found**

**Cause:** LOB locator was not found.

**Action:** Please send a bug report to the vendor.

**0x61094 ( 397460) rpERR\_ABORT\_RP\_SENDER\_NOT\_FOUND\_TABLE** The given table isn't found in the meta.

**Cause:** Unable to find the table in the meta.

**Action:** Check the altibase\_rp.log file and replication definition.

**0x61095 ( 397461) rpERR\_ABORT\_RP\_RECEIVER\_NOT\_FOUND\_TABLE** The given table isn't found in the meta.

**Cause:** Unable to find the table in the meta.

**Action:** Check the altibase\_rp.log file and replication definition.

**0x61096 ( 397462) rpERR\_ABORT\_RP\_RECEIVER\_NOT\_FOUND\_COLUMN** The given column isn't found in the meta information.

**Cause:** Unable to find the column in the meta information.

**Action:** Check the altibase\_rp.log file and replication definition.

**0x61097 ( 397463) rpERR\_ABORT\_GET\_MODULE** The module couldn't be found on the server using the module ID.

**Cause:** Unable to find the module pointer on the server.

**Action:** Verify the altibase\_rp.log file and replication definition.

**0x61098 ( 397464) rpERR\_ABORT\_SENDER\_INVALID\_XLOG\_TYPE** [Sender] Invalid XLog type [<0%u>] in sender analysis

**Cause:** The XSN read and created by the replication Sender is invalid.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61099 ( 397465) rpERR\_ABORT\_RECEIVER\_INVALID\_XLOG\_TYPE** [Receiver] Invalid XLog type [<0%u>] in receiver analysis

**Cause:** The replication Receiver received an invalid XLog.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6109A ( 397466) rpERR\_ABORT\_ITEM\_NOT\_EXIST** [Meta] Replication meta item doesn't exist [Replication Name:<0%s>]

**Cause:** The replication metadata item does not exist due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6109C ( 397468) rpERR\_ABORT\_CONVERT\_ENDIAN** Endian conversion operation failed

**Cause:** A server with different Endians failed to convert the Endians during replication.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6109E ( 397470) rpERR\_ABORT\_NOT\_EXIST\_TABLE [Receiver] The specified table doesn't exist.**

**Cause:** The table does not exist.

**Action:** Check the altibase\_rp.log file.

**0x6109F ( 397471) rpERR\_ABORT\_RP\_ALREADY\_STARTED\_RECEIVER The receiver has already been started.**

**Cause:** The receiver has already been started.

**Action:** Check whether the receiver has already been started.

**0x610A0 ( 397472) rpERR\_ABORT\_GIVEUP\_SENDER\_STOP [Sender] Stopping <0%s> sender thread (sender read = SN[<1%ld>], current = SN[<2%ld>], distance from checkpoint = <3%ld>)**

**Cause:** The system tried to restart the sender thread with the current log file as specified by the REPLICATION\_MAX\_LOGFILE property.

**Action:** Check the status of the replication object, then synchronize the replication data and then restart replication.

**0x610A1 ( 397473) rpERR\_ABORT\_GIVEUP\_SENDER\_RESET [Sender] Resetting <0%s> sender XSN (sender XSN = SN[<1%ld>], current = SN[<2%ld>], distance from checkpoint = <3%ld>)**

**Cause:** The system tried to change the current log file as specified by the REPLICATION\_MAX\_LOGFILE property.

**Action:** Check the status of the replication object, then synchronize the replication data and then restart replication.

**0x610A3 ( 397475) rpERR\_ABORT\_ROLE\_NOT\_SUPPORT\_RECEIVER [Receiver] The receiver is not supported in this role.**

**Cause:** The replication receiver is not supported in this role.

**Action:** Check the role of the replication.

**0x610A4 ( 397476) rpERR\_ABORT\_RECEIVER\_UNEXPECTED\_PROTOCOL [Receiver] Unexpected replication protocol [<0%u>]**

**Cause:** The replication Receiver received an undefined protocol for replication.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610A5 ( 397477) rpERR\_ABORT\_RECEIVER\_TX\_NOT\_BEGIN [Receiver] Transaction has not begun. Received XLog [Type:<0%d>, TID:<1%u>, SN:<2%ld>]**

**Cause:** The replication Receiver received the XLog of a transaction that has not yet started.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610A6 ( 397478) rpERR\_ABORT\_LOGBUFFER\_ALLOC Replication log buffer memory allocation failed.**

**Cause:** The system failed to allocate memory.

**Action:** Verify that sufficient memory is available.

**0x610A7 ( 397479) rpERR\_ABORT\_RP\_SENDER\_UPDATE\_INVALID\_MAX\_SN [Sender] Failed to update INVALID MAX SN**

**Cause:** Failed to update replication metadata (INVALID MAX SN) due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610A8 ( 397480) rpERR\_ABORT\_RECOVERY\_INFO\_EXIST Recovery information already exists.**

**Cause:** Adding a table into or deleting a table from the replication is prohibited if the recovery option is enabled.

**Action:** Disable the recovery option or create another replication and try again.

**0x610A9 ( 397481) rpERR\_ABORT\_RECOVERY\_ALREADY\_STARTED The recovery sender has already been started.**

**Cause:** The recovery sender has already been started.

**Action:** Wait for complete recovery or cancel the recovery.

**0x610AA ( 397482) rpERR\_ABORT\_RP\_MAXIMUM\_RECOVERYITEM\_REACHED Irreplicable recovery information**

**Cause:** The amount of available recovery information on the system exceeds the maximum limit.

**Action:** Retry after

- 1. Increase value of the REPLICATION\_MAX\_COUNT property.
- 2. Remove the replication which enables other RECOVERY option.
- 3. Disable RECOVERY option.

**0x610AC ( 397484) rpERR\_ABORT\_GIVEUP\_RECOVERY\_DESTROY [Receiver] Destroy <0%s> recovery information (recovery info min sn = SN[<1%ld>], distance from checkpoint = <2%ld>)**

**Cause:** The number of logs that the replication Receiver stored for replication recovery has exceeded REPLICATION\_MAX\_LOGFILE. Recovery data and log files necessary for replication recovery have been dropped.

**Action:** To use the replication recovery option, increase the value of the REPLICATION\_MAX\_LOGFILE property.

**0x610AD ( 397485) rpERR\_ABORT\_RP\_RECOVERY\_REQUEST Failed to send <0%s> recovery request**

**Cause:** Failed to request replication recovery either because the corresponding server has not started or there is a network error.

**Action:** Replication recovery is impossible if the corresponding server has been terminated. To disable this option, set REPLICATION\_RECOVERY\_MAX\_TIME to 0, and restart. If a network error has occurred, increase REPLICATION\_RECOVERY\_REQUEST\_TIMEOUT, and restart replication. If connection fails, check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610B0 ( 397488) rpERR\_ABORT\_MISMATCH\_OLD\_ITEMS\_COUNT Old items count mismatch (<0%d>:<1%d>)**

**Cause:** The number of rows selected from SYS\_REPL\_OLD\_ITEMS\_ is invalid due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610B2 ( 397490) rpERR\_ABORT\_CONDITION\_COLUMN\_IS\_NOT\_FOUND Condition column not found.**

**Cause:** The condition column could not be found.

**Action:** Check the existence of a condition column.

**0x610B3 ( 397491) rpERR\_ABORT\_ART Error generated by Automatic Recovery Test(ART)**

**Cause:** Ignore.

**Action:** Ignore.

**0x610B6 ( 397494) rpERR\_ABORT\_RECEIVER\_NOT\_FOUND\_TABLE Table not found in the meta [SN=<0%ld>, Table OID=<1%ld>]**

**Cause:** Failed to find the table with the table OID from replication Receiver metadata due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610B7 ( 397495) rpERR\_ABORT\_RECEIVER\_NOT\_FOUND\_PK\_COLUMN PK Column not found in the meta [SN=<0%ld>, Table OID=<1%ld>, PK Column Seq=<2%d>]**

**Cause:** Failed to find the primary key column from metadata due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610B8 ( 397496) rpERR\_ABORT\_RECEIVER\_NOT\_FOUND\_COLUMN Column not found in the meta [SN=<0%ld>, Table OID=<1%ld>, Column ID=<2%d>]**

**Cause:** Failed to find the column from metadata due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610B9 ( 397497) rpERR\_ABORT\_RP\_NOT\_DROP\_ONE\_HOST You cannot drop only one host.**

**Cause:** Replication cannot be dropped when only one host is remaining.

**Action:** Drop the replication object, or insert another host and drop the host.

**0x610BA ( 397498) rpERR\_ABORT\_RP\_ABORT\_PSM\_SVP [Receiver] smiTrans abort PSM savepoint error in run()**

**Cause:** The replication receiver failed to abort to the savepoint.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610BB ( 397499) rpERR\_ABORT\_MISMATCH\_OFFLINE\_LOG\_LFGCOUNT Offline log LFG counts do not match.**

**Cause:** The sender and receiver offline log LFG counts do not match.

**Action:** Check the LFG counts.

**0x610BC ( 397500) rpERR\_ABORT\_MISMATCH\_OFFLINE\_LOG\_OSVERSION Offline log system OS versions do not match.**

**Cause:** The sender and receiver offline log system OS versions do not match.

**Action:** Confirm that the operating systems of Active and Standby server are the same or unset OFFLINE option.

**0x610BD ( 397501) rpERR\_ABORT\_MISMATCH\_OFFLINE\_LOG\_SMVERSION Offline log SM versions do not match.**

**Cause:** The sender and receiver offline log SM versions do not match.

**Action:** Confirm that the database versions of Active and Standby server are the same or unset OFFLINE option.

**0x610BE ( 397502) rpERR\_ABORT\_MISMATCH\_OFFLINE\_LOG\_COMPILEBIT Offline log compile bits do not match.**

**Cause:** The sender and receiver offline log compile bits do not match.

**Action:** Confirm that the compile bit versions of Active and Standby server are the same or unset OFFLINE option.

**0x610BF ( 397503) rpERR\_ABORT\_SENDER\_NOT\_FOUND\_COLUMN Column not found in the meta.**

**Cause:** Failed to find the column from metadata due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610C0 ( 397504) rpERR\_ABORT\_MISMATCH\_OFFLINE\_LOG\_FILESIZE Offline log file size does not match.**

**Cause:** The sender and receiver offline log file sizes do not match.

**Action:** Check the log file size.

**0x610C1 ( 397505) rpERR\_ABORT\_INVALID\_CM\_VARIABLE\_SIZE Invalid CM variable size [<0%>]**

**Cause:** Internal communication logic error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610C2 ( 397506) rpERR\_ABORT\_RP\_NOT\_FOUND\_OFFMETA The meta information for the offline sender cannot be found in memory.**

**Cause:** The remote sender has not been started since the local server was started.

**Action:** Start the replication in the remote server.

**0x610C3 ( 397507) rpERR\_ABORT\_INVALID\_OFFLINE\_RESTARTSN [Offline Sender] Failed to get valid XSN**

**Cause:** The replication stopped before XSN update.

**Action:** In this case, you cannot use the offline sender.

**0x610C4 ( 397508) rpERR\_ABORT\_NOT\_EXIST\_REPL\_ITEM Replication items not found.**

**Cause:**

- When the ALTER REPLICATION DROP TABLE statement is executed, the table is not in the replication.
- When the ALTER REPLICATION REP START statement is executed, the table on the sender (Active) side is not in the receiver (standby).

**Action:** Ensure that the replication table exists on both sides or that the table is included in the replication.

**0x610C5 ( 397509) rpERR\_ABORT\_TX\_ALLOC\_TIMEOUT [Receiver] Transaction allocation exceeds timeout.**

**Cause:** The transaction allocation failed because it timed out.

**Action:** Check transaction table status.

**0x610C6 ( 397510) rpERR\_ABORT\_INVALID\_CONT\_LOG Invalid log exists before current analyzing log [SN:<0%lu>].**

**Cause:** The previously analyzed log has an invalid continue flag.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610C7 ( 397511) rpERR\_ABORT\_RP\_OFFLINE\_SENDER\_ABNORMALLY\_EXIT Offline sender exits without finishing some jobs.**

**Cause:** An offline replication Sender has exited without finishing some jobs.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610C8 ( 397512) rpERR\_ABORT\_RP\_WRONG\_OPERATION\_TYPE Invalid Operation type [<0%u>] of replication protocol.**

**Cause:** The replication protocol's operation type is invalid.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610C9 ( 397513) rpERR\_ABORT\_RP\_OVERFLOW Size of log record is greater than size of replication log buffer.**

**Cause:** Replication is delayed or replication log buffer size is too small.

**Action:**

- Increase REPLICATION\_LOG\_BUFFER\_SIZE and restart the system.
- Find and resolve cause of the delay.



**0x610CB ( 397515) rpERR\_ABORT\_REPLICATION\_NAME\_MISMATCH** The replication name does not match [<0%s>:<1%s>].

**Cause:** The replication name does not match.

**Action:** Check the replication's name.

**0x610CC ( 397516) rpERR\_ABORT\_CONFLICT\_RESOLUTION** Master/Slave conflict resolution of the replication is not allowed [<0%d>:<1%d>].

**Cause:** The master/slave conflict resolution scheme for this replication object is not allowed.

**Action:** Check the conflict resolution scheme of the replication object.

**0x610CD ( 397517) rpERR\_ABORT\_REPLICATION\_ITEM\_COUNT\_MISMATCH** The replication's item count does not match [<0%d>:<1%d>].

**Cause:** The replication item count mismatch.

**Action:** Check the replication items.

**0x610CE ( 397518) rpERR\_ABORT\_ROLE\_MISMATCH** The replication's role does not match [<0%d>:<1%d>].

**Cause:** The replication role mismatch.

**Action:** Check the replication role.

**0x610CF ( 397519) rpERR\_ABORT\_TRANSACTION\_TABLE\_SIZE\_MISMATCH** The transaction table size of the replication does not match [<0%u>:<1%u>].

**Cause:** Replication transaction table size mismatch.

**Action:** Check the transaction table size.

**0x610D0 ( 397520) rpERR\_ABORT\_OPTION\_MISMATCH** The replication's option does not match [<0%d>:<1%d>].

**Cause:** The replication's option mismatch.

**Action:** Check the replication's option.

**0x610D1 ( 397521) rpERR\_ABORT\_CHARACTER\_SET\_MISMATCH** The character set of the database does not match. (DB=[<0%s>:<1%s>], National=[<2%s>:<3%s>]).

**Cause:** Database character set mismatch.

**Action:** Check the character set of the database.

**0x610D2 ( 397522) rpERR\_ABORT\_PRIMARY\_KEY\_COUNT\_MISMATCH** The primary key column count of the replicated table does not match [<0%s>(<1%d>):<2%s>(<3%d>)].

**Cause:** The primary key column count of the replicated table mismatch.

**Action:** Check the primary key of the replicated table.

**0x610D3 ( 397523) rpERR\_ABORT\_USER\_NAME\_MISMATCH** The user name of the replicated table's owner does not match [<0%s>(<1%s>):<2%s>(<3%s>)].

**Cause:** Replicated table's owner user name mismatch.

**Action:** Check the user name of the replicated table's owner.

**0x610D4 ( 397524) rpERR\_ABORT\_TABLE\_NAME\_MISMATCH** The replicated table name does not match [**<0%s>:<1%s>**].

**Cause:** Replicated table name mismatch.

**Action:** Check the replicated table name.

**0x610D5 ( 397525) rpERR\_ABORT\_PARTITION\_NAME\_MISMATCH** The partition name of the replicated table does not match [**<0%s>:<1%s>**].

**Cause:** Replicated table partition name mismatch.

**Action:** Check the partition name of the replicated table.

**0x610D6 ( 397526) rpERR\_ABORT\_PARTITION\_METHOD\_MISMATCH** The partition method of the replicated table does not match [**<0%s>(<1%d>):<2%s>(<3%d>)**].

**Cause:** Replicated table partition method mismatch.

**Action:** Check the partition method of the replicated table.

**0x610D7 ( 397527) rpERR\_ABORT\_PARTITION\_ORDER\_MISMATCH** The partition order of the replicated table does not match [**<0%s>(<1%d>):<2%s>(<3%d>)**].

**Cause:** Replicated table partition order mismatch.

**Action:** Check the partition order of the replicated table.

**0x610D8 ( 397528) rpERR\_ABORT\_UNIQUE\_INDEX\_COUNT\_MISMATCH** The unique index count of the replicated table does not match [**<0%s>:<1%s>**].

**Cause:** Replicated table unique index count mismatch.

**Action:** Check the unique index count of the replicated table.

**0x610D9 ( 397529) rpERR\_ABORT\_NON\_REPLICATION\_COLUMN\_NOT\_NULL** The non-replicated column of the replicated table has NOT NULL constraint. [**<0%s>:<1%s>(<2%s>)**].

**Cause:** The replicated table's non-replicated column has a NOT NULL constraint.

**Action:** Check the non-replicated column of the replicated table.

**0x610DA ( 397530) rpERR\_ABORT\_COLUMN\_TYPE\_MISMATCH** The column type of the replicated table does not match. [**<0%s>.<1%s>(<2%u>):<3%s>.<4%s>(<5%u>)**].

**Cause:** Replicated table column type mismatch.

**Action:** Check the column type of the replicated table.

**0x610DB ( 397531) rpERR\_ABORT\_COLUMN\_SIZE\_MISMATCH** The column size of the replicated table does not match. [**<0%s>(Name:<1%s>, Size:<2%d>, Precision:<3%d>, Scale:<4%d>):<5%s>(Name:<6%s>, Size:<7%d>, Precision: <8%d>, Scale: <9%d>)**].

**Cause:** Replicated table column size mismatch.

**Action:** Check the column size of the replicated table.

**0x610DC ( 397532) rpERR\_ABORT\_ENCRYPT\_PRECISION\_MISMATCH** The encrypt precision of the replicated table's column does not match. [**<0%s>(Name:<1%s>, Precision:<2%d>):<3%s>(Name:<4%s>, Precision: <5%d>)**].

**Cause:** Replicated table's column encryption precision mismatch.

**Action:** Check the the encrypt precision of the replicated table's column.

**0x610DD ( 397533) rpERR\_ABORT\_COLUMN\_CHARACTER\_SET\_MISMATCH** The column character set of the replicated table does not match. [**<0%s>.<1%s>(<2%u>):<3%s>.<4%s>(<5%u>)**].

**Cause:** Replicated table's column character set mismatch.

**Action:** Check the column character set of the replicated table.

**0x610DE ( 397534) rpERR\_ABORT\_COLUMN\_CONSTRAINT\_MISMATCH** NOT NULL constraints of the replicated table's column does not match. [**<0%s>.<1%s>(<2%d>):<3%s>.<4%s>(<5%d>)**].

**Cause:** Replicated table's NOT NULL constraints mismatch.

**Action:** Check the column's constraint of the replicated table.

**0x610DF ( 397535) rpERR\_ABORT\_POLICY\_MISMATCH** The encrypt policy name of the replicated table's column does not match. [**<0%s>(Name:<1%s>, Policy:<2%s>):<3%s>(Name:<4%s>, Policy:<5%s>)**].

**Cause:** Replicated table's column encryption policy name mismatch.

**Action:** Check the encrpyt policy name of the replicated table's column.

**0x610E0 ( 397536) rpERR\_ABORT\_POLICY\_CODE\_MISMATCH** The encrypt policy code of the replicated table's column does not match. [**<0%s>(Name:<1%s>, Policy:<2%s>):<3%s>(Name:<4%s>, Policy:<5%s>)**].

**Cause:** Replicated table's column encryption policy code mismatch.

**Action:** Check the encryption policy name of the replicated table's column.

**0x610E1 ( 397537) rpERR\_ABORT\_ECC\_POLICY\_MISMATCH** The encrypted comparision code policy name of the replicated table's column does not match. [**<0%s>(Name:<1%s>, ECC Policy:<2%s>):<3%s>(Name:<4%s>, ECC Policy:<5%s>)**].

**Cause:** The replicated table's column encryption comparison code policy name mismatch.

**Action:** Check the encrypted comparison code policy name of the replicated table's column.

**0x610E2 ( 397538) rpERR\_ABORT\_ECC\_POLICY\_CODE\_MISMATCH** The encrypted comparison policy code of the replicated table's column does not match. [**<0%s>(Name:<1%s>, ECC Policy:<2%s>):<3%s>(Name:<4%s>, ECC Policy:<5%s>)**].

**Cause:** Replicated table's column encryption comparison code mismatch.

**Action:** Check the encrypted comparison code of the replicated table's column.

**0x610E3 ( 397539) rpERR\_ABORT\_INDEX\_NAME\_MISMATCH** The index name of the replicated table does not match. [**<0%s>(Name:<1%s>):<2%s>(Name:<3%s>)**].

**Cause:** Replicated table index name mismatch.

**Action:** Check the index name of the replicated table.

**0x610E4 ( 397540) rpERR\_ABORT\_INDEX\_TYPE\_MISMATCH** The index type of the replicated table does not match. [**<0%s>(Name:<1%s>, Type:<2%u>):<3%s>(Name:<4%s>, Type:<5%u>)**].

**Cause:** Replicated table index name mismatch.

**Action:** Check the index name of the replicated table.

**0x610E5 ( 397541) rpERR\_ABORT\_INDEX\_UNIQUENESS\_MISMATCH** The index uniqueness of the replicated table does not match. [**<0%s>(Name:<1%s>, Uniqueness:<2%d>):<3%s>(Name:<4%s>, Uniqueness:<5%d>)]**].

**Cause:** Replicated table index uniqueness mismatch.

**Action:** Check the index uniqueness of the replicated table.

**0x610E6 ( 397542) rpERR\_ABORT\_LOCAL\_INDEX\_UNIQUENESS\_MISMATCH** The local index uniqueness of the replicated table does not match. [**<0%s>(Name:<1%s>, Uniqueness:<2%d>):<3%s>(Name:<4%s>, Uniqueness:<5%d>)]**].

**Cause:** Replicated table local index uniqueness mismatch.

**Action:** Check the local index uniqueness of the replicated table.

**0x610E7 ( 397543) rpERR\_ABORT\_INDEX\_COLUMN\_COUNT\_MISMATCH** The index column count of the replicated table does not match. [**<0%s>(Name:<1%s>, Count:<2%u>):<3%s>(Name:<4%s>, Count:<5%u>)]**].

**Cause:** Replicated table index column count mismatch.

**Action:** Check the index column count of the replicated table.

**0x610E8 ( 397544) rpERR\_ABORT\_INDEX\_COLUMN\_ID\_MISMATCH** The index column ID of the replicated table does not match. [**<0%s>(Name:<1%s>, ID:<2%u>):<3%s>(Name:<4%s>, ID:<5%u>)]**].

**Cause:** Replicated table index column ID mismatch.

**Action:** Check the index column ID of the replicated table.

**0x610E9 ( 397545) rpERR\_ABORT\_INDEX\_COLUMN\_ORDER\_MISMATCH** The index column order of the replicated table does not match. [**<0%s>(Name:<1%s>, ID:<2%d>, Flag:<3%d>):<4%s>(Name:<5%s>, ID:<6%d>, Flag:<7%d>)]**].

**Cause:** Replicated table index column order mismatch.

**Action:** Check the index column order of the replicated table.

**0x610EA ( 397546) rpERR\_ABORT\_MIXED\_UNIQUE\_INDEX\_COLUMN** The unique index of the replicated table is composed of replication column and non-replication column [**<0%s>(<1%s>)]**].

**Cause:** The unique index of the replicated table is composed of a replication column and a non-replication column.

**Action:** Check the unique index of the replicated table.

**0x610ED ( 397549) rpERR\_ABORT\_CANCEL\_COMMIT\_BY\_REPL** Transaction's commit was canceled by replication conflict.

**Cause:** Replication conflict occurred in the standby host.

**Action:** Execute rollback and check your application update logic.

**0x610EF ( 397551) rpERR\_ABORT\_ABNORMAL\_TYPE** [**<0%s>:<1%u>**] sender have abnormal type.

**Cause:** The replication Sender type is set to an invalid value.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610F1 ( 397553) rpERR\_ABORT\_RP\_SENDER\_UPDATE\_REMOTE\_FAULT\_DETECT\_TIME [Sender] Failed to update REMOTE\_FAULT\_DETECT\_TIME**

**Cause:** Failed to update the REMOTE\_FAULT\_DETECT\_TIME column in the SYS\_REPLICATIONS\_ meta table due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610F2 ( 397554) rpERR\_ABORT\_SENDER\_APPLY\_ABNORMAL\_EXIT [Sender] The apply thread exits abnormally.**

**Cause:** While the replication Sender was terminating, a related thread terminated abnormally due to a network error.

**Action:** Some data may have been unsent. Restart the replication Sender and then stop it, to terminate it normally.

**0x610F3 ( 397555) rpERR\_ABORT\_FAILBACK\_SENDER\_NOT\_EXIST [Receiver] Failback sender does not exist.**

**Cause:** Failback sender does not exist.

**Action:** Check the status of the replication sender.

**0x610F4 ( 397556) rpERR\_ABORT\_FAILBACK\_PK\_QUEUE\_TIMEOUT\_EXCEED [Receiver] The queue for failback is full.**

**Cause:** The queue for failback is full.

**Action:** Check status of the replication sender.

**0x610F5 ( 397557) rpERR\_ABORT\_FAILBACK\_INCREMENTAL\_SYNC\_MISMATCH The REPLICATION\_FAILBACK\_INCREMENTAL\_SYNC property mismatch. [<0%u>:<1%u>]**

**Cause:** The REPLICATION\_FAILBACK\_INCREMENTAL\_SYNC property mismatch.

**Action:** Check the REPLICATION\_FAILBACK\_INCREMENTAL\_SYNC property.

**0x610F6 ( 397558) rpERR\_ABORT\_RP\_LOG\_BUFFER\_PROPERTY\_CONFLICT The replication log buffer cannot be used when the REPLICATION\_SYNC\_LOG property is 1.**

**Cause:** The REPLICATION\_LOG\_BUFFER\_SIZE property is greater than 0 and the REPLICATION\_SYNC\_LOG property is 1.

**Action:** Check the REPLICATION\_LOG\_BUFFER\_SIZE and REPLICATION\_SYNC\_LOG properties.

**0x610F7 ( 397559) rpERR\_ABORT\_NOT\_FOUND\_RECORD [Receiver] Unable to find record in <0%s> function**

**Cause:** The record does not exist.

**Action:**

- Find the conflicted record in altibase\_rp.log or altibase\_rp\_conflict.log file and match the data or find and resolve the cause of the conflict (such as app logic).

- In case that there is no primary key information for the log about conflict in altibase\_rp.log or altibase\_rp\_conflict.log file, set the third bit of RP\_MSGLOG\_FLAG or the RP\_CONFLICT\_MSGLOG\_FLAG to output the primary key information into the log.
- It is possible to match the data using tools such as AltiComp if conflict has already occurred.

**0x610F8 ( 397560) rpERR\_ABORT\_RP\_SENDER\_ADD\_XLOG [Sender] Failed to add a XLog [TID: <0%u>, SN:<1%lu>, Type:<2%d>, Log Type:<3%d>, Change Log Type:<4%d>]**

**Cause:** The replication Sender failed to create an XLog from a log.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610FB ( 397563) rpERR\_ABORT\_UNEXPECTED\_HANDSHAKE\_ACK Unexpected replication handshake ACK [Result:<0%u>]**

**Cause:** The replication Sender received an unexpected ACK while handshaking the replication Receiver.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610FC ( 397564) rpERR\_ABORT\_HANDSHAKE\_DISCONNECT Disconnection during handshaking [<0%s>]**

**Cause:** A network error has occurred.

**Action:** Check the network status and ensure that all systems are connected to the network.

**0x610FD ( 397565) rpERR\_ABORT\_SENDER\_INFO\_NOT\_EXIST No Sender information for replication <0%s>.**

**Cause:** There is no information about the replication Sender.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x610FE ( 397566) rpERR\_ABORT\_RPC\_REPLICATION\_ALREADY\_STARTED Replication has already started.**

**Cause:** Replication is currently underway.

**Action:** Stop the current replication to start again.

**0x610FF ( 397567) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_REPLICATION\_DDL This replication DDL is no longer supported.**

**Cause:** An attempt to use a deprecated DDL statement was made.

**Action:** Refer to the Replication User's Manual.

**0x61100 ( 397568) rpERR\_ABORT\_RPC\_DUPLICATE\_REPLICATION Duplicate replication names. The replication name already exists in the database.**

**Cause:** The replication name already exists in the database. The IP address and the port number must be unique.

**Action:** Use another replication name. Consult the meta tables in order to find replications that use the same IP address and port number.

**0x61101 ( 397569) rpERR\_ABORT\_RPC\_DUPLICATE\_REPL\_OPTION Duplicate option names.**

**Cause:** Duplicate option names exist.

**Action:** Check option names for duplicates.

**0x61102 ( 397570) rpERR\_ABORT\_RPC\_MAX\_REPLICATION\_COUNT No more replications may be created. A database cannot have more than the maximum number of replications.**

**Cause:** A database cannot have more than the maximum number of replications.

**Action:** Decrease the number of replications or increase the value of REPLICATION\_MAX\_COUNT property.

**0x61103 ( 397571) rpERR\_ABORT\_RPC\_ROLE\_NOT\_SUPPORT\_UNIX\_DOMAIN UNIX domain socket is not supported in this role.**

**Cause:** This role does not support UNIX\_DOMAIN in the 'WITH' clause.

**Action:** Check the role of the replication.

**0x61104 ( 397572) rpERR\_ABORT\_RPC\_ROLE\_SUPPORT\_ONE\_SOCKET\_TYPE One socket type is supported in this role.**

**Cause:** This role supports one socket type.

**Action:** Check the role of the replication.

**0x61105 ( 397573) rpERR\_ABORT\_RPC\_ROLE\_SUPPORT\_ONE\_UNIX\_DOMAIN Only one UNIX domain socket is supported in this role.**

**Cause:** This role supports one UNIX domain socket.

**Action:** Check the role of the replication.

**0x61106 ( 397574) rpERR\_ABORT\_RPC\_ROLE\_NOT\_SUPPORT\_REPL\_RECOVERY Recovery option not supported in this role.**

**Cause:** This role does not support the recovery option.

**Action:** Check the options or the role of the replication.

**0x61107 ( 397575) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_REPL\_OFFLINE\_AND\_RECOVERY Offline option is not supported with recovery option.**

**Cause:** Offline option is not supported with the recovery option.

**Action:** Check the replication options.

**0x61108 ( 397576) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_REPL\_OFFLINE\_AND\_EAGER The offline option is not supported with eager mode.**

**Cause:** Simultaneous use of eager mode and the offline option is not supported.

**Action:** Change the option or mode of the replication.

**0x61109 ( 397577) rpERR\_ABORT\_RPC\_ROLE\_NOT\_SUPPORT\_REPL\_OFFLINE Offline option not supported in this role.**

**Cause:** This role does not support the offline option.

**Action:** Check the options or the role of the replication.

**0x6110A ( 397578) rpERR\_ABORT\_RPC\_ROLE\_NOT\_SUPPORT\_DEFAULT\_REPL\_MODE The default replication mode is not supported in this role.**

**Cause:** This role does not support the default replication mode.

**Action:** Check the role of the replication.

**0x6110B ( 397579) rpERR\_ABORT\_RPC\_INVALID\_HOST\_IP\_PORT** The host IP address or port number is invalid.

**Cause:** Invalid host IP address or port number.

**Action:** Check the host IP address and port number.

**0x6110C ( 397580) rpERR\_ABORT\_RPC\_ALREADY\_EXIST\_REPL\_HOST** Replication hosts already exist.

**Cause:** Replication hosts already exist.

**Action:** Check the meta tables.

**0x6110D ( 397581) rpERR\_ABORT\_RPC\_REPLICATED\_OBJECT\_TYPE** The replicated object type must be a table. <0%s>

**Cause:** Only a table may be replicated.

**Action:** Check the object type.

**0x6110E ( 397582) rpERR\_ABORT\_RPC\_NOT\_EXIST\_USER** User not found

**Cause:**

- The user is not in the meta database.

**Action:**

- Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6110F ( 397583) rpERR\_ABORT\_RPC\_NOT\_EXISTS\_USER** User not found : <0%s>

**Cause:** The name of the specified user was not found in the database.

**Action:** Verify that the user exists in the database.

**0x61110 ( 397584) rpERR\_ABORT\_RPC\_NOT\_EXIST\_TABLE** Table not found

**Cause:**

- The table is not in the meta database.

**Action:**

- Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61111 ( 397585) rpERR\_ABORT\_RPC\_NOT\_EXISTS\_TABLE** Table not found : <0%s>

**Cause:** The name of the specified table was not found in the database.

**Action:** Verify that the table exists in the database. Verify that there are no typos in the table name.

**0x61112 ( 397586) rpERR\_ABORT\_RPC\_REPLICATE\_TABLE\_WITH\_REFERENCE** Replication is not allowed on tables that have referential constraints. (<0%s>.<1%s>)

**Cause:** The user tried to replicate a table that has referential constraints.



**Action:** Verify that the table to be replicated does not have any referential constraints.

**0x61113 ( 397587) rpERR\_ABORT\_RPC\_NOT\_EXISTS\_PRIMARY\_KEY A replicated table must have a primary key. (<0%s>.<1%s>)**

**Cause:** No primary key was found in the table to be replicated. For replication, specify a table having a primary key.

**Action:** Create a primary key for the table to be replicated.

**0x61114 ( 397588) rpERR\_ABORT\_RPC\_REPL\_RECOVERY\_COUNT A table can recover only one replication.**

**Cause:** Table recovery already supported by another replication.

**Action:** Check the replication recovery count.

**0x61115 ( 397589) rpERR\_ABORT\_RPC\_NOT\_APPLICABLE\_POLICY This column policy is not compatible with replication. [<0%s>]**

**Cause:** This column policy is not compatible with replication.

**Action:** Check the column policy.

**0x61116 ( 397590) rpERR\_ABORT\_RPC\_CANNOT\_USE\_VOLATILE\_TABLE Replication not allowed on volatile tables.**

**Cause:** A volatile table cannot be replicated.

**Action:** Verify that the table to be replicated is not a volatile table.

**0x61117 ( 397591) rpERR\_ABORT\_RPC\_CANNOT\_USE\_TEMPORARY\_TABLE Temporary tables cannot be replicated.**

**Cause:** An attempt was made to add a temporary table to a replication object.

**Action:** Verify that none of the tables to be replicated are temporary tables.

**0x61118 ( 397592) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_MAX\_ROWS\_AND\_EAGER Replication in eager mode is not supported with the MAX ROWS table option.**

**Cause:** A table with the MAX\_ROWS option specified cannot be replicated in eager mode.

**Action:** Check the replication mode.

**0x61119 ( 397593) rpERR\_ABORT\_RPC\_NOT\_ALLOW\_ADD\_TABLE An ADD TABLE statement is not allowed in recovery support replication.**

**Cause:** An ADD TABLE statement is not allowed in a recovery support replication.

**Action:** Check the replication options.

**0x6111A ( 397594) rpERR\_ABORT\_RPC\_NOT\_EXIST\_REPL\_ITEM No replication items found.**

**Cause:** No replication items were found.

**Action:** Check the meta tables.

**0x6111B ( 397595) rpERR\_ABORT\_RPC\_NOT\_EXIST\_REPLICATION Undefined replication name. The replication name was not found in the database.**

**Cause:** The replication name was not found in the database. The name is incorrect or the replication has not been created yet.

**Action:** Verify that the replication name is typed correctly. Consult meta tables to see if the same replication name exists in the database.

**0x6111C ( 397596) rpERR\_ABORT\_RPC\_ALREADY\_RECOVERY\_SET Recovery option already set.**

**Cause:** The replication recovery option has already been set.

**Action:** Check the replication options.

**0x6111D ( 397597) rpERR\_ABORT\_RPC\_ALREADY\_RECOVERY\_UNSET The recovery option was already unset.**

**Cause:** The replication recovery option was already unset.

**Action:** Check the replication options.

**0x6111E ( 397598) rpERR\_ABORT\_RPC\_NOT\_ALLOW\_DROP\_TABLE An DROP TABLE statement is not allowed in recovery support replication.**

**Cause:** A DROP TABLE statement is not allowed in recovery support replication.

**Action:** Check the replication options.

**0x6111F ( 397599) rpERR\_ABORT\_RPC\_NOT\_EXIST\_REPL\_HOST Replication hosts not found.**

**Cause:** No replication hosts were found.

**Action:** Check the meta tables.

**0x61120 ( 397600) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_AT\_SN\_CLAUSE Replication cannot start from a specific SN unless it is used with the Log Analyzer.**

**Cause:** The AT SN clause was specified, but the role of the replication object is not "Log Analyzer".

**Action:** Either specify the FOR ANALYSIS clause in the CREATE REPLICATION statement, or do not use the AT SN clause in the ALTER REPLICATION statement.

**0x61121 ( 397601) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_RETRY\_AND\_EAGER The retry option is not supported when replication is running in eager mode.**

**Cause:** The retry option is not supported in eager mode.

**Action:** Either remove the retry option or change the replication mode.

**0x61122 ( 397602) rpERR\_ABORT\_RPC\_ROLE\_NOT\_SUPPORT\_SYNC Replication SYNC is not supported in this role.**

**Cause:** This role does not support SYNC.

**Action:** Check the role of the replication.

**0x61123 ( 397603) rpERR\_ABORT\_RPC\_ALREADY\_OFFLINE\_SET Offline option already set.**

**Cause:** The replication offline option was already set.

**Action:** Check the replication options.

**0x61124 ( 397604) rpERR\_ABORT\_RPC\_ALREADY\_OFFLINE\_UNSET Offline option already unset.**

**Cause:** The replication offline option was already unset.

**Action:** Check the replication options.

**0x61126 ( 397606) rpERR\_ABORT\_RPD\_REPL\_NOT\_FOUND Replication not found**

**Cause:** The specified replication has not been created yet.

**Action:** Create the replication first. Verify that the replication name is valid.

**0x61127 ( 397607) rpERR\_ABORT\_RPD\_INTERNAL\_ARG Internal server error in meta module (<0%s>).**

**Cause:** Failed to execute DML on replication metadata due to a database error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61128 ( 397608) rpERR\_ABORT\_RPD\_TOO\_MANY\_REPLICATION\_OLD\_ITEMS Internal server error. There are too many old item metas for replication. (<0%s>)**

**Cause:** A larger number of rows than those existing were returned from SYS\_REPL\_OLD\_ITEMS. This is an internal server error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61129 ( 397609) rpERR\_ABORT\_RPD\_NOT\_ENOUGH\_REPLICATION\_OLD\_ITEMS Internal server error. There are too few old item metas for replication. (<0%s>)**

**Cause:** A smaller number of rows than those existing were returned from SYS\_REPL\_OLD\_ITEMS. This is an internal server error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6112A ( 397610) rpERR\_ABORT\_RPD\_NOT\_EXIST\_REPL\_OFFLINE\_DIR\_PATH Replication offline log dir not found.**

**Cause:** No replication offline log directory path was found.

**Action:** Check the meta tables.

**0x6112B ( 397611) rpERR\_ABORT\_RPD\_TOO\_MANY\_REPLICATION\_OFFLINE\_DIR\_PATH Internal server error. Too many offline log dir paths for replication.**

**Cause:** Too many directories were specified for offline replication.

**Action:** Specify only one directory.

**0x6112C ( 397612) rpERR\_ABORT\_RPD\_NOT\_ENOUGH\_REPLICATION\_OFFLINE\_DIR\_PATH Internal server error. Too few offline log dir paths for replication.**

**Cause:** A directory has not been specified for offline replication.

**Action:** Specify a directory.

**0x6112D ( 397613) rpERR\_ABORT\_RPD\_MAX\_REPLICATION Internal server error.**

**Cause:** This is an internal error related to metadata of the replication object.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6112E ( 397614) rpERR\_ABORT\_RPD\_TOO\_MANY\_REPLICATION\_HOSTS Internal server error. There are too many hosts for replication.**

**Cause:** This is an internal error related to metadata of replication hosts.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6112F ( 397615) rpERR\_ABORT\_RPD\_NOT\_ENOUGH\_REPLICATION\_HOSTS Internal server error. There are too few hosts for replication.**

**Cause:** This is an internal error related to metadata of replication hosts.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61130 ( 397616) rpERR\_ABORT\_RPD\_TOO\_MANY\_REPLICATION\_ITEMS Internal server error. There are too many tables for replication.**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61131 ( 397617) rpERR\_ABORT\_RPD\_NOT\_ENOUGH\_REPLICATION\_ITEMS Internal server error. There are too few tables for replication.**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61132 ( 397618) rpERR\_ABORT\_RPD\_MAXIMUM\_OBJECT\_NUMBER\_EXCEED The number of elements <0%s> exceeds the maximum limit (<1%ld>).**

**Cause:** The specified number of elements exceeds the maximum limit.

**Action:** Reduce the specified number of elements.

**0x61133 ( 397619) rpERR\_ABORT\_RPD\_TOO\_MANY\_REPLICATION\_OLD\_COLUMNS Internal server error. There are too many old column metas for replication. (<0%s>, <1%lu>)**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61134 ( 397620) rpERR\_ABORT\_RPD\_NOT\_ENOUGH\_REPLICATION\_OLD\_COLUMNS Internal server error. There are too few old column metas for replication. (<0%s>, <1%lu>)**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61135 ( 397621) rpERR\_ABORT\_RPD\_TOO\_MANY\_REPLICATION\_OLD\_INDICES Internal server error. There are too many old index metas for replication. (<0%s>, <1%lu>)**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61136 ( 397622) rpERR\_ABORT\_RPD\_NOT\_ENOUGH\_REPLICATION\_OLD\_INDICES Internal server error. There are too few old index metas for replication. (<0%s>, <1%lu>)**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61137 ( 397623) rpERR\_ABORT\_RPD\_TOO\_MANY\_REPLICATION\_OLD\_INDEX\_COLS Internal server error. There are too many old index column metas for replication. (<0%s>, <1%lu>, <2%u>)**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61138 ( 397624) rpERR\_ABORT\_RPD\_NOT\_ENOUGH\_REPLICATION\_OLD\_INDEX\_COLS Internal server error. There are too few old index column metas for replication. (<0%s>, <1%lu>, <2%u>)**

**Cause:** This is an internal error related to SYS\_REPL\_ITEMS\_.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61139 ( 397625) rpERR\_ABORT\_RPD\_ALREADY\_SUPPORT\_RECOVERY The table recovery is already supported by another replication <0%s>**

**Cause:** The recovery of this table is already supported by an existing replication.

**Action:** Check the replication item.

**0x6113A ( 397626) rpERR\_ABORT\_NOT\_EXIST\_SYNC\_TABLE A table to be synchronized does not exist.**

**Cause:** The table is not a replication target object.

**Action:** Check whether the table is a replication target object.

**0x6113B ( 397627) rpERR\_ABORT\_SEND\_SYNC\_TABLES Failed to send information about a table to synchronize.**

**Cause:** A network error has occurred.

**Action:** Check the network status and ensure that all systems are connected to the network.

**0x6113C ( 397628) rpERR\_ABORT\_INVALID\_SYNC\_TABLE\_NUMBER The number of tables to be synchronized is invalid.**

**Cause:** The number of tables to be synchronized is invalid.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x6113D ( 397629) rpERR\_ABORT\_REBUILD\_INDEX Failed to rebuild indexes after synchronization operation.**

**Cause:** The table may be locked, or meta information may be corrupted.

**Action:** Wait for the lock to be released and then try again.

**0x6113E ( 397630) rpERR\_ABORT\_RP\_SYNC Synchronization failed. Indexes on the remote server may have been inconsistent.**

**Cause:** Check the log files on the remote server to determine the cause of failure.

**Action:**

- Identify and rectify the cause of synchronization failure.
- Additionally, check whether indexes on the remote server have been inconsistent, and rebuild the indexes if necessary.

**0x6113F ( 397631) rpERR\_ABORT\_SEND\_SYNC\_START Failed to send signal starting replication synchronization.**

**Cause:** A network error has most likely occurred.

**Action:** Check the network status and ensure that all systems are connected to the network.

**0x61140 ( 397632) rpERR\_ABORT\_LOCK\_TABLE Failed to lock table for replication synchronization.**

**Cause:** A lock conflict occurred.

**Action:** Wait for the lock to be released or manually release the lock.

**0x61141 ( 397633) rpERR\_ABORT\_SEND\_SYNC\_TABLES\_NUMBER Failed to send information about the number of tables to synchronize.**

**Cause:** A network error has most likely occurred.

**Action:** Check the network status and ensure that all systems are connected to the network.

**0x61142 ( 397634) rpERR\_ABORT\_ALLOC\_CM\_BLOCK [Network] Allocate communication block failed**

**Cause:** Failed to allocate network resources.

**Action:** Check the state of system resources. If they are insufficient, take appropriate action.

**0x61143 ( 397635) rpERR\_ABORT\_FREE\_CM\_BLOCK [Network] Free communication block failed**

**Cause:** Failed to free network memory resources.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61144 ( 397636) rpERR\_ABORT\_LOB\_TRIM [SmExec] A failure occurred while trimming LOB type data**

**Cause:** Failed to trim LOB data.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61145 ( 397637)**

**rpERR\_ABORT\_RPC\_CANNOT\_REPLICATE\_TABLE\_WITH\_COMPRESSED\_COLUMN Replication is not allowed on tables that have compressed column.**

**Cause:** A table with a compressed column cannot be replicated.

**Action:** Verify that the table to be replicated does not have any compressed columns.

**0x61146 ( 397638) rpERR\_ABORT\_INVALID\_PACKET\_TYPE Invalid communication packet type**

**Cause:** An invalid communication packet type has been detected.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61147 ( 397639) rpERR\_ABORT\_CHECK\_NAME\_NOT\_FOUND Check constraint name of the replicated table does not exist. [<0%s>(Name: <1%s>)]**

**Cause:** The check constraint name of the replicated table does not match.

**Action:** Check the check constraint name.

**0x61148 ( 397640) rpERR\_ABORT\_CHECK\_CONDITION\_MISMATCH Check constraint condition string of the replicated table mismatch. [<0%s>(Condition String: <1%s>):<2%s>(Condition String: <3%s>)]**

**Cause:** The check constraint condition string for both tables does not match.

**Action:** Check the condition string in check constraint.

**0x61149 ( 397641) rpERR\_ABORT\_CHECK\_COLUMN\_NOT\_REPL Check Constraint is composed of replication column and non-replication column [<0%s>(<1%s>)]**

**Cause:** The check constraint column composition does not match.

**Action:** Check the column in check constraint.

**0x6114A ( 397642) rpERR\_ABORT\_FUNC\_BASED\_INDEX\_EXPRESSION\_MISMATCH Function-based index expression string of the replicated table mismatch. [<0%s>(Name:<1%s>, Expression String:<2%s>:<3%s>(Name:<4%s>, Expression String:<5%s>)]**

**Cause:** The function-based index expression string is not the same as the corresponding table.

**Action:** Check the expression string in the function-based index.

**0x6114B ( 397643) rpERR\_ABORT\_FUNC\_BASED\_INDEX\_COUNT\_MISMATCH Function-based index count of the replicated table does not equal. [<0%s>:<1%s>]**

**Cause:** The function-based index count of the replicated table does not match.

**Action:** Check the function-based index.

**0x6114C ( 397644) rpERR\_ABORT\_COLUMN\_HIDDEN\_MISMATCH Hidden columns mismatch. [<0%s>.<1%s>(<2%u>):<3%s>.<4%s>(<5%u>)]**

**Cause:** The hidden column names and the regular column names are identical for the replication target tables.

**Action:** Check whether the hidden column names and the regular column names are identical.

**0x6114D ( 397645) rpERR\_ABORT\_FUNC\_BASED\_INDEX\_COLUMN\_NOT\_REPL Function-based index is composed of replication column and non-replication column [<%0s>(<%1s>)]**

**Cause:** The function based index is composed of a replicated column and a non-replicated column.

**Action:** Check the composition of the function based index.

**0x6114E ( 397646) rpERR\_ABORT\_COMPATIBILITY\_BETWEEN\_TABLE\_AND\_PARTITION The replication units mismatch: <0%s>**

**Cause:** The replication unit (table or partition) to be dropped or synced is not the same as the existing replication unit.

**Action:** Check whether the specified replication unit exists in the partition\_unit column of the SYS\_REPL\_IMTES\_ meta table.

**0x6114F ( 397647) rpERR\_ABORT\_RPC\_NOT\_EXISTS\_PARTITION Partition not found : <0%s>**

**Cause:** The name of the specified partition was not found in the specified table.

**Action:** Verify that the partition exists in the database. Verify that there are no typos in the partition name.

**0x61150 ( 397648) rpERR\_ABORT\_RPC\_EXISTS\_OFFLINE\_OPTION\_COMPRESSED\_COLUMN  
Offline replication cannot be performed on a compressed table. [<0%s>.<1%s>]**

**Cause:** Offline replication cannot be performed on a compressed table.

**Action:** Check whether the specified table is compressed or not.

**0x61151 ( 397649)**

**rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_OFFLINE\_REPLICATE\_TABLE\_WITH\_COMPRESSED\_COLUMN  
Compressed tables do not support offline replication.**

**Cause:** Compressed tables do not support offline replication.

**Action:** Check whether the specified table is compressed or not.

**0x61152 ( 397650) rpERR\_ABORT\_RPC\_SYNC\_WITH\_INDEX\_CAUTION Replication  
synchronization failed. Check whether the index on the remote server is consistent.**

**Cause:** Check logs on the local and remote servers for the cause of failure.

**Action:** Check whether the index on the remote server is inconsistent and rebuild it, if necessary.

**0x61153 ( 397651) rpERR\_ABORT\_RPC\_SYNC\_WITHOUT\_INDEX\_CAUTION Replication  
synchronization failed.**

**Cause:** Check logs on the local and remote servers for the cause of failure.

**Action:** Check the cause for synchronization failure and fix it.

**0x61154 ( 397652) rpERR\_ABORT\_INSERT\_GLOBAL\_INDEX\_TABLE Failed to insert the record to  
the global index table.**

**Cause:** Inserting data into a partition and a global index failed while duplicating a partition with a global index.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61155 ( 397653) rpERR\_ABORT\_UPDATE\_GLOBAL\_INDEX\_TABLE Failed to update the record  
to the global index table.**

**Cause:** Updating data on a partition and a global index failed while duplicating a partition with a global index.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).



**0x61156 ( 397654) rpERR\_ABORT\_DELETE\_GLOBAL\_INDEX\_TABLE Failed to delete the record from the global index table.**

**Cause:** Deleting data from a partition and a global index failed while duplicating a partition with a global index.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61157 ( 397655) rpERR\_ABORT\_RPD\_OVERFLOW\_COUNT\_REPL\_OFFLINE\_DIR\_PATH Exceeds the maximum number of log directory paths allowed to be specified.**

**Cause:** Only one log directory path can be specified with the replication offline option.

**Action:** Check the log directory path of the Active server.

**0x61158 ( 397656) rpERR\_ABORT\_DATA\_STILL\_REMAIN\_IN\_BUFFER If receive buffer has been processed, no data should remain in the receive buffer.**

**Cause:** Already processed data remains in the replication receive buffer.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61159 ( 397657) rpERR\_ABORT\_REPLICATION\_MODE\_MISMATCH The replication mode does not match. [<0%u>:<1%u>]**

**Cause:** The mode of the replicated table mismatch.

**Action:** Please check the mode of the replicated table.

**0x6115A ( 397658) rpERR\_ABORT\_PARTITION\_CONDITION\_MISMATCH The partition condition of the replicated table does not match. [<0%s>:<1%s>]**

**Cause:** The partition condition of the replicated table mismatch.

**Action:** Please check the partition condition of the replicated table.

**0x6115B ( 397659) rpERR\_ABORT\_NOT\_SUPPORT\_FEATURE\_WITH\_V6\_PROTOCOL This feature is not supported with \_\_REPLICATION\_USE\_V6\_PROTOCOL property. (<0%s>)**

**Cause:** When using A5 protocol, this feature is not supported.

**Action:** Check the \_\_REPLICATION\_USE\_V6\_PROTOCOL property or table schemes.

**0x6115C ( 397660) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_REPL\_GAPLESS\_AND\_EAGER The gap control option is not supported with eager mode.**

**Cause:** Simultaneous use of eager mode and the gap control option is not supported.

**Action:** Change the option or mode of the replication.

**0x6115D ( 397661) rpERR\_ABORT\_RPC\_ALREADY\_GAPLESS\_SET The gapless option already set.**

**Cause:** The replication gapless option has already been set.

**Action:** Check the replication options.

**0x6115E ( 397662) rpERR\_ABORT\_RPC\_ALREADY\_GAPLESS\_UNSET The gapless option was already unset.**

**Cause:** The replication gapless option was already unset.

**Action:** Check the replication options.

**0x6115F ( 397663) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_REPL\_PARALLEL\_OPTION\_AND\_EAGER**  
**The parallel option is not supported with eager mode.**

**Cause:** Simultaneous use of eager mode and the parallel option is not supported.

**Action:** Change the option or mode of the replication.

**0x61160 ( 397664) rpERR\_ABORT\_RPC\_NOT\_PROPER\_VALUE\_FOR\_PARALLEL\_COUNT** Invalid  
**the parallel count value. Valid value range = 0 ~ 512**

**Cause:** The value of parallel count is invalid.

**Action:** Specify the value of parallel count within valid range.

**0x61161 ( 397665) rpERR\_ABORT\_RPC\_ALREADY\_PARALLEL\_SET** The parallel option already  
**set.**

**Cause:** The replication parallel option has already been set.

**Action:** Check the replication options.

**0x61162 ( 397666) rpERR\_ABORT\_RPC\_ALREADY\_PARALLEL\_UNSET** The parallel option was  
**already unset.**

**Cause:** The replication parallel option was already unset.

**Action:** Check the replication options.

**0x61163 ( 397667) rpERR\_ABORT\_RPC\_ALREADY\_GROUPING\_SET** The grouping option already  
**set.**

**Cause:** The grouping option has already been set.

**Action:** Check the replication options.

**0x61164 ( 397668) rpERR\_ABORT\_RPC\_ALREADY\_GROUPING\_UNSET** The grouping option was  
**already unset.**

**Cause:** The grouping option was already unset.

**Action:** Check the replication options.

**0x61165 ( 397669) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_REPL\_GROUPING\_AND\_EAGER** The  
**grouping option is not supported with eager mode.**

**Cause:** Simultaneous use of eager mode and the grouping option is not supported.

**Action:** Change the option or mode of the replication.

**0x61166 ( 397670) rpERR\_ABORT\_AHEAD\_ANALYZER\_TIMED\_WAIT\_ERROR** Internal server  
**error. ( system call ( timedwait ) got error )**

**Cause:** cond\_timedwait() returned false while the Ahead Analyzer for grouping transaction was  
 waiting after finishing the analysis in the replication with the grouping option enabled.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61168 ( 397672) rpERR\_ABORT\_TRANSACTION\_NOT\_ACTIVE** Transaction is not  
**active.**

**Cause:** A transaction is not active.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x61169 ( 397673) rpERR\_ABORT\_SOCKET\_OPEN\_ERROR Socket Can not be opened.**

**Cause:** An error occurred while opening the socket.

**Action:** Please check system resources

**0x6116A ( 397674) rpERR\_ABORT\_SOCKET\_SET\_BLOCK\_MODE Socket can not be set as block mode.**

**Cause:** An error occurred while setting a block mode to socket.

**Action:** Please check network status.

**0x6116B ( 397675) rpERR\_ABORT\_SOCKET\_GET\_OPTION Socket can not be gotten option value.**

**Cause:** An error occurred while getting socket option.

**Action:** Please check system resource (file descriptor) or network resources.

**0x6116C ( 397676) rpERR\_ABORT\_POLL\_REMOVE SOCK Socket can not be removed from the poll.**

**Cause:** An error occurred while removing socket from the poll.

**Action:** Please check system (file descriptor) or network resources.

**0x6116D ( 397677) rpERR\_ABORT\_POLL\_DISPATCH\_TIMEOUT There is no network event in time.**

**Cause:** There is no network I/O in time.

**Action:** Please check network interface controller.

**0x6116E ( 397678) rpERR\_ABORT\_POLL\_DISPATCH\_ERROR Fail to invoke the dispatcher system function.**

**Cause:** This is a system call error.

**Action:** Please check system resources (file descriptor or memory).

**0x6116F ( 397679) rpERR\_ABORT\_POLL\_CREATE\_ERROR Dispatcher can not be created.**

**Cause:** An error occurred while creating dispatcher was being created.

**Action:** Please check system resources (file descriptor or memory).

**0x61170 ( 397680) rpERR\_ABORT SOCK\_GET\_ADDR\_INFO\_ERROR Fail to invoke getAddrInfo system function. (IP = <0%s>, PORT = <1%d>)**

**Cause:** IP address and port number are wrong, or There is not enough memory.

**Action:** Please check IP address and port Number, or system resources(memory).

**0x61171 ( 397681) rpERR\_ABORT\_REPLICATION\_HAS\_RECOVERY\_OPTION\_IN\_SPLIT\_PARTITION Replication option is set to recovery.(Replcation Name:<0%s>, User:<1%s>, Table:<2%s>, Partition:<3%s>)**

**Cause:** The partition split cannot be performed in recovery option.

**Action:** Check the replication options

**0x61172 ( 397682)**

**rpERR\_ABORT\_REPLICATION\_HAS\_RECOVERY\_OPTION\_IN\_MERGE\_PARTITION** Replication option is set to recovery.(Replcation Name:<0%s>, User:<1%s>, Table:<2%s>, Partition:<3%s>, Partition:<4%s>)

**Cause:** The partition merge cannot be performed in recovery option.

**Action:** Check the replication options

**0x61173 ( 397683) rpERR\_ABORT\_TABLE\_PARTITIONS\_ARE\_NOT\_SAME\_REPLICATION**

**Replicated partitions are not included same replication.**(User:<0%s>, Table:<1%s>, Partition:<2%s>, Partition:<3%s>)

**Cause:** The partition merge cannot be performed in other replicated partition.

**Action:** Check the partition name of the replicated table.

**0x61174 ( 397684) rpERR\_ABORT\_PARTITION\_NAME\_DIFF** The partition name of local table must be same with remote one.( Replication name: <0%s> Local (User:<1%s>, Table:<2%s>, Partition:<3%s>), Remote (User:<4%s>, Table:<5%s>, Partition:<6%s>) )

**Cause:** The partition name of local table is not same with remote one.

**Action:** Modify the partition name of local table.

**0x61175 ( 397685) rpERR\_ABORT\_TABLE\_NAME\_DIFF** The name of local table must be same with remote one.(Replication name: <0%s> Local (User:<1%s>, Table:<2%s>, Partition:<3%s>), Remote (User:<4%s>, Table:<5%s>, Partition:<6%s>) )

**Cause:** The name of local table must be same with remote one.

**Action:** Verify that the name of local table is same with remote table.

**0x61176 ( 397686) rpERR\_ABORT\_REPLICATION\_HAS\_RECOVERY\_OPTION\_IN\_DROP\_PARTITION** Replication option is set to recovery.(Replcation Name:<0%s>, User:<1%s>, Table:<2%s>, Partition:<3%s>)

**Cause:** Cannot perform a DDL(DROP PARTITION) in recovery option.

**Action:** Remove the recovery option.

**0x61177 ( 397687) rpERR\_ABORT\_POLL\_ADD\_SOCKET** A Socket cannot be added to the poll.

**Cause:** An error occurred while adding a socket to the poll.

**Action:** Check the system or network resources; in particular, verify the file descriptor.

**0x61178 ( 397688) rpERR\_ABORT\_RPC\_NOT\_PROPER\_VALUE** Invalid <0%s> value : <1%s>. Valid value range = <2%lu> ~ <3%lu> <4%s>

**Cause:** The value is out of range.

**Action:** Spcify the value whthin valid range.

**0x6117B ( 397691) rpERR\_ABORT\_RPC\_NOT\_SUPPORT\_REPL\_LOCAL\_AND\_EAGER** It is unable to use eager mode when local replication option used.

**Cause:** Eager mode does not support local replication option.

**Action:** Change replication mode or remove LOCAL option.

**0x6117C ( 397692) rpERR\_ABORT\_SELF\_REPLICATION\_TABLE Self-replication has been detected due to duplicate table name. [<0%s>.<1%s>.<2%s>:<3%s>.<4%s>.<5%s>]**

**Cause:** The same name is used in the source and target tables.

**Action:** Set a different name for the source and target tables.

**0x6117D ( 397693) rpERR\_ABORT\_SELF\_REPLICATION\_NAME Self-replication has been detected due to duplicate replication name. [<0%s>]**

**Cause:** Same replication name used for itself and peer replication.

**Action:** Use different peer replication name from its replication name.

**0x6117E ( 397694) rpERR\_ABORT\_RP\_NOT\_SUPPORT\_CONVERT\_APPLY\_DATA\_TYPE The table(<0%s>.<1%s>:<2%s>.<3%s>) containing <4%s> does not support sql apply feature.**

**Cause:** The table containing specific data type does not support sql apply feature.

**Action:** Please drop specific data type from the table.

**0x6117F ( 397695) rpERR\_ABORT\_REPLICATION\_DDL\_ENABLE\_LEVEL Cannot execute this DDL on a replicated table when the system property REPLICATION\_DDL\_ENABLE\_LEVEL is <0%u>.**

**Cause:** System property REPLICATION\_DDL\_ENABLE\_LEVEL is not appropriate for this DDL.

**Action:** Check the system property REPLICATION\_DDL\_ENABLE\_LEVEL.

**0x61180 ( 397696) rpERR\_ABORT\_RPC\_DDL\_NOT\_SUPPORTED\_REPLICATED\_TABLE This DDL is not supported on replicated table.(Cause : <0%s>)**

**Cause:** This DDL is not supported on replicated table.

**Action:** Identify the cause and take appropriate action.

**0x61181 ( 397697) rpERR\_ABORT\_RP\_ALREADY\_DDL\_SYNC Can not perform a DDL synchronization because it is currently in progress (Replication name : <0%s>).**

**Cause:** Can not perform a DDL synchronization because it is currently in progress.

**Action:** Retry after finishing the DDL synchronization.

**0x61182 ( 397698) rpERR\_ABORT\_RP\_DDL\_SYNC\_NOT\_SUPPORT\_EAGER Can not execute a DDL synchronization on a table using eager mode replication.**

**Cause:** Can not execute a DDL synchronization for a table using eager mode replication.

**Action:** Change the replication mode in eager mode replication or remove the table in eager mode replication.

**0x61183 ( 397699) rpERR\_ABORT\_RP\_DDL\_SYNC\_NOT\_SUPPORT\_GLOBAL\_NON\_PARTITION\_INDEX A DDL synchronization is not support on a table with global non-partitioned index.**

**Cause:** A DDL synchronization is not support on a table with global non-partitioned index.

**Action:** Verify that the table with a global non-partitioned index.

**0x61184 ( 397700) rpERR\_ABORT\_RP\_DDL\_SYNC\_DISABLE Can not perform the DDL synchronization when the value of the REPLICATION\_DDL\_SYNC property is 0.**

**Cause:** Can not perform the DDL synchronization when the value of the REPLICATION\_DDL\_SYNC property is 0.

**Action:** Verify and change the value of the REPLICATION\_DDL\_SYNC property is 1.

**0x61185 ( 397701) rpERR\_ABORT\_RP\_DDL\_SYNC\_ERROR\_AFTER\_COMMIT\_MSG A DDL synchronization is failed after sending commit message. The table schema of the remote server may have been inconsistent.**

**Cause:** A DDL synchronization is failed after sending commit message.

**Action:** Verify that the replication actually commits

**0x61186 ( 397702) rpERR\_ABORT\_RP\_DDL\_SYNC\_RECEIVE\_ERROR A DDL synchronization receives the error message from the remote server (<0%s>).**

**Cause:** Receive the error message from the remote server.

**Action:** Perform a DDL synchronization after troubleshooting the remote server.

**0x61187 ( 397703) rpERR\_ABORT\_RP\_SENDER\_NOT\_RUNNING The sender of replication <0%s> is not running.**

**Cause:** The sender of replication is not running.

**Action:** Restart replication or wait for the replication sender to run.

**0x61188 ( 397704) rpERR\_ABORT\_RP\_DDL\_SYNC\_SQL\_LENGTH\_ERROR The length of the SQL query exceeds the maximum limit (<0%u>).**

**Cause:** The length of the SQL query exceeds the maximum limit.

**Action:** Refer to the Replication Manual for the maximum possible length allowed for the DDL synchronization query.

**0x61189 ( 397705) rpERR\_ABORT\_PARENT\_AND\_CHILD\_CONNECT\_DIFFERENT Failed to connected by the parallel senders. The parallel senders get different IP address from DNS server.**

**Cause:** The parallel senders must be connected by the same IP.

**Action:** Verify the DNS server or restart the replication sender. (When you restart the replication, the parallel senders have been connected by the same IP.)

**0x6118A ( 397706) rpERR\_ABORT\_RPC\_ROLE\_NOT\_SUPPORT\_IB InfiniBand(IB) can not be used with 'FOR ANALYSIS' syntax.**

**Cause:** InfiniBand(IB) can not be used with 'FOR ANALYSIS' syntax.

**Action:** Check the role of the replication. Do not use the InfiniBand(IB).

**0x6118B ( 397707) rpERR\_ABORT\_RPC\_NOT\_DEFAULT\_SRID Only the default SRID can be replicated.**

**Cause:** The SRID of the geometry column is not the default.

**Action:** Check the SRID of the geometry column.

**0x6118C ( 397708) rpERR\_ABORT\_RP\_DDL\_SYNC\_WITH\_PROPAGATION The propagation option(FOR PROPAGABLE LOGGING/ FOR PROPAGATION) does not support DDL synchronization.**

**Cause:** The propagation option(FOR PROPAGABLE LOGGING/ FOR PROPAGATION) does not support DDL synchronization.

**Action:** Remove the propagation option.

**0x6118D ( 397709) rpERR\_ABORT\_HBT\_DETECT\_PEER\_SERVER\_ERROR The HeartBeat thread(HBT) detects peer server or network error.**

**Cause:**

- 1. Peer server is not running.
- 2. Network is not working.

**Action:**

- 1. Confirm peer server is running.
- 2. Ensure that network is working normally.

**0x6118E ( 397710) rpERR\_ABORT\_SEND\_TIMEOUT\_EXCEED Timeout exceed while the replication Sender and Receiver were communicating.**

**Cause :** A timeout occurred while the replication Sender and Receiver were communicating.

**Action :**

- Set a larger value for the REPLICATION\_SENDER\_SEND\_TIMEOUT property.
- Check the peer server or network connection.

**0x6118F ( 397711) rpERR\_ABORT\_FAULT\_TOLERATED Failed to work because an internal exception occurred from an OS.[Contact Altibase's Support Center]**

**Cause:** An internal exception occurred from an OS.

**Action:** Check the error number from the trace log for more detailed information. And contact Altibase's Support Center (<http://support.altibase.com>).

**0x61190 ( 397712) rpERR\_ABORT\_PARTITION\_COUNT\_MISMATCH The partition count of the replicated table does not match [<0%s>(<1%d>):<2%s>(<3%d>)].**

**Cause:** Replicated table partition count mismatch.

**Action:** Check the partition count of the replicated table.

**0x61191 ( 397713) rpERR\_ABORT\_SYNC\_FAILED\_BY\_BULK\_INSERT Replication synchronization failed by replication bulk insert.**

**Cause:** Bulk insert error has been occurred while executing the received record.

**Action:** Check the altibase\_rp.log file.

**0x61192 ( 397714) rpERR\_ABORT\_SRID\_MISMATCH The geometry SRID of the replicated table's column does not match. [<0%s>(Name:<1%s>, SRID:<2%d>):<3%s>(Name:<4%s>, SRID: <5%d>)].**

**Cause:** Replicated table's column geometry SRID mismatch.

**Action:** Check the geometry SRID of the replicated table's column.

**0x61193 ( 397715) rpERR\_ABORT\_NOT\_SUPPORT\_SRID\_REMOTE The geometry SRID of <0%s> table's column is not supported on the remote server;**

**Cause:** The remote server is a version that does not support geometry SRID.

**Action:** Check the error number from the trace log for more detailed information. And contact Altibase's Support Center (<http://support.altibase.com>).

**0x61195 ( 397717) rpERR\_ABORT\_QDB\_DDL\_SYNC\_WITH\_LOCK\_UNTIL\_NEXT\_DDL You cannot execute DDL for the replicated table after performing LOCK.. UNTIL NEXT DDL on REPLICATION\_DDL\_SYNC enable mode.**

**Cause:** You cannot use the property REPLICATION\_DDL\_SYNC enable and LOCK.. UNTIL NEX DDL statement on the replicated table.

**Action:** hange the property REPLICATION\_DDL\_SYNC to 0(disable) or close a transaction.

**0x611AD ( 397741) rpERR\_ABORT\_OFFLINE\_OPTION\_IS\_NOT\_SET Offline option is not set.**

**Cause:** Replication is created without the offline option.

**Action:** Check the options of the replication.

**0x611AE ( 397742) rpERR\_ABORT\_OFFLINE\_META\_ROLE\_NOT\_SUPPORT Offline meta is supported only ANALYSIS.**

**Cause:** This role does not support offline meta.

**Action:** Check the role of the replication.

**0x611AF ( 397743) rpERR\_ABORT\_RPC\_ROLE\_NOT\_SUPPORT\_REPL\_META\_LOGGING Meta Logging option is supported only ANALYSIS.**

**Cause:** This role does not support the Meta Logging option.

**Action:** Check the options or the role of the replication.

**0x611B0 ( 397744) rpERR\_ABORT\_RP\_REMOTE\_META\_EXIST BUILD OFFLINE META is already run.**

**Cause:** Remote meta already exists.

**Action:** run 'ALTER REPLICATION replication\_name RESET OFFLINE META;'

**0x611B1 ( 397745) rpERR\_ABORT\_RP\_REMOTE\_META\_FILE\_IS\_CORRUPTED Remote meta file is corrupt. (Meta End SN : <0%ld>, Restart SN : <1%ld>)**

**Cause:** The 'replication\_name\_META\_NEW.bin' file is corrupt. Restart SN is more than Meta End SN of 'replication\_name\_META\_OLD.bin' file.

**Action:** Run 'ALTER REPLICATION replication\_name BUILD OFFLINE META AT SN(sn)' with a value less than Meta End SN.

**0x611B2 ( 397746) rpERR\_ABORT\_RP\_ERR\_REMOTE\_META\_NOT\_BUILD\_OFFLINE\_META Remote meta is not from building offline meta.**

**Cause:** Remote meta is not from building offline meta.

**Action:** Check the role of the replication.

**0x611B3 ( 397747) rpERR\_ABORT\_ERR\_NO\_VALID\_METAFILE Invalid sender meta files. (Replication name: <0%s>, File name: <1%s>\_META\_NEW.bin, <2%s>\_META\_OLD.bin )**

**Cause:** Sender meta files do not exist or are invalid.



**Action:** BUILD OFFLINE META' failed. Verify the altibase\_rp.log.

**0x611B4 ( 397748) rpERR\_ABORT\_ERR\_NO\_VALID\_SNFILE Invalid Restart SN files. (Replication name: <0%s>, File name: <1%s>SN\_NEW.bin, <2%s>SN\_OLD.bin )**

**Cause:** Restart SN files do not exist or are invalid.

**Action:** BUILD OFFLINE META' failed. Verify the altibase\_rp.log.

**0x611B5 ( 397749) rpERR\_ABORT\_FAIL\_TO\_CREATE\_DIRECTORY Failed to create meta directory (Dir Name :<0%s> )**

**Cause:** The specified directory could not be created.

**Action:** Check the directory path or permission.

**0x611B6 ( 397750) rpERR\_ABORT\_RP\_OFFLINE\_ALA\_SENDER\_PROCESS\_DDL Offline ALA Sender read DDL log.**

**Cause:** Offline ALA Sender read DDL log.

**Action:** After executing DDL on the target DB, Offline Adapter should be executed again.

**0x611B7 ( 397751) rpERR\_ABORT\_TABLEOID\_IN\_USE\_EXIST ADD TABLE operation has failed because TABLE OID of this table is included in replication gap.**

**Cause:** Reused TABLE OID is included in replication gap.

**Action:** Resolve the replication gap before operating ADD TABLE query.

**0x611B8 ( 397752) rpERR\_ABORT\_TX\_SEGMENT\_ENTRY\_ALLOC [Receiver] Transaction updating disk table data failed due to transaction segment allocation failure.**

**Cause:**

- The number of transaction segments exceeds TRANSACTION\_SEGMENT\_COUNT

**Action:**

- 1. Increase the value of TRANSACTION\_SEGMENT\_COUNT property.
- 2. Check the status of the replication receiver.

**0x611B9 ( 397753) rpERR\_ABORT\_RP\_DDL\_SYNC\_RETRY\_ERROR Retry due to DDL Sync failure**

**Cause:** Retry due to DDL Sync failure

**Action:** Wait until the success or stop DDL Sync.

**0x611BA ( 397754) rpERR\_ABORT\_RP\_DDL\_SYNC\_NOT\_SUPPORT\_GROUPING DDL Sync does not support replication's grouping option.**

**Cause:** DDL Sync does not support replication's grouping option.

**Action:** Remove replication's grouping option.

**0x611BF ( 397759) rpERR\_ABORT\_ERR\_INVALID\_METAFILE Invalid sender meta file. (Replication name: <0%s>, File name: <1%s>)**

**Cause:** Sender meta file does not exist or is invalid.

**Action:** Verify the altibase\_rp.log.

**0x611C0 ( 397760) rpERR\_ABORT\_ERR\_INVALID\_SNFILE Invalid Restart SN file. (Replication name: <0%s>, File name: <1%s>)**

**Cause:** Restart SN file does not exist or is invalid.

**Action:** Verify the altibase\_rp.log.

**0x611C1 ( 397761) rpERR\_ABORT\_INVALID\_REPLICATION\_SENDER\_IP The value of REPLICATION\_SENDER\_IP is not valid. (<0%s>)**

**Cause:** The value of REPLICATION\_SENDER\_IP must be an IP address.

**Action:** Change the value of REPLICATION\_SENDER\_IP in the altibase.properties file or ALTIBASE\_REPLICATION\_SENDER\_IP environment variable and try again.

## IGNORE

**0x62024 ( 401444) rpERR\_IGNORE\_RP\_SENDER\_HASH\_INIT [Sender] Failed to initialize the hash table**

**Cause:**

- The replication feature of Altibase could not be used.
- Replication was not initialized on startup because the port is not set correctly.

**Action:** Set the port correctly.

**0x6204A ( 401482) rpERR\_IGNORE\_RECEIVER\_START [Receiver] started ...**

**Cause:** The receiver thread has already been started.

**Action:** You can safely ignore this message.

**0x6204C ( 401484) rpERR\_IGNORE\_START\_SENDER [Sender] Replication <0%s> Start... at [<1%ld>]**

**Cause:** The replication started up correctly.

**Action:** N/A

**0x62068 ( 401512) rpERR\_IGNORE\_RP\_INIT\_SOCKET Unable to initialize a socket**

**Cause:**

- Not enough memory.
- Unable to connect to a remote server.

**Action:**

- Check whether the remote server is running and online.

**0x62070 ( 401520) rpERR\_IGNORE\_RP\_PROTOCOL\_DIFF Different replication protocols**

**Cause:** The replication protocol is different from that on the peer server.

**Action:** Check the replication protocol version, endian, and 32/64 bit.

**0x6209B ( 401563) rpERR\_IGNORE\_RP\_META\_DIFF Replication meta is different**

**Cause:** The replication meta is different from that on the peer server.

**Action:** Check the Altibase version and the replication protocol version.

**0x620CA ( 401610) rpERR\_IGNORE\_RP\_NO\_SPACE** There is not available space for replication log buffer.

**Cause:** Replication is delayed or replication log buffer size is too small.

**Action:**

- Increase REPLICATION\_LOG\_BUFFER\_SIZE and restart the system.
- Find and resolve cause of the delay.

**0x620EB ( 401643) rpERR\_IGNORE\_EXIT\_FLAG\_SET** Exit flag is set.

**Cause:** The exit flag has been set.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x620EE ( 401646) rpERR\_IGNORE\_NOT\_ACTIVE\_TX** The transaction does not exist in transaction table of the sender.

**Cause:** The Sender of the replication is not alone. Another Sender of the replication is processing the transaction.

**Action:** This is not an error of Altibase.

**0x620F0 ( 401648) rpERR\_IGNORE\_RP\_SENDER\_STOP** [Sender] Stop sender thread <0%s>: <1%u> at [<2%ld>], Restart SN[<3%ld>]

**Cause:** This error occurs when the replication Sender stops.

**Action:** You may safely ignore this message.

**0x620F9 ( 401657) rpERR\_IGNORE\_TIMESTAMP\_INSERT\_CONFLICT** [Receiver] An insert conflict occurred during timestamp conflict resolution.

**Cause:** The timestamp value of an XLog is older than an existing one.

**Action:** This behavior is normal and can be expected from time to time.

**0x620FA ( 401658) rpERR\_IGNORE\_TIMESTAMP\_UPDATE\_CONFLICT** [Receiver] An update conflict occurred during timestamp conflict resolution.

**Cause:** The timestamp value of an XLog is older than an existing one.

**Action:** This behavior is normal and can be expected from time to time.

# 5.QP Error Code

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## FATAL

**0x303DB ( 197595) qpERR\_FATAL\_THREAD\_ATTR\_CREATE Failed to invoke the thread\_attr\_init() system function**

**Cause:** The system failed to create a thread attribute.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303DC ( 197596) qpERR\_FATAL\_THREAD\_ATTR\_SET\_BOUND Failed to invoke the thread\_attr\_setscope() system function**

**Cause:** The system failed to bind a thread attribute.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303DD ( 197597) qpERR\_FATAL\_THREAD\_ATTR\_DESTROY Failed to invoke the thread\_attr\_destroy() system function**

**Cause:** The system failed to destroy a thread attribute.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303DF ( 197599) qpERR\_FATAL\_THREAD\_JOIN Failed to invoke the thread\_join() system function**

**Cause:** The system failed to join a thread.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E0 ( 197600) qpERR\_FATAL\_MUTEX\_INIT Unable to initialize a mutex.**

**Cause:** The system failed to initialize a mutex.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E1 ( 197601) qpERR\_FATAL\_MUTEX\_DESTROY Failed to invoke the mutex\_destroy() system function**

**Cause:** The system failed to destroy a mutex.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E2 ( 197602) qpERR\_FATAL\_MUTEX\_LOCK Failed to invoke the mutex\_lock() system function**

**Cause:** The system failed to lock a mutex.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E3 ( 197603) qpERR\_FATAL\_MUTEX\_UNLOCK Failed to invoke the mutex\_unlock() system function**

**Cause:** The system failed to unlock a mutex.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E4 ( 197604) qpERR\_FATAL\_COND\_INIT Failed to invoke the cond\_init() system function**

**Cause:** The system failed to initialize a condition variable.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E5 ( 197605) qpERR\_FATAL\_COND\_DESTROY Failed to invoke the cond\_destroy() system function**

**Cause:** The system failed to destroy a condition variable.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E6 ( 197606) qpERR\_FATAL\_COND\_SIGNAL Failed to invoke the cond\_signal() system function**

**Cause:** The system failed to signal using a condition variable.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x303E7 ( 197607) qpERR\_FATAL\_COND\_WAIT Failed to invoke the cond\_wait() system function**

**Cause:** Invalid condition value or invalid mutex.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x30425 ( 197669) qpERR\_FATAL\_MUTEX\_TRYLOCK Failed to invoke the mutex\_trylock() system function**

**Cause:** The system failed to lock a mutex.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x30016 ( 196630) qpERR\_FATAL\_QCM\_REPL\_META\_CRASH A replication meta table crashed.**

**Cause:** A replication meta table crashed.

**Action:** Please send a bug report to the vendor.

**0x30191 ( 197009) qpERR\_FATAL\_QDN\_NOT\_FOUND\_FOREIGNKEY Foreign key not found**

**Cause:** Foreign key not found

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x3018E ( 197006) qpERR\_FATAL\_QMN\_HASH\_INSERT Hash Insertion Failure**

**Cause:** Internal server error

**Action:** Please send a bug report to the vendor.

**0x30082 ( 196738) qpERR\_FATAL\_QMO\_INVALID\_MEMORY\_AREA Invalid memory area access.**

**Cause:** Invalid memory area access

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x30203 ( 197123) qpERR\_FATAL\_QCU\_INVALID\_INSERT\_LIMIT\_PROPERTY Invalid values for INSERT\_LOW\_LIMIT and INSERT\_HIGH\_LIMIT properties.**

**Cause:** The value of the INSERT\_HIGH\_LIMIT property must be greater than that for the INSERT\_LOW\_LIMIT property.

**Action:** Check the INSERT\_LOW\_LIMIT and INSERT\_HIGH\_LIMIT properties.

**0x302E7 ( 197351) qpERR\_FATAL\_QCU\_INVALID\_TTL\_SIZE\_PROPERTY Invalid values for INIT\_TRANS and MAX\_TRANS properties.**

**Cause:** The value of the MAX\_TRANS property must be greater than that for the INIT\_TRANS property.

**Action:** Check the INIT\_TRANS and MAX\_TRANS properties.

## ABORT

**0x311D6 ( 201174) qpERR\_ABORT\_MEMORY\_ALLOCATION Insufficient memory for Query Processor**

**Cause:** The memory manager could not allocate sufficient memory for the query processor.

**Action:** Verify that the system has sufficient memory.

**0x313DE ( 201694) qpERR\_ABORT\_THREAD\_CREATE Failed to invoke the thread\_create() system function**

**Cause:** The system failed to create a thread.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x313E8 ( 201704) qpERR\_ABORT\_BIND\_PROCESS Failed to invoke the bind\_process() system function**

**Cause:** System failed to bind cpusets to a process.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x31455 ( 201813) qpERR\_ABORT\_FAULT\_TOLERATED Failed to work because an internal exception occurred from an OS.[Contact Altibase's Support Center]**

**Cause:** An internal exception occurred from an OS.

**Action:** Check the error number from the trace log for more detailed information. And contact Altibase's Support Center (<http://support.altibase.com>).

**0x31318 ( 201496) qpERR\_ABORT\_QMC\_UNEXPECTED\_ERROR Unexpected errors may have occurred: <0%s>: <1%s>**

**Cause:** Unexpected errors may have occurred.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x314AD ( 201901) qpERR\_ABORT\_QMC\_INVALID\_FUNCTION\_BASED\_INDEX An error occurred while applying a value with an unexpected data type to the function-based index.**

**Cause:** The specified value does not match the data type of the function-based index column.

**Action:** Rebuild the function-based index and retry.

**0x31001 ( 200705) qpERR\_ABORT\_QCP\_SYNTAX SQL syntax error <0%s>**

**Cause:** The unusable reserved words or delimiter inapplicable was used. Or the reserved word cannot be used.

**Action:** Refer to SQL Reference. Or verify the reserved words listed in SQL Reference.

**0x31003 ( 200707) qpERR\_ABORT\_QCP\_NOT\_SUPPORTED\_SYNTAX Unsupported syntax**

**Cause:** The syntax is currently not supported.

**Action:** Refer to the SQL manual.

**0x31004 ( 200708) qpERR\_ABORT\_QCP\_CONFLICT\_NULL\_CONSTRAINT Duplicate or conflicting NULL and/or NOT NULL constraints**

**Cause:** Duplicate or conflicting NULL and/or NOT NULL constraints.

**Action:** Remove one of the duplicate or conflicting constraints.

**0x31005 ( 200709) qpERR\_ABORT\_QCP\_NO\_HAVE\_DATATYPE\_IN\_CRT\_TBL A column in a CREATE TABLE or ALTER TABLE ADD COLUMN statement must have a data type.**

**Cause:** A column in a CREATE TABLE or ALTER TABLE ADD COLUMN statement must have a data type.

**Action:** Specify a data type for the column.

**0x31006 ( 200710) qpERR\_ABORT\_QCP\_HAVE\_DATATYPE\_IN\_CRT\_TBL\_AS\_SELECT A column in a CREATE TABLE AS SELECT statement must not have a data type.**

**Cause:** A column in a CREATE TABLE AS SELECT statement must not have a data type.

**Action:** Do not specify data types in the column definition clause.

**0x31007 ( 200711) qpERR\_ABORT\_QCP\_DUPLICATE\_COLUMN\_NAME Duplicate column name <0%s>**

**Cause:** Duplicate column name

**Action:** Verify that no duplicate column names are specified.

**0x31234 ( 201268) qpERR\_ABORT\_QCP\_DUPLICATE\_CONSTRAINT\_NAME Duplicate constraint name <0%s>**

**Cause:** Duplicate constraint name

**Action:** Verify that no duplicate constraint names are specified.

**0x31008 ( 200712) qpERR\_ABORT\_QCP\_HAVE\_NO\_COLUMN This statement must have at least one column.**

**Cause:** A CREATE TABLE or ALTER TABLE ADD COLUMN statement must have at least one column.

**Action:** Specify more than one column.

**0x31009 ( 200713) qpERR\_ABORT\_QCP\_LIMIT\_VALUE The START or COUNT value in a SELECT LIMIT clause must be greater than 0.**

**Cause:** The START or COUNT value in a SELECT LIMIT clause must be greater than 0.

**Action:** Specify a positive integer for the START or COUNT value.

**0x3118B ( 201099) qpERR\_ABORT\_QCP\_MAX\_NAME\_LENGTH\_OVERFLOW The length of the name exceeds the maximum limit. <0%s>**

**Cause:** The length of the name exceeds the maximum limit.

**Action:** Refer to the SQL Reference for the maximum possible length allowed for the object's name. Enter a name with a valid length.

**0x31152 ( 201042)**

**qpERR\_ABORT\_QSX\_ROWTYPE\_ON\_RETURN\_NOT\_ALLOWED\_ERROR\_SQLTEXT ROWTYPE is not allowed for a RETURN clause. <0%s>**

**Cause:** The RETURN type of a function is ROWTYPE.

**Action:** Do not use ROWTYPE as a RETURN clause.

**0x31186 ( 201094) qpERR\_ABORT\_QCP\_FUNC\_NAME\_NOT\_MATCHED Mismatched function name <0%s>**

**Cause:** The function name is mismatched.

**Action:** Match the function names or remove the function name after the END keyword.

**0x31187 ( 201095) qpERR\_ABORT\_QCP\_FUNC\_TOO\_MANY\_ARGU A procedure or function has too many parameters.**

**Cause:** A procedure or function has too many parameters.

**Action:** Refer to the Stored Procedures Manual for the maximum possible number of parameters allowed for the procedure or function. Define a valid number of parameters.

**0x31204 ( 201220) qpERR\_ABORT\_QCP\_INVALID\_INSERT\_LIMIT\_OPTION Invalid values for INSERT LOW LIMIT and INSERT HIGH LIMIT options.**



**Cause:** The value for the INSERT HIGH LIMIT option must be greater than the one for the INSERT LOW LIMIT option.

**Action:** Check the INSERT LOW LIMIT and INSERT HIGH LIMIT options.

**0x3121C ( 201244) qpERR\_ABORT\_QCP\_INVALID\_LOGGING\_OPTION Only one LOGGING or NOLOGGING clause may be specified.**

**Cause:** Duplicate LOGGING options.

**Action:** Check the LOGGING options.

**0x3121D ( 201245) qpERR\_ABORT\_QCP\_INVALID\_PARALLEL\_OPTION Only one PARALLEL or NOPARALLEL clause may be specified.**

**Cause:** Duplicate PARALLEL options.

**Action:** Check the PARALLEL options.

**0x3121E ( 201246) qpERR\_ABORT\_QCP\_INVALID\_TABLESPACE\_OPTION Duplicate tablespace name clause.**

**Cause:** Duplicate TABLE SPACE NAME options.

**Action:** Check the TABLESPACE options.

**0x31242 ( 201282) qpERR\_ABORT\_QCP\_INVALID\_BUFFER\_OPTION Only one BUFFER or NOBUFFER clause may be specified.**

**Cause:** Duplicate BUFFER options.

**Action:** Check the BUFFER options.

**0x31241 ( 201281) qpERR\_ABORT\_QCP\_INVALID\_SYSDBA\_OPTION Invalid SYSDBA option.**

**Cause:** Invalid SYSDBA option.

**Action:** Usage: CONNECT username/password [AS SYSDBA].

**0x3129B ( 201371) qpERR\_ABORT\_QCP\_DUPLICATE\_SYNC\_TABLE Duplicate table names.**

**Cause:** Duplicate table names exist.

**Action:** Check table names for duplicates.

**0x312B0 ( 201392) qpERR\_ABORT\_QCP\_DUPLICATE\_REPL\_OPTION Duplicate option names.**

**Cause:** Duplicate option names exist.

**Action:** Check option names for duplicates.

**0x312B1 ( 201393) qpERR\_ABORT\_QCP\_NOT\_SUPPORTED\_REPL\_OPTION Unsupported replication option name <0%s>**

**Cause:** The option is currently not supported.

**Action:** Refer to the Replication Manual for information about supported options. Select an available option.

**0x312CA ( 201418) qpERR\_ABORT\_QCP\_INVALID\_FUNCTION Functions or procedures other than TO\_DATE function not allowed.**

**Cause:** Invalid function call.

**Action:** Check the function name.

**0x312DD ( 201437) qpERR\_ABORT\_QCP\_INVALID\_DATABASE\_CHARSET A database character set must be specified.**

**Cause:** Database character set is not specified.

**Action:** Specify a database character set.

**0x312DE ( 201438) qpERR\_ABORT\_QCP\_INVALID\_NATIONAL\_CHARSET A national character set must be specified.**

**Cause:** A national character set is not specified.

**Action:** Specify a national character set.

**0x31388 ( 201608)**

**qpERR\_ABORT\_QCP\_COLUMN\_CHECK\_CONSTRAINT\_REFERENCE\_OTHER\_COLUMN A column check constraint cannot reference other columns.**

**Cause:** A column check constraint references other columns.

**Action:** Check and revise the column check constraint.

**0x31389 ( 201609)**

**qpERR\_ABORT\_QCP\_SET\_USER\_NAME\_OR\_TABLE\_NAME\_TO\_CONSTRAINT\_COLUMN Cannot specify user name or table name in column constraint <0%s>**

**Cause:** A user name or table name was specified in a column constraint definition.

**Action:** Remove the user name or table name from the column constraint definition.

**0x3139A ( 201626) qpERR\_ABORT\_QCP\_CANNOT\_SPECIFY\_USER\_NAME\_OR\_TABLE\_NAME Cannot specify user name or table name in function-based index column <0%s>**

**Cause:** A user name or table name was specified in the function-based index column definition.

**Action:** Remove the user name or table name from the function-based index column definition.

**0x3139F ( 201631) qpERR\_ABORT\_QCP\_REQUIRE\_OWNER\_NAME\_IN\_DEFAULT\_EXPR Name of stored function owner is required in function-based index definition. <0%s>**

**Cause:** The name of the stored function's owner is required in function-based index definition.

**Action:** Specify the name of the stored function's owner in the function-based index definition.

**0x313A0 ( 201632) qpERR\_ABORT\_QCP\_REQUIRE\_OWNER\_NAME\_IN\_CHECK\_EXPR Name of stored function owner is required in check constraint expression. <0%s>**

**Cause:** The name of the stored function's owner is required in check constraint expression.

**Action:** Specify the name of the stored function's owner in the check constraint expression.

**0x31408 ( 201736) qpERR\_ABORT\_QCP\_DUPLICATE\_LATERAL\_KEYWORD The LATERAL keyword cannot come after CROSS APPLY or OUTER APPLY.**

**Cause:** The LATERAL keyword comes after CROSS APPLY or OUTER APPLY.

**Action:** Do not write the LATERAL keyword after CROSS APPLY or OUTER APPLY.

**0x31202 ( 201218) qpERR\_ABORT\_INVALID\_LIMIT\_VALUE\_TYPE A limit value host variable was bound to an invalid type.**

**Cause:** The host variable type for the limit value must be one of INTEGER, BIGINT, or SMALLINT.

**Action:** Bind the limit value host variable to one of the integer types.

**0x3100D ( 200717) qpERR\_ABORT\_QCM\_INITDB Unable to initialize the meta database**

**Cause:** The system failed to initialize the meta database due to a MEM\_DIC tablespace error.

**Action:** Recover the MEM\_DIC tablespace or the database, or re-create the database.

**0x3100E ( 200718) qpERR\_ABORT\_QCM\_META\_ALREADY\_EXIST The meta database already exists.**

**Cause:** The meta database already exists.

**Action:** Verify that the database has been properly dropped.

**0x31010 ( 200720) qpERR\_ABORT\_QCM\_NOT\_EXIST\_USER User not found**

**Cause:** The user is not in the meta database.

**Action:** Verify that you have entered a valid user name and that the user exists in the database.

**0x31011 ( 200721) qpERR\_ABORT\_QCM\_NOT\_EXIST\_TABLE Table not found**

**Cause:** The table is not in the meta database.

**Action:** Verify that you have entered a valid table name and that the table exists in the database.

**0x31012 ( 200722) qpERR\_ABORT\_QCM\_NOT\_EXIST\_COLUMN Column not found**

**Cause:** The column is not in the meta database.

**Action:** Verify that you have entered a valid column name and use the DESC command to check that the column exists in the table.

**0x311F4 ( 201204) qpERR\_ABORT\_QCM\_NOT\_EXIST\_COLUMN\_NAME Invalid column name <0%s>**

**Cause:** The column name does not exist.

**Action:** Specify a valid column name.

**0x31013 ( 200723) qpERR\_ABORT\_QCM\_NOT\_EXIST\_SEQUENCE Sequence not found**

**Cause:** The specified sequence name was not found in the database.

**Action:** Verify that the sequence exists.

**0x31014 ( 200724) qpERR\_ABORT\_QCM\_NOT\_EXISTS\_INDEX Index not found**

**Cause:** The specified index name was not found in the database.

**Action:** Verify that the index exists. Look up meta tables to verify that the index name is correct.

**0x31015 ( 200725) qpERR\_ABORT\_QCM\_META\_CRASH The meta table crashed.**

**Cause:** The meta table crashed.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x31017 ( 200727) qpERR\_ABORT\_QCM\_REPL\_NOT\_FOUND Replication not found**

**Cause:** The specified replication has not been created yet.

**Action:** Create the replication first. Verify that the replication name is valid.

**0x31018 ( 200728) qpERR\_ABORT\_QCM\_INTERNAL\_ARG Internal server error in meta module (<0%s>).**

**Cause:** Program error

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x31019 ( 200729) qpERR\_ABORT\_QCM\_NOT\_ENOUGH\_REPLICATION\_ITEMS Internal server error. There are too few tables for replication.**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x3101A ( 200730) qpERR\_ABORT\_QCM\_TOO\_MANY\_REPLICATION\_ITEMS Internal server error. There are too many tables for replication.**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x3101B ( 200731) qpERR\_ABORT\_QCM\_MAX\_REPLICATION Internal server error.****Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x31192 ( 201106) qpERR\_ABORT\_QCM\_LOCK\_FAIL The table is locked by other transactions.**

**Cause:** Cannot obtain a lock on the specified table because it is already locked by other transactions.

**Action:** Check other transactions.

**0x311A6 ( 201126) qpERR\_ABORT\_QCM\_NOT\_ENOUGH\_REPLICATION\_HOSTS Internal server error. There are too few hosts for replication.****Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x311A7 ( 201127) qpERR\_ABORT\_QCM\_TOO\_MANY\_REPLICATION\_HOSTS Internal server error. There are too many hosts for replication.****Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x310C9 ( 200905) qpERR\_ABORT\_RESET\_SENDER [REPL manager] Resetting <0%s> sender XSN (sender XSN = SN<1%ld>,current = SN<2%ld>)****Cause:**

- The system tried to reset the current log file specified by the REPLICATION\_MAX\_LOGFILE property.

**Action:**

- N/A

**0x310CA ( 200906) qpERR\_ABORT\_STOP\_SENDER [REPL manager] Stopping <0%s> sender thread (sender read = SN<1%ld>,current = SN<2%ld>,SN = <3%ld>)****Cause:**

- The system tried to restart the sender thread with the current log file specified by the REPLICATION\_MAX\_LOGFILE property.

**Action:**

- N/A

**0x3120A ( 201226) qpERR\_ABORT\_DROP\_LAST\_TABLE** You cannot drop the last table.

**Cause:** You cannot drop the last table from a replication object.

**Action:** Check the META information.

**0x3120B ( 201227) qpERR\_ABORT\_DROP\_LAST\_HOST** You cannot drop the last host.

**Cause:** You cannot drop the last host from a replication object.

**Action:** Check the META information.

**0x3124A ( 201290) qpERR\_ABORT\_QCM\_INVALID\_DUMP\_TABLE** Invalid dump table

**Cause:** The table is not a dump table.

**Action:** Use a dump table.

**0x3124B ( 201291) qpERR\_ABORT\_QCM\_INVALID\_DUMP\_OBJECT** Invalid dump object

**Cause:** The object is not valid for the dump table.

**Action:** Use a valid dump object for the dump table.

**0x3124C ( 201292) qpERR\_ABORT\_QCM\_TOO\_MANY\_DUMP\_OBJECT** Too many dump objects

**Cause:** You are using too many dump objects.

**Action:** Use a suitable number of dump objects for the dump table.

**0x3125B ( 201307) qpERR\_ABORT\_QCM\_NOT\_EXIST\_TABLE\_PARTITION** The table partition does not exist. <0%s>

**Cause:** The table partition does not exist.

**Action:** Check the table partition name.

**0x3125C ( 201308) qpERR\_ABORT\_QCM\_TOO\_MANY\_LIST\_PARTITION\_CONDITION\_VALUE** Too many partition condition values for the list partitioned table

**Cause:** There are too many partition condition values for the list partitioned table.

**Action:** Check the total number of partition condition values.

**0x312B2 ( 201394) qpERR\_ABORT\_QCM\_ALREADY\_SUPPORT\_RECOVERY** The table recovery is already supported by another replication <0%s>

**Cause:** The recovery of replication item is already supported.

**Action:** Check the replication item.

**0x312B9 ( 201401) qpERR\_ABORT\_QCM\_MAXIMUM\_OBJECT\_NUMBER\_EXCEED** The number of elements <0%s> exceeds the maximum limit (<1%ld>).

**Cause:** The specified number of elements exceeds the maximum limit.

**Action:** Reduce the specified number of elements.

**0x312BC ( 201404) qpERR\_ABORT\_QCM\_NOT\_ENOUGH\_REPLICATION\_OLD\_ITEMS** Internal server error. There are too few old item metas for replication. (<0%s>)

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312BD ( 201405) qpERR\_ABORT\_QCM\_TOO\_MANY\_REPLICATION\_OLD\_ITEMS Internal server error. There are too many old item metas for replication. (<0%s>)**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312BE ( 201406) qpERR\_ABORT\_QCM\_NOT\_ENOUGH\_REPLICATION\_OLD\_COLUMNS Internal server error. There are too few old column metas for replication. (<0%s>, <1%lu>)**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312BF ( 201407) qpERR\_ABORT\_QCM\_TOO\_MANY\_REPLICATION\_OLD\_COLUMNS Internal server error. There are too many old column metas for replication. (<0%s>, <1%lu>)**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312C0 ( 201408) qpERR\_ABORT\_QCM\_NOT\_ENOUGH\_REPLICATION\_OLD\_INDICES Internal server error. There are too few old index metas for replication. (<0%s>, <1%lu>)**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312C1 ( 201409) qpERR\_ABORT\_QCM\_TOO\_MANY\_REPLICATION\_OLD\_INDICES Internal server error. There are too many old index metas for replication. (<0%s>, <1%lu>)**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312C2 ( 201410) qpERR\_ABORT\_QCM\_NOT\_ENOUGH\_REPLICATION\_OLD\_INDEX\_COLS** Internal server error. There are too few old index column metas for replication. (<0%s>, <1%lu>, <2%u>)

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312C3 ( 201411) qpERR\_ABORT\_QCM\_TOO\_MANY\_REPLICATION\_OLD\_INDEX\_COLS** Internal server error. There are too many old index column metas for replication. (<0%s>, <1%lu>, <2%u>)

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312CB ( 201419) qpERR\_ABORT\_QCM\_INVALID\_REPL\_CONDITION\_MTCNAME** There is an invalid operator or operand in a replication condition.

**Cause:** The length of mtcName cannot be over 8.

**Action:** Check the replication conditions.

**0x312CC ( 201420) qpERR\_ABORT\_QCM\_INVALID\_REPL\_CONDITION** Invalid replication condition.

**Cause:** The condition's top node has only an argument node.

**Action:** Check the replication conditions.

**0x312CD ( 201421) qpERR\_ABORT\_QCM\_INVALID\_REPL\_CONDITION\_DATATYPE** Data type not permitted in replication condition.

**Cause:** The data type is not permitted.

**Action:** Check the data type of the operand for the replication condition.

**0x312CE ( 201422) qpERR\_ABORT\_QCM\_INVALID\_REPL\_CONDITION\_OPERAND** If one operand is a column, the other operand has to be a value.

**Cause:** A pair of operands must always consist of a column and a value.

**Action:** Check the operands for the replication condition.

**0x312CF ( 201423) qpERR\_ABORT\_QCM\_DIFF\_REPL\_CONDITION\_OPERANDS** A Pair of operands has to have the same data type.

**Cause:** The data types of a pair of operands are different from each other.

**Action:** Check the data types of the operands for the replication condition.

**0x312D0 ( 201424) qpERR\_ABORT\_QCM\_COLUMN\_VALUE\_MISMATCH** Invalid update column list.



**Cause:** The number of values and the number of columns in an update column list are not the same.

**Action:** Check the update column list.

**0x312D1 ( 201425) qpERR\_ABORT\_QCM\_INVALID\_REPL\_CONDITION\_VALUE Sysdate is not allowed as a replication condition value.**

**Cause:** Sysdate was specified as a replication condition value.

**Action:** Do not use SYSDATE as a replication condition value.

**0x312F4 ( 201460) qpERR\_ABORT\_QCM\_TOO\_MANY\_REPLICATION\_OFFLINE\_DIR\_PATH Internal server error. Too many offline log dir paths for replication.**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312F5 ( 201461) qpERR\_ABORT\_QCM\_NOT\_ENOUGH\_REPLICATION\_OFFLINE\_DIR\_PATH Internal server error. Too few offline log dir paths for replication.**

**Cause:**

- Internal server error

**Action:**

- Please send a bug report to the vendor.

**0x312F6 ( 201462) qpERR\_ABORT\_QRC\_NOT\_EXIST\_REPL\_OFFLINE\_DIR\_PATH Replication offline log dir not found.**

**Cause:** No replication offline log dir path was found.

**Action:** Check the meta tables.

**0x312F7 ( 201463) qpERR\_ABORT\_QRC\_ROLE\_NOT\_SUPPORT\_REPL\_OFFLINE Offline option not supported in this role.**

**Cause:** This role does not support the offline option.

**Action:** Check the options or the role of the replication.

**0x312F8 ( 201464) qpERR\_ABORT\_QCP\_MAX\_PATH\_LENGTH\_OVERFLOW The length of the path exceeds the maximum limit. <0%s>**

**Cause:** The length of the path exceeds the maximum limit.

**Action:** Refer to the SQL Reference for the maximum possible length allowed for the path. Enter a path with a valid length.

**0x312F9 ( 201465) qpERR\_ABORT\_QRC\_NOT\_SUPPORT\_REPL\_OFFLINE\_AND\_RECOVERY Offline option is not supported with recovery option.**

**Cause:** The offline option is not supported with the recovery option.

**Action:** Check the replication options.

**0x312FA ( 201466) qpERR\_ABORT\_QRC\_ALREADY\_OFFLINE\_SET Offline option already set.**

**Cause:** The replication offline option was already set.

**Action:** Check the replication options.

**0x312FB ( 201467) qpERR\_ABORT\_QRC\_ALREADY\_OFFLINE\_UNSET Offline option already unset.**

**Cause:** The replication offline option was already unset.

**Action:** Check the replication options.

**0x31368 ( 201576) qpERR\_ABORT\_QCM\_REUSE\_COUNT The password cannot be reused.**

**Cause:** The password has been reused more than the allowable number of times.

**Action:** Enter a new password.

**0x31369 ( 201577) qpERR\_ABORT\_QCM\_USER\_DEFINED\_ERROR user defined error:  
<0%s>**

**Cause:** A user-defined callback function returned an error.

**Action:** Respond to the error raised by the user-defined callback function.

**0x3136A ( 201578) qpERR\_ABORT\_QCM\_MESSAGE\_TOO\_LONG Callback function message too long**

**Cause:** The error message returned by a callback function was too long.

**Action:** Reduce the length of the callback function error message.

**0x3136B ( 201579) qpERR\_ABORT\_QCM\_VERIFY\_FUNCTION\_SELECT\_ERROR Invalid user-defined function 'PASSWORD\_VERIFY\_FUNCTION'.**

**Cause:** A user-defined function is invalid, or was not called properly.

**Action:** Check the validity of the user-defined function and verify that it was called correctly.

**0x31373 ( 201587) qpERR\_ABORT\_QCM\_NOT\_EXIST\_MVIEW Materialized view not found**

**Cause:** The materialized view is not in the meta database.

**Action:** Verify that you have entered a valid materialized view name and that the materialized view exists in the database.

**0x313CC ( 201676) qpERR\_ABORT\_QCM\_JOB\_QUEUE\_OVERFLOW The job thread queue overflows.**

**Cause:** The size of the thread queue is too small for the number of jobs.

**Action:** Enlarge the size of the JOB\_THREAD\_QUEUE\_SIZE property.

**0x31404 ( 201732) qpERR\_ABORT\_QCM\_NOT\_EXIST\_USER\_OR\_ROLE User or role not found.**

**Cause:** The specified role or user does not exist.

**Action:** Check whether the role or user exists.

**0x31405 ( 201733) qpERR\_ABORT\_QCM\_USER\_TO\_ROLES\_MAX\_COUNT Unable to grant any more roles to the user.**

**Cause:** The number of roles granted to the user has reached the maximum limit.

**Action:** Do not grant any more roles to the user, or revoke a role first.

**0x31300 ( 201472) qpERR\_ABORT\_DLOPEN dlopen error: [<0%s>]**

**Cause:** dlopen error

**Action:** Check the shared library.

**0x31301 ( 201473) qpERR\_ABORT\_DLSYM dlsym error**

**Cause:** dlsym error

**Action:** Check the shared library.

**0x31302 ( 201474) qpERR\_ABORT\_DLCLOSE dlclose error: [<0%s>]**

**Cause:** dlclose error

**Action:** Check the shared library.

**0x31303 ( 201475) qpERR\_ABORT\_FUNC\_CALL Function call error: [<0%s> : <1%s>]**

**Cause:** Function call error

**Action:** Check the shared library.

**0x31304 ( 201476) qpERR\_ABORT\_INVALID\_MODULE Invalid security module.**

**Cause:** Invalid security module.

**Action:** Check the security module.

**0x31305 ( 201477) qpERR\_ABORT\_FAIL\_TO\_VERIFY\_MODULE Failed to verify security module: [<0%s>]**

**Cause:** Failed to verify the security module.

**Action:** Check the security module.

**0x31306 ( 201478) qpERR\_ABORT\_NOT\_EXIST\_POLICY Policy does not exist: [<0%s>]**

**Cause:** The policy does not exist.

**Action:** Check the security module.

**0x31307 ( 201479) qpERR\_ABORT\_INVALID\_POLICY Policy is not valid: [<0%s>]**

**Cause:** The policy is not valid.

**Action:** Check the security module.

**0x31308 ( 201480) qpERR\_ABORT\_NOT\_EXIST\_ECC\_POLICY ECC policy does not exist: [<0%s>]**

**Cause:** The ECC policy does not exist.

**Action:** Check the security module.

**0x31309 ( 201481) qpERR\_ABORT\_INVALID\_ECC\_POLICY ECC policy is not valid:**  
[<0%s>]

**Cause:** The ECC policy is not valid.

**Action:** Check the security module.

**0x3130D ( 201485) qpERR\_ABORT\_FAIL\_TO\_OPEN\_SECURITY\_MODULE Failed to open security module.**

**Cause:** Failed to open the security module.

**Action:** Check the SECURITY\_MODULE property.

**0x3130E ( 201486) qpERR\_ABORT\_SECURITY\_MODULE\_ALREADY\_STARTED Security has already been started.**

**Cause:** Security has already been started.

**Action:** Stop SECURITY\_MODULE to start again.

**0x3130F ( 201487) qpERR\_ABORT\_MISMATCH\_SECURITY\_MODULE Mismatched security module [<0%s>], [<1%s>], [<2%s>]**

**Cause:** Mismatched security module.

**Action:** Check the security module.

**0x31310 ( 201488) qpERR\_ABORT\_EXIST\_ENCRYPTED\_COLUMN Encrypted column exists.**

**Cause:** An encrypted column exists.

**Action:** Check the encrypted column.

**0x31311 ( 201489) qpERR\_ABORT\_INVALID\_SECURITY\_MODULE\_VERSION Security module version is not valid.**

**Cause:** Security module version is not valid.

**Action:** Check the security module.

**0x31312 ( 201490) qpERR\_ABORT\_POLICY\_BLOCK\_SIZE\_TOO\_BIG Policy block size is too big: [<0%s>]**

**Cause:** The policy block size is too big.

**Action:** Check the security module.

**0x31020 ( 200736) qpERR\_ABORT\_QDB\_DDL\_WITH\_REPLICATED\_TBL You cannot execute DDL on a replicated table.**

**Cause:** You cannot execute DDL on a replicated table.

**Action:** Verify that the specified table is not replicated.

**0x313D9 ( 201689) qpERR\_ABORT\_QDB\_DDL\_WITH\_REPLICATED\_PART You cannot execute DDL on a replicated partition.**

**Cause:** You cannot execute DDL on a replicated partition.

**Action:** Verify that the specified partition is not replicated.

**0x31475 ( 201845) qpERR\_ABORT\_QDB\_DDL\_SYNC\_WITH\_LOCK\_UNTIL\_NEXT\_DDL** You cannot execute DDL for the replicated table after performing LOCK.. UNTIL NEXT DDL on REPLICATION\_DDL\_SYNC enable mode.

**Cause:** You cannot use the property REPLICATION\_DDL\_SYNC enable and LOCK.. UNTIL NEX DDL statement on the replicated table.

**Action:** Change the property REPLICATION\_DDL\_SYNC to 0(disable) or close a transaction.

**0x31022 ( 200738) qpERR\_ABORT\_QDB\_EXIST\_OBJECT\_NAME** The name is already used by an existing object.

**Cause:** An attempt was made to create a database object (such as a table, view or sequence) that already exists. A user's database objects must have distinct names.

**Action:** Enter a unique name for the database object or modify or drop the existing object so it can be reused.

**0x31023 ( 200739) qpERR\_ABORT\_QDB\_DUPLICATE\_COLUMN** Duplicate column name : <0%s>

**Cause:** Two or more identical column names were declared for a table.

**Action:** Change one of the duplicate column names in the table.

**0x311C3 ( 201155) qpERR\_ABORT\_QDB\_DUPLICATE\_TIMESTAMP\_COLUMN** A table can have only one TIMESTAMP column. <0%s>

**Cause:** A table can have only one TIMESTAMP column.

**Action:** Specify only one timestamp column in the table description.

**0x311C4 ( 201156) qpERR\_ABORT\_QDB\_CANNOT\_SET\_TIMESTAMP\_DEFAULT** No default value can be specified for a TIMESTAMP column. <0%s>

**Cause:** No default value can be specified for a TIMESTAMP column.

**Action:** Remove the default clause from the TIMESTAMP column.

**0x31024 ( 200740) qpERR\_ABORT\_QDB\_NOT\_EXISTS\_ALIAS** No alias is specified. The SELECT statement has a compound expression without an alias.

**Cause:** The SELECT statement has a compound expression without an alias name, which is used as a column name for the new table.

**Action:** Specify an alias to the compound expression in the target list of the SELECT statement.

**0x31025 ( 200741) qpERR\_ABORT\_QDB\_MISMATCH\_COL\_COUNT** The number of columns in the list and the number of values in the list do not match.

**Cause:** When the user executes a CREATE TABLE AS SELECT statement, the number of defined columns must be equivalent to the number of specified expressions in the target list of the SELECT statement.

**Action:** Verify that the number of columns is equivalent to the number of expressions in the target list of the SELECT statement.

**0x31026 ( 200742) qpERR\_ABORT\_QDB\_INVALID\_COLUMN\_COUNT Too many or too few columns in a table**

**Cause:** The number of columns in a table is either larger than the limit or zero as a result of adding or dropping a column.

**Action:** If the number of columns becomes zero, drop the table. If the number of columns exceeds the limit, create a new table for the column.

**0x31027 ( 200743) qpERR\_ABORT\_QDB\_NOT\_EXISTS\_DEFAULT Unable to find the DEFAULT specification to drop.**

**Cause:** Could not find a DEFAULT specification to drop.

**Action:** Consult the meta tables to see if a DEFAULT value has been specified for the column.

**0x31028 ( 200744) qpERR\_ABORT\_QDB\_CREATE\_DISABLE\_DATA\_TYPE Unable to create a column with the specified data type.**

**Cause:** Unable to create a column with the specified data type

**Action:** Verify that it is permissible to create the specified data type.

**0x31029 ( 200745) qpERR\_ABORT\_QDB\_META\_CRASH The meta database crashed.**

**Cause:** The meta database crashed.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x3102A ( 200746) qpERR\_ABORT\_QDB\_REFERENTIAL\_CONSTRAINT\_EXIST A foreign key constraint depends on the table or column.**

**Cause:** There is a foreign key constraint that depends on the table or column.

**Action:** Drop the related foreign key constraints first, and then retry this statement.

**0x3102B ( 200747) qpERR\_ABORT\_QDB\_NOT\_EXIST\_NOT\_NULL Unable to alter the column to a nullable column because no NOT NULL constraint is specified for the column.**

**Cause:** There is no NULL constraint to drop.

**Action:** Check the column specification.

**0x3102C ( 200748) qpERR\_ABORT\_QDB\_NOT\_ALLOWED\_DROP\_NOT\_NULL Unable to drop a NOT NULL constraint because a primary key constraint exists.**

**Cause:** A primary key constraint exists for this column.

**Action:** Check the column specification.

**0x3102D ( 200749) qpERR\_ABORT\_QDB\_EXIST\_NOT\_NULL Unable to add a NOT NULL constraint to the specified column because it already has either a NOT NULL or PRIMARY KEY constraint.**

**Cause:** The column already has a NOT NULL constraint.

**Action:** Check the column specification.

**0x3102F ( 200751) qpERR\_ABORT\_QDB\_NOTNULL\_HAS\_NULL Unable to add a NOT NULL constraint to the specified column because it already contains null values**

**Cause:** One or more records in the specified column have null values.

**Action:** Check the column specification.

**0x31182 ( 201090) qpERR\_ABORT\_QDB\_DUPLICATE\_COLUMN\_NAME Duplicate column name**

**Cause:** The same column name exists in the table specification.

**Action:** Check the table specification.

**0x31183 ( 201091) qpERR\_ABORT\_QDB\_NOT\_ALLOWED\_SUBQUERY A subquery is not allowed here. <0%s>**

**Cause:** A subquery is not allowed here.

**Action:** Remove the subquery.

**0x311AF ( 201135) qpERR\_ABORT\_QDB\_DDL\_ON\_CLOSED\_TABLE This table is not in memory. <0%s>**

**Cause:** This table is not in memory.

**Action:** Execute ALTER TABLE OPEN.

**0x311FF ( 201215) qpERR\_ABORT\_QDB\_HIGHLIMIT\_LESS\_LOWLIMIT INSERT HIGH LIMIT cannot be less than or equal to INSERT LOW LIMIT.**

**Cause:** INSERT HIGH LIMIT cannot be less than or equal to INSERT LOW LIMIT.

**Action:** Check INSERT HIGH LIMIT and INSERT LOW LIMIT

**0x31233 ( 201267) qpERR\_ABORT\_QDB\_FIXED\_PAGE\_SIZE\_ERROR The fixed record size exceeds the page size.**

**Cause:** A table cannot be created because the size of a record exceeds the page size.

**Action:** Create a table whose record size is less than a page size.

**0x31236 ( 201270) qpERR\_ABORT\_QDB\_IN\_ROW\_SIZE\_ERROR IN ROW size exceeds the maximum limit.**

**Cause:** A column cannot be created because the IN ROW size exceeds the maximum limit.

**Action:** Create a column whose IN ROW size is less than the maximum limit.

**0x31243 ( 201283) qpERR\_ABORT\_QDB\_MISMATCHED\_LOB\_TYPE\_COLUMN Mismatched LOB type column <0%s>**

**Cause:** A LOB type column mismatch has occurred.

**Action:** Check the column specification.

**0x31244 ( 201284) qpERR\_ABORT\_QDB\_NOT\_FOUND\_LOB\_TYPE\_COLUMN LOB type column not found.**

**Cause:** The specified LOB type column was not found in the table.

**Action:** Check the LOB type column specification.

**0x31257 ( 201303) qpERR\_ABORT\_QDB\_LOB\_VIOLATION\_ON\_VOLATILE\_TABLE A volatile table cannot have a LOB column.**

**Cause:** You tried to create or alter a table with a LOB column.

**Action:** Retry this action without the LOB column specification.

**0x3125D ( 201309) qpERR\_ABORT\_QDB\_DUPLICATE\_PARTITION\_NAME Duplicate partition name <0%s>**

**Cause:** Duplicate partition name

**Action:** Verify that no duplicate partition names have been specified.

**0x3125E ( 201310) qpERR\_ABORT\_QDB\_TOO\_MANY\_PARTITION\_CONDITION\_LIST A partition condition list contains too many elements**

**Cause:** Too many partition condition elements

**Action:** Verify that the number of partition condition elements is less than or equal to the number of partition key columns.

**0x3125F ( 201311) qpERR\_ABORT\_QDB\_DUPLICATE\_PARTITION\_KEY\_COLUMN\_NAME Duplicate partition key column name <0%s>**

**Cause:** Duplicate partition key column name

**Action:** Verify that no duplicate partition key column names are specified.

**0x31260 ( 201312) qpERR\_ABORT\_QDB\_INVALID\_PARTITION\_KEY\_COLUMN\_TYPE Invalid partition key column type <0%s>**

**Cause:** Invalid partition key column type

**Action:** Check the partition key column type.

**0x31261 ( 201313) qpERR\_ABORT\_QDB\_INVALID\_PARTITION\_KEY\_COLUMN\_NAME Invalid partition key column name <0%s>**

**Cause:** A column which does not belong to the partitioned table is used as a partition key.

**Action:** Check the name of partition key column.

**0x31262 ( 201314) qpERR\_ABORT\_QDB\_MAX\_PARTITION\_KEY\_COLUMN\_COUNT Too many partition key columns**

**Cause:** Only one partition key is allowed in a list partition.

**Action:** Check the number of partition key columns.

**0x31263 ( 201315) qpERR\_ABORT\_QDB\_INVALID\_DEFAULT\_PARTITION\_COUNT The number of default partitions must be one in a range or list partitioned table**

**Cause:** Invalid default partition count in a range or list partitioned table.

**Action:** Check the number of default partitions.



**0x31264 ( 201316) qpERR\_ABORT\_QDB\_NO\_CREATE\_PARTITION\_IN\_MEMORY\_TBS Unable to create a partitioned table or partition in the memory tablespace.**

**Cause:** Unable to create a partitioned table or partition in the memory tablespace

**Action:** Check the specified tablespace.

**0x31265 ( 201317) qpERR\_ABORT\_QDB\_INVALID\_PART\_COND\_VALUE Invalid partition key condition value : <0%s>**

**Cause:** Partition key condition value is invalid.

**Action:** Check the partition key condition value.

**0x31266 ( 201318) qpERR\_ABORT\_QDB\_DUPLICATE\_PART\_COND\_VALUE Duplicate partition key condition value : <0%s>**

**Cause:** Duplicate partition key condition value.

**Action:** Check the partition key condition value.

**0x31267 ( 201319)**

**qpERR\_ABORT\_QDB\_INVALID\_DEFAULT\_PART\_COUNT\_IN\_HASH\_PART\_TABLE Hash partitioned table cannot have default partition**

**Cause:** Invalid default partition count in hash partitioned table

**Action:** Check the number of default partitions.

**0x31268 ( 201320)**

**qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_TABLE\_PARTITION\_ON\_NONE\_PART\_TABLE Unable to alter table partition on non-partitioned table**

**Cause:** Unable to alter table partition on a non-partitioned table

**Action:** Check the table specification.

**0x31269 ( 201321)**

**qpERR\_ABORT\_QDB\_INVALID\_PART\_TABLE\_METHOD\_FOR\_SPLIT\_PARTITION\_AT Split partition AT must be used on range partitioned table**

**Cause:** The table is not a range partitioned table

**Action:** Check the partitioning method.

**0x3126A ( 201322)**

**qpERR\_ABORT\_QDB\_INVALID\_PART\_TABLE\_METHOD\_FOR\_SPLIT\_PARTITION\_VALUES Split partition VALUES must be used in list partitioned table**

**Cause:** The table is not a list partitioned table.

**Action:** Check the partitioning method.

**0x3126B ( 201323) qpERR\_ABORT\_QDB\_TOO\_MANY\_SPLIT\_CONDITION\_VALUE Too many split condition values**

**Cause:** The number of split condition values should be less than or equal to the number of partition key columns.

**Action:** Check the split condition values.

**0x3126C ( 201324) qpERR\_ABORT\_QDB\_CANNOT\_SPLIT\_HASH\_PART\_TABLE Cannot split partition in hash partitioned table**

**Cause:** Unable to split a partition in a hash partitioned table.

**Action:** Check the partitioning method.

**0x3126D ( 201325) qpERR\_ABORT\_QDB\_SPLIT\_CONDITION\_VALUE\_ON\_RANGE\_PARTITION Split condition value must be between PARTITION\_MIN\_VALUE and PARTITION\_MAX\_VALUE of the partition to be split**

**Cause:** Split condition value is less than PARTITION\_MIN\_VALUE or more than PARTITION\_MAX\_VALUE.

**Action:** Check the split condition value.

**0x3126E ( 201326) qpERR\_ABORT\_QDB\_NOT\_EXIST\_SPLIT\_CONDITION\_VALUE\_ON\_LIST\_PARTITION Split condition value does not exist for the partition to be split**

**Cause:** The split condition value does not exist.

**Action:** Check the split condition values.

**0x3126F ( 201327) qpERR\_ABORT\_QDB\_ALREADY\_EXIST\_SPLIT\_CONDITION\_VALUE\_ON\_LIST\_PARTITION Split condition value already exists in another partition**

**Cause:** The split condition value already exists in another partition.

**Action:** Check the split condition values.

**0x31270 ( 201328) qpERR\_ABORT\_QDB\_ALREADY\_EXIST\_PARTITION\_NAME The partition name is already used by the partitioned table <0%s>**

**Cause:** The partition name is already used by the partitioned table.

**Action:** Check the partition name.

**0x31271 ( 201329) qpERR\_ABORT\_QDB\_DROP\_PART\_KEY Cannot drop partitioning key**

**Cause:**

- Unable to drop a column that is related to the partitioning key.

**Action:**

- No Action.

**0x31272 ( 201330) qpERR\_ABORT\_QDB\_MODIFY\_MAXROWS\_OF\_PARTITION Cannot modify maxrows of the partitioned table**

**Cause:**

- Unable to modify the maxrows value for the partitioned table.

**Action:**

- No Action.

**0x31273 ( 201331) qpERR\_ABORT\_QDB\_CANNOT\_MERGE\_HASH\_PART\_TABLE Cannot merge hash partitioned table**

**Cause:** - Unable to merge a hash partitioned table.

**Action:** Check the partitioning method.

**0x31274 ( 201332)****qpERR\_ABORT\_QDB\_CANNOT\_MERGE\_NOT\_ADJ\_PARTITIONS\_IN\_RANGE\_PART\_TABLE  
Partitions  
being merged are not adjacent**

**Cause:** Nonadjacent partitions cannot be merged.

**Action:** Check the position of the partitions being merged.

**0x31275 ( 201333) qpERR\_ABORT\_QDB\_CANNOT\_DROP\_PARTITION\_ON\_HASH\_PART\_TABLE  
Cannot drop partition from hash partitioned table**

**Cause:** Unable to drop a partition from a hash partitioned table.

**Action:** Check the partitioning method.

**0x31276 ( 201334) qpERR\_ABORT\_QDB\_CANNOT\_DROP\_THE\_ONLY\_PARTITION Cannot drop the only partition from a partitioned table**

**Cause:** Cannot drop the only partition from a partitioned table.

**Action:** Check the total partition count of the partitioned table.

**0x31277 ( 201335) qpERR\_ABORT\_QDB\_CANNOT\_DROP\_THE\_DEFAULT\_PARTITION Cannot drop the default partition**

**Cause:** Cannot drop the default partition.

**Action:** Check the partition value type.

**0x31278 ( 201336)****qpERR\_ABORT\_QDB\_CANNOT\_ADD\_PARTITION\_ON\_NONE\_HASH\_PART\_TABLE  
Cannot add a partition to a non-hash partitioned table**

**Cause:** Unable to add a partition to a non-hash partitioned table.

**Action:** Check the partitioning method.

**0x31279 ( 201337)****qpERR\_ABORT\_QDB\_CANNOT\_COALESCE\_PARTITION\_ON\_NONE\_HASH\_PART\_TABLE Cannot coalesce partitions in non-hash partitioned table**

**Cause:** Unable to coalesce partitions in non-hash partitioned table.

**Action:** Check the partitioning method.

**0x3127A ( 201338) qpERR\_ABORT\_QDB\_CANNOT\_COALESCE\_THE\_ONLY\_PARTITION Cannot coalesce the only partition of a partitioned table**

**Cause:** Cannot coalesce the only partition of a partitioned table.

**Action:** Check the total partition count of a partitioned table.

**0x3127B ( 201339) qpERR\_ABORT\_QDB\_TOO\_LONG\_PARTITION\_CONDITION\_VALUE The length of a partition condition value is too long**

**Cause:** Partition condition value too long.

**Action:** Check the length of all partition condition values.

**0x3127C ( 201340) qpERR\_ABORT\_DUP\_SPLIT\_COND\_VALUE\_ON\_LIST\_PARTITION Duplicate split condition value**

**Cause:** Duplicate split condition value

**Action:** Check the split condition values for duplicates.

**0x3127D ( 201341) qpERR\_ABORT\_QDB\_NOT\_EXIST\_PARTITIONED\_INDEX The partitioned index was not found in the partitioned table : <0%s>**

**Cause:** Partitioned index not found.

**Action:** Check the partitioned index name.

**0x3127E ( 201342) qpERR\_ABORT\_QDB\_DUP\_PARTITIONED\_INDEX\_NAME Duplicate partitioned index name : <0%s>**

**Cause:** Duplicate partitioned index name.

**Action:** Check all partitioned index names for duplicates.

**0x312A7 ( 201383) qpERR\_ABORT\_QDB\_DUPLICATE\_TABLE\_ATTRIBUTE Duplicate table attribute. <0%s>**

**Cause:** The user tried to specify a duplicate attribute name in the list of table attributes.

**Action:** Check the list of table attributes.

**0x312A8 ( 201384) qpERR\_ABORT\_QDB\_UNABLE\_TO\_COMPRESS\_VOLATILE\_TBS\_LOG Log compression not supported for volatile tablespace.**

**Cause:** The user tried to compress a volatile tablespace log.

**Action:** No action is necessary.

**0x312AB ( 201387) qpERR\_ABORT\_QDB\_NOT\_ALLOWED\_PROC\_IN\_DEFAULT Procedure or function not allowed here. <0%s>**

**Cause:** A procedure or function was specified in an inappropriate place in a statement.

**Action:** Verify that the procedure or function name is correct and in the correct place, or remove it.

**0x312C4 ( 201412) qpERR\_ABORT\_QDB\_REPLICATION\_DDL\_DISABLED Cannot execute this DDL on a replicated table when the system property REPLICATION\_DDL\_ENABLE is 0.**

**Cause:** System property REPLICATION\_DDL\_ENABLE is 0.

**Action:** Check the system property REPLICATION\_DDL\_ENABLE.

**0x312C5 ( 201413) qpERR\_ABORT\_QDB\_CANNOT\_DDL\_WITH\_RECOVERY Cannot execute this DDL with replication recovery.**

**Cause:** Replication recovery is set.

**Action:** Check replication recovery.

**0x312C6 ( 201414) qpERR\_ABORT\_QDB\_CANNOT\_WRITE\_REPL\_INFO Cannot execute this DDL on a replicated table when the session property REPLICATION is NONE.**

**Cause:** Session property REPLICATION is set to NONE.

**Action:** Check the session property REPLICATION.

**0x312D6 ( 201430) qpERR\_ABORT\_QDB\_ADD\_COL\_UNIQUE\_KEY\_WITH\_REPLICATED\_TBL It is forbidden to add a unique key column to a replicated table.**

**Cause:** A unique key column cannot be added to a replicated table.

**Action:** Drop the replication.

**0x312D8 ( 201432) qpERR\_ABORT\_QDB\_ADD\_COL\_NOT\_NULL\_WITH\_REPLICATED\_TBL It is forbidden to add a not null column to a replicated table.**

**Cause:** A NOT NULL column cannot be added to a replicated table.

**Action:** Drop the replication.

**0x312D9 ( 201433) qpERR\_ABORT\_QDB\_DROP\_COL\_NOT\_NULL\_WITH\_REPLICATED\_TBL It is forbidden to drop a not null column from a replicated table.**

**Cause:** A NOT NULL column cannot be dropped from a replicated table.

**Action:** Drop the replication.

**0x312DB ( 201435) qpERR\_ABORT\_QDB\_DROP\_COL\_HAS\_REPL\_CONDITION It is forbidden to drop a column for which a replication condition exists.**

**Cause:** A column with a replication condition cannot be dropped.

**Action:** Remove the replication condition.

**0x312E8 ( 201448) qpERR\_ABORT\_QDB\_INVALID\_INIT\_TRANS The INITTRANS value must be between <0%d> and <1%d>**

**Cause:** Invalid INITTRANS value.

**Action:** Check the INITTRANS value.

**0x312E9 ( 201449) qpERR\_ABORT\_QDB\_INVALID\_MAX\_TRANS The MAXTRANS value must be between <0%d> and <1%d>**

**Cause:** Invalid MAXTRANS value.

**Action:** Check the MAXTRANS value.

**0x312EA ( 201450) qpERR\_ABORT\_QDB\_MAXTRANS\_LESS\_INITTRANS MAXTRANS cannot be less than INITTRANS.**

**Cause:** The MAXTRANS value cannot be less than the INITTRANS value.

**Action:** Check the INITTRANS and MAXTRANS values.

**0x312ED ( 201453) qpERR\_ABORT\_QDB\_INVALID\_MODIFICATION Invalid modification of column <0%s>**

**Cause:**

- 1. Modifying the data type on the columns with a type of char, blob, clob, nibble, byte, timestamp, or geometry is not allowed.
- 2. Modifying data type of columns into blob, clob, timestamp, or geometry is not allowed.
- 3. The columns with a type of char, varchar, echar, evarchar cannot be encrypted using the ENCRYPT clause.
- 4. The data type of a column cannot be modified; however, the data type length can be increased if the column refers to a foreign key.
- 5. The data type of a column cannot be modified; however, the data type can be increased if the column is used as a partition key.

**Action:** Check modification of the column.

**0x312EE ( 201454) qpERR\_ABORT\_QDB\_INVALID\_LENGTH Invalid length for the data type <0%s>**

**Cause:** The data type length was invalid.

**Action:** Check the length of the data type.

**0x312EF ( 201455) qpERR\_ABORT\_QDB\_INVALID\_NULL\_VALUE Unable to add NOT NULL constraint to the specified column because it already contains null values <0%s>**

**Cause:** One or more records in the specified column has a null value.

**Action:** Check the column specification.

**0x312FC ( 201468) qpERR\_ABORT\_QDB\_COMMENT\_TOO\_LONG Comment string is too long.**

**Cause:** The comment string is too long. It must not exceed 4000 bytes.

**Action:** Check the length of the comment string.

**0x312FD ( 201469) qpERR\_ABORT\_QDB\_COMMENT\_NOT\_SUPPORT\_SEQUENCE COMMENT ON statements are not supported for sequences.<0%s>**

**Cause:** COMMENT ON statements are not supported for sequences.

**Action:** Check the object type.

**0x312FE ( 201470) qpERR\_ABORT\_QDB\_COMMENT\_NOT\_SUPPORT\_PSM COMMENT ON statements are not supported for PSMs. <0%s>**

**Cause:** COMMENT ON statements are not supported for PSMs.

**Action:** Check the object type.

**0x312FF ( 201471) qpERR\_ABORT\_QDB\_COMMENT\_NOT\_SUPPORT\_OBJ COMMENT ON statements are not supported for this Object. <0%s>**

**Cause:** COMMENT ON statements are only supported for user tables and views.

**Action:** Check the object type.

**0x3131A ( 201498) qpERR\_ABORT\_QDB\_NOT\_ALLOWED\_ENCRYPTED\_COLUMN\_ACCESS Encrypted column access is not permitted due to the security module.**

**Cause:** Encrypted column access is not permitted due to the security module.

**Action:** Check the security module.

**0x3131F ( 201503) qpERR\_ABORT\_QDB\_ALREADY\_EXIST\_INDEX\_PARTITION\_NAME** The index name for a new partition must differ from those of existing index partitions.

<0%s>

**Cause:** Index names of new partitions must differ from existing index partition names.

**Action:** Ensure that the new index partition name is different from the name of any existing partition (including the one being renamed) of a given table or index.

**0x31320 ( 201504) qpERR\_ABORT\_QDB\_INVALID\_INDEX\_PARTITION\_NAME** The specified index partition name did not match the name of an existing index partition.

<0%s>

**Cause:** The specified index partition name did not match an existing index partition.

**Action:** Ensure that the index partition name exists.

**0x31321 ( 201505) qpERR\_ABORT\_QDB\_DROP\_MULTI\_COLUMN\_CONSTRAINT\_EXIST** It is forbidden to drop a column that has multi-column constraints.

**Cause:** A column with multi column constraints cannot be dropped.

**Action:** Drop all multi-column constraints related to the dropped column first, and then retry this statement.

**0x3133A ( 201530) qpERR\_ABORT\_QDB\_INVALID\_TBS\_FOR\_PCTFREE\_PCTUSED** PCTFREE and PCTUSED can only be used with disk tablespaces.

**Cause:** PCTFREE and PCTUSED can only be used with disk tablespaces.

**Action:** Check the tablespace type.

**0x3133B ( 201531) qpERR\_ABORT\_QDB\_RESERVED\_WORD\_IN\_OBJECT\_NAME** Invalid object name : <0%s>

**Cause:** Object names cannot start with reserved words.

**Action:** Change the object name.

**0x3135E ( 201566) qpERR\_ABORT\_QDB\_INVALID\_TABLE\_OPTION** Invalid table option

<0%s>

**Cause:** A table option was missing or invalid.

**Action:** Check the table options.

**0x3135F ( 201567)**

**qpERR\_ABORT\_QDB\_CANNOT\_CREATE\_TEMPORARY\_TABLE\_IN\_NONVOLATILE\_TBS** Temporary tables cannot be created in non-volatile tablespaces.

**Cause:** An attempt was made to create a temporary table in a tablespace other than a volatile tablespace.

**Action:** Create the temporary table in a volatile tablespace.

**0x31360 ( 201568) qpERR\_ABORT\_QDB\_NOT\_SUPPORTED\_TEMPORARY\_TABLE\_FEATURE**  
**Unsupported temporary table feature**

**Cause:** One of the table features specified in the temporary table creation statement is not supported.

**Action:** Avoid specifying unsupported features when creating temporary tables.

**0x31363 ( 201571) qpERR\_ABORT\_QDB\_TEMPORARY\_TABLE\_DDL\_DISABLE Cannot execute DDL when a temporary table is in use.**

**Cause:** The DDL could not be executed because there are one or more temporary tables based on the table.

**Action:** Truncate all temporary tables based on the table and try again.

**0x3138A ( 201610) qpERR\_ABORT\_QDB\_ADD\_COL\_CHECK\_WITH\_REPLICATED\_TBL It is forbidden to add a column having check constraint to a replicated table.**

**Cause:** A column with a check constraint cannot be added to a replicated table.

**Action:** Drop the replication.

**0x3138B ( 201611) qpERR\_ABORT\_QDB\_DROP\_COL\_CHECK\_WITH\_REPLICATED\_TBL It is forbidden to drop a column having check constraint from a replicated table.**

**Cause:** A column with a check constraint cannot be dropped from a replicated table.

**Action:** Drop the replication.

**0x3138C ( 201612) qpERR\_ABORT\_QDB\_USE\_SEQUENCE\_IN\_CHECK\_CONSTRAINT A sequence cannot be used as a CHECK constraint in a CREATE or ALTER TABLE statement.**  
 <0%s>

**Cause:** A sequence cannot be used as a CHECK constraint in a CREATE or ALTER TABLE statement.

**Action:** Remove the sequences.

**0x3138D ( 201613) qpERR\_ABORT\_QDB\_USE\_VARIABLE\_IN\_CHECK\_CONSTRAINT A variable cannot be used as a CHECK constraint in a CREATE or ALTER TABLE statement.**  
 <0%s>

**Cause:** A variable cannot be used as a CHECK constraint in a CREATE or ALTER TABLE statement.

**Action:** Remove the variables.

**0x3138E ( 201614) qpERR\_ABORT\_QDB\_NOT\_ALLOWED\_CHECK\_CONSTRAINT A check constraint is not allowed here. <0%s>**

**Cause:** A check constraint cannot be used here.

**Action:** Remove the check constraints.



**0x3138F ( 201615)**

**qpERR\_ABORT\_QDB\_NOT\_ALLOWED\_COLUMN\_HAVING\_CHECK\_CONSTRAINT A column having check constraint is not allowed here. <0%s>**

**Cause:** A column with a check constraint cannot be used here.

**Action:** Remove the check constraints.

**0x31399 ( 201625) qpERR\_ABORT\_QDB\_INVALID\_DEFAULT\_EXPRESSION Invalid default expression : <0%s>**

**Cause:** The default expression is incorrect.

**Action:** Check the default expression.

**0x3139D ( 201629) qpERR\_ABORT\_QDB\_CANNOT\_USE\_HIDDEN\_COLUMN Cannot use columns generated by a function-based index <0%s>**

**Cause:** Cannot use columns generated by a function-based index

**Action:** Remove the columns.

**0x3139E ( 201630) qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_HIDDEN\_COLUMN Cannot alter hidden columns <0%s>**

**Cause:** Cannot alter hidden columns

**Action:** Check the column type.

**0x313B6 ( 201654) qpERR\_ABORT\_QDB\_COMPRESSION\_NOT\_SUPPORTED\_DATATYPE Unsupported data type on compression column. <0%s>**

**Cause:** Dictionary based compression columns do not support some types

**Action:** Check the column type.

**0x313B7 ( 201655) qpERR\_ABORT\_QDB\_COMPRESSION\_NOT\_SUPPORTED\_TABLESPACE Unsupported tablespace type on compression column.**

**Cause:** Dictionary based compression columns support only memory tablespaces.

**Action:** Check the tablespace type.

**0x313B8 ( 201656) qpERR\_ABORT\_QDB\_CANNOT\_DDL\_DML\_DICTIONARY\_TABLE Cannot execute DDL/DML on dictionary table.**

**Cause:** DDL/DML cannot be executed on a dictionary table.

**Action:** Check the specified table.

**0x313B9 ( 201657)**

**qpERR\_ABORT\_QDB\_CANNOT\_CREATE\_COMPRESSION\_COLUMN\_REPLICATION Cannot create compression column on the replicated table <0%s>**

**Cause:** Compression columns do not support replication.

**Action:** Drop the compression column.

**0x313BA ( 201658) qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_COMPRESSION\_COLUMN Cannot alter compression column <0%s>**

**Cause:** Cannot alter compression columns.

**Action:** Check the column type.

**0x313D3 ( 201683) qpERR\_ABORT\_QDB\_NO\_CREATE\_PARTITION\_IN\_COMPOSITE\_TBS**  
**Partitions of a partitioned table cannot be stored in both memory and disk tablespaces.**

**Cause:** Partitions of a partitioned table cannot be stored in both memory and disk tablespaces.

**Action:** Check whether the tablespace types are the same.

**0x313D1 ( 201681) qpERR\_ABORT\_QDB\_UNABLE\_TO\_COMPRESS\_MEM\_PARTITION** Columnar  
**compression is unsupported for memory partitioned tables.**

**Cause:** Columnar compression is unsupported for memory partitioned tables.

**Action:** Check whether the table is a memory partitioned table.

**0x313D4 ( 201684)**  
**qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_REORGANIZE\_COMPRESSION\_COLUMN**  
**ALTER REORGANIZE statement cannot be executed on uncompressed columns. <0%s>**

**Cause:** The 'ALTER REORGANIZE' statement cannot be executed on uncompressed columns.

**Action:** Check the column. Check whether the specified column is compressed or not.

**0x313EE ( 201710) qpERR\_ABORT\_QDB\_ADD\_COL\_COMPRESSION\_COL\_WITH\_REPLICATED\_TBL**  
**A compressed column cannot be added to a replication target table.**

**Cause:** A compressed column cannot be added to a replication target table.

**Action:** Do not add a compressed column to a replication target table.

**0x313EF ( 201711)**  
**qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_REORGANIZE\_COMPRESSION\_COL\_WITH\_REPLICATED\_TBL**  
**A**  
**compressed column of a replication target table cannot be reorganized.**

**Cause:** A compressed column of a replication target table cannot be reorganized.

**Action:** Check whether the specified column is compressed or not.

**0x313F0 ( 201712) qpERR\_ABORT\_QDB\_DROP\_COMPRESSED\_COLUMN\_WITH\_REPLICATE\_TABLE**  
**A compressed column cannot be dropped from a replication target table.**

**Cause:** A compressed column cannot be dropped from a replication target table.

**Action:** Check whether the specified column is compressed or not.

**0x313F1 ( 201713) qpERR\_ABORT\_QDB\_CANNOT\_TRUNCATE\_COMPRESSED\_TABLE** A  
**compressed table which is a replication target table cannot be truncated.**

**Cause:** A compressed table which is a replication target table cannot be truncated.

**Action:** Check whether the specified table is compressed or not.

**0x3140B ( 201739) qpERR\_ABORT\_QDB\_UNABLE\_TO\_COMPRESS\_DISK\_PARTITION Columnar compression is unsupported for disk partitioned tables.**

**Cause:** Columnar compression is unsupported for disk partitioned tables.

**Action:** Check whether the table is a disk partitioned table.

**0x31430 ( 201776) qpERR\_ABORT\_QDB\_DUPLICATE\_TABLE\_NAME Duplicate table name  
<0%s>**

**Cause:** Duplicate table name, or the name is already used by an existing object.

**Action:** Verify that no duplicate table names have been specified, or enter a unique table name.

**0x31431 ( 201777) qpERR\_ABORT\_QDB\_CANNOT\_JOIN\_DISJOIN\_HASH\_OR\_NON\_PART\_TBL Cannot conjoin/disjoin a hash partitioned table or a non-partitioned table.**

**Cause:** You can conjoin/disjoin tables only with non-hash partitioned tables.

**Action:** Verify that the target tables are range/list partitioned tables.

**0x31432 ( 201778) qpERR\_ABORT\_QDB\_CANNOT\_JOIN\_PARTITIONED\_TABLE Unable to conjoin partitioned tables : <0%s>**

**Cause:** Only partitioned tables can be conjoined.

**Action:** Verify that the target table is not a partitioned table.

**0x31433 ( 201779) qpERR\_ABORT\_QDB\_CANNOT\_JOIN\_DISJOIN\_TABLE\_SPEC Unable to conjoin/disjoin tables with primary keys, unique keys, foreign keys, indexes, and triggers. : <0%s>**

**Cause:** Only partitions without private keys, unique keys, foreign keys, indexes, nor triggers can be exchanged.

**Action:** Verify that the table does not have any constraints, indexes, or triggers.

**0x31434 ( 201780) qpERR\_ABORT\_QDB\_JOIN\_DISJOIN\_NOT\_READ\_WRITE Not READ/WRITE : <0%s>**

**Cause:** A read only or read append table cannot be conjoined/disjoined

**Action:** Check the access option of the table.

**0x31435 ( 201781) qpERR\_ABORT\_QDB\_JOIN\_DIFFERENT\_TABLE\_SPEC Unidentical table/column spec : <0%s>**

**Cause:** Unidentical table/column specification.

**Action:** Verify that the specifications(number of constraints, number/names/order/type/scale/precision of columns, etc.) are identical.

**0x31436 ( 201782) qpERR\_ABORT\_QDB\_JOIN\_DIFFERENT\_CONSTRAINT\_SPEC Unidentical constraint specification : <0%s>**

**Cause:** The table's constraint specification unidentical.

**Action:** Verify that the constraint specifications(type, scale, precision, etc.) are identical.

**0x31437 ( 201783) qpERR\_ABORT\_QDB\_CANNOT\_JOIN\_DISJOIN\_COLUMN\_SPEC Unable to conjoin/disjoin hidden/encrypted/compressed columns : <0%s>**

**Cause:** Only partitions without any hidden/encrypted/compressed columns can be exchanged.

**Action:** Verify that there are no hidden/encrypted/compressed columns.

**0x31438 ( 201784) qpERR\_ABORT\_QDB\_DISJOIN\_NOT\_ALL\_PARTITION All partitions should be listed in the DISJOIN table statement.**

**Cause:** One or more partitions are missing from the SQL statement.

**Action:** Verify that every partition is in the SQL statement.

**0x3143A ( 201786) qpERR\_ABORT\_QDB\_CANNOT\_SUPPORT\_ON\_HYBRID\_PARTITIONED\_TABLE It is unsupported for the hybrid partitioned tables.**

**Cause:** It is unsupported for hybrid partitioned tables.

**Action:** Check whether the table is a hybrid disk partitioned table.

**0x3143B ( 201787) qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_PARTITION\_ON\_SAME\_TABLESPACE Alter partition cannot be move rows on same tablespaces.**

**Cause:** Alter partition cannot be move rows on same tablespaces.

**Action:** Check whether the tablespace of a target partition is a same tablespace.

**0x3143C ( 201788) qpERR\_ABORT\_QDB\_MINEXTENTS\_LESS\_INITEXTENTS MINEXTENTS cannot be less than INITEXTENTS.**

**Cause:** The MINEXTENTS value cannot be less than the INITEXTENTS value.

**Action:** Check the INIEXTENTS and MINEXTENTS values.

**0x3143D ( 201789) qpERR\_ABORT\_QDB\_MINEXTENTS\_LESS\_MAXEXTENTS MINEXTENTS cannot be less than MAXEXTENTS.**

**Cause:** The MINEXTENTS value cannot be less than the MAXEXTENTS value.

**Action:** Check the MAXEXTENTS and MINEXTENTS values.

**0x3144B ( 201803) qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_TABLESPACE\_ON\_SAME\_TABLESPACE Alter tablespace cannot be move rows on same tablespaces.**

**Cause:** The user tried to move rows by executing a MOVE statement on the same tablespace. Alter tablespace cannot be move rows on the same tablespaces.

**Action:** Do not execute a MOVE statement on the rows in the same tablespace. Change the tablespace of target table.

**0x3144C ( 201804) qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_TABLESPACE\_ON\_NONE\_PART\_INDEX Cannot alter the tablespace for a partitioned table with a non-partitioned index.**

**Cause:** The tablespace cannot be altered for a partitioned table with a non-partitioned index.

**Action:** Remove the non-partitioned index.

**0x3144D ( 201805) qpERR\_ABORT\_QDB\_MEMORY\_USAGE\_THRESHOLD Need more memory resource. Progress : <0%u>%, Threshold : <1%u>%, Estimated Page Count : <2%lu>.**

**Cause:** There is not enough free space in the memory to execute this DDL statements.

**Action:** Free up space of memory.

**0x3144E ( 201806) qpERR\_ABORT\_QDB\_TBS\_USAGE\_THRESHOLD Need more free space of tablespace. Tablespace Name: <0%s>, Progress : <1%u>%, Threshold : <2%u>%, Estimated Page Count : <3%lu>.**

**Cause:** The tablespace does not have enough free space to execute DDL.

**Action:** Free up space of tablespace.

**0x3144F ( 201807) qpERR\_ABORT\_QDB\_NOT\_EXIST\_INDEX The index was not found in the table : <0%s>**

**Cause:** Index not found.

**Action:** Check the index name.

**0x31458 ( 201816) qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_TABLESPACE\_TEMPORARY\_TABLE A temporary table cannot modify the tablespace.**

**Cause:** ALTER TABLESPACE cannot be executed since a temporary table is executed within the same tablespace.

**Action:** Do not execute the syntax of ALTER TABLESPACE on the temporary table.

**0x3145B ( 201819) qpERR\_ABORT\_QDB\_USE\_ONLY\_DISK\_TABLE\_PARTITION\_IN\_DISK\_EDITION Memory/volatile tables or partitions cannot be used in disk edition.**

**Cause:** Only disk tables and partitions are allowed to use in the disk edition.

**Action:** Use disk tables or disk partitions, otherwise purchase the standard/enterprise edition.

**0x3145C ( 201820) qpERR\_ABORT\_QDB\_SET\_ONLY\_DISK\_TO\_DEFAULT\_TABLESPACE\_IN\_DISK\_EDITION Memory tablespace or volatile tablespace cannot be specified as the default tablespace in the disk edition.**

**Cause:** The default tablespace can be specified only with disk tablespace in the disk edition.

**Action:** Specify disk tablespace as the default tablespace or purchase the standard/enterprise edition.

**0x3145E ( 201822) qpERR\_ABORT\_QDB\_USE\_SYNONYM\_IN\_CHECK\_CONSTRAINT** A synonym is not allowed to be a CHECK constraint in a CREATE or ALTER TABLE statement.

<0%s>

**Cause:** The synonym was used as a CHECK constraint in a CREATE or ALTER TABLE statement.

**Action:** Remove the synonyms used in the statement.

**0x31460 ( 201824) qpERR\_ABORT\_QDB\_DDL\_NOT\_SUPPORTED\_REPLICATED\_TABLE** This DDL is not supported on replicated table.(Cause : <0%s>)

**Cause:** This DDL is not supported on replicated table.

**Action:** Identify the cause and take appropriate action.

**0x31461 ( 201825) qpERR\_ABORT\_QDB\_COPY\_SWAP\_SUPPORT\_NORMAL\_USER\_TABLE** Invalid table type. <0%s>

**Cause:\*\*** Copying or swapping DDL supports a normal user table.

**Action:** Attempt this action on a normal user table.

**0x31462 ( 201826) qpERR\_ABORT\_QDB\_SELF\_SWAP\_DENIED** Unable to swap the same table.

**Cause:** The source table and the target table are the same.

**Action:** Change the source table name or the target table name.

**0x31463 ( 201827)**

**qpERR\_ABORT\_QDB\_SWAP\_NOT\_SUPPORT\_REPLICATION\_WITH\_COMPRESSED\_COLUMN** Invalid replication with compressed columns. <0%s>

**Cause:** Swapping DDL does not support a replication with compressed columns.

**Action:** Remove the compressed columns.

**0x31464 ( 201828) qpERR\_ABORT\_QDB\_REPL\_PARTITION\_METHOD\_MISMATCH** The partition method of the replicated table does not match.

**Cause:** Replicated table partition method mismatch.

**Action:** Check the partition method of the replicated table.

**0x31465 ( 201829) qpERR\_ABORT\_QDB\_REPL\_PARTITION\_CONDITION\_MISMATCH** The partition condition of the replicated table does not match. [<0%s>:<1%s>]

**Cause:** Replicated table partition condition mismatch.

**Action:** Check the partition condition of the replicated table.

**0x31466 ( 201830) qpERR\_ABORT\_QDB\_REPL\_PARTITION\_ORDER\_MISMATCH** The partition order of the replicated table does not match. [<0%s>:<1%s>]

**Cause:** Replicated table partition order mismatch.

**Action:** Check the partition order of the replicated table.

**0x31467 ( 201831) qpERR\_ABORT\_QDB\_REPL\_TABLE\_PARTITION\_TYPE\_MISMATCH** The partition type of the replicated table does not match.

**Cause:** Replicated table partition type mismatch.

**Action:** Check the partition type of the replicated table.

**0x31468 ( 201832) qpERR\_ABORT\_QDB\_REPL\_PARTITION\_NAME\_MISMATCH** The partition name of the replicated table does not match. [<0%s>]

**Cause:** Replicated table partition name mismatch.

**Action:** Check the partition name of the replicated table.

**0x31469 ( 201833) qpERR\_ABORT\_QDB\_USING\_TARGET\_NAMES\_PREFIX\_IS\_TOO\_LONG** USING PREFIX clause is too long.

**Cause:** A generated object name is too long or short

**Action:** Give the prefix a shorter name.

**0x3146A ( 201834) qpERR\_ABORT\_QDB\_SWAP\_TABLES\_EXIST\_IN\_SAME\_REPLICATION** The source table and the target table exist in same replication. <0%s>

**Cause:** Swapping DDL does not support the source table and the target table in same replication.

**Action:** Remove the source table or the target table from the replication.

**0x3146B ( 201835) qpERR\_ABORT\_QDB\_COPY\_SWAP\_DIFFERENT\_TABLE\_OWNER** The owners of the source table and the target table are different.

**Cause:** Copying and swapping DDL does not support different table owners.

**Action:** Check the owners of the source table and the target table.

**0x3146C ( 201836) qpERR\_ABORT\_QDB\_DROP\_COL\_UNIQUE\_INDEX\_WITH\_REPLICATED\_TBL** A column contains an unique index that can not be dropped from a replicated table.

**Cause:** A column contains an unique index that can not be dropped from a replicated table.

**Action:** Drop column again after dropping the replication.

**0x3146E ( 201838) qpERR\_ABORT\_QDB\_CANNOT\_ALTER\_REPLACE\_PARTITON\_NONE\_PART** ALTER TABLE REPLACE statement is not allowed on a non partitioned table.

**Cause:** The user tried to execute ALTER TABLE REPLACE statement, but does not support different schema in the partitioned table.

**Action:** Check the partitioning method of the table.

**0x3146F ( 201839) qpERR\_ABORT\_QDB\_REPLACE\_DIFFERENT\_PARTITION** The schema is different between the source partition table and the destination partition table.

**Cause:** The user tried to execute a replace DDL command, but does not support different schema in the partitioned table.

**Action:** Verify that the source and target tables have the same schema.

**0x31473 ( 201843) qpERR\_ABORT\_QDB\_INVALID\_SRID** Cannot change the Spatial Reference ID(SRID).

**Cause:** There is an invalid Spatial Reference ID(SRID) because the specific row has been SRID.

**Action:** Check that a valid Spatial Reference ID(SRID) is being used.

**0x31030 ( 200752) qpERR\_ABORT\_QCV\_NO\_GRANT** You do not have permission to execute the SQL statement.

**Cause:** You do not have permission to execute the SQL statement. (The SYS user can access an arbitrary object in any SQL statement.)

**Action:** Verify that the user has enough permission to execute the SQL statement.

**0x31189 ( 201097) qpERR\_ABORT\_QCV\_NOT\_EXISTS\_USER User not found : <0%s>**

**Cause:** The name of the specified user was not found in the database.

**Action:** Verify that the user exists in the database.

**0x31031 ( 200753) qpERR\_ABORT\_QCV\_NOT\_EXISTS\_TABLE Table not found : <0%s>**

**Cause:** The name of the specified table was not found in the database.

**Action:** Verify that the table exists in the database. Verify that there is no typo in the table name.

**0x31032 ( 200754) qpERR\_ABORT\_QCV\_NOT\_ALLOWED\_HOSTVAR Invalid use of host variables**

**Cause:** A host variable was misused.

**Action:** Verify the position of every host variable.

**0x31033 ( 200755) qpERR\_ABORT\_QCV\_UNSUPPORTED Unsupported function <0%s>**

**Cause:**

- The function is not supported yet.

**Action:**

- No Action

**0x31199 ( 201113) qpERR\_ABORT\_QCV\_DML\_ON\_SEQUENCE Unable to execute DML statements on a sequence. <0%s>**

**Cause:** It is impossible to execute DML statements on a sequence.

**Action:** Specify a table name on which to execute the DML statements.

**0x3127F ( 201343) qpERR\_ABORT\_QCV\_NOT\_PARTITIONED\_TABLE Table is not partitioned : <0%s>**

**Cause:** The table is not partitioned.

**Action:** Verify that the specified table is partitioned.

**0x31035 ( 200757) qpERR\_ABORT\_QDS\_DUPLICATE\_SEQUENCE Duplicate sequence name**

**Cause:** The sequence name already exists in the database.

**Action:** Create a new sequence with a different name.

**0x31036 ( 200758) qpERR\_ABORT\_QDS\_START\_LESS\_MIN START value cannot be less than MIN value.**

**Cause:** The START value cannot be less than the MIN value.

**Action:** Check the START and MIN values.



**0x31037 ( 200759) qpERR\_ABORT\_QDS\_START\_MORE\_MAX START value cannot be greater than MAX value.**

**Cause:** The START value cannot be greater than the MAX value.

**Action:** Check the START and MAX values.

**0x3119B ( 201115) qpERR\_ABORT\_QDS\_CURR\_LESS\_MIN CURRENT value cannot be less than MIN value.**

**Cause:** The CURRENT value cannot be less than the MIN value.

**Action:** Check the CURRENT and MIN values.

**0x3119C ( 201116) qpERR\_ABORT\_QDS\_CURR\_MORE\_MAX CURRENT value cannot be greater than MAX value.**

**Cause:** The CURRENT value cannot be greater than the MAX value.

**Action:** Check the CURRENT and MAX values.

**0x31038 ( 200760) qpERR\_ABORT\_QDS\_MIN\_VALUE MIN value must be less than MAX value.**

**Cause:** The MIN value must be less than the MAX value.

**Action:** Check the MIN and MAX values.

**0x31039 ( 200761) qpERR\_ABORT\_QDS\_CACHE\_VALUE CACHE value must be greater than 1.**

**Cause:** The CACHE value must be greater than 1.

**Action:** Check the CACHE value.

**0x3103A ( 200762) qpERR\_ABORT\_QDS\_INCREMENT\_VALUE INCREMENT value must be a non-zero integer.**

**Cause:** The INCREMENT value must be a non-zero integer.

**Action:** Check the INCREMENT value.

**0x3103B ( 200763) qpERR\_ABORT\_QDS\_INVALID\_INCREMENT\_VALUE INCREMENT value must be less than the difference between MAX and MIN values.**

**Cause:** The INCREMENT value must be less than the difference between the MAX and MIN values.

**Action:** Check the INCREMENT, MAX, and MIN values.

**0x3131C ( 201500) qpERR\_ABORT\_QDS\_OVERFLOW\_MAXVALUE MAXVALUE is greater than internal sequence maximum value (<0%>).**

**Cause:** The MAXVALUE specified for a query was greater than the maximum value allowed for the server.

**Action:** Change the value so that it is less than the maximum and repeat the query.

**0x3131D ( 201501) qpERR\_ABORT\_QDS\_OVERFLOW\_MINVALUE MINVALUE is less than internal sequence minimum value (<0%>).**

**Cause:** The MINVALUE specified for a query was less than the minimum value allowed for the server.

**Action:** Change the value so that it is greater than the minimum and repeat the query.

**0x313D5 ( 201685) qpERR\_ABORT\_QDS\_CANNOT\_ALTER\_SEQ\_TABLE Unable to alter the sequence with sync table option**

**Cause:** Unable to alter the sequence with the sync table option.

**Action:** Change the sync table option of the sequence.

**0x3103C ( 200764) qpERR\_ABORT\_QDR\_NOT\_EXISTS\_USER Undefined user name. The user specified as the owner of a table or an object was not found in the database. <0%s>**

**Cause:** The user specified as the owner of a table or an object was not found in the database.

**Action:** Verify that a user name corresponding to the owner of an object is registered in the database.

**0x3103D ( 200765) qpERR\_ABORT\_QDR\_DUPLICATE\_USER Duplicate user or role names. The user name already exists in the database.**

**Cause:** The user or role name to be created already exists in the database.

**Action:** Use another user or role name.

**0x3136C ( 201580) qpERR\_ABORT\_QDR\_INVALID\_RESOURCE\_LIMIT Internal resource limit exceeded**

**Cause:** A specified value exceeded an internal server limitation.

**Action:** Specify a lower value.

**0x3136D ( 201581) qpERR\_ABORT\_QDR\_PASSWORD\_POLICY\_SYSDBA Only SYS user can change password policy**

**Cause:** Only the SYS user can change password options.

**Action:** Log in as the SYS user and try again.

**0x3136E ( 201582) qpERR\_ABORT\_QDR\_NOT\_ALLOWED\_LOCK Only SYS user can lock users**

**Cause:** Only the SYS user can explicitly lock other users.

**Action:** Log in as the SYS user and try again.

**0x3136F ( 201583) qpERR\_ABORT\_QDR\_COUNT\_LIMIT Internal count limit exceeded**

**Cause:** A specified count value exceeded the internal server limitation of 1000.

**Action:** Specify a count limit less than 1000.

**0x3103F ( 200767) qpERR\_ABORT\_QDD\_DDL\_WITH\_REPLICATED\_TBL No DDL statement may be executed on a replicated table.**

**Cause:** An attempt was made to execute a DDL statement on a replicated table.

**Action:** Verify that the specified table is not replicated.

**0x31040 ( 200768) qpERR\_ABORT\_QDD\_NO\_DROP\_SYS\_USER** It is forbidden to drop the SYS user.

**Cause:** You cannot drop the SYS user.

**Action:** Verify that the specified user name is not SYS.

**0x31041 ( 200769) qpERR\_ABORT\_QDD\_EXIST\_OWN\_OBJECT** The user cannot be dropped because the user still owns one or more objects.

**Cause:** The user to be dropped owns at least one object.

**Action:** Drop every object owned by the user being dropped.

**0x3119E ( 201118) qpERR\_ABORT\_QDD\_DROP\_SYSTEM\_INDEX** The primary key or unique key constraint cannot be dropped using the DROP INDEX statement. Use the ALTER TABLE statement.

**Cause:** The primary key or unique key constraint cannot be dropped using the DROP INDEX statement.

**Action:** Use the ALTER TABLE statement.

**0x311A5 ( 201125) qpERR\_ABORT\_QDD\_NO\_DROP\_META\_TABLE** It is forbidden to execute ALTER, DROP or TRUNCATE TABLE statements on a meta table.

**Cause:** You cannot alter, drop or truncate meta tables.

**Action:** Check the table name.

**0x31280 ( 201344) qpERR\_ABORT\_QDD\_PART\_TABLE\_BELONGS\_TO\_ANOTHER\_USER** Partitioned table belongs to another user

**Cause:** The partitioned table belongs to another user.

**Action:** Drop the partitioned table first, and then retry this statement.

**0x31281 ( 201345) qpERR\_ABORT\_QDD\_PART\_INDEX\_BELONGS\_TO\_ANOTHER\_USER** Partitioned index belongs to another user

**Cause:** The partitioned index belongs to another user.

**Action:** Drop the partitioned index first, and then retry this statement.

**0x312C7 ( 201415) qpERR\_ABORT\_QDD\_DROP\_COL\_PRIMARY\_KEY\_WITH\_REPLICATED\_TBL** It is forbidden to drop a primary key column from a replicated table.

**Cause:** A primary key column cannot be dropped from a replicated table.

**Action:** Drop the replication.

**0x312D7 ( 201431) qpERR\_ABORT\_QDD\_DROP\_COL\_UNIQUE\_KEY\_WITH\_REPLICATED\_TBL** It is forbidden to drop a unique key column from a replicated table.

**Cause:** A unique key cannot be dropped from a replicated table.

**Action:** Drop the replication.

**0x312DA ( 201434) qpERR\_ABORT\_QDD\_INVALID\_STORAGE\_OPTION\_VALUE** invalid <0%> storage option value.

**Cause:** Invalid STORAGE clause option value.

**Action:** Specify a valid option value.

**0x31366 ( 201574) qpERR\_ABORT\_QDD\_DROP\_USER\_DISABLE\_BECAUSE\_TEMP\_TABLE Could not drop user because temporary table in use.**

**Cause:** The user could not be dropped because there are one or more temporary tables based on tables in the user schema.

**Action:** Truncate all temporary tables based on tables in the user schema and try again.

**0x31374 ( 201588) qpERR\_ABORT\_QDD\_NOT\_EXIST\_MVIEW Materialized view not found : <0%s>**

**Cause:** The name of the specified materialized view was not found in the database.

**Action:** Verify that the materialized view exists in the database. Verify that the name of the materialized view was entered correctly.

**0x31042 ( 200770) qpERR\_ABORT\_QDN\_NOT\_EXISTS\_CONSTRAINT Constraint not found.**

**Cause:** The specified constraint name was not found in the database.

**Action:** Verify that the constraint name exists in the SYS\_CONSTRAINTS\_ meta table.

**0x31043 ( 200771) qpERR\_ABORT\_QDN\_NOT\_EXISTS\_UNIQUE\_KEY UNIQUE KEY constraint not found in the table.**

**Cause:** The UNIQUE KEY constraint was not found in the table.

**Action:** Check the UNIQUE KEY constraint in the meta tables.

**0x31044 ( 200772) qpERR\_ABORT\_QDN\_NOT\_EXISTS\_PRIMARY\_KEY PRIMARY KEY constraint not found in the table.**

**Cause:** The PRIMARY KEY constraint was not found in the table.

**Action:** Check the PRIMARY KEY constraint in the meta tables.

**0x31045 ( 200773) qpERR\_ABORT\_QDN\_DUPLICATE\_PRIMARY\_KEY A primary key already exists in the table.**

**Cause:** The table already has a primary key. A table can have only one primary key.

**Action:** If a primary key already exists, drop the key before creating a new one.

**0x31046 ( 200774) qpERR\_ABORT\_QDN\_DUPLICATE\_CONSTRAINT Duplicate constraint name : <0%s>**

**Cause:** The constraint name already exists in the database.

**Action:** If a constraint with the same name already exists, create a constraint with a different name.

**0x31047 ( 200775) qpERR\_ABORT\_QDN\_MAX\_KEY\_COLUMN\_COUNT Too many key columns**

**Cause:** Too many key columns.

**Action:** Reduce the number of columns in the index.

**0x31049 ( 200777) qpERR\_ABORT\_QDN\_REFERENCED\_CONSTRAINT\_NOT\_FOUND Unable to find referenced constraint**

**Cause:** There is no primary key or unique constraint in the referenced column list

**Action:** Verify that a referenced constraint exists in the reference column list.

**0x3104A ( 200778) qpERR\_ABORT\_QDN\_ADD\_COL\_NO\_DEFAULT\_NOTNULL Unable to add NOT NULL constraint to a column without a DEFAULT value**

**Cause:** It is impossible to add a NOT NULL constraint to a column for which a DEFAULT value has not been specified.

**Action:** Remove the NOT NULL constraint from the column specification, or specify a DEFAULT value for the column.

**0x3104B ( 200779) qpERR\_ABORT\_QDN\_DUPLICATE\_CONSTRAINT\_SPEC Unable to create or add a constraint for the column because it already has the same constraint.**

**Cause:** There is at least one similar constraint for the column.

**Action:** Check the constraint definition.

**0x31190 ( 201104) qpERR\_ABORT\_QDN\_NOT\_COMPATIBLE\_TYPE Incompatible data types**

**Cause:** The data types are incompatible.

**Action:** Check the data types.

**0x311C5 ( 201157) qpERR\_ABORT\_QDN\_CANNOT\_DROP\_TIMESTAMP Unable to drop a TIMESTAMP constraint.**

**Cause:** It is impossible to drop a TIMESTAMP constraint.

**Action:** Execute the ALTER TABLE DROP COLUMN statement.

**0x31230 ( 201264) qpERR\_ABORT\_QDN\_SELF\_REFERENCE\_NOT\_SUPPORTED Self referential constraints are not supported yet.**

**Cause:** Self referential constraints are not supported.

**Action:** Check the SQL statement.

**0x31238 ( 201272) qpERR\_ABORT\_QDN\_MISMATCHED\_REFERENCING\_COLUMN\_COUNT Number of referencing columns must match number of referenced columns.**

**Cause:** The number of referencing columns that you listed did not match the primary key or unique key.

**Action:** Check the referencing columns that you listed.

**0x31282 ( 201346) qpERR\_ABORT\_QDN\_NOT\_EXISTS\_LOCAL\_UNIQUE\_KEY LOCAL UNIQUE KEY constraint not found in the table.**

**Cause:** The LOCAL UNIQUE KEY constraint was not found in the table.

**Action:** Check the LOCAL UNIQUE KEY constraint in the meta tables.

**0x31291 ( 201361)**

**qpERR\_ABORT\_QDN\_CANNOT\_CREATE\_LOCAL\_UNIQUE\_KEY\_CONSTR\_ON\_NON\_PART\_TABLE Cannot create a local unique key constraint for a non-partitioned table.**

**Cause:** A local unique key constraint cannot be created on a non partitioned table.

**Action:** Check the partitioning method of the table.

**0x312C8 ( 201416) qpERR\_ABORT\_QDN\_ADD\_COL\_FOREIGN\_KEY\_WITH\_REPLICATED\_TBL It is forbidden to add a foreign key column to a replicated table.**

**Cause:** A foreign key column cannot be added to a replicated table.

**Action:** Drop the replication.

**0x31323 ( 201507) qpERR\_ABORT\_QDN\_NOT\_SUPPORTED\_CONSTR\_STATE This kind of constraint does not permit this constraint state. <0%s>**

**Cause:** A constraint does not allow this constraint state.

**Action:** Specify a constraint state that is permissible for this constraint.

**0x31361 ( 201569)**

**qpERR\_ABORT\_QDN\_CANNOT\_CREATE\_FOREIGN\_KEY\_ON\_TEMPORARY\_TABLE Cannot create a referential constraint for a temporary table.**

**Cause:** A foreign key was specified in a temporary table creation statement.

**Action:** Do not attempt to specify a foreign key when creating a temporary table.

**0x31390 ( 201616) qpERR\_ABORT\_QDN\_NOT\_SUPPORT\_LOB\_COLUMN\_IN\_CHECK\_CONSTRAINT Unsupported use of LOB column in a CHECK constraint <0%s>**

**Cause:** One or more LOB columns were referenced in a CHECK constraint.

**Action:** Remove the LOB column(s) from the CHECK constraint.

**0x31391 ( 201617) qpERR\_ABORT\_QDN\_INVALID\_CHECK\_CONSTRAINT\_EXPRESSION Invalid check constraint <0%s> expression**

**Cause:** The check constraint expression is incorrect.

**Action:** Check the check constraint expression.

**0x31392 ( 201618) qpERR\_ABORT\_QDN\_VIOLATE\_CHECK\_CONSTRAINT Check constraint <0%s> violated**

**Cause:** Some rows do not conform to the check constraint's requirements.

**Action:** Check all rows that are related to the check constraint.

**0x313FB ( 201723)****qpERR\_ABORT\_QDN\_NOT\_SUPPORT\_CONSTRAINT\_IN\_COMPRESSED\_COLUMN****Unable to create or add the constraint for the compressed column. <0%s>****Cause:** The user tried to create a primary key, a unique key or a timestamp constraint on the compressed column.**Action:** Do not create a primary key, a unique key or a timestamp constraint on the compressed column.**0x31415 ( 201749) qpERR\_ABORT\_QDN\_NOT\_ALLOW\_MEM\_TBS\_PK\_UK\_OF\_GLOBAL\_INDEX A primary key or unique key constraint can be defined for a non-partitioned index on a disk partitioned table.****Cause:** A primary key or unique key constraint can be defined for a non-partitioned index on a disk partitioned table.**Action:** Do define a primary key or unique key constraint for a non-partitioned index on a disk partitioned table.**0x3104C ( 200780) qpERR\_ABORT\_QDX\_DUPLICATE\_INDEX Duplicate index name****Cause:** The specified index name already exists in the database.**Action:** Create a new index with a different name.**0x3104D ( 200781) qpERR\_ABORT\_QDX\_CRT\_IDX\_ON\_REPLICATED\_TBL It is forbidden to create an index in a replicated table.****Cause:** An index cannot be created on a replicated table.**Action:** Drop the replication.**0x3104F ( 200783) qpERR\_ABORT\_QDX\_INVALID\_KEY\_FIELD\_COUNT Too many columns for a composite index.****Cause:** It is impossible to create an index having more columns than the maximum number of key columns in a composite index.**Action:** Check the number of key columns in the composite index.**0x31051 ( 200785) qpERR\_ABORT\_QDX\_DUPLICATE\_INDEX\_COLS Duplicate key columns in an index****Cause:** Duplicate columns exist in the description of an index.**Action:** Create a new index with a different description.**0x3123C ( 201276) qpERR\_ABORT\_QDX\_INVALID\_INDEX\_COLS Invalid key columns in an index****Cause:** Invalid key columns in an index. It is not permitted to create an unique or composite index if the type of a column is geometry.**Action:** Check the key columns.**0x31237 ( 201271) qpERR\_ABORT\_QDX\_CANNOT\_CREATE\_INDEX\_DATATYPE cannot create index in the data type.****Cause:** The user tried to create an index in the specified data type.

**Action:** Do not create an index in the specified data type.

**0x31283 ( 201347)**

**qpERR\_ABORT\_QDX\_NOT\_ALLOWED\_PRIMARY\_AND\_UNIQUE\_KEY\_OF\_NONE\_PREFIXED\_INDEX**  
**Unable**  
**to create a primary key or a unique key constraint in the local non-prefixed**  
**index.**

**Cause:** The user tried to create a primary key or a unique key constraint in the local prefixed index.

**Action:** Do not create a primary key or a unique key constraint in the local non-prefixed index.

**0x31284 ( 201348)**

**qpERR\_ABORT\_QDX\_CANNOT\_SPECIFY\_TBS\_OF\_LOCAL\_PARTITIONED\_INDEX** cannot specify  
**tablespace of partitioned index. <0%s>**

**Cause:** The tablespace cannot be specified for a partitioned index.

**Action:** Check the position of the tablespace.

**0x31285 ( 201349) qpERR\_ABORT\_QDX\_INVALID\_INDEX\_PARTITION\_COUNT** Too many index  
**partitions.**

**Cause:** Too many index partitionsYou can create only the number of partitions less than or equal to that of the table partitions.

**Action:** Check the number of index partitions.

**0x31286 ( 201350) qpERR\_ABORT\_QDX\_CANNOT\_CREATE\_PART\_INDEX\_ON\_NONE\_PART\_TABLE**  
**cannot create a partitioned index in a non-partitioned table.**

**Cause:** Partitioned indexes cannot be created on non partitioned tables.

**Action:** Check the partitioning method of the table.

**0x31287 ( 201351)**

**qpERR\_ABORT\_QDX\_CANNOT\_ALTER\_INDEX\_REBUILD\_ON\_NONE\_PART\_INDEX** cannot alter  
**the**  
**index rebuild for a non-partitioned index.**

**Cause:** The index rebuild cannot be altered for a non partitioned table.

**Action:** Check the partitioning method of the table.

**0x31288 ( 201352) qpERR\_ABORT\_QDX\_NOT\_EXIST\_INDEX\_PARTITION** The index  
**partition does not exist.**

**Cause:** The index partition does not exist.

**Action:** Check the name of the index partition.

**0x31289 ( 201353) qpERR\_ABORT\_QDX\_CANNOT\_CREATE\_NONE\_PART\_INDEX\_ON\_PART\_TABLE**  
**cannot create a non-partitioned index in a partitioned table.**

**Cause:** A non partitioned index cannot be created on a partitioned table.

**Action:** Check the partitioning method of the table.



**0x3129A ( 201370) qpERR\_ABORT\_QDX\_NON\_DISK\_INDEX\_LOGGING\_OPTION LOGGING and NOLOGGING options are only allowed for a disk B-Tree index.**

**Cause:** The LOGGING or NOLOGGING option was used for a non disk B-Tree index.

**Action:** Create an index without using the LOGGING or NOLOGGING options.

**0x312C9 ( 201417) qpERR\_ABORT\_QDX\_NON\_MEMORY\_INDEX\_PERSISTENT\_OPTION The PERSISTENT option is only allowed for a memory B-Tree index.**

**Cause:** The PERSISTENT option was used for a non memory B-Tree index.

**Action:** Create an index without the PERSISTENT option.

**0x31364 ( 201572) qpERR\_ABORT\_QDX\_TEMPORARY\_INDEX\_NOT\_ALLOW\_TBS\_NAME Cannot specify tablespace when creating a temporary table index**

**Cause:** An attempt was made to specify a tablespace when creating a temporary table index.

**Action:** Do not attempt to specify a tablespace when creating a temporary table index.

**0x31398 ( 201624) qpERR\_ABORT\_QDX\_CANNOT\_SPECIFY\_INDEX\_PARTITION Cannot specify local index partition for non-partitioned index**

**Cause:** Cannot specify a local index partition for non-partitioned index.

**Action:** Remove the local index partition reference.

**0x3139B ( 201627) qpERR\_ABORT\_QDX\_NOT\_SUPPORT\_LOB\_COLUMN LOB column is not supported for a function-based index. <0%s>**

**Cause:** LOB columns are not supported for a function-based index.

**Action:** Remove any LOB column expression.

**0x3139C ( 201628) qpERR\_ABORT\_QDX\_NOT\_SUPPORT\_ENCRYPTED\_COLUMN Encrypted column is not supported for a function-based index. <0%s>**

**Cause:** Encrypted columns are not supported for a function-based index.

**Action:** Remove any encrypted column expression.

**0x313D0 ( 201680)**

**qpERR\_ABORT\_QDX\_CANNOT\_CREATE\_NONE\_PART\_INDEX\_ON\_MEM\_PART\_TABLE A non-partitioned index can be created on a disk partitioned table.**

**Cause:** A non-partitioned index can be created on a disk partitioned table.

**Action:** Check whether the table is a disk partitioned table.

**0x31411 ( 201745) qpERR\_ABORT\_QDX\_CREATE\_HIDDEN\_COLUMN\_WITH\_REPLICATED\_TBL Unable to create a function-based index on a replicated table.**

**Cause:** Cannot create a function-based index on a replicated table.

**Action:** Drop the replication object.

**0x31412 ( 201746) qpERR\_ABORT\_QDX\_DROP\_HIDDEN\_COLUMN\_WITH\_REPLICATED\_TBL Unable to drop a function-based index from a replicated table.**

**Cause:** Cannot drop a function-based index from a replicated table.

**Action:** Drop the replication object.

**0x31419 ( 201753) qpERR\_ABORT\_QDX\_CANNOT\_CREATE\_PARTITIONED\_INDEX Cannot create a partitioned index.**

**Cause:** The partitioned index does not have a partition key column.

**Action:** Set a partition key on the index key column, or create a localunique index

**0x31454 ( 201812)**

**qpERR\_ABORT\_QDX\_NON\_MEMORY\_BTREE\_INDEX\_REORGANIZATION\_OPTION**

**The reorganization option is only allowed for a memory B-Tree index.**

**Cause:** The reorganization option was used for a non memory B-Tree index.

**Action:** Remove the reorganization option from a non memory B-Tree index.

**0x31053 ( 200787) qpERR\_ABORT\_QMV\_NOT\_ENOUGH\_INSERT\_VALUES Not enough insert values**

**Cause:** The number of columns is not equal to the number of values.

**Action:** Verify that the same number of columns and values are specified.

**0x31054 ( 200788) qpERR\_ABORT\_QMV\_TOO\_MANY\_INSERT\_VALUES Too many insert values**

**Cause:** The number of columns is not equal to the number of values.

**Action:** Verify that the same number of columns and values are specified.

**0x31055 ( 200789) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_PRIMARY\_KEY\_UPDATE The primary key of a table cannot be updated when the table is used for replication.**

**Cause:** The user tried to update the primary key of a table that was used for replication.

**Action:** Verify that the table is not used for replication.

**0x31056 ( 200790) qpERR\_ABORT\_QMV\_NOT\_NULL\_CONSTRAINT Unable to insert (or update) NULL into a NOT NULL column.**

**Cause:** It is impossible to insert or update a NULL value into a NOT NULL column.

**Action:** Drop the NOT NULL constraint or verify that the values to be inserted or updated are not NULL values.

**0x31057 ( 200791) qpERR\_ABORT\_QMV\_DML\_ON\_CLOSED\_TABLE This table is not in memory. <0%s>**

**Cause:** This table is not in memory.

**Action:** Execute the ALTER TABLE OPEN statement.

**0x31058 ( 200792) qpERR\_ABORT\_QMV\_NOT\_EXISTS\_COLUMN Column not found <0%s>**

**Cause:** The specified column was not found in the table.

**Action:** Verify that the column name is correct.

**0x31059 ( 200793) qpERR\_ABORT\_QMV\_COLUMN\_AMBIGUOUS\_DEF Ambiguous column name: <0%s>**

**Cause:** Two or more tables to be selected have columns with the same name.

**Action:** Specify column names explicitly, such as 'table\_name.column\_name'.

**0x3105A ( 200794) qpERR\_ABORT\_QMV\_NOT\_EXISTS\_ALIAS The specified alias name was not found in the target list. <0%s>**

**Cause:** The specified alias name was not found in the target list.

**Action:** Check the alias names in the target list.

**0x3105B ( 200795) qpERR\_ABORT\_QMV\_DUPLICATE\_ALIAS Duplicate alias names were found in the target list. <0%s>**

**Cause:** Duplicate alias names were found in the target list.

**Action:** Check the alias names in the target list.

**0x3105C ( 200796) qpERR\_ABORT\_QMV\_NO\_GROUP\_EXPRESSION Not a group expression in the target list**

**Cause:** If the SELECT statement includes a GROUP BY clause, only group expressions can be used in the target list.

**Action:** Verify only the expressions in the GROUP BY clause are used in the SELECT, WHERE, and ORDER BY clauses.

**0x3105D ( 200797) qpERR\_ABORT\_QMV\_NO\_SELECTED\_EXPRESSION Only the expressions in the target list can appear in the ORDER BY clause.**

**Cause:** One or more expressions in the ORDER BY clause are not in the target list.

**Action:** Verify that the target list has every expression used in the ORDER BY clause.

**0x3105E ( 200798) qpERR\_ABORT\_QMV\_INVALID\_POSITION\_IN\_ORDERBY Invalid position value in ORDER BY clause.**

**Cause:** The position value is greater than the number of expressions in the target list.

**Action:** Verify that the position value is less than or equal to the number of expressions in the target list.

**0x3105F ( 200799) qpERR\_ABORT\_QMV\_INVALID\_ORDERBY\_EXP\_WITH\_SET Invalid expression in ORDER BY clause. <0%s>**

**Cause:** An invalid expression was found in the ORDER BY clause.

**Action:** Check the ORDER BY clause.

**0x31060 ( 200800) qpERR\_ABORT\_QMV\_CANNOT\_USE\_AGG Invalid use of aggregate function. An aggregate function such as COUNT, MIN, MAX, SUM or AVG was used in a clause in which it is not allowed.**

**Cause:** An aggregate function takes another aggregate function as an argument. An aggregate function such as COUNT, MIN, MAX, SUM or AVG is used on a clause where it is forbidden.

**Action:** Verify the positions of aggregate functions in the SQL statement. Verify that no aggregate function is used in a SQL statement that has no GROUP BY clause.

**0x31061 ( 200801) qpERR\_ABORT\_QCV\_NOT\_ALLOWED\_AGGREGATION An aggregate function is not allowed here. <0%s>**

**Cause:** An aggregate function cannot be used here.

**Action:** Check all aggregate functions.

**0x31062 ( 200802) qpERR\_ABORT\_QMV\_MISMATCH\_TARGET\_COUNT Mismatched number of expressions in the target lists of SELECT statements for a SET query**

**Cause:** The number of expressions in target lists of SELECT statements for a SET differ from one another.

**Action:** Count the number of expressions in each target list of SELECT statements in the SET query.

**0x31063 ( 200803) qpERR\_ABORT\_QMV\_INVALID\_TABLE\_NAME Invalid table name <0%s>**

**Cause:** A table name that is not listed in the FROM clause was used.

**Action:** Check the FROM clause.

**0x31064 ( 200804) qpERR\_ABORT\_QMV\_GROUP\_ON\_FORUPDATE A GROUP BY or HAVING clause is not allowed in a SELECT FOR UPDATE statement.**

**Cause:** Violation of SELECT FOR UPDATE restrictions.

**Action:** Do not use a GROUP BY or HAVING clause.

**0x31065 ( 200805) qpERR\_ABORT\_QMV\_AGGREGATE\_ON\_FORUPDATE Aggregate functions are not allowed in SELECT FOR UPDATE statements.**

**Cause:** Violation of SELECT FOR UPDATE restrictions.

**Action:** Do not use aggregate functions.

**0x31066 ( 200806) qpERR\_ABORT\_QMV\_DISTINCT\_SETFUNCTION\_ON\_FORUPDATE DISTINCT, UNION, UNION ALL, INTERSECT and MINUS are not allowed in SELECT FOR UPDATE statements.**

**Cause:** Violation of SELECT FOR UPDATE restrictions.

**Action:** Do not use DISTINCT or set functions.

**0x31235 ( 201269) qpERR\_ABORT\_QMV\_JOIN\_ON\_FORUPDATE JOIN is not allowed in SELECT FOR UPDATE statements.**

**Cause:** Violation of SELECT FOR UPDATE restrictions.

**Action:** Do not use the JOIN operation.

**0x31067 ( 200807) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_WITH\_ORDER\_BY** A sequence cannot be used in a **SELECT** statement with an **ORDER BY** clause. <0%s>

**Cause:** A sequence cannot be used in a **SELECT** statement having an **ORDER BY** clause.

**Action:** Remove the sequence or the **ORDER BY** clause.

**0x31068 ( 200808) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_WITH\_GROUP\_BY** A sequence cannot be used in a **SELECT** statement that has a **GROUP BY** or **HAVING** clause or aggregate functions. <0%s>

**Cause:** A sequence cannot be used in a **SELECT** statement having a **GROUP BY** or **HAVING** clause or aggregate functions.

**Action:** Remove the aggregate functions, the **GROUP BY** or **HAVING** clause, or the sequence.

**0x31069 ( 200809) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_WITH\_DISTINCT** A sequence cannot be used in a **SELECT** statement that has a **DISTINCT** clause. <0%s>

**Cause:** A sequence cannot be used in a **SELECT** statement having a **DISTINCT** clause.

**Action:** Remove the sequences or the **DISTINCT** option.

**0x3106A ( 200810) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_WITH\_SET** A sequence cannot be used in a **SELECT** statement that has a **UNION**, **UNION ALL**, **INTERSECT**, or **MINUS** operation. <0%s>

**Cause:** A sequence cannot be used in **SELECT** statements that contain **UNION**, **UNION ALL**, **INTERSECT**, or **MINUS** operations.

**Action:** Remove the sequences or **SET** operation.

**0x3106B ( 200811) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_IN\_VIEW** A sequence cannot be used in a view. <0%s>

**Cause:** A sequence cannot be used in a view.

**Action:** Remove the sequences.

**0x3106C ( 200812) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_IN\_SUBQUERY** A sequence cannot be used in a subquery. <0%s>

**Cause:** A sequence cannot be used in a subquery.

**Action:** Remove the sequences.

**0x3106D ( 200813) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_IN\_WHERE** A sequence cannot be used in a **WHERE** clause. <0%s>

**Cause:** A sequence cannot be used in a **WHERE** clause.

**Action:** Remove the sequences.

**0x3106E ( 200814) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_IN\_DEFAULT** A sequence cannot be used as a **DEFAULT** constraint in a **CREATE** or **ALTER TABLE** statement. <0%s>

**Cause:** A sequence cannot be used as a **DEFAULT** constraint in a **CREATE** or **ALTER TABLE** statement.

**Action:** Remove the sequences.

**0x3106F ( 200815) qpERR\_ABORT\_QMV\_NESTED\_AGGR\_WITHOUT\_GROUP Unable to use a nested aggregate function without a GROUP BY clause.**

**Cause:** A nested aggregate function cannot be used without a GROUP by clause.

**Action:** Use a GROUP BY clause with the nested aggregate function.

**0x31070 ( 200816) qpERR\_ABORT\_QMV\_TOO\_DEEPLY\_NESTED\_AGGR Aggregate function nested too deeply**

**Cause:** Aggregate function nested too deeply.

**Action:** Nest an aggregate function to only one layer.

**0x3140C ( 201740) qpERR\_ABORT\_QMV\_NOT\_SUPPORT\_NESTED\_AGGR Unsupported use of nested aggregate function with GROUPING SETS clause.**

**Cause:** A nested aggregate function was used with the GROUPING SETS clause.

**Action:** Use the GROUPING SETS clause without the nested aggregate function.

**0x31071 ( 200817) qpERR\_ABORT\_QMV\_TYPE\_MISMATCH\_IN\_SET Type mismatch error in SET.**

**Cause:** One or more of the target types are incompatible with one another.

**Action:** Verify that the type of every target in SET is correct.

**0x31072 ( 200818) qpERR\_ABORT\_QMV\_DUP\_COLUMN\_IN\_SET Duplicate columns specified in a SET clause.**

**Cause:** One column is specified more than once in a SET clause.

**Action:** Verify that the target column name appears only once in a SET clause.

**0x31193 ( 201107) qpERR\_ABORT\_QMV\_NOT\_APPLICABLE\_TYPE\_IN\_TARGET Inapplicable data type in target list <0%s>**

**Cause:** Inapplicable data type in target list.

**Action:** Remove targets that are of the BOOLEAN or LIST data types.

**0x311A0 ( 201120) qpERR\_ABORT\_QMV\_HIERARCHICAL\_WITH\_JOIN A hierarchical query cannot have a join operation <0%s>.**

**Cause:** A hierarchical query cannot have a join operation.

**Action:** Use the hierarchical query only on a base table.

**0x311A1 ( 201121) qpERR\_ABORT\_QMV\_HIERARCHICAL\_WITH\_VIEW Hierarchical queries are not allowed for created views or inline views <0%s>.**

**Cause:** A hierarchical query can be used only on a physical table.

**Action:** Use a hierarchical query only on a physical table. Remove all inline views from hierarchical queries.

**0x311A2 ( 201122) qpERR\_ABORT\_QMV\_SUBQ\_IN\_CONNECTBY A CONNECT BY clause cannot include a subquery <0%s>.**

**Cause:** A CONNECT BY clause cannot include a subquery.

**Action:** Remove the subquery from the CONNECT BY clause.

**0x311A3 ( 201123) qpERR\_ABORT\_QMV\_PRIOR\_WITHOUT\_CONNECTBY PRIOR cannot be specified without a CONNECT BY clause <0%s>.**

**Cause:** PRIOR cannot be specified without a CONNECT BY clause.

**Action:** Specify a CONNECT BY clause.

**0x311D5 ( 201173) qpERR\_ABORT\_QMV\_NOT\_PREDICATE Not a predicate <0%s>.**

**Cause:** A predicate was not specified.

**Action:** Specify a predicate.

**0x31201 ( 201217) qpERR\_ABORT\_PSM\_NOT\_IN\_SERVICE\_PHASE A stored function or procedure can be invoked only in the SERVICE phase <0%s>.**

**Cause:** A stored function or procedure can be invoked only in the SERVICE phase.

**Action:** Do not use stored functions or procedures in phases other than the SERVICE phase.

**0x31205 ( 201221) qpERR\_ABORT\_QMV\_MOVE\_SAME\_TABLE It is forbidden to execute a MOVE statement on the same table.**

**Cause:** The user tried to execute a MOVE statement on the same table.

**Action:** Do not execute a MOVE statement on the same table.

**0x31239 ( 201273) qpERR\_ABORT\_QMV\_NOT\_APPLICABLE\_TYPE\_IN\_ORDER\_BY Inapplicable data type in ORDER BY clause <0%s>**

**Cause:** An inapplicable data type was specified in an ORDER BY clause.

**Action:** Do not use BOOLEAN or LIST type data for ORDER BY clauses.

**0x3123A ( 201274) qpERR\_ABORT\_QMV\_NOT\_APPLICABLE\_TYPE\_IN\_GROUP\_BY Inapplicable data type in GROUP BY clause <0%s>**

**Cause:** An inapplicable data type was specified in a GROUP BY clause.

**Action:** Do not use BOOLEAN or LIST type data for GROUP BY clauses.

**0x3123B ( 201275) qpERR\_ABORT\_QMV\_NOT\_ALLOWED\_HOSTVAR Invalid use of host variables <0%s>**

**Cause:** A host variable was misused.

**Action:** Set the specified data type using a CAST operator.

**0x31246 ( 201286) qpERR\_ABORT\_QMV\_NOT\_ALLOWED\_INCOMPARABLE\_DATA\_TYPE Incomparable data types (GEOMETRY,LOB) cannot be used in ORDER BY, GROUP BY, HAVING and CONNECT BY clauses.**

**Cause:** Incomparable data types (GEOMETRY,LOB) cannot be used in ORDER BY, GROUP BY, HAVING and CONNECT BY clauses.

**Action:** Do not use incomparable data types (GEOMETRY,LOB) in GROUP BY and CONNECT BY clauses.

**0x3123D ( 201277) qpERR\_ABORT\_QMV\_USE\_INCOMPARABLE\_DATA\_TYPE\_WITH\_SET** An incomparable data type (GEOMETRY,LOB) cannot be used in a SELECT statement that contains a UNION, INTERSECT, or MINUS operation. <0%s>

**Cause:** An incomparable data type (GEOMETRY,LOB) cannot be used in a SELECT statement that contains a UNION, INTERSECT, or MINUS operation.

**Action:** Do not use incomparable data types (GEOMETRY,LOB) in SET operations.

**0x3123E ( 201278) qpERR\_ABORT\_QMV\_USE\_INCOMPARABLE\_DATA\_TYPE\_WITH\_DISTINCT** An incomparable data type (GEOMETRY,LOB) cannot be used in a SELECT statement that has a DISTINCT clause.

**Cause:** An incomparable data type (GEOMETRY,LOB) cannot be used in a SELECT statement having a DISTINCT clause.

**Action:** Do not use incomparable data types (GEOMETRY,LOB) with the DISTINCT option.

**0x3124E ( 201294) qpERR\_ABORT\_QMV\_USE\_SEQUENCE\_IN\_ON\_JOIN\_CONDITION** A sequence cannot be used in an ON JOIN CONDITION clause. <0%s>

**Cause:** A sequence cannot be used in an ON JOIN CONDITION clause.

**Action:** Remove the sequences.

**0x3128A ( 201354) qpERR\_ABORT\_QMV\_INVALID\_PARTITION\_KEY\_INSERT** Inserted partition key is not mapped to any partition.

**Cause:** An attempt was made to insert a record into a Range or Composite Range object having a concatenated partition key that is beyond the concatenated partition bound list of the last partition -OR- An attempt was made to insert a record into a List object having a partition key that did not match the literal values specified for any of the partitions.

**Action:** Do not insert the key. Alternatively, add a partition capable of accepting the key, or add values matching the key to a partition specification.

**0x31296 ( 201366) qpERR\_ABORT\_QMV\_USE\_ROWNUM\_IN\_DML** ROWNUM pseudo column not supported in DML statements. <0%s>

**Cause:** The ROWNUM pseudo column is not supported in DML statements.

**Action:** Remove the ROWNUM.

**0x31298 ( 201368) qpERR\_ABORT\_QMV\_USE\_ROWNUM\_IN\_START\_WITH** ROWNUM pseudo column not supported in START WITH clauses. <0%s>

**Cause:** The ROWNUM pseudo column is not supported in START WITH clauses.

**Action:** Remove the ROWNUM.

**0x31299 ( 201369) qpERR\_ABORT\_QMV\_USE\_ROWNUM\_IN\_CONNECT\_BY** ROWNUM pseudo column not supported in CONNECT BY clauses. <0%s>

**Cause:** The ROWNUM pseudo column is not supported in CONNECT BY clauses.



**Action:** Remove the ROWNUM.

**0x312AC ( 201388) qpERR\_ABORT\_QMV\_NOT\_ALLOWED\_DATABASE\_OBJECTS Table, View or Sequence reference not allowed in this context. <0%s>**

**Cause:** A reference to a database table, view, or sequence was found in an inappropriate context. Such references can appear only in SQL statements.

**Action:** Remove or relocate the illegal reference.

**0x312BA ( 201402) qpERR\_ABORT\_QMV\_COLUMN\_NOT\_ALLOWED\_HERE Column not allowed here: <0%s>**

**Cause:** A column name was used in an expression in which it is not permitted, such as in the VALUES clause of an INSERT or ENQUEUE statement.

**Action:** Check the syntax of the statement and use column names only where appropriate.

**0x3133C ( 201532) qpERR\_ABORT\_REACHED\_MAX\_SET\_OP\_RECURSION\_DEPTH Too many consecutive set operations.**

**Cause:** The query could not be validated because there were too many consecutive set operations (union, intersect, minus, ... ).

**Action:** Try to group set operations using parentheses.

**0x31341 ( 201537) qpERR\_ABORT\_MISMATCHED\_VALUE\_TYPE The column type and the value type are mismatched.**

**Cause:** The column type and the value type are mismatched.

**Action:** Check the column specification.

**0x31342 ( 201538) qpERR\_ABORT\_QMV\_NOT\_PIVOT\_AGGREGATION Non-aggregate functions used in pivot operation**

**Cause:** Something other than an aggregate function was specified in the PIVOT clause.

**Action:** Ensure that only aggregate functions are specified in the PIVOT clause.

**0x31343 ( 201539) qpERR\_ABORT\_QMV\_AMBIGUOUS\_PIVOT\_COLUMN Duplicate column names**

**Cause:** The pivot operation resulted in multiple columns having the same name.

**Action:** Specify aliases in the PIVOT clause to prevent the generation of duplicate column names.

**0x31344 ( 201540) qpERR\_ABORT\_QMV\_INVALID\_PIVOT\_FOR\_IN\_COUNT Mismatched number of PIVOT FOR elements and PIVOT IN subelements**

**Cause:** The number of elements in the PIVOT FOR clause is not the same as the number of subelements in each element in the PIVOT IN clause.

**Action:** Ensure that the number of PIVOT FOR elements is the same as the number of PIVOT IN subelements.

**0x3142D ( 201773) qpERR\_ABORT\_QMV\_INVALID\_UNPIVOT\_ARGUMENT Invalid number of arguments for the UNPIVOT clause**

**Cause:** The number of arguments for the UNPIVOT clause is invalid.

**Action:** Verify that the correct number of arguments have been input for the UNPIVOT clause.

**0x3142E ( 201774) qpERR\_ABORT\_QMV\_INVALID\_UNPIVOT\_COLUMN Unable to find the specified column name in the unpivoted table. <0%s>**

**Cause:** The specified column name was not found in the unpivoted table.

**Action:** Verify that the column name is correct.

**0x31345 ( 201541) qpERR\_ABORT\_QMV\_CANNOT\_USE\_DEFAULT\_IN\_VIEW The view creation attempt failed because a default column value was specified.**

**Cause:** An attempt was made to specify a default column value when creating or replacing a view.

**Action:** Do not use the DEFAULT clause in view creation statements.

**0x31353 ( 201555) qpERR\_ABORT\_QMV\_NOT\_APPLICABLE\_OPERATOR\_IN\_TARGET Invalid operator in SELECT list. <0%s>**

**Cause:** The SELECT list contains an operator that cannot be used in the SELECT list.

**Action:** Remove operators such as the outer join operator from the SELECT list.

**0x31354 ( 201556) qpERR\_ABORT\_QMV\_OUTER\_JOINED\_TO\_SUBQUERY A column cannot be outer-joined to a subquery. <0%s>**

**Cause:** A column was outer-joined to a subquery.

**Action:** Rewrite the query to avoid outer-joining a column to a subquery.

**0x31355 ( 201557) qpERR\_ABORT\_QMV\_NOT\_ALLOWED\_IN\_OPERAND\_OR Outer join operator not allowed in OR or IN condition. <0%s>**

**Cause:** The outer join operator was used in an operand of an OR or IN condition.

**Action:** Avoid using the outer join operator in OR and IN conditions.

**0x31356 ( 201558) qpERR\_ABORT\_QMV\_NOT\_ALLOWED\_WITH\_ANSI\_JOIN The outer join operator cannot be used with ANSI joins. <0%s>**

**Cause:** The outer join operator was used with an ANSI join.

**Action:** Avoid using the outer join operator with ANSI joins.

**0x31357 ( 201559) qpERR\_ABORT\_QMV\_TOO\_MANY\_REFERENCE\_OUTER\_JOINED\_TABLE A predicate may reference only one outer-joined table. <0%s>**

**Cause:** The outer join operator was used with more than one table in a predicate.

**Action:** Use the outer join operator with only one table in a predicate.

**0x31358 ( 201560) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_JOIN\_OPER\_WITH\_NON\_COLUMN** The outer join operator can only be used with columns. <0%s>

**Cause:** An attempt was made to use the outer join operator with something other than a column.

**Action:** Verify that the outer join operator is used only with columns.

**0x31359 ( 201561) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_OUTER\_JOIN\_EACH\_OTHER** A table cannot be outer-joined to itself. <0%s>

**Cause:** The outer join operator was used in a WHERE clause in which a table is compared with itself.

**Action:** Avoid using the outer join operator in a predicate in which a table is compared with itself.

**0x3135A ( 201562) qpERR\_ABORT\_QMV\_INVALID\_OPERATION\_WITH\_LISTS** The outer join operator can't be used in a list. <0%s>

**Cause:** The outer join operator was used in a list that was compared with a list in an IN(ANY,ALL) condition.

**Action:** When comparing a list that includes an outer join with an IN(ANY,ALL) condition, the IN(ANY,ALL) condition can contain only one member.

**0x3135B ( 201563) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_OUTER\_JOIN\_INAPPROPRIATE\_TABLE** Invalid table used with outer join operator in subquery. <0%s>

**Cause:** The outer join operator was used in a subquery predicate with a main query select list table.

**Action:** Avoid using the outer join operator in a subquery predicate with a main query select list table.

**0x3135C ( 201564)**

**qpERR\_ABORT\_QMV\_MAYBE\_OUTER\_JOINED\_TO\_AT\_MOST\_ONE\_OTHER\_TABLE** A table can be outer joined to at most one other table. <0%s>

**Cause:** A table is outer joined to more than one other table.

**Action:** Avoid outer joining a table to more than one other table.

**0x3135D ( 201565) qpERR\_ABORT\_QMV\_OUTER\_JOIN\_OPERATOR\_NOT\_ALLOW\_NOCNF** The outer join operator can only be used with CNF (Conjunctive Normal Form).

**Cause:** The outer join operator was not used with CNF (Conjunctive Normal Form).

**Action:** Change the NORMALFORM\_MAXIMUM property to a larger value using the ALTER SESSION command.

**0x3134B ( 201547) qpERR\_ABORT\_QMV\_NOT\_SUPPORT\_SUBQUERY** Unsupported use of subquery in RETURNING INTO clause

**Cause:** A subquery was used in a RETURNING INTO clause.

**Action:** Remove the subquery from the RETURNING INTO clause.

**0x3134C ( 201548) qpERR\_ABORT\_QMV\_NOT\_SUPPORT\_LOB\_COLUMN Unsupported use of LOB column in RETURNING INTO clause**

**Cause:** One or more LOB columns were referenced in a RETURNING INTO clause.

**Action:** Remove the LOB column(s) from the RETURNING INTO clause.

**0x3134D ( 201549) qpERR\_ABORT\_QMV\_NOT\_RETURN\_ALLOWED\_HOSTVAR Invalid use of host variable**

**Cause:** One or more host variables were referenced after the RETURNING keyword.

**Action:** Use host variables only after the INTO keyword.

**0x3134E ( 201550) qpERR\_ABORT\_QMV\_NOT\_SAME\_COLUMN\_RETURN\_INTO Mismatched number of RETURNING expressions and host variables**

**Cause:** The number of expressions after the RETURNING keyword did not match the number of host variables.

**Action:** Ensure that the number of expressions after the RETURNING keyword matches the number of host variables.

**0x3134F ( 201551) qpERR\_ABORT\_QMV\_SEQUENCE\_NOT\_ALLOWED Invalid use of sequence**

**Cause:** One or more sequences were referenced in a RETURNING INTO clause.

**Action:** Remove the sequence(s) from the RETURNING INTO clause.

**0x31375 ( 201589) qpERR\_ABORT\_QMV\_NO\_GRANT\_DML\_PRIV\_OF\_MVIEW\_TABLE Cannot perform INSERT, DELETE, or UPDATE on materialized views**

**Cause:** An attempt was made to execute an INSERT, DELETE, or UPDATE statement on a materialized view.

**Action:** Check the name and type of the table on which to execute the statement.

**0x31378 ( 201592) qpERR\_ABORT\_QMV\_CONNECT\_BY\_NOT\_ALLOW\_NOCNF The CONNECT BY clause can only be used with CNF (Conjunctive Normal Form).**

**Cause:** The connect by clause was not used with CNF (Conjunctive Normal Form).

**Action:** Change the NORMALFORM\_MAXIMUM property to a larger value using the ALTER SESSION command.

**0x31379 ( 201593) qpERR\_ABORT\_QMV\_USE\_ISLEAF\_IN\_START\_WITH CONNECT\_BY\_ISLEAF pseudocolumn not supported in START WITH clauses <0%s>**

**Cause:** An attempt was made to use the CONNECT\_BY\_ISLEAF pseudocolumn in a START WITH clause.

**Action:** Remove the CONNECT\_BY\_ISLEAF pseudocolumn from the START WITH clause.

**0x3137A ( 201594) qpERR\_ABORT\_QMV\_USE\_ISLEAF\_IN\_CONNECT\_BY CONNECT\_BY\_ISLEAF pseudocolumn not supported in CONNECT BY clauses <0%s>**

**Cause:** An attempt was made to use the CONNECT\_BY\_ISLEAF pseudocolumn within a CONNECT BY clause.

**Action:** Remove the CONNECT\_BY\_ISLEAF pseudocolumn from the CONNECT BY clause.

**0x3137B ( 201595) qpERR\_ABORT\_QMV\_ISLEAF\_NEED\_CONNECT\_BY CONNECT\_BY\_ISLEAF pseudocolumn used without CONNECT BY clauses**

**Cause:** An attempt was made to use the CONNECT\_BY\_ISLEAF pseudocolumn without a CONNECT BY clause.

**Action:** Use a CONNECT BY clause or remove the CONNECT\_BY\_ISLEAF pseudocolumn.

**0x3137C ( 201596) qpERR\_ABORT\_QMV\_CONNECT\_BY\_ROOT\_NEED\_CONNECT\_BY CONNECT\_BY\_ROOT used without CONNECT BY clause**

**Cause:** An attempt was made to use the CONNECT\_BY\_ROOT operator without a CONNECT BY clause.

**Action:** Use a CONNECT BY clause or remove the CONNECT\_BY\_ROOT operator.

**0x3137D ( 201597) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_CONNECT\_BY\_ROOT CONNECT\_BY\_ROOT not supported in START WITH or CONNECT BY clause**

**Cause:** The CONNECT\_BY\_ROOT operator was used in a START WITH or CONNECT BY clause.

**Action:** Remove the CONNECT\_BY\_ROOT operator from the START WITH or CONNECT BY clause.

**0x3137E ( 201598) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_SYS\_CONNECT\_BY\_PATH SYS\_CONNECT\_BY\_PATH not supported in START WITH or CONNECT BY clause**

**Cause:** The SYS\_CONNECT\_BY\_PATH function was used in a START WITH or CONNECT BY clause.

**Action:** Remove the SYS\_CONNECT\_BY\_PATH function from the START WITH or CONNECT BY clause.

**0x3137F ( 201599) qpERR\_ABORT\_QMV\_SYS\_CONNECT\_BY\_PATH\_NEED\_CONNECT\_BY SYS\_CONNECT\_BY\_PATH used without CONNECT BY clauses**

**Cause:** An attempt was made to use the SYS\_CONNECT\_BY\_PATH function without a CONNECT BY clause.

**Action:** Use a CONNECT BY clause or remove the SYS\_CONNECT\_BY\_PATH function.

**0x31380 ( 201600) qpERR\_ABORT\_UNSUPPORTED\_PSEUDO\_COLUMN\_IN\_ORDER\_SIBLINGS\_BY Unsupported use of pseudocolumn in ORDER SIBLINGS BY clause <0%s>**

**Cause:** An unsupported pseudocolumn was specified in an ORDER SIBLINGS BY clause.

**Action:** Specify only table column names in the ORDER SIBLINGS BY clause.

**0x31381 ( 201601) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_ORDER\_SIBLINGS\_BY ORDER SIBLINGS BY clause not allowed here**

**Cause:** An attempt was made to use the ORDER SIBLINGS BY clause in an unsupported manner.

**Action:** Remove the ORDER SIBLINGS BY clause from the query.

**0x31382 ( 201602) qpERR\_ABORT\_QMV\_NOT\_ALLOW\_PRIOR\_LOB PRIOR not supported with LOB type columns**

**Cause:** A LOB type column was specified after the PRIOR operator.

**Action:** Specify a non-LOB type column after the PRIOR operator.

**0x31384 ( 201604) qpERR\_ABORT\_QMV\_CANNOT\_SELECT\_PROWID Cannot select \_PROWID from a view or multiple tables. <0%s>**

**Cause:** Cannot select \_PROWID from a view or multiple tables.

**Action:** Use a single table in FROM clause.

**0x31385 ( 201605) qpERR\_ABORT\_QMV\_PROWID\_NOT\_SUPPORTED \_PROWID is not supported.**

**Cause:** PROWID is not supported.

**Action:** Do not use \_PROWID.

**0x31387 ( 201607)**

**qpERR\_ABORT\_QMV\_MERGE\_REFERENCED\_COLUMNS\_CANNOT\_BE\_UPDATED Cannot update columns in the ON Clause. <0%s>**

**Cause:** An attempt was made to update one or more columns referenced in the ON Clause of a MERGE statement.

**Action:** Remove the columns referenced in the ON Clause from the update column list.

**0x31393 ( 201619) qpERR\_ABORT\_QMV\_NEED\_GROUP\_BY GROUPING function used without GROUP BY ROLLUP or GROUP BY CUBE or GROUP BY GROUPING SETS clause.**

**Cause:** An attempt was made to use the GROUPING function without the GROUP BY ROLLUP or GROUP BY CUBE or GROUP BY GROUPING SETS clause.

**Action:** Add the GROUP BY ROLLUP or GROUP BY CUBE or GROUP BY GROUPING SETS or remove the GROUPING function clause from the statement.

**0x31394 ( 201620) qpERR\_ABORT\_QMV\_NOT\_SUPPORT\_COMPLICATE\_GROUP\_EXT GROUP BY ROLLUP or GROUP BY CUBE or GROUP BY GROUPING SETS clause used multiple times.**

**Cause:** An attempt was made to use the GROUP BY ROLLUP and/or GROUP BY CUBE and/or GROUP BY GROUPING SETS clause more than once.

**Action:** Use the GROUP BY ROLLUP and/or GROUP BY CUBE and/or GROUP BY GROUPING SETS clause only once.

**0x31395 ( 201621) qpERR\_ABORT\_QMV\_NOT\_SUPPORT\_GROUPING\_SETS GROUPING SETS expression not supported**

**Cause:** An attempt was made to use the GROUPING SETS expression

**Action:** Remove the GROUPING SETS expression from the statement.

**0x31396 ( 201622) qpERR\_ABORT\_QMV\_MAX\_CUBE\_COUNT Too many expressions used in CUBE expression**

**Cause:** Too many expressions or columns were specified in the CUBE expression.

**Action:** Use a maximum of 15 expressions in the CUBE expression.

**0x31397 ( 201623) qpERR\_ABORT\_QMV\_NOT\_APPLICABLE\_TYPE\_IN\_RETURN Inapplicable data type in the RETURNING expression <0%s>**

**Cause:** Inapplicable data type in the RETURNING expression.

**Action:** Remove the column from the RETURNING expression.

**0x313A1 ( 201633) qpERR\_ABORT\_QMV\_WINDOW\_INVALID\_AGGREGATION Invalid window aggregation group for window frame**

**Cause:** The window aggregation group specified in the window frame is invalid.

**Action:** Use a valid window aggregation group in the window frame.

**0x313A2 ( 201634) qpERR\_ABORT\_QMV\_NOT\_WINDOW\_CLAUSE\_FUNC Not supported aggregation function for window frame <0%s>**

**Cause:** The aggregation function specified does not support window frames.

**Action:** Choose the right function for window frames.

**0x313A4 ( 201636) qpERR\_ABORT\_QMV\_NOT\_KEY\_PRESERVED\_TABLE Cannot modify a column for a non key-preserved table**

**Cause:** Only key-preserved tables allow INSERT, UPDATE and DELETE operations.

**Action:** Alter the base table a to key-preserved table.

**0x313A5 ( 201637) qpERR\_ABORT\_QMV\_NOT\_ONE\_BASE\_TABLE Cannot modify multiple tables through a join view**

**Cause:** UPDATE, DELETE, INSERT operations on a join view is allowed only if there is one base table.

**Action:** Check if the target of the UPDATE, DELETE or INSERT operation is a table.

**0x313A6 ( 201638) qpERR\_ABORT\_QMV\_TABLE\_NOT\_FOUND Table not found**

**Cause:** Cannot find the table for UPDATE, DELETE, or INSERT operations.

**Action:** Check the base table before UPDATE, DELETE or INSERT operations.

**0x313AE ( 201646) qpERR\_ABORT\_QMV\_NOT\_DML\_READ\_ONLY\_VIEW Cannot perform a DML operation on a read-only view.**

**Cause:** If the view was created with the read-only option, then any DML operation cannot be performed on it.

**Action:** Alter the read option of the view with the ALTER VIEW statement.

**0x313D2 ( 201682)**

**qpERR\_ABORT\_QDX\_NOT\_ALLOWED\_MEM\_TBS\_PRIMARY\_AND\_UNIQUE\_KEY\_OF\_NONE\_PREFIXED\_INDEX**

**A primary key or a unique key constraint cannot be defined for a local non-prefixed index on a memory partitioned table.**

**Cause:** A primary key or a unique key constraint cannot be defined for a local non-prefixed index on a memory partitioned table.

**Action:** Do not define a primary key or a unique key constraint for a local non-prefixed index on a memory partitioned table.

**0x3140A ( 201738) qpERR\_ABORT\_QMV\_FIXED\_TABLE\_WITH\_LATERAL\_VIEW Cannot use a fixed table in a lateral view.**

**Cause:** A fixed table is used in a lateral view.

**Action:** Do not use a fixed table in a lateral view.

**0x3140D ( 201741) qpERR\_ABORT\_QMV\_INVALID\_DEFAULT\_VALUE The sequence in the default value does not exist.**

**Cause:** The sequence which is used as the default value does not exist.

**Action:** Create the sequence again or alter the default value.

**0x3141D ( 201757) qpERR\_ABORT\_QMV\_NOT\_APPLICABLE\_TABLE\_FUNCTION An unsupported data type was specified for the table function <0%>**

**Cause:** An argument of the table function clause must be of the associative array type, record type, or list type.

**Action:** Verify that the data type of the table function is of the associative array type, record type, or list type.

**0x31441 ( 201793) qpERR\_ABORT\_QMV\_ORDER\_RECURSIVE\_VIEW recursive WITH Clause needs an initialization branch.**

**Cause:** Rewrite the recursive WITH query to have a branch in a UNION ALL operation with no references to itself.

**Action:** A WITH Clause query referred to itself (recursive) but did not have a branch in a UNION ALL with no references to itself.

**0x31442 ( 201794) qpERR\_ABORT\_QMV\_DUPLICATE\_RECURSIVE\_VIEW recursive query name referenced more than once in recursive branch of recursive WITH clause element.**

**Cause:** The recursive component of the UNION ALL in a recursive WITH clause element referenced the recursive query name more than once. Only one reference to the recursive query name is allowed in the recursive branch of a recursive WITH clause element.

**Action:** Rewrite the query using only one reference to the recursive query name in the recursive branch of the recursive WITH clause element.

**0x31443 ( 201795) qpERR\_ABORT\_QMV\_NON\_EXIST\_UNION\_ALL\_RECURSIVE\_VIEW recursive WITH clause must use a UNION ALL operation.**



**Cause:** A WITH clause query referred to itself (recursive) but did not use a UNION ALL operation in its definition query.

**Action:** Rewrite the recursive WITH clause query to use a UNION ALL operation.

**0x31444 ( 201796) qpERR\_ABORT\_QMV\_MULTI\_SET\_RECURSIVE\_VIEW UNION ALL operation in recursive WITH clause must have only two branches.**

**Cause:** A WITH clause query referred to itself (recursive) but used a UNION ALL operation with more than two branches, which is not currently supported.

**Action:** Rewrite the recursive WITH clause query to use only two branches in the UNION ALL operation.

**0x31445 ( 201797) qpERR\_ABORT\_QMV\_OPERATION\_NOT\_ALLOWED\_RECURSIVE\_VIEW <0%> is not allowed in recursive WITH statements.**

**Cause:** Rewrite the query without the unsupported operation.

**Action:** The recursive component of the UNION ALL in a recursive WITH clause element used an operation that was currently not allowed. The following should not be used in the recursive branch of the UNION ALL operation: GROUP BY, DISTINCT, grouping sets, CONNECT BY, HAVING, aggregate functions.

**0x31446 ( 201798) qpERR\_ABORT\_QMV\_NO\_COLUMN\_ALIAS\_RECURSIVE\_VIEW recursive WITH clause must have column alias list.**

**Cause:** A WITH Clause query referred to itself (recursive) but did not have a column alias list specified for it.

**Action:** Add a column alias list for the WITH clause query name.

**0x31447 ( 201799) qpERR\_ABORT\_QMV\_NOT\_ALLOWED\_JOIN\_RECURSIVE\_VIEW JOIN is not allowed in recursive WITH statements.**

**Cause:** Violation of recursive WITH restrictions:

**Action:** Do not use the JOIN operation.

**0x31448 ( 201800) qpERR\_ABORT\_QMV\_ITSELF\_DIRECTLY\_RECURSIVE\_VIEW recursive WITH clause must reference itself directly in one of the UNION ALL branches.**

**Cause:** A WITH clause query referred to itself (recursive) indirectly, such as through a subquery or view.

**Action:** Rewrite the recursive WITH clause query to refer to itself directly in the FROM clause of one of the UNION ALL branches.

**0x31449 ( 201801) qpERR\_ABORT\_QMV\_DUPLICATION\_QUERY\_NAME\_RECURSIVE\_VIEW Duplicate recursive WITH names.**

**Cause:** The recursive WITH name already exists in the query.

**Action:** Use another recursive WITH name.

**0x31451 ( 201809)**

**qpERR\_ABORT\_QMV\_CANNOT\_LOCK\_TABLE\_UNTIL\_NEXT\_DDL\_IN\_NON\_EXCLUSIVE\_MODE Unable to execute a LOCK TABLE statement with UNTIL NEXT DDL option in non-exclusive**

**mode.**

**Cause:** A LOCK TABLE statement with UNTIL NEXT DDL option cannot be executed in non-exclusive mode.

**Action:** Retry a LOCK TABLE statement in exclusive mode.

**0x31456 ( 201814) qpERR\_ABORT\_QMV\_CANNOT\_USE\_ORDER\_BY\_CLAUSE** An ORDER BY clause is not allowed in the function. <0%s>

**Cause:** An ORDER BY clause is not allowed in the function.

**Action:** Remove the ORDER BY clause from the statement.

**0x3146D ( 201837) qpERR\_ABORT\_QCV\_NOT\_ALLOWED\_ANALYTIC** An analytic function is not allowed here. <0%s>

**Cause:** An analytic function cannot be used here.

**Action:** Check all analytic functions.

**0x31073 ( 200819) qpERR\_ABORT\_QMX\_SEQ\_NOT\_DEFINE\_IN\_SESSION** The sequence is not defined in this session. <0%s>

**Cause:** The sequence is not defined in this session.

**Action:** Define the sequence first.

**0x31074 ( 200820) qpERR\_ABORT\_QMX\_NOT\_NULL\_CONSTRAINT** Unable to insert (or update) NULL into NOT NULL column.

**Cause:** The user tried to insert (or update) NULL into a column with a NOT NULL constraint.

**Action:** Drop the NOT NULL constraint or Verify that the value to be inserted or used for update is not a NULL value.

**0x31076 ( 200822) qpERR\_ABORT\_QMX\_CHILD\_EXIST** Unable to modify records that have child records. Check the referential constraints. <0%s>

**Cause:** It is impossible to modify records that have child records. Check the referential constraints.

**Action:** Check referential constraints that are related to the table.

**0x31077 ( 200823) qpERR\_ABORT\_QMX\_NOT\_FOUND\_PARENT\_ROW** The parent record was not found for <0%s>.

**Cause:** The parent record was not found.

**Action:** Check the referential constraints that are related to the table.

**0x311C6 ( 201158) qpERR\_ABORT\_QMX\_CANNOT\_SET\_TIMESTAMP** Unable to set the TIMESTAMP value.

**Cause:**

- The system failed to set the TIMESTAMP value.

**Action:**

- Please send a bug report to the vendor.

**0x313D6 ( 201686) qpERR\_ABORT\_QMX\_TABLE\_PARTITION\_ACCESS\_DENIED Unable to update table or partition <0%s>**

**\*Cause :** Update operation is not allowed on the table or partition.

**Action:** : Check the access mode of the table or partition.

**0x31417 ( 201751) qpERR\_ABORT\_QDR\_NOT\_SYS\_USER\_DISABLE\_TCP Only the SYS user can enable or disable TCP.**

**Cause:** A normal user cannot enable or disable TCP.

**Action:** Re-login as SYS.

**0x31418 ( 201752) qpERR\_ABORT\_QDD\_CANNOT\_DROP\_NOT\_ENOUGH\_RECYCLEBIN\_SPACE Unable to drop the table because the recycle bin has insufficient <0%s> storage capacity.**

**Cause:**

- The recycle bin has either insufficient memory, or disk, or memory and disk storage capacity.

**Action:**

- Empty the recycle bin or increase RECYCLEBIN\_MEM\_MAX\_SIZE, or RECYCLEBIN\_DISK\_MAX\_SIZE, or both RECYCLEBIN\_MEM\_MAX\_SIZE and RECYCLEBIN\_DISK\_MAX\_SIZE.

**0x31452 ( 201810) qpERR\_ABORT\_QMX\_CANNOT\_LOCK\_TABLE\_UNTIL\_NEXT\_DDL\_WITH\_DML Unable to execute a LOCK TABLE statement with UNTIL NEXT DDL option in the transaction that modified data.**

**Cause:** A LOCK TABLE statement with UNTIL NEXT DDL option cannot be executed in the transaction that modified data.

**Action:** Execute the COMMIT or ROLLBACK statement, and retry a LOCK TABLE statement.

**0x31453 ( 201811)****qpERR\_ABORT\_QMX\_CANNOT\_LOCK\_TABLE\_UNTIL\_NEXT\_DDL\_MORE\_THAN\_ONCE Cannot execute a LOCK TABLE statement with UNTIL NEXT DDL option twice or more.**

**Cause:** A LOCK TABLE statement with UNTIL NEXT DDL option cannot be executed twice or more.

**Action:** Execute the COMMIT or ROLLBACK statement, and retry a LOCK TABLE statement.

**0x311A4 ( 201124) qpERR\_ABORT\_QMN\_HIER\_LOOP Loop in hierarchical query detected.**

**Cause:** A loop in a hierarchical query has been detected.

**Action:** Check the records.

**0x313FC ( 201724) qpERR\_ABORT\_QMN\_INVALID\_TEMPORARY\_TABLE Cannot use the temporary table as it has been changed.**

**Cause:** The query cannot be executed as the temporary table has become invalid.

**Action:** Truncate the temporary table and then retry.

**0x3140E ( 201742) qpERR\_ABORT\_QMN\_MODIFY\_UNABLE\_RECORD Failed to modify the base table.**

**Cause:** The value in the base table to be updated or deleted is already updated or deleted, or does not exist.

**Action:** Check the create join view query and result set.

**0x3144A ( 201802) qpERR\_ABORT\_QMN\_RECURSION\_LEVEL\_MAXIMUM\_RECURSIVE\_VIEW maximum level of recursion reached while executing recursive WITH query.**

**Cause:** A recursive WITH query reached the maximum level of recursion specified and was stopped.

**Action:** Increase the maximum level of recursion.

**0x31232 ( 201266) qpERR\_ABORT\_QMO\_INVALID\_MEMORY\_AREA Invalid memory area access.**

**Cause:** Invalid memory area access

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x3124D ( 201293) qpERR\_ABORT\_QMO\_EMPTY\_DUMP\_OBJECT Empty dump object.**

**Cause:** You did not specify a dump object for the dump table.

**Action:** Specify a dump object for the dump table.

**0x31409 ( 201737) qpERR\_ABORT\_QMO\_NOT\_ALLOWED\_LVIEW\_LEFT\_FULL\_JOIN\_WITH\_REF Cannot perform a RIGHT or FULL outer join between a lateral view containing a left correlation and a left object.**

**Cause:** A RIGHT or FULL outer join cannot be performed between a lateral view containing a left correlation and a left object.

**Action:** Use another join type or change the lateral view to an inline view.

**0x3140F ( 201743) qpERR\_ABORT\_QMO\_NOT\_ALLOWED\_OUTER\_COLUMN\_IN\_SUBQUERY\_WITH\_CONNECT\_BY\_FUNC A CONNECT BY function cannot take a subquery containing an outer column as an argument. <0%>**

**Cause:** A subquery containing an outer column is taken as an argument.

**Action:** Remove the outer column from the subquery.

**0x31410 ( 201744) qpERR\_ABORT\_QMO\_NOT\_ALLOWED\_OUTER\_JOIN\_OPER Unable to execute the outer join operator.**

**Cause:** Unable to execute the outer join operator.

**Action:** Check the OUTER\_JOIN\_OPERATOR\_TRANSFORM\_ENABLE property value.

**0x3145F ( 201823) qpERR\_ABORT\_QMO\_NOT\_ALLOWED\_LOB\_FILTER Lob filter is not supported.**

**Cause:** The lob filter was used within a hierarchy query in the SELECT FOR UPDATE statement.

**Action:** Remove the lob filter from the query.

**0x313B0 ( 201648) qpERR\_ABORT\_QMR\_NO\_CALLBACK No callback for remote table is registered.**

**Cause:** No callback for the remote table is registered.

**Action:** Verify that the database link is enabled.

**0x313B1 ( 201649) qpERR\_ABORT\_QMR\_NO\_DATABASE\_LINK\_NAME Database link name is NULL.**

**Cause:** Database link name is NULL.

**Action:** Verify that the database link name is not null.

**0x31084 ( 200836) qpERR\_ABORT\_QRC\_NO\_GRANT The user has no permission to execute the SQL statement.**

**Cause:** The user does not have sufficient permissions to execute the SQL statement.

**Action:** Verify that the user has sufficient permission to execute the SQL statement.

**0x31085 ( 200837) qpERR\_ABORT\_QRC\_DUPLICATE\_REPLICATION Duplicate replication names. The replication name already exists in the database.**

**Cause:** The replication name already exists in the database. The IP address and the port number must be unique.

**Action:** Use another replication name. Consult the meta tables in order to find replications that use the same IP address and port number.

**0x31086 ( 200838) qpERR\_ABORT\_QRC\_NOT\_EXIST\_REPLICATION Undefined replication name. The replication name was not found in the database.**

**Cause:** The replication name was not found in the database. The name is incorrect or the replication has not been created yet.

**Action:** Verify that the replication name is typed correctly. Consult meta tables to see if the same replication name exists in the database.

**0x31087 ( 200839) qpERR\_ABORT\_QRC\_MAX\_REPLICATION\_COUNT No more replications may be created. A database cannot have more than the maximum number of replications.**

**Cause:** A database cannot have more than the maximum number of replications.

**Action:** Check whether the system already has the maximum number of replications.

**0x31088 ( 200840) qpERR\_ABORT\_QRC\_NOT\_EXISTS\_PRIMARY\_KEY A replicated table must have a primary key. (<0%s>.<1%s>)**

**Cause:** No primary key was found in the table to be replicated. For replication, specify a table having a primary key.

**Action:** Create a primary key for the table to be replicated.

**0x31089 ( 200841) qpERR\_ABORT\_QRC\_REPLICATION\_ALREADY\_STARTED** Replication has already started.

**Cause:** Replication is currently underway.

**Action:** Stop the current replication to start again.

**0x3108A ( 200842) qpERR\_ABORT\_QRC\_CANNOT\_USE\_META** Replication is not allowed on meta tables.

**Cause:** It is impossible to replicate a meta table.

**Action:** Verify that the table to be replicated is not a meta table.

**0x3108B ( 200843) qpERR\_ABORT\_QRC\_REPLICATE\_TABLE\_WITH\_REFERENCE** Replication is not allowed on tables that have referential constraints. (<0%s>.<1%s>)

**Cause:** The user tried to replicate a table that has referential constraints.

**Action:** Verify that the table to be replicated does not have any referential constraints.

**0x311BB ( 201147) qpERR\_ABORT\_QRC\_REPLICATED\_OBJECT\_TYPE** The replicated object type must be a table. <0%s>

**Cause:** Only a table may be replicated.

**Action:** Check the object type.

**0x31196 ( 201110) qpERR\_ABORT\_QRC\_NOT\_EXIST\_REPL\_ITEM** No replication items found.

**Cause:** No replication items were found.

**Action:** Check the meta tables.

**0x3128D ( 201357) qpERR\_ABORT\_QRC\_ROLE\_NOT\_SUPPORT\_SYNC** Replication SYNC is not supported in this role.

**Cause:** This role does not support SYNC.

**Action:** Check the role of the replication.

**0x3128E ( 201358) qpERR\_ABORT\_QRC\_ROLE\_NOT\_SUPPORT\_UNIX\_DOMAIN** UNIX domain socket is not supported in this role.

**Cause:** This role does not support UNIX\_DOMAIN in the 'WITH' clause.

**Action:** Check the role of the replication.

**0x3128F ( 201359) qpERR\_ABORT\_QRC\_ROLE\_SUPPORT\_ONE\_SOCKET\_TYPE** One socket type is supported in this role.

**Cause:** This role supports one socket type.

**Action:** Check the role of the replication.

**0x31290 ( 201360) qpERR\_ABORT\_QRC\_ROLE\_SUPPORT\_ONE\_UNIX\_DOMAIN Only one UNIX domain socket is supported in this role.**

**Cause:** This role supports one UNIX domain socket.

**Action:** Check the role of the replication.

**0x31292 ( 201362) qpERR\_ABORT\_QRC\_ROLE\_NOT\_SUPPORT\_DEFAULT\_REPL\_MODE The default replication mode is not supported in this role.**

**Cause:** This role does not support the default replication mode.

**Action:** Check the role of the replication.

**0x31293 ( 201363) qpERR\_ABORT\_QCI\_NotPermittedUser Unauthorized user.**

**Cause:** The user does not have appropriate privileges.

**Action:** Check the user's privileges.

**0x31294 ( 201364) qpERR\_ABORT\_QCM\_DNBufferOverflow The OwnerDN length has exceeded its range (overflow).**

**Cause:** OwnerDN length overflow.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x312A3 ( 201379) qpERR\_ABORT\_QRC\_INVALID\_HOST\_IP\_PORT The host IP address or port number is invalid.**

**Cause:** Invalid host IP address or port number.

**Action:** Check the host IP address and port number.

**0x312A5 ( 201381) qpERR\_ABORT\_QRC\_ALREADY\_EXIST\_REPL\_HOST Replication hosts already exist.**

**Cause:** Replication hosts already exist.

**Action:** Check the meta tables.

**0x312A6 ( 201382) qpERR\_ABORT\_QRC\_NOT\_EXIST\_REPL\_HOST Replication hosts not found.**

**Cause:** No replication hosts were found.

**Action:** Check the meta tables.

**0x312B3 ( 201395) qpERR\_ABORT\_QRC\_REPL\_RECOVERY\_COUNT A table can recover only one replication.**

**Cause:** Table recovery already supported by another replication.

**Action:** Check the replication recovery count.

**0x312B4 ( 201396) qpERR\_ABORT\_QRC\_ROLE\_NOT\_SUPPORT\_REPL\_RECOVERY Recovery option not supported in this role.**

**Cause:** This role does not support the recovery option.

**Action:** Check the options or the role of the replication.

**0x312B5 ( 201397) qpERR\_ABORT\_QRC\_ALREADY\_RECOVERY\_SET Recovery option already set.**

**Cause:** The replication recovery option has already been set.

**Action:** Check the replication options.

**0x312B6 ( 201398) qpERR\_ABORT\_QRC\_ALREADY\_RECOVERY\_UNSET The recovery option was already unset.**

**Cause:** The replication recovery option was already unset.

**Action:** Check the replication options.

**0x312B7 ( 201399) qpERR\_ABORT\_QRC\_NOT\_ALLOW\_ADD\_TABLE An ADD TABLE statement is not allowed in recovery support replication.**

**Cause:** An ADD TABLE statement is not allowed in a recovery support replication.

**Action:** Check the replication options.

**0x312B8 ( 201400) qpERR\_ABORT\_QRC\_NOT\_ALLOW\_DROP\_TABLE An DROP TABLE statement is not allowed in recovery support replication.**

**Cause:** A DROP TABLE statement is not allowed in recovery support replication.

**Action:** Check the replication options.

**0x312D2 ( 201426) qpERR\_ABORT\_QRC\_REPL\_MAKE\_CONDITION The attempt to make replication conditions failed.**

**Cause:** The WHERE clause is invalid.

**Action:** Check the WHERE clause.

**0x312E2 ( 201442) qpERR\_ABORT\_QRC\_TOO\_LONG\_REPL\_CONDITION\_VALUE Replication condition value too long**

**Cause:** A replication condition value is too long.

**Action:** Check the length of replication condition values.

**0x31313 ( 201491) qpERR\_ABORT\_QRC\_NOT\_APPLICABLE\_POLICY This column policy is not compatible with replication. [<0%s>]**

**Cause:** This column policy is not compatible with replication.

**Action:** Check the column policy.

**0x31317 ( 201495) qpERR\_ABORT\_QRC\_CANNOT\_USE\_VOLATILE\_TABLE Replication not allowed on volatile tables.**

**Cause:** A volatile table cannot be replicated.

**Action:** Verify that the table to be replicated is not a volatile table.

**0x31324 ( 201508) qpERR\_ABORT\_QDB\_REPLICATION\_DDL\_EAGER\_MODE Cannot execute DDL statements on a replicated table while replication is running in eager mode.**



**Cause:** DDL statements cannot be executed on a replicated table running in eager mode.

**Action:** Check the replication mode.

**0x31325 ( 201509) qpERR\_ABORT\_QRC\_SELECTION\_AND\_EAGER** The attempt to create a replication failed because conditions and eager mode were both specified.

**Cause:** A replication object with conditions cannot run in eager mode.

**Action:** Change the replication mode or remove the conditions.

**0x31326 ( 201510) qpERR\_ABORT\_QRC\_NOT\_SUPPORT\_REPL\_OFFLINE\_AND\_EAGER** The offline option is not supported with eager mode.

**Cause:** Simultaneous use of eager mode and the offline option is not supported.

**Action:** Change the option or mode of the replication.

**0x31327 ( 201511) qpERR\_ABORT\_QRC\_NOT\_SUPPORT\_REPLICATION\_DDL** This replication DDL is no longer supported.

**Cause:** An attempt to use a deprecated DDL statement was made.

**Action:** This DDL statement cannot be run on a replicated table.

**0x31328 ( 201512) qpERR\_ABORT\_QRC\_NOT\_SUPPORT\_MAX\_ROWS\_AND\_EAGER** Replication in eager mode is not supported with the MAX ROWS table option.

**Cause:** An attempt was made to use replication in eager mode on a table for which the MAX ROWS option was specified.

**Action:** Check mode of the replication.

**0x3133D ( 201533) qpERR\_ABORT\_QRC\_NOT\_SUPPORT\_RETRY\_AND\_EAGER** The retry option is not supported when replication is running in eager mode.

**Cause:** The retry option is not supported in eager mode.

**Action:** Either remove the retry option or change the replication mode.

**0x31362 ( 201570) qpERR\_ABORT\_QRC\_CANNOT\_USE\_TEMPORARY\_TABLE** Temporary tables cannot be replicated.

**Cause:** An attempt was made to add a temporary table to a replication object.

**Action:** Verify that none of the tables to be replicated are temporary tables.

**0x31383 ( 201603) qpERR\_ABORT\_QRC\_NOT\_SUPPORT\_AT\_SN\_CLAUSE** Replication cannot start from a specific SN unless it is used with the Log Analyzer.

**Cause:** The AT SN clause was specified, but the role of the replication object is not "Log Analyzer".

**Action:** Either specify the FOR ANALYSIS clause in the CREATE REPLICATION statement, or do not use the AT SN clause in the ALTER REPLICATION statement.

**0x3111D ( 200989) qpERR\_ABORT\_QTC\_TUPLE\_SHORTAGE** There are too many DML statements in the stored procedure, or the SQL query is too long.

**Cause:** The internal tuple set has been exhausted.

**Action:** The query or stored procedure is too long. Split the stored procedure or query.

**0x3111E ( 200990) qpERR\_ABORT\_QTC\_INVALID\_AGGREGATION Invalid aggregation**

**Cause:** Invalid use of aggregation.

**Action:** Change the SQL statement.

**0x3111F ( 200991) qpERR\_ABORT\_QTC\_INVALID\_ARGUMENT\_TYPE Invalid argument type. <0%s>**

**Cause:** Invalid argument type

**Action:** Check the argument type.

**0x31120 ( 200992) qpERR\_ABORT\_QTC\_NO\_HOSTVAR\_ALLOWED No host variable is allowed here.**

**Cause:** No host variable is allowed here.

**Action:** Check the argument.

**0x31002 ( 200706) qpERR\_ABORT\_QTC\_MULTIPLE\_ROWS A single-row subquery has returned more than one row.**

**Cause:** A single-row subquery has returned more than one row.

**Action:** Check the number of records returned by the subquery.

**0x31209 ( 201225) qpERR\_ABORT\_QTC\_TOO\_MANY\_TABLES Too many tables are referenced in a phrase.**

**Cause:** A phrase (FROM, WHERE, etc) references over 32 tables.

**Action:** Check and modify the query so that it does not reference more than 32 tables.

**0x31258 ( 201304) qpERR\_ABORT\_QTC\_NOT\_EXISTS\_COLUMN Column not found**

**Cause:** The specified column was not found in the table.

**Action:** Verify that the column name is correct.

**0x312DC ( 201436) qpERR\_ABORT\_QTC\_HOST\_VAR\_LIMIT\_EXCEED The number of host variables exceed the maximum limit (<0%d>).**

**Cause:** The number of host variables exceeds the maximum limit.

**Action:** Verify the number of host variables.

**0x312E3 ( 201443) qpERR\_ABORT\_QTC\_INVALID\_WINDOW\_FUNCTION Window functions are not allowed here. <0%s>**

**Cause:** Window functions are not allowed here.

**Action:** Specify a valid option value.

**0x312E4 ( 201444) qpERR\_ABORT\_QTC\_UNSUPPORTED\_FUNCTION Unsupported function in window functions. <0%s>**

**Cause:** This function is not supported yet.

**Action:** Specify a valid option value.

**0x31367 ( 201575) qpERR\_ABORT\_QTC\_MISSING\_ORDER\_IN\_WINDOW\_FUNCTION** An ORDER BY expression is required in the window function. <0%s>

**Cause:** A ranking function requires an ORDER BY expression in the OVER clause.

**Action:** Specify an ORDER BY expression.

**0x3130A ( 201482) qpERR\_ABORT\_QTC\_INVALID\_ENCRYPTED\_COLUMN** Invalid encrypted column.

**Cause:** The column is not valid for encryption.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x3130B ( 201483) qpERR\_ABORT\_QTC\_INVALID\_ENCRYPTION\_DATATYPE** Invalid encryption datatype.

**Cause:** Invalid encryption datatype.

**Action:** Check the encryption datatype.

**0x3130C ( 201484) qpERR\_ABORT\_QTC\_TOO\_LONG\_POLICY\_NAME** Policy name is too long. <0%s>

**Cause:** A policy name is too long.

**Action:** Check the length of the policy name.

**0x313A3 ( 201635) qpERR\_ABORT\_QTC\_MISSING\_OVER\_IN\_WINDOW\_FUNCTION** OVER clause required for this function. <0%s>

**Cause:** The windowing function requires the OVER clause.

**Action:** Add the proper OVER clause for the windowing function.

**0x3141B ( 201755) qpERR\_ABORT\_QTC\_NOT\_APPLICABLE\_TYPE\_IN\_LOOP** An unsupported data type was specified for the loop clause. <0%s>

**Cause:** An unsupported data type was specified for the loop clause.

**Action:** Verify that the following data type is specified for the loop clause: smallint, integer, bigint, list, associative array, or record/rowtype.

**0x3141C ( 201756) qpERR\_ABORT\_QTC\_INVALID\_LOOP\_VALUE** A value less than 0 was specified.

**Cause:** A value that is greater than or equal to 0 must be specified for the loop clause.

**Action:** Specify a positive value.

**0x31421 ( 201761) qpERR\_ABORT\_QTC\_PARAM\_NAME\_NOTATION\_NOW\_ALLOWED** Name-based argument notation is not allowed.

**Cause:** Name-based argument notation for the expression is not allowed.

**Action:** Do not reference argument as name-based in the expression

**0x3142C ( 201772) qpERR\_ABORT\_QTC\_OVER\_CLAUSE\_NOT\_ALLOWED** The OVER clause is not allowed for this function. <0%s>

**Cause:** The OVER clause is not allowed here.

**Action:** Do not use the OVER clause with this function.

**0x31450 ( 201808) qpERR\_ABORT\_QTC\_SUBQUERY\_RETURN\_VALUE\_CHANGED** Return values of performance view single-row subquery has changed during execution.

**Cause:** Return values of performance view single-row subquery has changed during execution.

**Action:** This error can occur rarely when there is a change in the values of performance view single-row subquery during a query execution. You will get a result without error if you execute again the same query that produced this error. If you meet this error repeatedly, contact Altibase's Support Center (<http://support.altibase.com>).

**0x31474 ( 201844) qpERR\_ABORT\_QTC\_INVALID\_SRID\_DATATYPE** Fail to specify the Spatial Reference ID(SRID) because a SRID can be set only in the geometry datatype.

**Cause:** A Spatial Reference ID(SRID) can be set only in the geometry datatype.

**Action:** Check the datatype for the Spatial Reference ID(SRID).

**0x31123 ( 200995) qpERR\_ABORT\_QCU\_RESOURCE\_BUSY** Resource busy. ( <0%s> )

**Cause:** The resource is busy.

**Action:** Try again later.

**0x3118C ( 201100) qpERR\_ABORT\_QCU\_NO\_SUCH\_LATCH\_OBJECT** Procedure or function not found.

**Cause:** The procedure or function was not found in the database.

**Action:** Verify that the name of the procedure or function is correct.

**0x3122D ( 201261) qpERR\_ABORT\_QCU\_PSM\_FILE\_OPEN\_LIMIT\_EXCEED** The number of opened file handles exceeds the maximum limit.

**Cause:** The number of opened file handles exceeds the maximum limit.

**Action:** Call the FCLOSE\_ALL function or change the PSM\_FILE\_OPEN\_LIMIT property value.

**0x31314 ( 201492) qpERR\_ABORT\_QCU\_TOO\_LONG\_MODULE\_NAME** A security module name is too long.

**Cause:** A security module name is too long.

**Action:** Check the length of the security module name.

**0x31315 ( 201493) qpERR\_ABORT\_QCU\_TOO\_LONG\_LIBRARY\_NAME** A security library name is too long.

**Cause:** A security library name is too long.

**Action:** Check the length of the security library name.

**0x313AF ( 201647) qpERR\_ABORT\_QCU\_INVALID\_FEATURE\_ENABLE\_VALUE Invalid value for OPTIMIZER\_FEATURE\_ENABLE property.**

**Cause:** The specified value for OPTIMIZER\_FEATURE\_ENABLE property is invalid.

**Action:** Check for appropriate values for OPTIMIZER\_FEATURE\_ENABLE property. Refer to the General Reference Manual for information about supported options. Select an available option.

**0x313FD ( 201725) qpERR\_ABORT\_QCU\_NO\_SUCH\_LATCH\_PKG\_OBJECT Package not found.**

**Cause:** The package or package body was not found in the database.

**Action:** Verify that the name of the package or package body is correct.

**0x3141A ( 201754) qpERR\_ABORT\_QCU\_CONNECT\_TYPE\_OPEN\_LIMIT\_EXCEED The number of opened sokcet handles exceeds the maximum limit.**

**Cause:** The number of opened socket handles exceeds the maximum limit.

**Action:** Call the CLOSEALL\_CONNECT function or change the CONNECT\_TYPE\_OPEN\_LIMIT property value.

**0x31426 ( 201766) qpERR\_ABORT\_QCU\_MEM\_POOL\_ALLOC\_FAILED Failed to allocate a memory pool**

**Cause:**

- Failed to allocate a memory pool.

**Action:**

- Verify that there is enough available memory.

**0x31427 ( 201767) qpERR\_ABORT\_QCU\_HASH\_TABLE\_ALLOC\_FAILED Failed to allocate a hash table**

**Cause:**

- Failed to allocate a hash table.

**Action:**

- Verify that there is enough available memory.

**0x31428 ( 201768) qpERR\_ABORT\_QCU\_HASH\_TABLE\_FIND\_FAILED Failed to find a record from a hash table**

**Cause:**

- Failed to find a record from a hash table.

**Action:**

- Contact Altibase's Support Center (<http://support.altibase.com>).

**0x31429 ( 201769) qpERR\_ABORT\_QCU\_HASH\_TABLE\_ADD\_FAILED Failed to add a record to a hash table**

**Cause:**

- Failed to add a record to a hash table.

**Action:**

- Contact Altibase's Support Center (<http://support.altibase.com>).

**0x3142A ( 201770) qpERR\_ABORT\_QCU\_USER\_LOCK\_REQUEST\_LIMIT\_EXCEED** The number of requested user locks exceeds the maximum limit.

**Cause:**

- The number of requested user locks exceeds the maximum limit.

**Action:**

- Call the USER\_LOCK\_RELEASE function or change the USER\_LOCK\_REQUEST\_LIMIT property value.

**0x314AE ( 201902) qpERR\_ABORT\_QCU\_INVALID\_OPTIMIZER\_VERSION\_VALUE** Invalid value for \_\_OPTIMIZER\_VERSION property.

**Cause:** Specific values are expected for \_\_OPTIMIZER\_VERSION property.

**Action:** Verify the appropriate values for \_\_OPTIMIZER\_VERSION property.

**0x31126 ( 200998) qpERR\_ABORT\_QCI\_INVALID\_BINDING** Invalid binding to host variables

**Cause:** Invalid binding to host variables has been detected.

**Action:** Check the binding to host variables.

**0x31127 ( 200999) qpERR\_ABORT\_QCI\_BUFFER\_FULL** Buffer full in QCI

**Cause:**

- Buffer full in QCI

**Action:**

- Buffer full in QCI

**0x311B8 ( 201144) qpERR\_ABORT\_QCI\_INVALID\_HOST\_DATA\_SIZE** Size of data to bind to host variable is invalid [ Param ID = <0%d>, Data Type = <1%u>, Data Size = <2%d>, Declared Size of Host Variable = <3%d> ]

**Cause:** The size of the data and the size of the host variable differ from one another.

**Action:** Check the size of the data to be bound to host variables.

**0x3123F ( 201279) qpERR\_ABORT\_TOO\_LONG\_IDENTIFIER\_NAME** The identifier name is too long

**Cause:** The identifier name is too long.

**Action:** Give the identifier a shorter name.

**0x31240 ( 201280) qpERR\_ABORT\_INVALID\_STATEMENT\_STATE\_ERROR** Invalid request to process SQL statement

**Cause:** A request was made to perform an operation on an SQL statement that has already been freed.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x31248 ( 201288) qpERR\_ABORT\_BIND\_COLUMN\_COUNT\_MISMATCH Mismatched bind column count**

**Cause:** The number of host variables and the number of data items to bind to them are different.

**Action:** Check client applications.

**0x31370 ( 201584) qpERR\_ABORT\_QCI\_ACCOUNT\_STATUS\_LOCKED The account is locked.**

**Cause:** The user has exceeded the allowed number of incorrect password attempts, or the DBA has locked the account.

**Action:** Wait until the lock is lifted.

**0x31371 ( 201585) qpERR\_ABORT\_QCI\_ACCOUNT\_STATUS\_EXPIRED The password has expired.**

**Cause:** The user's account has expired and the password needs to be changed.

**Action:** Change the password.

**0x31372 ( 201586) qpERR\_ABORT\_QCI\_INVALID\_PASSWORD\_ERROR Invalid password.**

**Cause:** The password is incorrect.

**Action:** Enter the correct password for the user.

**0x3142F ( 201775) qpERR\_ABORT\_QCI\_CANNOT\_EXEC\_DDL DDL statements cannot be executed in DA mode. Check the connection type.**

**Cause:** DDL statements cannot be executed in DA mode.

**Action:** Check the connection type.

**0x31129 ( 201001) qpERR\_ABORT\_QSV\_NOT\_EXIST\_PROC\_SQLTEXT Procedure or function not found : <0%s>.**

**Cause:** The specified procedure or function name was not found in the database.

**Action:** Verify that the procedure or function exists.

**0x3112A ( 201002) qpERR\_ABORT\_QSV\_DUPLICATED\_PROC\_NAME\_SQLTEXT Duplicate procedure or function name <0%s>**

**Cause:** A procedure or function with that name already exists in the database.

**Action:** Give the procedure or function a different name.

**0x3112D ( 201005) qpERR\_ABORT\_QSV\_DUPLICATE\_PARAMETER\_SQLTEXT Duplicate parameter names. <0%s>**

**Cause:** A parameter with the same name has already been defined.

**Action:** Use a different name for the parameter.

**0x3112E ( 201006) qpERR\_ABORT\_QSV\_PROC\_HAVE\_RETURN** A procedure cannot have a RETURN type.

**Cause:** The procedure has a RETURN type.

**Action:** Remove the RETURN type specification from the procedure declaration.

**0x3112F ( 201007) qpERR\_ABORT\_QSV\_PROC\_NOT\_SUPPORTED\_DATATYPE\_SQLTEXT**  
Unsupported data type for parameter, RETURN, or local variable. <0%s>

**Cause:** A procedure must not use an unsupported data type for a parameter, RETURN, or local variable.

**Action:** Verify the data type for the parameter, RETURN, or local variable.

**0x31131 ( 201009) qpERR\_ABORT\_QSV\_PROC\_HAVE\_RETURN\_VALUE\_SQLTEXT** A procedure cannot have a RETURN statement. <0%s>

**Cause:** A procedure cannot have a RETURN statement.

**Action:** Remove the RETURN statement from the procedure declaration.

**0x31132 ( 201010) qpERR\_ABORT\_QSV\_PROC\_NOT\_HAVE\_RETURN\_VALUE\_SQLTEXT** A function must return a value. <0%s>

**Cause:** A function must return a value.

**Action:** Specify a return value in the RETURN statement.

**0x31133 ( 201011) qpERR\_ABORT\_QSV\_PROC\_NOT\_HAVE\_RETURN\_STMT** A function must have a RETURN statement.

**Cause:** A function must have a RETURN statement.

**Action:** Specify a RETURN statement.

**0x31134 ( 201012) qpERR\_ABORT\_QSV\_PROC\_MULTIPLE\_REC\_TARGET\_SQLTEXT** Multiple targets exist in an INTO clause. <0%s>

**Cause:** Multiple targets exist in an INTO clause.

**Action:** Check the INTO clause.

**0x31135 ( 201013) qpERR\_ABORT\_QSV\_PROC\_SELF\_TYPE\_SQLTEXT** Recursive type declaration using %TYPE, %ROWTYPE <0%s>

**Cause:** A recursive type declaration using %TYPE, %ROWTYPE has been detected.

**Action:** Check local variable declarations.

**0x31136 ( 201014) qpERR\_ABORT\_QSV\_PROC\_NOT\_EXIST\_STMT\_SQLTEXT** The label statement must not be the last statement.<0%s>

**Cause:** The label statement must not be the last statement.

**Action:** Specify another statement or a NULL statement after the label.

**0x31137 ( 201015) qpERR\_ABORT\_QSV\_PROC\_CANNOT\_ASSIGN\_SQLTEXT** Mismatched number of fields in ROWTYPE expressions <0%s>

**Cause:** The number of fields in the L-value and R-value of a ROWTYPE assignment must be the same.



**Action:** Check the number of fields in the ROWTYPE variables.

**0x31138 ( 201016) qpERR\_ABORT\_QSV\_PROC\_NOT\_USE\_IN\_LOOP\_SQLTEXT EXIT and CONTINUE statements must be used only in loops. <0%s>**

**Cause:** An EXIT or CONTINUE statement was used outside of a loop.

**Action:** Check the EXIT or CONTINUE statement.

**0x31139 ( 201017) qpERR\_ABORT\_QSV\_PROC\_DUP\_EXCEPTION\_IN\_HANDLER\_SQLTEXT Duplicate exception handlers <0%s>**

**Cause:** An exception handler with the same name already exists in the block.

**Action:** Remove the duplicate exception handler from the block.

**0x3113A ( 201018) qpERR\_ABORT\_QSV\_PROC\_NOT\_EXIST\_EXCEPTION\_SQLTEXT Undefined exception name. <0%s>**

**Cause:** Undefined exception name

**Action:** Create an exception handler with that name.

**0x3113B ( 201019) qpERR\_ABORT\_QSV\_PROC\_NOT\_ALLOW\_DEFAULT\_SQLTEXT OUT or IN OUT parameters cannot have default values. <0%s>**

**Cause:** OUT or IN OUT parameters cannot have default values.

**Action:** Remove the DEFAULT value specification from the OUT or IN OUT parameters.

**0x3113C ( 201020) qpERR\_ABORT\_QSV\_PROC\_NOT\_LOOP\_LABEL\_SQLTEXT A label name in an EXIT statement must point to a loop statement. <0%s>**

**Cause:** A label name in an EXIT statement must be a label that indicates a LOOP statement.

**Action:** Check the label name in the EXIT statement.

**0x3113D ( 201021) qpERR\_ABORT\_QSV\_PROC\_MAX\_PARA\_NUM\_INT\_ARG1 The number of parameters in a stored procedure or function exceeds the maximum limit (<0%d>).**

**Cause:** The number of parameters in a stored procedure or function exceeds the maximum limit.

**Action:** Verify the maximum number of parameters.

**0x3113F ( 201023) qpERR\_ABORT\_QSV\_PROC\_ASSIGN\_LVALUE\_NO\_READONLY\_VAR\_SQLTEXT The L-value of the ASSIGN statement is either a CONSTANT variable or an IN parameter. <0%s>**

**Cause:** The L-value of the ASSIGN statement is either a CONSTANT variable or an IN parameter.

**Action:** Check the L-value of the ASSIGN statement.

**0x31140 ( 201024) qpERR\_ABORT\_QSV\_NOT\_ROWTYPE\_EXPRESSION Not a ROWTYPE expression <0%s>**

**Cause:** Not a ROWTYPE expression

**Action:** Check the expression.

**0x31142 ( 201026) qpERR\_ABORT\_QSV\_PROC\_SELECT\_INT0\_NO\_READONLY\_VAR\_SQLTEXT** The INTO clause of the SELECT statement references a CONSTANT variable or an IN parameter. <0%s>

**Cause:** The INTO clause of the SELECT statement references a CONSTANT variable or an IN parameter.

**Action:** Check the INTO clause of the SELECT statement.

**0x31143 ( 201027) qpERR\_ABORT\_QSV\_CURSOR\_NAME\_IS\_SQL\_SQLTEXT** A cursor name must not be "SQL". <0%s>

**Cause:** A cursor is named "SQL".

**Action:** Do not use "SQL" as a cursor name.

**0x31144 ( 201028) qpERR\_ABORT\_QSV\_INSUFFICIENT\_ARGUEMNT\_SQLTEXT** Insufficient arguments <0%s>

**Cause:** Insufficient arguments.

**Action:** Verify that the number of arguments matches the number specified in the parameter declaration.

**0x31145 ( 201029) qpERR\_ABORT\_QSV\_TOO\_MANY\_ARGUEMNT\_SQLTEXT** Too many arguments <0%s>

**Cause:** Too many arguments.

**Action:** Verify that the number of arguments matches the number specified in the parameter declaration.

**0x31146 ( 201030) qpERR\_ABORT\_QSV\_ROWTYPE\_IN\_EXPRESSION\_SQLTEXT** No ROWTYPE is allowed in this expression. <0%s>

**Cause:** No ROWTYPE is allowed in this expression.

**Action:** Check the type of the local variable.

**0x31147 ( 201031) qpERR\_ABORT\_QSV\_INVALID\_OUT\_ARGUEMNT\_SQLTEXT** Invalid argument in OUT parameter <0%s>

**Cause:** Invalid argument in the OUT parameter.

**Action:** Verify that the argument is correct.

**0x31148 ( 201032) qpERR\_ABORT\_QSV\_NOT\_EXIST\_VARIABLE\_NAME\_SQLTEXT** Undefined identifier <0%s>

**Cause:** A variable, cursor, or exception name is undefined.

**Action:** Check the names of variables, cursors, and exceptions.

**0x31149 ( 201033) qpERR\_ABORT\_QSV\_DUPLICATE\_VARIABLE\_SQLTEXT** Duplicate type or variable names : <0%s>

**Cause:** A parameter, type, variable, cursor, or exception with the same name has already been defined.

**Action:** Use a different name.

**0x3114A ( 201034) qpERR\_ABORT\_QSV\_PROC\_NOT\_CONSTANT\_SQLTEXT** A constant variable must have a DEFAULT value. <0%s>

**Cause:** A constant variable must have a DEFAULT value.

**Action:** Specify a DEFAULT value for the constant local variable.

**0x3114B ( 201035) qpERR\_ABORT\_QSV\_PROC\_WRONG\_CONSTANT\_SQLTEXT** A non-primitive type variable cannot be defined as a CONSTANT variable. <0%s>

**Cause:** A non-primitive variable cannot be defined as a CONSTANT variable.

**Action:** Check the variable declaration.

**0x3114C ( 201036) qpERR\_ABORT\_QSV\_INAPPROPRIATE\_INTOTO\_SQLTEXT** Inappropriate INTO clause. The INTO clause must be specified immediately after the first target list of a SELECT statement. <0%s>

**Cause:** The INTO clause must be specified immediately after the first target list of a SELECT statement.

**Action:** Verify that the INTO clause immediately follows the target list of the SELECT statement.

**0x3114D ( 201037) qpERR\_ABORT\_QSV\_NOT\_HAVE\_INTOTO\_SQLTEXT** A SELECT statement in a procedure or function must have an INTO clause. <0%s>

**Cause:** A SELECT statement in a procedure or function must have an INTO clause.

**Action:** Verify that the SELECT statement has an INTO clause.

**0x3114E ( 201038) qpERR\_ABORT\_QSV\_PROC\_WRONG\_ROWTYPE\_DEFINITION** The declaration of the ROWTYPE attribute is invalid. <0%s>

**Cause:** The declaration of the ROWTYPE attribute is invalid.

**Action:** Check the ROWTYPE attribute.

**0x3114F ( 201039) qpERR\_ABORT\_QSV\_MISMATCHED\_INTOTO\_LIST\_SQLTEXT** The number of columns in the target list does not match the number of variables in the INTO clause. <0%s>

**Cause:** The number of columns in the target list does not match the number of variables in the INTO clause.

**Action:** Verify that the number of columns and the number of variables are exactly the same.

**0x31150 ( 201040) qpERR\_ABORT\_QSV\_USING\_ATTR\_IN\_INAPPROPRIATE\_CLAUSE** A cursor, cursor attribute, SQLCODE, or SQLERRM is used in an inappropriate clause.<0%s>

**Cause:** A Cursor, cursor attribute, SQLCODE, or SQLERRM is used in an inappropriate clause.

**Action:** Remove the cursor or the cursor attribute from the expression.

**0x31185 ( 201093) qpERR\_ABORT\_QSV\_NOT\_ALLOWED\_SUBQUERY\_SQLTEXT** A subquery is not allowed here. <0%s>

**Cause:** A subquery is not allowed here.

**Action:** Remove the subquery.

**0x31188 ( 201096) qpERR\_ABORT\_QSV\_NOT\_CURSOR** The argument of the CURSOR attribute is not a CURSOR. <0%s>

**Cause:** The argument of the CURSOR attribute is not a CURSOR.

**Action:** Verify that the argument of the CURSOR attribute is a CURSOR.

**0x311B9 ( 201145) qpERR\_ABORT\_QSV\_NOT\_ALLOWED\_COUNTER\_VAR\_SQLTEXT** A counter variable is not allowed here. <0%s>

**Cause:** A counter variable is not allowed here.

**Action:** Use another variable.

**0x3120E ( 201230) qpERR\_ABORT\_QSV\_DUPLICATE\_LABEL** Duplicate label name in same block. <0%s>

**Cause:** The same label name exists in this block.

**Action:** Check the label name.

**0x3120F ( 201231) qpERR\_ABORT\_QSV\_ILLEGAL\_GOTO** Illegal GOTO statement. <0%s>

**Cause:** The label is not defined, or GOTO cannot pass control to the label.

**Action:** Check the label.

**0x31212 ( 201234) qpERR\_ABORT\_QSV\_PROC\_NOT\_USE\_IN\_EXCEPTION\_HANDLER** A RAISE statement with no exception name must be inside an exception handler. <0%s>

**Cause:** The program contains a RAISE statement that is not followed by an exception name: RAISE; and that statement is located outside of an exception handler.

**Action:** Check the RAISE statement.

**0x31259 ( 201305) qpERR\_ABORT\_QSV\_TRIGGER\_UNSUPPORTED\_RESULT\_SET** Trigger does not support result set cursor. <0%s>

**Cause:** Trigger does not support result set cursors.

**Action:** Do not use a result set cursor.

**0x31350 ( 201552) qpERR\_ABORT\_QSV\_RECORD\_WRONG** Wrong number of columns in record type. <0%s>

**Cause:** The record type did not contain any columns.

**Action:** Check the record type definition.

**0x31351 ( 201553) qpERR\_ABORT\_QSV\_ONLY\_ASSOCIATIVE** An associative array must be used. <0%s>

**Cause:** An associative array was expected.

**Action:** Check the host variables in the INTO clause.

**0x31352 ( 201554) qpERR\_ABORT\_QSV\_BULK\_ASSOCIATIVE BULK COLLECT required for INTO clause to have multiple targets. <0%s>**

**Cause:** Multiple targets exist in an INTO clause.

**Action:** Use BULK COLLECT.

**0x313A7 ( 201639) qpERR\_ABORT\_QSV\_NOT\_EXIST\_LIBRARY\_SQLTEXT Library not found : <0%s>.**

**Cause:** The specified library was not found in the database.

**Action:** Verify that the library exists.

**0x313A8 ( 201640) qpERR\_ABORT\_QSV\_FORMAL\_PARAMETER\_MISSING Formal parameter missing in the parameters : <0%s>.**

**Cause:** Formal parameter missing in the parameters.

**Action:** Provide a matching parameter in the parameters clause for every formal parameter.

**0x313A9 ( 201641) qpERR\_ABORT\_QSV\_MULTIPLE\_DECLARATIONS Multiple declarations in foreign function formal parameter list : <0%s>.**

**Cause:** Multiple declarations in foreign function formal parameter list.

**Action:** Remove the duplicate parameter from the foreign function formal parameter list.

**0x313AA ( 201642) qpERR\_ABORT\_QSV\_EXTERNAL\_PARAMETER\_NAME\_NOT\_FOUND External parameter name not found in formal parameter list : <0%s>.**

**Cause:** Failed to find the external parameter name in the formal parameter list.

**Action:** Provide a parameter in the parameters clause that matches one of the formal parameters.

**0x313AB ( 201643) qpERR\_ABORT\_QSV\_INCORRECT\_USAGE\_OF\_XXX Incorrect Usage of <0%s> in parameters clause : <1%s>.**

**Cause:** Incorrect usage of RETURN in parameters clause.

**Action:** Refer to the C/C++ External Procedure Manual for the formal parameters available for specifying a property. Use a valid formal parameter.

**0x313AC ( 201644) qpERR\_ABORT\_QSV\_RETURN\_MUST\_BE\_IN\_THE\_LAST RETURN, for actual function return, must be last in the parameters clause: <0%s>.**

**Cause:** RETURN, for actual function return, must be last in the parameters clause.

**Action:** Place RETURN at the end of the parameters clause.

**0x313AD ( 201645) qpERR\_ABORT\_QSV\_PSM\_ROW\_SIZE\_EXCEED\_LIMIT The row size in the stored procedure or function exceeds the maximum limit. ( requested size : <0%ld>, max size : <1%ld> )**

**Cause:** The row size is too big to process in the stored procedure or function.

**Action:** Reduce the number of columns to process.

**0x313BB ( 201659) qpERR\_ABORT\_QSV\_PROC\_USED\_BY\_CONSTRAINT** The procedure or function is used by constraint.

**Cause:** A constraint is using the procedure or function.

**Action:** Drop a constraint that is using the procedure or function.

**0x313BC ( 201660) qpERR\_ABORT\_QSV\_PROC\_USED\_BY\_INDEX** The procedure or function is used by index.

**Cause:** An index is using the procedure or function.

**Action:** Drop the index that is using the procedure or function.

**0x313BD ( 201661) qpERR\_ABORT\_QSV\_DUPLICATE\_PKG** Duplicate package specification or package body names <0%s>

**Cause:** The package specification or package body name already exists in the database.

**Action:** Use another package specification or package body name.

**0x313BE ( 201662) qpERR\_ABORT\_QSV\_NOT\_EXIST\_PACKAGE\_SPECIFICATION** Package specification not found. <0%s>

**Cause:** An attempt was made to create a package body before creating the package specification.

**Action:** Create the package specification before creating the package body.

**0x313BF ( 201663) qpERR\_ABORT\_QSV\_NOT\_EXIST\_PKG** Package not found. <0%s>

**Cause:** The specified package name was not found in the database.

**Action:** Verify that the package or package body exists.

**0x313C0 ( 201664) qpERR\_ABORT\_QSV\_DUPLICATE\_PKG\_SUBPROGRAM** Duplicate procedure or function names found in the package. <0%s>

**Cause:** Duplicate procedure or function names were declared in the package specification.

**Action:** Verify that no duplicate procedure or function names are declared in the package specification.

**0x313C1 ( 201665) qpERR\_ABORT\_QSV\_INVALID\_OR\_MISSING\_SUBPROGRAM** A subprogram [<0%s>] found in the package is missing in the package body.

**Cause:** A subprogram found in the package specification is missing in the package body.

**Action:** Define all of the subprograms from the package specification in the package body.

**0x313C2 ( 201666) qpERR\_ABORT\_QSV\_NOT\_EXIST\_PKG\_BODY** Package body not found. <0%s>

**Cause:** The package body has not been created yet.

**Action:** Create the package body.

**0x313C3 ( 201667) qpERR\_ABORT\_QSV\_INVALID\_IDENTIFIER Identifier must be declared. <0%s>**

**Cause:** The specified identifier is invalid.

**Action:** Check the specified user name or object name.

**0x313C4 ( 201668) qpERR\_ABORT\_QSV\_UNDEFINED\_SUBPROGRAM Undefined subprogram. <0%s>**

**Cause:** The specified subprogram was undefined in the package body.

**Action:** Define the subprogram in the package body.

**0x313C5 ( 201669) qpERR\_ABORT\_QSV\_CANNOT\_DECLARE\_REF\_CURSOR\_VARIABLE Cursor Variables cannot be declared in the package specification.**

**Cause:** A cursor variable was declared in the package specification.

**Action:** Check the variable type.

**0x313C6 ( 201670) qpERR\_ABORT\_QSV\_INVALID\_REFERENCE\_VARIABLE Invalid reference variable**

**Cause:** Invalid reference variable was declared.

**Action:** Check the variable type.

**0x313C7 ( 201671) qpERR\_ABORT\_QSV\_SUBPROGRAM\_INVALID Subprogram must be valid.**

**Cause:** Undefined subprogram was called by another subprogram definition.

**Action:** Change the order of the function definition chronologically.

**0x313CD ( 201677) qpERR\_ABORT\_QSV\_UNDECLARED\_SUBPROGRAM Subprogram was undeclared in the package specification. <0%s>**

**Cause:** A subprogram was undeclared in the package specification.

**Action:** Declare the subprogram in the package specification.

**0x313CE ( 201678) qpERR\_ABORT\_QSV\_VIOLATES\_ASSOCIATED\_PRAGMA Subprogram violates its associated pragma. <0%s>**

**Cause:** A subprogram has violated its associated pragma.

**Action:** Check the pragma.

**0x313CF ( 201679) qpERR\_ABORT\_QSV\_INVALID\_PRAGMA\_RESTRICT\_REFERENCE Pragma RESTRICT\_REFERENCES must be declared in a package specification**

**Cause:** Pragma RESTRICT\_REFERENCES must be declared in a package specification.

**Action:** Check the object type.

**0x313E9 ( 201705) qpERR\_ABORT\_QSV\_INVALID\_PACKAGE\_SPECIFICATION Invalid package specification. <0%s>**

**Cause:** A package specification is invalid.

**Action:** Recompile the package specification.

#### **0x313EB ( 201707)**

**qpERR\_ABORT\_QSV\_CANNOT\_DECLARE\_TWICE\_PRAGMA\_AUTONOMOUS\_TRANSACTION**  
**Pragma**

**AUTONOMOUS\_TRANSACTION cannot be declared twice. <0%s>**

**Cause:** Pragma AUTONOMOUS\_TRANSACTION was declared twice in the same block.

**Action:** Remove the duplicate declaration of the Pragma  
AUTONOMOUS\_TRANSACTION.

#### **0x313EC ( 201708)**

**qpERR\_ABORT\_QSV\_CANNOT\_SPECIFIED\_PRAGMA\_AUTONOMOUS\_TRANSACTION** **Pragma**  
**AUTONOMOUS\_TRANSACTION cannot be specified here. <0%s>**

**Cause:** This pragma AUTONOMOUS\_TRANSACTION must be declared in the  
declarative section of a procedure, a function, a top level psm block.

**Action:** Check the the object type.

**0x313ED ( 201709) qpERR\_ABORT\_QSV\_CANNOT\_USE\_IN\_AUTONOMOUS\_TRANSACTION**  
**Cannot**

**use a reference cursor type in autonomous transaction block. <0%s>**

**Cause:** Cannot use a reference cursor type in autonomous transaction block.

**Action:** Do not use a reference cursor type in autonomous transaction block.

**0x313FF ( 201727) qpERR\_ABORT\_QSV\_PACKAGE\_VARIABLE\_NOT\_HAVE\_RETURN** **The**  
**identifier is not a procedure or is not defined. <0%s>**

**Cause:** The identifier is not a procedure or is not defined.

**Action:** Check the identifier.

**0x31422 ( 201762) qpERR\_ABORT\_QSV\_EXCEPTION\_IS\_NOT\_DECLARED\_IN\_SAME\_BLOCK**  
**PRAGMA EXCEPTION\_INIT of <0%s> must follow declaration of its exception in the**  
**same declarative part. <1%s>**

**Cause:** Place the EXCEPTION\_INIT pragma directly after the exception  
declaration referenced by the pragma.

**Action:** An EXCEPTION\_INIT pragma was not declared in the same block as its  
exception. They must be declared in the proper order in the same block, with the  
pragma declaration following the exception declaration.

**0x31423 ( 201763) qpERR\_ABORT\_QSV\_REDUNDANT\_EXCEPTIONS\_IN\_HANDLER** **Redundant**  
**exceptions <0%s> and <1%s> cannot appear in same exception handler.**  
**<2%s>**

**Cause:** Remove one of the exceptions or initialize it to a different Altibase  
error number.

**Action:** The EXCEPTION\_INIT pragma requires each exception in the exception  
handler to be initialized to a different Altibase error number. Verify that the  
exceptions do not have duplicate error numbers.



**0x31424 ( 201764) qpERR\_ABORT\_QSV\_INVALID\_EXCEPTION\_ERROR\_CODE Illegal Altibase error number <0%d> for PRAGMA EXCEPTION\_INIT. <1%s>**

**Cause:** The error number that was passed to an EXCEPTION\_INIT pragma is out of range.

**Action:** Use a valid error number. For further information about error numbers, refer to the Error Message Reference.

**0x3141E ( 201758) qpERR\_ABORT\_QSV\_NORMAL\_PARAM\_PASSING\_AFTER\_NAMED\_NOTATION A positional argument notation may not follow a name-based one. <0%s>**

**Cause:** In a stored procedure, a normal parameter notation may not follow a named parameter notation.

**Action:** Reference arguments as positional notation first, then do the others as name-based one.

**0x3141F ( 201759) qpERR\_ABORT\_QSV\_WRONG\_PARAM\_NAME\_NOTATION Name of an argument notation does not exist in declared parameters. <0%s>**

**Cause:** Name of a parameter notation doesn't exist in declared parameters.

**Action:** Check the parameters of specified stored procedure.

**0x31420 ( 201760) qpERR\_ABORT\_QSV\_DUPLICATE\_PARAM\_NAME\_NOTATION Multiple notation of the same parameter is used. <0%s>**

**Cause:** Multiple notation of the same parameter is used.

**Action:** Do not reference argument again.

**0x3142B ( 201771) qpERR\_ABORT\_QSV\_TOO\_MANY\_MATCH\_THIS\_CALL Too many declarations match this call. <0%s>**

**Cause:** Too many declarations match this call.

**Action:** Modify this call or its package declaration so that it is unambiguous.

**0x3143E ( 201790) qpERR\_ABORT\_MAX\_OPEN\_CURSOR The number of opened cursor exceeded the maximum limit.**

**Cause:** The number of opened cursor exceeded the maximum limit.

**Action:** Reduce the number of opened cursors.

**0x3143F ( 201791) qpERR\_ABORT\_INVALID\_CURSOR\_OPERATION Invalid cursor operation.**

**Cause:** Invalid cursor operation.

**Action:** Check the cursor variable.

**0x31440 ( 201792) qpERR\_ABORT\_ILLEGAL\_VARIABLE\_NAME Illegal host variable name.**

**Cause:** Illegal host variable name.

**Action:** Check the host variable name.

**0x314B3 ( 201907) qpERR\_ABORT\_QSV\_TOO\_HIGH\_REFERENCE\_DEPTH\_ARG1** The number of recursive calls or references depth exceeded <0%d> in the PSM.

**Cause:** In the process of compiling the PSM, recursive calls or references occurred more than allowed values.

**Action:** Reduce calls or references depth. If necessary, the allowable value can be increased with the Altibase server property.

**0x31151 ( 201041) qpERR\_ABORT\_QSX\_INTERNAL\_SERVER\_ERROR\_ARG [QSX] Internal server error (<0%s>)**

**Cause:** Program Error

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x31153 ( 201043)**

**qpERR\_ABORT\_QSX\_ROWTYPE\_ON\_PARAM\_NOT\_ALLOWED\_ERROR\_SQLTEXT**  
ROWTYPE is not allowed for a parameter declaration. <0%s>

**Cause:** One or more parameters was declared using ROWTYPE.

**Action:** Do not use ROWTYPE for parameter declarations.

**0x31156 ( 201046) qpERR\_ABORT\_QSX\_NOT\_ENOUGH\_MEMORY\_ARG2** Not enough memory to execute the stored procedure or function. <0%s> ( requested size : <1%d> )

**Cause:** There was not enough memory.

**Action:** Install more memory in the system.

**0x31157 ( 201047) qpERR\_ABORT\_QSX\_UNHANDLED\_EXCEPTION** Unhandled exception : <0%s>

**Cause:** The exception is not handled.

**Action:** Add an exception handler that corresponds to the raised exception.

**0x31158 ( 201048) qpERR\_ABORT\_QSX\_FUNCTION\_WITH\_NO\_RETURN** Not all controls of the <0%s> function return a value.

**Cause:** Not all controls of the function return a value.

**Action:** Use a RETURN statement to return a value.

**0x31159 ( 201049) qpERR\_ABORT\_QSX\_STEP\_SIZE\_LE\_ZERO\_SQLTEXT** Step size must be greater than 0 <0%s>

**Cause:** The step size is less than 1.

**Action:** Verify that the step size is greater than 0.

**0x3115A ( 201050) qpERR\_ABORT\_QSX\_TOO\_HIGH\_CALL\_DEPTH\_ARG1** The procedure or function call depth has exceeded <0%d>.

**Cause:** Procedure or function calls are nested too deeply.

**Action:** Verify that the conditions for the recursive call are valid.

**0x3115B ( 201051) qpERR\_ABORT\_QSX\_COMMIT\_USING\_QCI** A stored procedure or function failed to commit using the QCI interface.

**Cause:**

- The stored procedure or function failed to commit.
- This error is thrown only when Altibase is linked with QCI.

**Action:**

- Please send a bug report to the vendor.

**0x3115C ( 201052) qpERR\_ABORT\_QSX\_ROLLBACK\_USING\_QCI A stored procedure or function could not be rolled back using the QCI interface.**

**Cause:**

- The stored procedure or function could not be rolled back.
- This error is thrown only when Altibase is linked with QCI.

**Action:**

- Please send a bug report to the vendor.

**0x3115E ( 201054) qpERR\_ABORT\_QSX\_SQLTEXT\_WRAPPER <0%s> <1%s>**

**Cause:**

- Internal use only

**Action:**

- Internal use only

**0x31162 ( 201058) qpERR\_ABORT\_QSX\_PLAN\_DROPPED A procedure or function was dropped during execution.**

**Cause:** A procedure or function has been dropped.

**Action:** Rewrite the required procedure or function.

**0x31163 ( 201059) qpERR\_ABORT\_QSX\_PLAN\_CHANGED A procedure or function was changed during execution.**

**Cause:** A procedure or function has been changed.

**Action:** Recompile the required procedure or function again.

**0x31164 ( 201060) qpERR\_ABORT\_QSX\_PLAN\_INVALID A procedure or function was invalidated during execution.**

**Cause:** A procedure or function has been invalidated.

**Action:** Recompile the required procedure or function.

**0x31165 ( 201061) qpERR\_ABORT\_QSX\_CONNECTION\_CLOSED The client connection is closed.**

**Cause:** The client connection is closed.

**Action:** Check the network status or check whether the customer application has been terminated.

**0x31166 ( 201062) qpERR\_ABORT\_QSX\_CURSOR\_ALREADY\_OPEN The CURSOR is already open.**

**Cause:** The CURSOR\_ALREADY\_OPEN exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31167 ( 201063) qpERR\_ABORT\_QSX\_DUP\_VAL\_ON\_INDEX Duplicate values in an index**

**Cause:** The DUP\_VAL\_ON\_INDEX exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31168 ( 201064) qpERR\_ABORT\_QSX\_INVALID\_CURSOR Invalid CURSOR**

**Cause:** The INVALID\_CURSOR exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31169 ( 201065) qpERR\_ABORT\_QSX\_INVALID\_NUMBER Invalid number**

**Cause:** The INVALID\_NUMBER exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3116A ( 201066) qpERR\_ABORT\_QSX\_NO\_DATA\_FOUND No data found.**

**Cause:** The NO\_DATA\_FOUND exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3116B ( 201067) qpERR\_ABORT\_QSX\_PROGRAM\_ERROR Program error**

**Cause:** The PROGRAM\_ERROR exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3116C ( 201068) qpERR\_ABORT\_QSX\_STORAGE\_ERROR Storage error**

**Cause:** The STORAGE\_ERROR exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3116D ( 201069) qpERR\_ABORT\_QSX\_TIMEOUT\_ON\_RESOURCE Timeout on resource**

**Cause:** The TIMEOUT\_ON\_RESOURCE exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3116E ( 201070) qpERR\_ABORT\_QSX\_TOO\_MANY\_ROWS Too many rows**

**Cause:** The TOO\_MANY\_ROWS exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3116F ( 201071) qpERR\_ABORT\_QSX\_VALUE\_ERROR Value error**

**Cause:** The VALUE\_ERROR exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31170 ( 201072) qpERR\_ABORT\_QSX\_ZERO\_DIVIDE Divide by zero.**

**Cause:** The ZERO\_DIVIDE exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31171 ( 201073) qpERR\_ABORT\_QSX\_NOT\_ENOUGH\_MEMORY\_ARG\_SQLTEXT There was not enough memory to execute the stored procedure or function. (Requested Size : <0%d>) <1%s>**

**Cause:** Not enough memory

**Action:** Install more memory in the system.

**0x31172 ( 201074) qpERR\_ABORT\_QSX\_NOT\_SUPPORTED\_SQLTEXT Unsupported statement <0%s>**

**Cause:** The statement is not supported.

**Action:** Do not use unsupported statements.

**0x31184 ( 201092) qpERR\_ABORT\_QSX\_STACK\_OVERFLOW Mathematic stack overflow.**

**Cause:** Stack overflow

**Action:** Use the ALTER SESSION SET STACK SIZE statement to increase the stack size.

**0x31210 ( 201232) qpERR\_ABORT\_QSX\_USER\_DEFINED\_EXCEPTION User-Defined Exception.**

**Cause:** User-defined exception raised.

**Action:** No action is necessary.

**0x31213 ( 201235) qpERR\_ABORT\_QSX\_INVALID\_FILEOPEN\_MODE Invalid file open mode.**

**Cause:** The INVALID\_MODE exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31214 ( 201236) qpERR\_ABORT\_QSX\_DIRECTORY\_ACCESS\_DENIED Directory access denied.**

**Cause:** The ACCESS\_DENIED exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31215 ( 201237) qpERR\_ABORT\_QSX\_FILE\_INVALID\_PATH Invalid directory path.**

**Cause:** The INVALID\_PATH exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31216 ( 201238) qpERR\_ABORT\_QSX\_FILE\_INVALID\_FILEHANDLE Invalid file handle.**

**Cause:** The INVALID\_FILEHANDLE exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31217 ( 201239) qpERR\_ABORT\_QSX\_FILE\_INVALID\_OPERATION Invalid file operation.**

**Cause:** The INVALID\_OPERATION exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31218 ( 201240) qpERR\_ABORT\_QSX\_FILE\_DELETE\_FAILED File remove operation failed.**

**Cause:** The DELETE\_FAILED exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31219 ( 201241) qpERR\_ABORT\_QSX\_FILE\_RENAME\_FAILED File rename operation failed.**

**Cause:** The RENAME\_FAILED exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3121A ( 201242) qpERR\_ABORT\_QSX\_FILE\_READ\_ERROR File read error.**

**Cause:** The READ\_ERROR exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x3121B ( 201243) qpERR\_ABORT\_QSX\_FILE\_WRITE\_ERROR File write error.**

**Cause:** The WRITE\_ERROR exception is not handled in the stored procedure or function.

**Action:** Create an exception handler or prevent this exception from being raised.

**0x31231 ( 201265) qpERR\_ABORT\_QSX\_UNSUPPORTED\_ARRAY\_INDEX\_TYPE Unsupported array index type.**

**Cause:** In the INDEX BY clause of an array type declaration, a datatype other than INTEGER or VARCHAR was specified.

**Action:** Use one of the supported key types (INTEGER or VARCHAR) in the INDEX BY clause.

**0x312A4 ( 201380) qpERR\_ABORT\_QSX\_NOT\_QUERY The target of OPEN must be a query.**

**Cause:** The program attempted to perform an OPEN cursor operation on a dynamic statement that was not a query.

**Action:** Ensure that the OPEN cursor operation is performed on a dynamic query statement.

**0x31386 ( 201606) qpERR\_ABORT\_QSX\_PSM\_INSIDE\_QUERY Cannot perform a DML, commit, or rollback inside a query.**

**Cause:** The program attempted to perform a DML, commit, or rollback inside a query.

**Action:** Do not use a DML, COMMIT, or ROLLBACK statement inside a query.

**0x313C8 ( 201672) qpERR\_ABORT\_QSX\_NOT\_EXIST\_SUBPROGRAM\_AND\_VARIABLE Subprogram or variable not found in the package.**

**Cause:** The specified subprogram or variable does not exist in the package.

**Action:** Check the specified subprogram and variable name.

**0x313C9 ( 201673) qpERR\_ABORT\_QSX\_ARRAY\_INDEX\_OVERFLOW The value of index array is out of range.**

**Cause:** The value of the index array is out of range.

**Action:** Check the value of the index array.

**0x313CA ( 201674) qpERR\_ABORT\_QSX\_FUNCTION\_HAS\_OUT\_ARGUMENTS A function having OUT or IN-OUT arguments cannot be invoked inside a query or DML.**

**Cause:** A function having OUT or IN-OUT arguments cannot be invoked inside a query or DML.

**Action:** Check the function's argument types.

**0x313DA ( 201690) qpERR\_ABORT\_QSV\_UNSUPPORTED\_ARRAY\_ELEMENT\_TYPE Unsupported array element type. <0%s>**

**Cause:** Array type is not supported as an array element.

**Action:** Use primitive type or ROWTYPE as an array element.

**0x313EA ( 201706) qpERR\_ABORT\_QSX\_MISMATCHED\_INT0\_LIST\_SQLTEXT** The number of columns in the target list does not match the number of variables in the INTO clause. <0%s>

**Cause:** The number of columns in the target list does not match the number of variables in the INTO clause.

**Action:** Verify that the number of columns and the number of variables are exactly the same.

**0x31439 ( 201785) qpERR\_ABORT\_QSX\_UNINITIALIZED\_ARRAY** An array (element) is not initialized.

**Cause:** An array (element) is not initialized.

**Action:** Verify that a referenced array is initialized.

**0x31457 ( 201815)**

**qpERR\_ABORT\_QSX\_INT0\_OR\_BULK\_COLLECT\_INT0\_CLAUSE\_NOT\_ALLOWED**  
Into clause is not allowed here.

**Cause:** The INTO clause and BULK COLLECTION INTO clause can be used only when executing the syntax of SELECT, SELECT FOR UPDATE, and DEQUEUE.

**Action:** Select and use a query among the syntax of SELECT, SELECT FOR UPDATE or DEQUEUE; otherwise, do not use the INTO clause and BULK COLLECTION INTO clause.

**0x31459 ( 201817) qpERR\_ABORT\_QSX\_INVALID\_OBJ\_RECOMPILE\_FAILED** The attempt to recompile the object was aborted. <0%s> <1%s>

**Cause:** The attempt to recompile the object failed due to creating an invalid statement.

**Action:** Modify the object creating statement.

**0x31471 ( 201841) qpERR\_ABORT\_QSX\_ARRAY\_INDEX\_OUT\_OF\_RANGE** Index out of range for host language array.

**Cause:** An index in the array is either less than one or greater than the maximum size of the host language array.

**Action:** Verify an index in the array or size of the host language array.

**0x31472 ( 201842) qpERR\_ABORT\_QSX\_INVALID\_ARRAY\_BINDING\_PROTOCOL** Invalid host language array binding protocol.

**Cause:** Invalid host language array binding protocol.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x3119F ( 201119) qpERR\_ABORT\_QCC\_CANNOT\_EXEC\_DDL** A DDL statement cannot be executed. Check the EXEC\_DDL\_DISABLE property.

**Cause:** A DDL statement cannot be executed.

**Action:** Check the EXEC\_DDL\_DISABLE property.



**0x31316 ( 201494) qpERR\_ABORT\_QDC\_TOO\_LONG\_PROPERTY** The length of a property name or value is too long.

**Cause:** The length of a property name or value is too long.

**Action:** Check the property name or value.

**0x31322 ( 201506) qpERR\_ABORT\_QDC\_SECURITY\_NOT\_IN\_SERVICE\_PHASE** A security module can be invoked only in the SERVICE phase.

**Cause:** A security module can be invoked only in the SERVICE phase.

**Action:** Do not use the security module in phases other than the SERVICE phase.

**0x313B2 ( 201650) qpERR\_ABORT\_QDC\_AUDIT\_ALREADY\_STARTED** Audit has already started.

**Cause:** Audit has already started.

**Action:** Stop auditing and try to start again.

**0x313B3 ( 201651) qpERR\_ABORT\_QDC\_AUDIT\_NO\_AUDIT\_CONDITION\_EXISTS** No audit condition exists.

**Cause:** There is no audit condition.

**Action:** Check the audit conditions.

**0x313B4 ( 201652) qpERR\_ABORT\_QDC\_AUDIT\_NO\_AUDIT\_CONDITION\_EXISTS\_ON\_THE\_OBJ** NO audit condition exists on <0%s>

**Cause:** There is no audit condition on the object.

**Action:** Check the audit conditions on the object.

**0x313B5 ( 201653) qpERR\_ABORT\_QDC\_AUDIT\_NOT\_STARTED** Audit is not running.

**Cause:** Auditing has not been started.

**Action:** Start auditing first.

**0x3145A ( 201818) qpERR\_ABORT\_QDC\_SNAPSHOT\_NOT\_IN\_SERVICE\_PHASE** Snapshot cannot be run since the database is in the service phase.

**Cause:** Snapshot can be running when the database is in the service phase.

**Action:** Retry the statement only with the service phase.

**0x31376 ( 201590) qpERR\_ABORT\_QDM\_NOT\_SUPPORTED\_REFRESH\_OPTION** Refresh option not supported

**Cause:** The refresh option is not supported.

**Action:** Check the SQL statement.

**0x31377 ( 201591) qpERR\_ABORT\_QDM\_RENAME\_NOT\_SUPPORT\_MVIEW** Cannot rename materialized views.

**Cause:** An attempt was made to rename a materialized view.

**Action:** Check the name and type of the table to be renamed.

**0x313D7 ( 201687) qpERR\_ABORT\_QDM\_ACCESS\_NOT\_SUPPORT\_MVIEW Cannot set or change access mode of materialized views.**

**Cause:** An attempt was made to set or change the access mode of a materialized view.

**Action:** Do not attempt to change the access mode of a materialized view.

**0x311B0 ( 201136) qpERR\_ABORT\_QDP\_SELF\_GRANT\_OR\_REVOKE A user cannot grant or revoke privileges to the same user.**

**Cause:** A user cannot grant or revoke privileges to the same user.

**Action:** Connect as a user other than the grantee.

**0x311B1 ( 201137) qpERR\_ABORT\_QDP\_INSUFFICIENT\_PRIVILEGES The user must have <0%s> privilege(s) to execute this statement.**

**Cause:** The user must have sufficient privileges to execute this statement.

**Action:** Check the user's privileges.

**0x311B2 ( 201138) qpERR\_ABORT\_QDP\_REVOKE\_PRIV\_NOT\_GRANTED Unable to revoke privileges because they have not been granted (Privilege ID = <0%d>).**

**Cause:** It is impossible to revoke privileges that have not been granted.

**Action:** Check the granted privileges.

**0x311B3 ( 201139) qpERR\_ABORT\_QDP\_DUPLICATE GRANTEE Duplicate grantee names <0%s>**

**Cause:** Duplicate grantee names

**Action:** Check the specified grantee name.

**0x311B4 ( 201140) qpERR\_ABORT\_QDP\_DUPLICATE\_PRIVILEGE Duplicate privilege names : <0%s>**

**Cause:** Duplicate privilege names

**Action:** Check the specified privilege name.

**0x311B5 ( 201141) qpERR\_ABORT\_QDP\_WITHOUT\_CASCADE\_OPTION A user refers to the table.**

**Cause:** The CASCADE CONSTRAINTS option must be specified to perform this REVOKE statement.

**Action:** Specify the CASCADE CONSTRAINTS option.

**0x311B6 ( 201142) qpERR\_ABORT\_QDP\_NOT\_ALLOWED\_PRIV <0%s> privilege is not allowed for this object.**

**Cause:** This privilege is not allowed for this object.

**Action:** Check the privileges.

**0x311B7 ( 201143) qpERR\_ABORT\_QDP\_NOT\_EXISTS\_OBJECT Object not found. The name of the specified object was not found in the database. <0%s>**

**Cause:** The name of the specified object was not found in the database.

**Action:** Verify that the object exists in the database.

**0x311BA ( 201146) qpERR\_ABORT\_QMO\_TERM\_TOOMANY Normalized term is too big.**

**Cause:** The normalized term is too large.

**Action:** Tune the query string.

**0x311BF ( 201151) qpERR\_ABORT\_QDP\_NO\_GRANT\_DML\_PRIV\_OF\_META\_TABLE Unable to insert, delete, or update meta tables.**

**Cause:** Meta tables cannot be inserted, deleted, or updated.

**Action:** Check the name and type of the table.

**0x31206 ( 201222) qpERR\_ABORT\_QDP\_EXISTS\_PRIVILEGE <0%s> already has privileges (Privilege ID = <1%d>).**

**Cause:** You attempted to grant privileges to a grantee who already has those privileges.

**Action:** Check the grantee's privileges.

**0x3122F ( 201263) qpERR\_ABORT\_QDP\_NOT\_EXIST\_PRIVILEGE Privilege does not exist. <0%s>**

**Cause:** This privilege does not exist in the database.

**Action:** Verify that the name of the privilege is correct. Refer to the SQL User's Manual.

**0x312DF ( 201439) qpERR\_ABORT\_QDP\_INVALID\_DB\_CHAR\_SET An invalid database character set was specified.**

**Cause:** UTF16 cannot be used as the database character set.

**Action:** Ensure that the specified national character set is valid.

**0x312E0 ( 201440) qpERR\_ABORT\_QDP\_INVALID\_NATIONAL\_CHAR\_SET An invalid national character set was specified [Only UTF8 and UTF16]**

**Cause:** Only UTF8 and UTF16 can be used as the national character set.

**Action:** Ensure that the specified national character set is valid.

**0x31339 ( 201529) qpERR\_ABORT\_QDP\_GRANT\_NOT\_SUPPORT\_OBJ This object is not allowed in a GRANT statement. <0%s>**

**Cause:** The GRANT statement can only be executed on user tables.

**Action:** Check the object type.

**0x313D8 ( 201688) qpERR\_ABORT\_QDP\_GRANT\_INSUFFICIENT\_PRIVILEGES The user has insufficient privileges.**

**Cause:** The user cannot grant the object privilege.

**Action:** Check the privileges of the user.

**0x31400 ( 201728) qpERR\_ABORT\_QDP\_NOT\_EXISTS\_ROLE Role does not exist. <0%s>**

**Cause:** The specified role does not exist.

**Action:** Check whether the role exists.

**0x31401 ( 201729) qpERR\_ABORT\_QDP\_NOT\_SUPPORTED\_ROLE\_TO\_PUBLIC Cannot grant a role to PUBLIC.**

**Cause:** The statement for granting a role to PUBLIC is currently unsupported.

**Action:** Do not grant a role to PUBLIC.

**0x31402 ( 201730) qpERR\_ABORT\_QDP\_NOT\_SUPPORTED\_ROLE\_TO\_ROLE Cannot grant a role to another role.**

**Cause:** The statement for granting a role to another role is not currently supported.

**Action:** Do not grant a role to another role.

**0x31403 ( 201731) qpERR\_ABORT\_QDP\_NOT\_SUPPORTED\_ROLE\_WITH\_GRANT\_OPTION Cannot GRANT to a role WITH GRANT OPTION.**

**Cause:** The WITH GRANT OPTION cannot be granted to a role.

**Action:** GRANT without WITH GRANT OPTION.

**0x31406 ( 201734) qpERR\_ABORT\_QDP\_REVOKE\_PRIV\_NOT\_GRANTED\_ROLE Unable to revoke an ungranted role. <0%s>**

**Cause:** The specified role cannot be revoked as it has not been granted.

**Action:** Check the granted roles.

**0x31407 ( 201735) qpERR\_ABORT\_QDP\_EXISTS\_ROLE <0%s> already has role. <1%s>**

**Cause:** A role cannot be granted to a grantee that already has that role.

**Action:** Check the grantee's role.

**0x311BC ( 201148) qpERR\_ABORT\_QDV\_ALIAS\_NAME\_IS\_LEVEL "LEVEL" cannot be used as an alias name. <0%s>**

**Cause:** "LEVEL" cannot be used as an alias name.

**Action:** Specify another alias name.

**0x311BD ( 201149) qpERR\_ABORT\_QCV\_DML\_ON\_READ\_ONLY\_VIEW A DML statement cannot be executed on a read-only view. <0%s>**

**Cause:** A DML statement cannot be executed on a read-only view.

**Action:** Verify that the view is not read-only.

**0x311BE ( 201150) qpERR\_ABORT\_QDV\_INVALID\_VIEW The view is invalid. <0%s>**

**Cause:** The view is invalid.

**Action:** Recompile the view.

**0x311C1 ( 201153) qpERR\_ABORT\_QDV\_NOT\_EXISTS\_VIEW View not found**

**Cause:** The name of the specified view was not found in the database.

**Action:** Verify that the view name is correct.

**0x311C2 ( 201154) qpERR\_ABORT\_QDV\_CIRCULAR\_VIEW Circular view definition detected <0%s>**

**Cause:** A circular view definition has been detected.

**Action:** Remove the circular view definition.

**0x3122C ( 201260) qpERR\_ABORT\_QDV\_DDL\_ON\_VIEW A view is not appropriate here. <0%s>**

**Cause:** A view is not appropriate here.

**Action:** Verify that the specified table is not a view.

**0x31297 ( 201367) qpERR\_ABORT\_QDV\_ALIAS\_NAME\_IS\_ROWNUM "ROWNUM" cannot be used as an alias name. <0%s>**

**Cause:** "ROWNUM" cannot be used as an alias name.

**Action:** Specify another alias name.

**0x313CB ( 201675) qpERR\_ABORT\_QDB\_NOT\_ALLOWED\_FOREIGN\_KEY\_CONSTRAINT A CREATE TABLE AS SELECT statement with foreign key constraints is not allowed.**

**Cause:** A CREATE TABLE AS SELECT statement with foreign key constraints is not allowed.

**Action:** Remove the foreign key constraint.

**0x31414 ( 201748) qpERR\_ABORT\_QDT\_DB\_MAXSIZE\_EXCEED The total size of all disk tablespaces exceeds the maximum limit. (max size : <0%u>MB, available size : <1%u>MB)**

**Cause:** The total size of all disk tablespaces exceeds the maximum limit.

**Action:** Reduce the size of the tablespace that is being altered with the CREATE TABLESPACE or ALTER TABLESPACE statement.

**0x311D7 ( 201175) qpERR\_ABORT\_QDT\_DUPLICATE\_TBS\_NAME Duplicate tablespace names**

**Cause:** Duplicate tablespace names.

**Action:** Check the specified tablespace name.

**0x311D8 ( 201176) qpERR\_ABORT\_QDT\_NOT\_EXIST\_TBS Tablespace not found. The name of the specified tablespace was not found in the database.**

**Cause:** The name of the specified tablespace was not found in the database.

**Action:** Verify that the tablespace exists in the database. Verify that there is no typo in the tablespace name.

**0x311D9 ( 201177) qpERR\_ABORT\_QDT\_NOT\_EXIST\_FILE File not found. The name of the specified file was not found in the database.**

**Cause:** The name of the specified file was not found in the database.

**Action:** Verify that the file exists in the database. Verify that there is no typo in the file name.

**0x311DA ( 201178) qpERR\_ABORT\_QDT\_MISMATCH\_TBS\_TYPE Mismatched tablespace type. The type of the tablespace and the type of the file are different.**

**Cause:** The type of the tablespace and the type of the file are different.

**Action:** Provide a suitable type for the tablespace and file.

**0x311DB ( 201179) qpERR\_ABORT\_QDT\_NO\_DROP\_SYSTEM\_TBS Unable to drop the SYSTEM tablespace.**

**Cause:** The SYSTEM tablespace cannot be dropped.

**Action:** Check the tablespace name.

**0x311DC ( 201180) qpERR\_ABORT\_QDT\_REFERENTIAL\_CONSTRAINT\_EXIST A dependent foreign key constraint was found in another tablespace.**

**Cause:** An object in another tablespace depends on an object in the specified tablespace via foreign key constraints.

**Action:** Drop the dependent object first, and then try to execute this statement again.

**0x311DD ( 201181) qpERR\_ABORT\_QDT\_OBJECT\_EXIST The tablespace has objects.**

**Cause:** The tablespace has objects.

**Action:** Check whether there are unnecessary objects in the tablespace. If so, delete them explicitly or use the DROP TABLESPACE ... INCLUDING CONTENTS statement.

**0x311DE ( 201182) qpERR\_ABORT\_QDT\_NO\_CREATE\_IN\_SYSTEM\_TBS It is forbidden to create objects in a DICTIONARY, UNDO or TEMP tablespace.**

**Cause:** The user tried to create objects in a DICTIONARY, UNDO or TEMP tablespace.

**Action:** Do not create objects in a DICTIONARY, UNDO or TEMP tablespace. Create objects in other tablespaces.

**0x311DF ( 201183) qpERR\_ABORT\_QDT\_NO\_ACCESS\_TBS You cannot access the tablespace.**

**Cause:** You cannot access the tablespace.

**Action:** Get access privileges on the specified tablespace.

**0x311E0 ( 201184) qpERR\_ABORT\_QDX\_MAXIMUM\_KEY\_SIZE\_EXCEED The estimated size of the index key exceeds the maximum limit.**

**Cause:** The estimated size of the index key exceeds the maximum limit.

**Action:** Reduce the number of key columns.

**0x311E1 ( 201185) qpERR\_ABORT\_QDB\_INVALID\_INSERT\_HIGH\_LIMIT Invalid INSERT HIGH LIMIT value**

**Cause:** An INSERT HIGH LIMIT value must be between 0 and 100.

**Action:** Check the INSERT HIGH LIMIT value.

**0x311E2 ( 201186) qpERR\_ABORT\_QDB\_INVALID\_INSERT\_LOW\_LIMIT Invalid INSERT LOW LIMIT value**

**Cause:** An INSERT LOW LIMIT value must be between 0 and 100.

**Action:** Check the INSERT LOW LIMIT value.

**0x311E3 ( 201187) qpERR\_ABORT\_QDT\_ERR\_INVALID\_DATA\_TBS Invalid data tablespace**

**Cause:** The tablespace is not a data tablespace.

**Action:** Check the tablespace name.

**0x311E4 ( 201188) qpERR\_ABORT\_QDT\_ERR\_INVALID\_TEMP\_TBS Invalid temporary tablespace**

**Cause:** The tablespace is not a temporary tablespace.

**Action:** Check the tablespace name.

**0x311E5 ( 201189) qpERR\_ABORT\_QDB\_NO\_MEMORY\_OR\_VOLATILE\_TABLE The table is not a memory or volatile table.**

**Cause:** The table is not a memory or volatile table.

**Action:** Check the table name.

**0x312EB ( 201451) qpERR\_ABORT\_QDB\_NO\_DISK\_TABLE The table is not a disk table.**

**Cause:** The table is not a disk table.

**Action:** Check the table name.

**0x312EC ( 201452) qpERR\_ABORT\_QDB\_NO\_DISK\_INDEX The index is not a disk index.**

**Cause:** The index is not a disk index.

**Action:** Check the index name.

**0x311E6 ( 201190) qpERR\_ABORT\_QDX\_UNSUPPORTED\_INDEXTYPE Unsupported index type.**

**Cause:** R-tree is not supported for disk tablespaces.

**Action:** Check the type of the index.

**0x311E7 ( 201191) qpERR\_ABORT\_QDT\_CANNOT\_ONOFFLINE Unable to bring the specified tablespace online or offline.**

**Cause:** The specified tablespace is not a user or temp tablespace.

**Action:** Check the specified tablespace.

**0x311E8 ( 201192) qpERR\_ABORT\_QDT\_INVALID\_NEXT\_SIZE Invalid NEXT SIZE value.**

**Cause:** The NEXT SIZE value should be more than EXTEND SIZE value when AUTOEXTEND is on.

**Action:** Check the specified NEXT SIZE value.

**0x311E9 ( 201193) qpERR\_ABORT\_QCV\_NOT\_ALLOWED\_GROUPING\_SET** Grouping set is not allowed.

**Cause:** A grouping set is not allowed.

**Action:** Verify that no grouping set is used.

**0x311EA ( 201194) qpERR\_ABORT\_QDT\_EXIST\_FILE** The specified file is already in use by another tablespace.

**Cause:** The specified file is already in use by another tablespace.

**Action:** Try again later.

**0x311EC ( 201196) qpERR\_ABORT\_QDX\_INVALID\_INDEX\_MEDIA** The type (memory/disk/volatile) of tablespace in which to create the index is not the same as the type of the table.

**Cause:** The user tried to create an index in an invalid tablespace.

**Action:** To create an index, use a memory tablespace for a memory table, a disk tablespace for a disk table, or a volatile tablespace for a volatile table.

**0x311ED ( 201197) qpERR\_ABORT\_QDN\_NOT\_ALLOWED\_PRIMARY\_AND\_UNIQUE\_KEY** Unable to create a primary key or a unique key constraint for the data type (GEOMETRY,LOB). <0%>

**Cause:** The user tried to create a primary key or a unique key constraint for the specified (GEOMETRY,LOB) data type.

**Action:** Do not create a primary key or a unique key constraint for the specified (GEOMETRY,LOB) data type.

**0x31200 ( 201216) qpERR\_ABORT\_QDT\_INVALID\_EXTENTSIZE** The extent size EXTENTSIZE must be greater than PAGESIZE \* 2.

**Cause:** The user tried to create a tablespace with an invalid (too small) extent size.

**Action:** Create a tablespace with a valid (greater than PAGESIZE \* 2) extent size.

**0x31245 ( 201285) qpERR\_ABORT\_QDT\_NO\_CREATE\_LOB\_TYPE\_IN\_TBS** Unable to create a LOB type column with the specified tablespace.

**Cause:** Unable to create a LOB type column with the specified tablespace.

**Action:** Check the specified tablespace.

**0x3124F ( 201295) qpERR\_ABORT\_QDT\_DUPLICATE\_CHECKPOINT\_PATH** Duplicate checkpoint path

**Cause:** Duplicate checkpoint path

**Action:** Check the specified checkpoint path.

**0x31250 ( 201296) qpERR\_ABORT\_QDT\_NO\_MEM\_TBS\_SPLIT\_FILE\_SIZE** No SPLIT EACH clause.

**Cause:** There is no SPLIT EACH clause.



**Action:** Specify a SPLIT EACH clause.

**0x31251 ( 201297) qpERR\_ABORT\_QDT\_INVALID\_ALTER\_ON\_DISK\_TBS Invalid ALTER DISK TABLESPACE Statement. The tablespace to alter is not a disk tablespace.**

**Cause:** The user has tried to use an ALTER DISK TBS statement that is not allowed for a non-disk tablespace.

**Action:** Verify that the tablespace type and ALTER statement match.

**0x31252 ( 201298) qpERR\_ABORT\_QDT\_INVALID\_ALTER\_ON\_MEM\_TBS Invalid ALTER MEMORY TABLESPACE Statement. The tablespace to alter is not a memory tablespace.**

**Cause:** The user has tried to use an ALTER MEMORY TBS statement that is not allowed for a non-memory tablespace.

**Action:** Verify that the tablespace type and ALTER statement match.

**0x31253 ( 201299) qpERR\_ABORT\_QDT\_INVALID\_ALTER\_ON\_VOLATILE\_TBS Invalid ALTER VOLATILE TABLESPACE Statement. The tablespace to alter is not a volatile tablespace.**

**Cause:** The user has tried to use an ALTER VOLATILE TBS statement that is not allowed for a non-volatile tablespace.

**Action:** Verify that the tablespace type and ALTER statement match.

**0x31254 ( 201300) qpERR\_ABORT\_QDT\_INVALID\_ALTER\_ON\_MEM\_OR\_VOL\_TBS Invalid ALTER TABLESPACE Statement. The tablespace to alter is neither a volatile tablespace nor a memory tablespace.**

**Cause:** The user has tried to use an ALTER VOLATILE TBS statement that is not allowed for a non-volatile or non-memory tablespace.

**Action:** Verify that the tablespace type and ALTER statement match.

**0x31255 ( 201301) qpERR\_ABORT\_QDT\_CANNOT\_DISCARD Unable to discard the specified tablespace.**

**Cause:** The specified tablespace is not a user or temp tablespace.

**Action:** Check the specified tablespace.

**0x31256 ( 201302) qpERR\_ABORT\_QDT\_CANNOT\_ALTER\_SYSTEM\_TABLESPACE Unable to alter the system tablespace.**

**Cause:** The specified tablespace is not a user or temp tablespace.

**Action:** Check the specified tablespace.

**0x3128B ( 201355) qpERR\_ABORT\_QDT\_PART\_TABLE\_IN\_DIFFERENT\_TBS A partitioned table contains partitions in different tablespaces.**

**Cause:** A partitioned table contains partitions in different tablespaces.

**Action:** Drop the partitioned table first, and then retry this statement.

**0x3128C ( 201356) qpERR\_ABORT\_QDT\_PART\_INDEX\_IN\_DIFFERENT\_TBS A partitioned index contains partitions in different tablespaces.**

**Cause:** A partitioned index contains partitions in different tablespaces.

**Action:** Drop the partitioned index first, and then retry this statement.

**0x31295 ( 201365) qpERR\_ABORT\_QDT\_ERR\_INVALID\_USER\_DEFAULT\_TEMP\_TBS Invalid user default temporary tablespace ( ID : <0%d> )**

**Cause:** The user default temporary tablespace is invalid.

**Action:** Check the user default temporary tablespace.

**0x312A0 ( 201376) qpERR\_ABORT\_QDT\_DUPLICATE\_TBS\_ATTRIBUTE Duplicate tablespace attribute. <0%s>**

**Cause:** The user tried to specify a duplicate attribute name in the list of tablespace attributes.

**Action:** Check the list of tablespace attributes.

**0x312A9 ( 201385) qpERR\_ABORT\_QDT\_UNABLE\_TO\_COMPRESS\_VOLATILE\_TBS\_LOG Log compression is not supported for volatile tablespaces.**

**Cause:** The user tried to compress a volatile tablespace log.

**Action:** No action is necessary.

**0x312E1 ( 201441) qpERR\_ABORT\_QDT\_NON\_ASCII\_TBS\_NAME Invalid tablespace name character set.**

**Cause:** Invalid tablespace name character set.

**Action:** Use the ASCII character set for tablespace names.

**0x312E6 ( 201446) qpERR\_ABORT\_QDT\_CANNOT\_RENAME\_SYS\_TBS The system tablespace cannot be renamed.**

**Cause:** Renaming system tablespace is not allowed.

**Action:** Check if the specified tablespace is the system tablespace.

**0x31365 ( 201573) qpERR\_ABORT\_QDT\_DROP\_TBS\_DISABLE\_BECAUSE\_TEMP\_TABLE Could not drop volatile tablespace**

**Cause:** The volatile tablespace could not be dropped because it contains one or more temporary tables.

**Action:** Truncate all temporary tables in the volatile tablespace and try again.

**0x3145D ( 201821)**

**qpERR\_ABORT\_QDT\_CANNOT\_USE\_USER\_MEMORY\_TABLESPACE\_IN\_DISK\_EDITION Memory tablespace created by a user cannot be used in the disk edition. (Tablespace : <0%s>)**

**Cause:** Only disk/volatile tablespace is allowed to use in the disk edition.

**Action:** Use disk or volatile tablespace, otherwise purchase the standard/enterprise edition.

**0x311EE ( 201198) qpERR\_ABORT\_TRIGGER\_INVALID\_REFERENCING\_GRANULARITY A REFERENCING clause can be used only in a FOR EACH ROW context.**

**Cause:** A REFERENCING clause is used without a FOR EACH ROW option.

**Action:** Use the FOR EACH ROW option.

**0x311EF ( 201199) qpERR\_ABORT\_TRIGGER\_UNSUPPORTED\_EVENT\_TIMING** Unsuported trigger event timing. Event timing using the BEFORE trigger is not supported yet. Use AFTER trigger event timing instead.

**Cause:** BEFORE trigger event timing was used.

**Action:** Do not use BEFORE trigger event timing.

**0x311F1 ( 201201) qpERR\_ABORT\_TRIGGER\_DUPLICATED\_NAME** Duplicate trigger names <0%s>

**Cause:** The same trigger name already exists in the database.

**Action:** Use another trigger name.

**0x311F2 ( 201202) qpERR\_ABORT\_TRIGGER\_NOT\_EXIST** Trigger not found <0%s>

**Cause:** The trigger does not exist.

**Action:** Check the trigger name.

**0x311F3 ( 201203) qpERR\_ABORT\_TRIGGER\_INVALID\_REFERENCING** Invalid referencing keyword on DML event

**Cause:** The NEW[/OLD] referencing keyword cannot be used in a DELETE[/INSERT] statement.

**Action:** In a DELETE statement, use the OLD referencing keyword. In an INSERT statement, use the NEW referencing keyword.

**0x311F5 ( 201205) qpERR\_ABORT\_TRIGGER\_WHEN\_SUBQUERY** A subquery is not allowed as part of a WHEN condition <0%s>.

**Cause:** The WHEN condition contains a subquery.

**Action:** Do not use a subquery as part of the WHEN condition.

**0x311F6 ( 201206) qpERR\_ABORT\_TRIGGER\_PSM** A trigger cannot invoke a stored procedure or function <0%s>.

**Cause:** A trigger cannot invoke a stored procedure or function.

**Action:** Do not reference a stored procedure or function in the trigger.

**0x311F7 ( 201207) qpERR\_ABORT\_TRIGGER\_INVALID\_ACTION\_STMT** The action body of the trigger cannot contain a restricted statement. <0%s>

**Cause:** The action body of the trigger contains a transaction control statement or a call to a stored procedure or function.

**Action:** Do not use a transaction control statement. Do not invoke a stored procedure or function.

**0x311F8 ( 201208) qpERR\_ABORT\_TRIGGER\_CYCLE\_DETECTED** The action body of the trigger cannot contain a cyclic modification.

**Cause:** The action body of the trigger contains a cyclic modification.

**Action:** Remove the cyclic modification from the action body of the trigger.

**0x311F9 ( 201209) qpERR\_ABORT\_TRIGGER\_RECOMPILE** The attempt to recompile the trigger <0%s> was aborted because the creation statement was invalid. : <1%s> <2%s>

**Cause:** The attempt to recompile the trigger failed because the creation statement was invalid.

**Action:** Check the trigger creation statement.

**0x311FA ( 201210) qpERR\_ABORT\_TRIGGER\_UNSUPPORTED** Unsupported trigger feature. <0%s>

**Cause:** Unsupported trigger feature (Ex> BEFORE Event, TABLE Referencing )

**Action:** Do not use features that are not supported for triggers.

**0x311FB ( 201211) qpERR\_ABORT\_TRIGGER\_WHEN\_REFERENCING** A WHEN condition requires a REFERENCING clause.

**Cause:** A WHEN condition is used without a REFERENCING clause.

**Action:** Use the WHEN condition with a REFERENCING clause.

**0x311FC ( 201212) qpERR\_ABORT\_TRIGGER\_INVALID\_TABLE\_NAME** Invalid trigger object. <0%s>

**Cause:** The user tried to create a trigger for a non-user table, for example: a sequence, a view, etc.

**Action:** Attempt this action on a normal user table.

**0x311FD ( 201213) qpERR\_ABORT\_NO\_DDL\_FOR\_META** No DDL (data definition language) statements can be executed on meta tables

**Cause:** DDL execution on meta tables is not allowed.

**Action:** Do not execute DDL statements on meta tables.

**0x3122E ( 201262) qpERR\_ABORT\_INVALID\_TRIGGER\_TYPE** Invalid trigger type

**Cause:** An invalid trigger type was used.

**Action:** Specify either INSERT, UPDATE or DELETE.

**0x312F0 ( 201456) qpERR\_ABORT\_TRIGGER\_INVALID\_TABLE\_OWNER\_NAME** The table owner's name is required when the trigger owner's name is specified. <0%s>

**Cause:** The table owner's name was not specified but the trigger owner's name was specified.

**Action:** Specify the table owner's name.

**0x31346 ( 201542) qpERR\_ABORT\_TRIGGER\_UNSUPPORTED\_INSTEAD\_OF\_EACH\_STMT** The FOR EACH STATEMENT clause is not supported for use with INSTEAD OF triggers.

**Cause:** The FOR EACH STATEMENT clause was specified in an INSTEAD OF trigger creation statement.

**Action:** Do not use the FOR EACH STATEMENT clause with an INSTEAD OF trigger.

**0x31347 ( 201543) qpERR\_ABORT\_TRIGGER\_UNSUPPORTED\_INSTEAD\_OF\_WHEN\_COND WHEN conditions are not supported for use with INSTEAD OF triggers.**

**Cause:** A WHEN condition was specified in an INSTEAD OF trigger creation statement.

**Action:** Do not use a WHEN condition with an INSTEAD OF trigger.

**0x31348 ( 201544) qpERR\_ABORT\_TRIGGER\_UNSUPPORTED\_INSTEAD\_OF\_COLUMN\_LIST UPDATE OF trigger events are not supported for use with INSTEAD OF triggers.**

**Cause:** An UPDATE OF trigger event was specified in an INSTEAD OF trigger creation statement.

**Action:** Do not specify an UPDATE OF trigger event with an INSTEAD OF trigger.

**0x31349 ( 201545) qpERR\_ABORT\_TRIGGER\_INSTEAD\_OF\_NOT\_VIEW INSTEAD OF triggers can only be used with views.**

**Cause:** An attempt was made to define an INSTEAD OF trigger based on an object other than a view.

**Action:** Specify a view in the ON clause of an INSTEAD OF trigger.

**0x3134A ( 201546) qpERR\_ABORT\_TRIGGER\_BEFORE\_AFTER\_VIEW BEFORE and AFTER triggers are not supported for use with views.**

**Cause:** An attempt was made to define a BEFORE or AFTER trigger based on a view.

**Action:** Specify a user table in the ON clause of a BEFORE or AFTER trigger.

**0x31207 ( 201223) qpERR\_ABORT\_NOT\_FOUND\_SYNONYM The specified synonym was not found**

**Cause:** The synonym does not exist.

**Action:** Check the statement.

**0x31208 ( 201224) qpERR\_ABORT\_SAME\_SYNONYM Unable to create a synonym with the same name as the object**

**Cause:** The synonym and target object are the same.

**Action:** Check the statement.

**0x31319 ( 201497) qpERR\_ABORT\_CIRCULAR\_SYNONYM Circular synonym definition detected. <0%s>**

**Cause:** The synonym forms a circular loop.

**Action:** Check the synonym definition.

**0x3131B ( 201499) qpERR\_ABORT\_SYNONYM\_RESOLVE\_OVERFLOW Over <0%s> consecutive synonyms cannot be resolved. <1%s>**

**Cause:** A large number of consecutive synonyms cannot be resolved.

**Action:** Check the statement.

**0x3118D ( 201101) qpERR\_ABORT\_QSF\_FUNCTION\_NOT\_ALLOWED** This function is executable only in an execute procedure/function statement.

**Cause:** The function was called in DML.

**Action:** Use this function only in an EXECUTE statement.

**0x3120C ( 201228) qpERR\_ABORT\_QSF\_INVALID\_FILEOPEN\_MODE** Invalid file open mode.

**Cause:** An invalid value was specified for the file open mode.

**Action:** Correct the mode so that it is one of the values: 'r', 'a', or 'w'.

**0x3120D ( 201229) qpERR\_ABORT\_QSF\_DIRECTORY\_ACCESS\_DENIED** Directory access denied.

**Cause:** A directory object was specified for which access has not been granted.

**Action:** Grant access to the directory object using the statement GRANT READ[WRITE] ON DIRECTORY [object] TO [username].

**0x31211 ( 201233) qpERR\_ABORT\_QSF\_INVALID\_ERROR\_RANGE** Error number argument to raise\_application\_error of <0%d> is out of range.

**Cause:** An attempt was made to specify a number that does not fall within the allowed range.

**Action:** Use an error number in the range of 990000 to 991000, inclusive.

**0x31227 ( 201255) qpERR\_ABORT\_QSF\_INVALID\_IPADDRESS** The Internet address is incorrectly formed or is nonexistent.

**Cause:** The internet address is incorrectly formed or does not exist.

**Action:** Enter the internet address in its correct form and retry.

**0x31228 ( 201256) qpERR\_ABORT\_QSF\_INVALID\_PORT** The port number is not valid.

**Cause:** The port number is out of range.

**Action:** Enter a valid port number (a positive integer value between 1025 and 65535. and retry.

**0x31229 ( 201257) qpERR\_ABORT\_QSF\_INVALID\_TTL** The ttl is not valid.

**Cause:** The ttl is out of range.

**Action:** Enter a valid ttl (positive integer value between 0 and 255) and retry.

**0x3122A ( 201258) qpERR\_ABORT\_QSF\_SOCKET\_FAILED\_SENDMSG** failed due to failure opening or setting the socket.

**Cause:** The system failed to open or set the socket.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x3122B ( 201259) qpERR\_ABORT\_QSF\_SENDMSG\_FAILED SENDMSG failed due to an internal error while doing the actual send.**

**Cause:** The system failed to execute the SENDMSG command.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x3125A ( 201306) qpERR\_ABORT\_QSX\_TABLE\_MODIFIED The table structure has been modified. <0%s>**

**Cause:** The table structure has been modified.

**Action:** Execute the query again.

**0x31413 ( 201747) qpERR\_ABORT\_QSF\_RECURSIVE\_CALL\_TO\_DCEP\_IS\_NOT\_ALLOWED A recursive call to DBMS\_CONCURRENT\_EXEC package is not allowed.**

**Cause:** A recursive call to DBMS\_CONCURRENT\_EXEC package is not allowed.

**Action:** Do not call recursively to DBMS\_CONCURRENT\_EXEC package.

**0x3147A ( 201850) qpERR\_ABORT\_QSF\_NO\_ROWS\_DELETED No rows deleted.**

**Cause:** There is no matching data in USER\_SRS\_ meta table.

**Action:** Check the USER\_SRS\_ meta table for data that matches SRID argument and AUTH\_NAME argument.

**0x31416 ( 201750) qpERR\_ABORT\_QCI\_DISABLED\_TCP The user cannot connect using TCP.**

**Cause:** This user cannot connect using TCP.

**Action:** Connect using SSL/UNIX domain/IPC. JAVA users can change the connection method in the application (for iSQL, change the value of the iSQL\_CONNECTION environment variable).

**0x3121F ( 201247) qpERR\_ABORT\_QDQ\_QUEUE\_ALTER\_DENIED Cannot alter queue table**

**Cause:** A queue table cannot be altered.

**Action:** Use drop queue / create queue.

**0x31220 ( 201248) qpERR\_ABORT\_QDQ\_QUEUE\_DML\_DENIED Cannot execute DML statements on queue table**

**Cause:** DML statements cannot be executed on queue tables.

**Action:** Use enqueue or dequeue instead.

**0x31221 ( 201249) qpERR\_ABORT\_QDQ\_TABLE\_ENQUEUE\_DENIED Cannot use an ENQUEUE statement on a normal table**

**Cause:** An ENQUEUE statement cannot be used on a normal table.

**Action:** Do not use the ENQUEUE statement on a normal table.

**0x31222 ( 201250) qpERR\_ABORT\_QDQ\_TABLE\_DEQUEUE\_DENIED Cannot use a DEQUEUE statement on a normal table**

**Cause:** A DEQUEUE statement cannot be used on a normal table.

**Action:** Do not use the DEQUEUE statement on a normal table.

**0x31223 ( 201251) qpERR\_ABORT\_QDQ\_TABLE\_DROP\_QUEUE\_DENIED Cannot use a DROP QUEUE statement on a normal table**

**Cause:** DROP QUEUE statements cannot be used on a normal table.

**Action:** Do not use the DROP QUEUE statement on a normal table.

**0x31224 ( 201252) qpERR\_ABORT\_QDQ\_QUEUE\_DROP\_TABLE\_DENIED Cannot use a DROP TABLE statement on a queue table**

**Cause:** DROP TABLE statements cannot be used on a queue table.

**Action:** Do not use the DROP TABLE statement on a queue table.

**0x31225 ( 201253) qpERR\_ABORT\_QDQ\_QUEUE\_NAME\_TOO\_LONG Queue name is too long**

**Cause:** A queue with a name longer than 28 characters cannot be created.

**Action:** Shorten the name of the queue.

**0x31226 ( 201254) qpERR\_ABORT\_QDQ\_QUEUE\_DEQUEUE\_SUBQ\_EXIST Subquery exist in dequeue statement**

**Cause:** Subqueries cannot be used in DEQUEUE statements.

**Action:** Do not use subqueries with DEQUEUE statements.

**0x312E5 ( 201445) qpERR\_ABORT\_QDQ\_NOT\_FOUND\_QUEUE Queue not found**

**Cause:** The queue is not in the meta database.

**Action:** Verify that the queue exists.

**0x312AD ( 201389) qpERR\_ABORT\_QDB\_GEOMETRY\_VIOLATION\_ON\_VOLATILE\_TABLE A volatile table cannot have a geometry column.**

**Cause:** Volatile tables cannot have geometry columns.

**Action:** Remove the geometry column specification.

**0x312AE ( 201390) qpERR\_ABORT\_QCP\_DUPLICATE\_LOGGING\_MODE Only one LOGGING or NOLOGGING clause must be specified.**

**Cause:** Duplicate logging clause.

**Action:** Specify only one LOGGING or NOLOGGING clause.

**0x312AF ( 201391) qpERR\_ABORT\_QCP\_INVALID\_PARALLEL\_DEGREE The value for PARALLEL DEGREE must be larger than 0 and less than 65536.**

**Cause:** Invalid parallel degree value.

**Action:** Set PARALLEL DEGREE to a value between 0 ~65536.

**0x312BB ( 201403) qpERR\_ABORT\_QCMLINK\_NOT\_INIT\_REMOTE\_TABLE\_FUNC The database link module did not start.**

**Cause:** Failed to execute this statement because the dblink module did not start.



**Action:** Check DBLINK\_ENABLE , LINKER\_PORT\_NO property.

**0x312D4 ( 201428) qpERR\_ABORT\_QDB\_NO\_SUPP\_LOGGING\_ON\_VOLATILE\_TABLE**  
**Supplemental logging is not supported for volatile tables.**

**Cause:** The user tried to alter a volatile table in order to perform supplemental logging.

**Action:** Ensure that the table is not a volatile table.

**0x312D5 ( 201429) qpERR\_ABORT\_QDB\_NO\_SUPP\_LOGGING\_WITHOUT\_PK** Supplemental logging is not supported without a primary key.

**Cause:** The user tried to perform supplemental logging without a primary key.

**Action:** Ensure that the table has a primary key.

**0x312F1 ( 201457) qpERR\_ABORT\_QDB\_INVALID\_PCTFREE\_VALUE** Invalid PCTFREE value

**Cause:** A PCTFREE value must be between 0 and 99.

**Action:** Check the PCTFREE value.

**0x312F2 ( 201458) qpERR\_ABORT\_QDB\_INVALID\_PCTUSED\_VALUE** Invalid PCTUSED value

**Cause:** A PCTUSED value must be between 0 and 99.

**Action:** Check the PCTUSED value.

**0x312F3 ( 201459) qpERR\_ABORT\_QDB\_INVALID\_PCTFREE\_PCTUSED\_VALUE** the sum of PCTUSED and PCTFREE cannot exceed 100.

**Cause:** The sum of PCTUSED and PCTFREE cannot exceed 100.

**Action:** Check the PCTFREE and PCTUSED values.

**0x3131E ( 201502) qpERR\_ABORT\_QDB\_CANNOT\_SET\_NULL\_DEFAULT\_VALUE** Unable to add PRIMARY KEY or NOT NULL constraint on a column with a NULL default value.

**Cause:** Unable to add a NOT NULL or PRIMARY KEY constraint on a column with a NULL default value.

**Action:** Remove the NULL default value.

**0x31340 ( 201536) qpERR\_ABORT\_QDB\_CANNOT\_SET\_DEFAULT\_VALUE\_WITH\_ENCRYPT** An encrypted column with a default value other than NULL cannot be added.

**Cause:** An encrypted column with a default value other than NULL cannot be added.

**Action:** Remove the default value or set null value.

**0x31470 ( 201840) qpERR\_ABORT\_QDQ\_NOT\_EMPTY\_QUEUE** A queue is not empty. Only empty queue can reset a msgid.

**Cause:** Can not perform to reset a msgid because it is not a empty queue.

**Action:** Check whether the queue is empty, otherwise remove the data from the queue.

**0x314AA ( 201898) qpERR\_ABORT\_QDQ\_USE\_QUEUE\_TABLE\_IN\_DISK\_TABLESPACE Failed to create queue table in disk tablespace.**

**Cause:** Cannot create queue table in disk tablespace.

**Action:** Create queue table in memory tablespace or volatile tablespace.

## RETRY

**0x331FE ( 209406) qpERR\_REBUILD\_QMX\_TOO\_OLD\_PLANTREE The plan tree is too old**

**Cause:** The plan tree is too old.

**Action:** No action is necessary. The plan tree will be automatically recompiled.

**0x332AA ( 209578) qpERR\_REBUILD\_QCU\_RESOURCE\_BUSY Resource busy.**

**Cause:** The resource is busy.

**Action:** No action is necessary.

**0x33247 ( 209479) qpERR\_REBUILD\_QCI\_PROC\_INVALID A procedure or function was invalidated during execution.**

**Cause:** A procedure or function has been invalidated.

**Action:** Recompile the required procedure or function again.

**0x33249 ( 209481) qpERR\_REBUILD\_QCI\_EXEC The statement failed during execution.**

**Cause:** The statement failed during execution.

**Action:** No action is necessary. The statement will be automatically rebuilt.

**0x332D3 ( 209619) qpERR\_REBUILD\_TRIGGER\_INVALID A trigger was invalidated during execution.**

**Cause:** A trigger has been invalidated.

**Action:** Recompile the trigger again.

## 6.SD Error Code

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### ABORT

**0xE1001 ( 921601) sdERR\_ABORT\_SDM\_SHARD\_META\_NOT\_CREATED** There is no shard meta <0%s>.

**Cause:** The shard meta has not been created.

**Action:** Create shard meta.

**0xE1002 ( 921602) sdERR\_ABORT\_SDM\_SHARD\_NODE\_OVERFLOW** There is overflow in the number of shard data nodes.

**Cause:** The shard data nodes are exceeded.

**Action:** Refer to the manual to verify the number of permissible shard data nodes.

**0xE1003 ( 921603) sdERR\_ABORT\_SDM\_SHARD\_NODE\_NOT\_EXIST** The shard data node cannot be found.

**Cause:** The specified shard data node does not exist.

**Action:** Verify if the name of shard data node is correct.

**0xE1004 ( 921604) sdERR\_ABORT\_SDM\_SHARD\_TABLE\_NOT\_EXIST** The shard object cannot be found.

**Cause:** The shard object does not exist.

**Action:** Verify if the shard object is correct.

**0xE1005 ( 921605) sdERR\_ABORT\_SDM\_SHARD\_KEY\_COLUMN\_NOT\_EXIST** The shard key <0%s>.<1%s>.<2%s> cannot be found.

**Cause:** The specified shard key does not exist.

**Action:** Verify if the shard key is correct.

**0xE1006 ( 921606) sdERR\_ABORT\_SDM\_UNSUPPORTED\_SHARD\_KEY\_COLUMN\_TYPE** The data type of shard key <0%s>.<1%s>.<2%s> is not supported.

**Cause:** The data type is not supported by the shard key.

**Action:** Verify if the data type used in the shard key is correct.

**0xE1007 ( 921607) sdERR\_ABORT\_SDM\_INVALID\_RANGE\_FUNCTION** The split method in the shard key does not correspond.

**Cause:** The split method in the shard key does not correspond.

**Action:** Verify if the split method is correct.

**0xE1008 ( 921608) sdERR\_ABORT\_SDM\_ALREADY\_EXIST\_SHARD\_OBJECT** The object already exists.

**Cause:** The object is a pre-existing shard object.

**Action:** Verify the object name.

**0xE1009 ( 921609) sdERR\_ABORT\_SDM\_SYSTEM\_OBJECT A shard object cannot be created with a meta object.**

**Cause:** A shard object cannot be created with a meta object.

**Action:** Verify if the object privilege is correct.

**0xE100A ( 921610) sdERR\_ABORT\_SDM\_CHECK\_META\_VERSION Confirmation of shard version failed.**

**Cause:** The shard version cannot be confirmed.

**Action:** Verify the shard version with the altibase-v command to see if the version is correct.

**0xE100B ( 921611) sdERR\_ABORT\_SDM\_MISMATCH\_META\_VERSION The shard version between meta node and data node is mismatched.**

**Cause:** The shard version between meta and data nodes does not correspond.

**Action:** Verify the shard version with the altibase-v command to see if the version is correct.

**0xE100D ( 921613) sdERR\_ABORT\_SDM\_DUPLICATED\_RANGE\_VALUE The range value of shard key is duplicated.**

**Cause:** The range value of shard key is duplicated.

**Action:** Verify if the range value of shard key is correct.

**0xE100E ( 921614) sdERR\_ABORT\_SDM\_INVALID\_META\_NODE\_INFO Invalid information of shard meta node**

**Cause:** Table SYS\_SHARD.LOCAL\_META\_INFO\_ has no record or more than one record.

**Action:** Execute function DBMS\_SHARD.RESET\_META\_NODE\_ID to correct the table SYS\_SHARD.LOCAL\_META\_INFO\_.

**0xE100F ( 921615) sdERR\_ABORT\_SDM\_SHARD\_RANGE\_OVERFLOW There is overflow in the number of shard ranges.**

**Cause:** The shard ranges are exceeded.

**Action:** Refer to the manual to verify the number of permissible shard ranges.

**0xE1010 ( 921616) sdERR\_ABORT\_SDM\_EXIST\_REFERENCES\_NODE There is an object that references a node.**

**Cause:** There is an object that references a node.

**Action:** Verify the shard meta information.

**0xE1065 ( 921701) sdERR\_ABORT\_SDA\_NOT\_SUPPORTED\_SQLTEXT\_FOR\_SHARD The statement is not supported in Altibase sharding due to the following reason: <0%s>.**

**Cause:** Altibase sharding does not support the statement.

**Action:** Verify if the statement is correct.

**0xE1066 ( 921702) sdERR\_ABORT\_SDA\_INVALID\_SHARD\_KEY\_CONDITION Invalid shard key value expression was used.**

**Cause:** The expression of shard key value is invalid.

**Action:** Verify if the shard key expression is correct.

**0xE1067 ( 921703) sdERR\_ABORT\_SDA\_NOT\_EXIST\_SHARD\_KEY\_CONDITION** The shard key value cannot be found.

**Cause:** The shard key value does not exist.

**Action:** Verify if the shard key exists.

**0xE1068 ( 921704) sdERR\_ABORT\_SDA\_DATA\_NODE\_NOT\_FOUND** The data node corresponding to the shard key cannot be found.

**Cause:** The data node that matches the shard key cannot be found due to inappropriate setting of shard tables.

**Action:** Verify the distribution setting or shard key value.

**0xE10C9 ( 921801) sdERR\_ABORT\_SDF\_INVALID\_SHARD\_NODE** Invalid shard data node was used.

**Cause:** The host IP and port number for shard data node cannot be found.

**Action:** Verify the host IP and port number for shard data node.

**0xE10CA ( 921802) sdERR\_ABORT\_SDF\_ALREADY\_EXIST\_SHARD\_NODE** The shard data node of identical IP and port already exists.

**Cause:** The shard data node of identical IP and port already exists.

**Action:** Verify the IP and port of the shard data node.

**0xE10CB ( 921803) sdERR\_ABORT\_SDF\_SHARD\_USER\_NAME\_TOO\_LONG** The object user name is too long.

**Cause:** The user name of a shard object is permitted to contain less than 128 characters.

**Action:** Verify the length of the object user name.

**0xE10CC ( 921804) sdERR\_ABORT\_SDF\_SHARD\_TABLE\_NAME\_TOO\_LONG** The object name is too long.

**Cause:** The shard object name is permitted to contain less than 128 characters.

**Action:** Verify the length of the object name.

**0xE10CD ( 921805) sdERR\_ABORT\_SDF\_SHARD\_NODE\_NAME\_TOO\_LONG** The name of shard data node is too long.

**Cause:** The name of shard data node is permitted to contain less than 40 characters.

**Action:** Verify the length of the shard data node name.

**0xE10CE ( 921806) sdERR\_ABORT\_SDF\_SHARD\_MAX\_VALUE\_TOO\_LONG** The maximum value for shard split method is too large.

**Cause:** The maximum value for shard split method is too large.

**Action:** Refer to the manual to verify permissible range for the shard split method.

**0xE10CF ( 921807) sdERR\_ABORT\_SDF\_SHARD\_KEYCOLUMN\_NAME\_TOO\_LONG** The shard key name is too long.

**Cause:** The shard key name is permitted to contain less than 40 characters.

**Action:** Verify the length of the shard key name.

**0xE10D0 ( 921808) sdERR\_ABORT\_SDF\_INVALID\_SHARD\_SPLIT\_METHOD\_NAME** The shard split method is invalid.

**Cause:** Invalid shard split method is used.

**Action:** Refer to the manual verify if the shard split method is correct.

**0xE10D1 ( 921809) sdERR\_ABORT\_SDF\_INVALID\_SHARD\_TABLE** The specified object cannot be found.

**Cause:** The specified object does not exist.

**Action:** Retry after verifying the object and user name.

**0xE10D2 ( 921810) sdERR\_ABORT\_SDF\_INVALID\_RANGE\_VALUE** The permissible range of shard key <0%s> is invalid.

**Cause:** The permissible range for the shard key is invalid.

**Action:** Refer to the manual to verify the permissible range for the shard key.

**0xE10D3 ( 921811) sdERR\_ABORT\_SDF\_INVALID\_SUB\_SHARD\_KEY\_NAME** Invalid sub-shard key name.

**Cause:** Sub-shard key name and shard key name are the same.

**Action:** Verify if the name of sub-shard key is correct.

**0xE10D4 ( 921812) sdERR\_ABORT\_SDF\_UNSUPPORTED\_SUB\_SHARD\_KEY\_SPLIT\_TYPE** The split method of sub-shard key is not supported.

**Cause:** Unsupported sub-shard key split method.

**Action:** Verify that the split method of the sub-shard key.

**0xE10D5 ( 921813) sdERR\_ABORT\_SDF\_UNSUPPORTED\_SHARD\_SPLIT\_METHOD\_NAME** The shard split method is not supported.

**Cause:** The shard split method is not supported.

**Action:** Verify that the split method name.

**0xE10D6 ( 921814) sdERR\_ABORT\_SDF\_UNSUPPORTED\_META\_CONNTYPE** The internal(meta) connection type is not supported. : <0%d>

**Cause:** Supported internal connection types are 1, 8.

**Action:** Verify the internal connection type.

**0xE10D7 ( 921815) sdERR\_ABORT\_SDF\_CANNOT\_DELETE\_CURRENT\_SMN** The shard meta data as the current SMN can not be deleted.

**Cause:** Only the shard meta data with the old shard meta number can be deleted.

**Action:** Check the current shard meta number of SYS\_SHARD.GLOBAL\_META\_INFO\_.

**0xE10D8 ( 921816) sdERR\_ABORT\_SDF\_INVALID\_META\_CHANGE Invalid shard meta change information**

**Cause:** The shard meta information that you need is not exist.

**Action:** Check the the shard meta information of the object.

**0xE112D ( 921901) sdERR\_ABORT\_SHARD\_LIBRARY\_ERROR An error occurred in the library function call when executing <1%s> for shard data node <0%s>.**

**Cause:** There is an error in library function call of shard data node.

**Action:** Verify the state of shard data node.

**0xE112E ( 921902) sdERR\_ABORT\_SHARD\_LIBRARY\_ERROR\_1 The following error occurs when <1%s> of shard data node <0%s> is performed.: <2%s>**

**Cause:** An error occurred during the library function call of the shard data node.

**Action:** Verify the state of shard data node.

**0xE112F ( 921903) sdERR\_ABORT\_SHARD\_LIBRARY\_ERROR\_2 The following error occurs when <1%s> of shard data node <0%s> is performed.: <2%s><3%s>**

**Cause:** An error occurred during the library function call of the shard data node.

**Action:** Verify the state of shard data node.

**0xE1130 ( 921904) sdERR\_ABORT\_SHARD\_LIBRARY\_ERROR\_3 The following error occurs when <1%s> of shard data node <0%s> is performed.: <2%s><3%s><4%s>**

**Cause:** An error occurred during the library function call of the shard data node.

**Action:** Verify the state of shard data node.

**0xE1131 ( 921905) sdERR\_ABORT\_SHARD\_LIBRARY\_ERROR\_4 The following error occurs when <1%s> of shard data node <0%s> is performed.: <2%s><3%s><4%s><5%s>**

**Cause:** An error occurred during the library function call of the shard data node.

**Action:** Verify the state of shard data node.

**0xE1132 ( 921906) sdERR\_ABORT\_SHARD\_LIBRARY\_LINK\_FAILURE\_ERROR The link failed when performing <1%s> on shard data node <0%s>.**

**Cause:** The link on the shard data node failed.

**Action:** Verify the state of link on the shard data node.

**0xE1133 ( 921907) sdERR\_ABORT\_INIT\_SDL\_ODBCCLI The library initialization failed and the following error occurred: <0%s>**

**Cause:** Library initialization failed.

**Action:** Verify the library of shard meta node.

**0xE1134 ( 921908) sdERR\_ABORT\_EXECUTE\_NULL\_DBC** The connection cannot be found when shard data node <0%s> is <1%s>.

**Cause:** The connection state of shard data node does not exist.

**Action:** Verify the connection state.

**0xE1135 ( 921909) sdERR\_ABORT\_EXECUTE\_NULL\_STMT** The statement cannot be found when shard data node <0%s> is <1%s>.

**Cause:** The statement in the shard data node does not exist.

**Action:** Verify the statement in the shard data node.

**0xE1136 ( 921910) sdERR\_ABORT\_UNINITIALIZED\_LIBRARY** Shard data node <0%s> fails to perform <1%s> because the library was not initialized.

**Cause:** The library of shard meta node was not initialized.

**Action:** Restart the server after verifying the library of shard meta node.

**0xE1137 ( 921911) sdERR\_ABORT\_DBCLINK\_ALLOC <1%s> on shard data node <0%s> failed.**

**Cause:** There is insufficient memory for the shard data node connection.

**Action:** Verify the memory usage.

**0xE1138 ( 921912) sdERR\_ABORT\_SHARD\_XA\_LIBRARY\_ERROR** An error occurred in the library function call when executing <1%s> for shard <0%s>.

**Cause:** There is an error in library function call of shard xa function

**Action:** Verify the state of shard library.

**0xE1139 ( 921913) sdERR\_ABORT\_SHARD\_LIBRARY\_FAILOVER\_SUCCESS** The <1%s> of server-side failover success.: <0%s> <2%s>

**Cause:** Session failover success

**Action:** Re-execute application logic.

**0xE113A ( 921914) sdERR\_ABORT\_INTERNAL\_ALTERNATE\_NODE\_SETTING\_IS\_MISSING** Alternate shard node <0%s> information is missing from external or internal network settings.

**Cause:** Alternate shard node information is missing from external or internal network settings.

**Action:** Verify the alternate host IP and port number of the shard node.

**0xE113B ( 921915) sdERR\_ABORT\_SHARD\_NODE\_FAILOVER\_IS\_NOT\_AVAILABLE** Failover is not available.

**Cause:** Failed to connect to shard library or coordinates.

**Action:** Check the shard node status or network.

**0xE113C ( 921916) sdERR\_ABORT\_EXECUTE\_NULL\_SD\_STMT** The shard statement cannot be found when performing <1%s> to shard data node <0%s>.

**Cause:** The statement in the shard coordinator does not exist.



**Action:** Verify the statement in the shard coordinator.

**0xE1191 ( 922001) sdERR\_ABORT\_SDPJ\_SYNTAX JSON syntax error**

**Cause:** The unusable reserved words or delimiter inapplicable was used. Or the reserved word cannot be used.

**Action:** Refer to JSON format.

**0xE1192 ( 922002) sdERR\_ABORT\_SDPJ\_ALLOC JSON parsing failed at <0%d>% due to insufficient memory buffer.**

**Cause:** There is insufficient memory buffer in JSON parser.

**Action:** Verify the memory buffer size.

**0xE1193 ( 922003) sdERR\_ABORT\_SDPJ\_CONVERT Fail to convert the condition to shard analyze information. (<0%s>)**

**Cause:** The condition does not contain shard information or is incorrect.

**Action:** Verify the condition.

**0xE1321 ( 922401) sdERR\_ABORT\_SDI\_SHARD\_LINKER\_NOT\_INITIALIZED The meta connection cannot be initialized.**

**Cause:** The meta connection was not initialized.

**Action:** Verify the setting of shard meta and data is correct.

**0xE1322 ( 922402) sdERR\_ABORT\_SDI\_INCOMPLETE\_RANGE\_SET The shard key range of <0%s>.<1%s> is invalid.**

**Cause:** The shard key range is invalid.

**Action:** Verify the key range for shard split method.

**0xE1323 ( 922403) sdERR\_ABORT\_SDI\_NOT\_EXIST\_SHARD\_ANALYSIS The result of shard analysis does not exist.**

**Cause:** The result of shard analysis does not exist.

**Action:** Verify the distribution setting or shard key value.

**0xE1324 ( 922404) sdERR\_ABORT\_SDI\_DATA\_NODE\_NOT\_FOUND The data node corresponding to the shard key cannot be found.**

**Cause:** The data node that matches the shard key cannot be found due to inappropriate setting of shard tables.

**Action:** Verify the distribution setting or shard key value.

**0xE1325 ( 922405) sdERR\_ABORT\_SDI\_DUPLICATED\_NODE\_NAME Duplicate node name <0%s>**

**Cause:** Duplicate node name

**Action:** Verify that no duplicate node names are specified.

**0xE1326 ( 922406) sdERR\_ABORT\_SDI\_INVALID\_NODE\_NAME Invalid node name <0%s>**

**Cause:** Invalid node name

**Action:** Verify that the node name is valid.

**0xE1327 ( 922407) sdERR\_ABORT\_SDI\_INVALID\_NODE\_NAME2 Invalid node name: <0%s>**

**Cause:** Invalid node name

**Action:** Verify that the node name is valid.

**0xE1328 ( 922408) sdERR\_ABORT\_SDI\_SHARD\_META\_PROPAGATION\_TIMEOUT Shard meta update propagation timeout.**

**Cause:** The changes of the shard meta information are not arrived in time limit.

**Action:** Check shard meta number and information.

**0xE1385 ( 922501) sdERR\_ABORT\_EXIST\_SHARD\_TABLE\_OUTSIDE\_SHARD\_VIEW The shard table is only available within the shard view.: <0%s>**

**Cause:** The shard table is only available within the shard view.

**Action:** Rewrite the shard query.

**0xE1386 ( 922502) sdERR\_ABORT\_INVALID\_SHARD\_QUERY The shard query is not supported and the following error occurs.: <0%s> <1%s>**

**Cause:** The shard query is invalid.

**Action:** Rewrite the shard query.0xE1387

**0xE1387 ( 922503) sdERR\_ABORT\_UNSUPPORTED\_SHARD\_DATA\_IN\_DML The shard keyword is not supported in DML statements**

**Cause:** The shard query is invalid.

**Action:** Rewrite the shard query.

**0xE1388 ( 922504) sdERR\_ABORT\_SHARD\_REBUILD\_ERROR Shard rebuild error**

**Cause:** The changes of the shard meta information are not applicable on online.

**Action:** Re-connect the client program.

**0xE13E7 ( 922599) sdERR\_ABORT\_SDC\_UNEXPECTED\_ERROR Unexpected errors have occurred.: <0%s>: <1%s>**

**Cause:** An unexpected error has occurred.

**Action:** Verify the error number in the trace log file and contact Altibase Support Center (<http://support.altibase.com>).

# 7.ST Error Code

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## FATAL

**0xA0003 ( 655363) stERR\_FATAL\_MEMORY\_SHORTAGE Out of memory**

**Cause:** Out of memory

**Action:** Verify that the system has sufficient memory.

**0xA0005 ( 655365) stERR\_FATAL\_INCOMPATIBLE\_TYPE Incompatible data type <0%s>.**

**Cause:** Incompatible data type

**Action:** Check the compatibility between data types.

**0xA0031 ( 655409) stERR\_FATAL\_COLUMN\_NOT\_FOUND Unable to find a column**

**Cause:** Unable to find a column.

**Action:** Verify that the column being looked for is valid.

## ABORT

**0xA1002 ( 659458) stERR\_ABORT\_NOT\_APPLICABLE Not applicable**

**Cause:** This error occurs due to a logical programming error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xA1007 ( 659463) stERR\_ABORT\_LANGUAGE\_MODULE\_NOT\_FOUND Language module <0%s> not found.**

**Cause:** The language module was not found.

**Action:** Check the language.

**0xA1008 ( 659464) stERR\_ABORT\_DATATYPE\_MODULE\_NOT\_FOUND Data type module <0%s> not found.**

**Cause:** The data type module was not found.

**Action:** Check the data type.

**0xA1009 ( 659465) stERR\_ABORT\_CONVERSION\_MODULE\_NOT\_FOUND Conversion module <0%s> not found.**

**Cause:** The conversion module was not found.

**Action:** Check the compatibility between data types.

**0xA100A ( 659466) stERR\_ABORT\_FUNCTION\_MODULE\_NOT\_FOUND Function module <0%s> not found.**

**Cause:** The function module was not found.

**Action:** Use the correct function name.

**0xA100B ( 659467) stERR\_ABORT\_INVALID\_FUNCTION\_ARGUMENT Invalid number of arguments for a function.**

**Cause:** The number of arguments for the function was invalid.

**Action:** Check the number of arguments for the function.

**0xA100C ( 659468) stERR\_ABORT\_CONVERSION\_NOT\_APPLICABLE Conversion not applicable.**

**Cause:** The conversion is not applicable.

**Action:** Check the compatibility between data types.

**0xA100D ( 659469) stERR\_ABORT\_INVALID\_LENGTH Invalid length of the data type**

**Cause:** Invalid length of the data type.

**Action:** Check the length of the data type.

**0xA100E ( 659470) stERR\_ABORT\_INVALID\_PRECISION Invalid precision of the data type**

**Cause:** Invalid precision of the data type.

**Action:** Check the precision of the data type.

**0xA100F ( 659471) stERR\_ABORT\_INVALID\_SCALE Invalid scale of the data type**

**Cause:** Invalid scale of the data type

**Action:** Check the scale of the data type.

**0xA1010 ( 659472) stERR\_ABORT\_VALUE\_OVERFLOW Value overflow**

**Cause:** Value overflow

**Action:** Change the value or data type.

**0xA1011 ( 659473) stERR\_ABORT\_INVALID\_LITERAL Invalid literal**

**Cause:** Invalid literal

**Action:** Check the constant indicating the data type.

**0xA1013 ( 659475) stERR\_ABORT\_STACK\_OVERFLOW Calculation stack overflow**

**Cause:** Calculation stack overflow

**Action:** Alter the calculation stack size using the ALTER SESSION statement.

**0xA1014 ( 659476) stERR\_ABORT\_NOT\_AGGREGATION The function is not an aggregate function.**

**Cause:** The function is not an aggregate function.

**Action:** Remove the ALL or DISTINCT keyword.

**0xA1016 ( 659478) stERR\_ABORT\_DIVIDE\_BY\_ZERO Division by zero**

**Cause:** Division by zero

**Action:** Determine whether an attempt to divide a number by zero is being made.

**0xA1017 ( 659479) stERR\_ABORT\_ARGUMENT\_NOT\_APPLICABLE** The argument is not applicable.

**Cause:** The argument is not applicable to the function.

**Action:** Change the argument so that it falls within the valid range.

**0xA1018 ( 659480) stERR\_ABORT\_NOT\_SUPPORTED\_OBJECT\_TYPE** The specified object type is not currently supported.

**Cause:** Unsupported object type

**Action:** For geometry types, only the POINT type is currently supported.

**0xA1019 ( 659481) stERR\_ABORT\_OBJECT\_TYPE\_NOT\_APPLICABLE** Inapplicable object type

**Cause:** The specified object type is not applicable to the function.

**Action:** Check the object type.

**0xA101A ( 659482) stERR\_ABORT\_INVALID\_WKT** Error parsing well-known-text

**Cause:** The specified well-known-text is not correct.

**Action:** Check the well-known-text.

**0xA101B ( 659483) stERR\_ABORT\_TO\_CHAR\_MAX\_PRECISION** The value exceeds the maximum precision ( <0%d> ) of the format.

**Cause:** Maximum precision of format exceeded.

**Action:** Check the size of format string.

**0xA101C ( 659484) stERR\_ABORT\_VALIDATE\_INVALID\_VALUE** Invalid data value

**Cause:** The value of the data exceeds the logical value scope.

**Action:** Check the data value.

**0xA101D ( 659485) stERR\_ABORT\_VALIDATE\_INVALID\_LENGTH** Invalid data length

**Cause:** The length of the data exceeds the valid scope.

**Action:** Check the length of the data.

**0xA101E ( 659486) stERR\_ABORT\_CODING\_INVALID\_FMT** Invalid coding format

**Cause:** The compiled coding format is not valid.

**Action:** Check the compiled format.

**0xA101F ( 659487) stERR\_ABORT\_CODING\_DATA\_FMT\_MISMATCH** Mismatched data and format

**Cause:** The data string does not match the specified format.

**Action:** Check the data string.

**0xA1020 ( 659488) stERR\_ABORT\_INVALID\_LITERAL\_AFTER\_ESCAPE** Missing or invalid literal following the escape character

**Cause:** Either '%' or '\_' must follow the escape character.

**Action:** Check the LIKE predicate.

**0xA1021 ( 659489) stERR\_ABORT\_INVALID\_ESCAPE Invalid escape literal**

**Cause:** The length of the escape is greater than one. The escape literal is invalid.

**Action:** Check the escape character in the LIKE predicate.

**0xA1022 ( 659490) stERR\_ABORT\_INVALID\_DATE Invalid date literal**

**Cause:** The text to be converted to a date type is invalid.

**Action:** Check the arguments for the date conversion function.

**0xA1023 ( 659491) stERR\_ABORT\_INVALID\_YEAR Invalid year**

**Cause:** The year part of the date literal is invalid or out of range.

**Action:** Check the arguments for the date conversion function.

**0xA1024 ( 659492) stERR\_ABORT\_INVALID\_MONTH Invalid month**

**Cause:** The month part of the date literal is invalid or out of range.

**Action:** Check the arguments for the date conversion function.

**0xA1025 ( 659493) stERR\_ABORT\_INVALID\_DAY Invalid day**

**Cause:** The day part of the date literal is invalid or out of range.

**Action:** Check the arguments for the date conversion function.

**0xA1026 ( 659494) stERR\_ABORT\_INVALID\_HOUR Invalid hour**

**Cause:** The hour part of the date literal is invalid or out of range.

**Action:** Check the arguments for the date conversion function.

**0xA1027 ( 659495) stERR\_ABORT\_INVALID\_MINUTE Invalid minutes**

**Cause:** The minutes part of the date literal is invalid or out of range.

**Action:** Check the arguments for the date conversion function.

**0xA1028 ( 659496) stERR\_ABORT\_INVALID\_SECOND Invalid seconds**

**Cause:** The seconds part of the date literal is invalid or out of range.

**Action:** Check the arguments for the date conversion function.

**0xA1029 ( 659497) stERR\_ABORT\_INVALID\_MICROSECOND Invalid microseconds**

**Cause:** The microseconds part of the date literal is invalid or out of range.

**Action:** Check the arguments for the date conversion function.

**0xA102B ( 659499) stERR\_ABORT\_INVALID\_DIGEST\_ALGORITHM Invalid digest algorithm.**

**Cause:** The digest algorithm name is unknown.

**Action:** Check the second argument on the digest function.

**0xA102C ( 659500) stERR\_ABORT\_ARGUMENT\_VALUE\_OUT\_OF\_RANGE The argument '<0%d>' is out of range.**

**Cause:** The argument value is out of range.

**Action:** Check the argument value.

**0xA102D ( 659501) stERR\_ABORT\_DATEDIFF\_OUT\_OF\_RANGE\_IN\_SECOND** The interval between startdate and enddate exceeded 68 years.

**Cause:** If the date field name is 'SECOND', the interval between startdate and enddate must be less than 68 years.

**Action:** Check the values of startdate and enddate.

**0xA102E ( 659502) stERR\_ABORT\_DATEDIFF\_OUT\_OF\_RANGE\_IN\_MICROSECOND** The interval between startdate and enddate exceeded 30 days.

**Cause:** If the date field name is 'MICROSECOND', the interval between startdate and enddate must be less than 30 days.

**Action:** Check the values of startdate and enddate.

**0xA102F ( 659503) stERR\_ABORT\_INVALID\_SIZE\_OF\_SECOND\_AND\_MICROSECOND** The values of SSSSSSSS must be a number of eight digits.

**Cause:** The values of SSSSSSSS is smaller than eight digits.

**Action:** Check the value of SSSSSSSS.

**0xA1030 ( 659504) stERR\_ABORT\_INVALID\_CHARACTER** Invalid character use

**Cause:** An invalid character is being used.

**Action:** Verify that every character in the input string is a valid character.

**0xA1032 ( 659506) stERR\_ABORT\_TRAVERSE\_NOT\_APPLICABLE** Unable to traverse

**Cause:** The traverse could not be executed.

**Action:** Verify that the traverse is valid.

**0xA1033 ( 659507) stERR\_ABORT\_INVALID\_BYTE\_ORDER** Invalid byte order information

**Cause:** Byte order is invalid.

**Action:** Verify the validity of the byte order.

**0xA1034 ( 659508) stERR\_ABORT\_INVALID\_FUNCTION\_PRECISION** Invalid function precision

**Cause:** The function precision is not valid.

**Action:** Verify the validity of the function precision.

**0xA1035 ( 659509) stERR\_ABORT\_INVALID\_BUFFER\_DISTANCE** Invalid distance value for the buffer function

**Cause:** The distance value for the buffer function is invalid.

**Action:** Verify the validity of the distance value for the buffer function.

**0xA1036 ( 659510) stERR\_ABORT\_INVALID\_RELATE\_PATTERN** Invalid pattern of the relate function

**Cause:** The pattern value of the relate function is invalid

**Action:** Verify that values matching '\*TF012' are set, and that the pattern length is 9.

**0xA1037 ( 659511) stERR\_ABORT\_STNMR\_DUMP\_EMPTY\_OBJECT Empty dump object.**

**Cause:** You did not specify a dump object for the dump table.

**Action:** Specify a dump object for the dump table.

**0xA1038 ( 659512) stERR\_ABORT\_STNMR\_INVALID\_DUMP\_OBJECT Invalid dump object**

**Cause:** The object is not valid for the dump table.

**Action:** Use a valid dump object for the dump table.

**0xA1039 ( 659513) stERR\_ABORT\_OBJECT\_BUFFER\_OVERFLOW Object buffer overflow.**

**Cause:** Object buffer overflow.

**Action:** Use the ALTER SESSION/SYSTEM SET ST\_OBJECT\_BUFFER\_SIZE statement or the ST\_OBJECT\_BUFFER\_SIZE hint to increase the object buffer size.

**0xA103A ( 659514) stERR\_ABORT\_OBJECT\_INTEGRITY\_VIOLATION Object integrity violation.**

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA103B ( 659515) stERR\_ABORT\_RING\_POINT\_COUNT\_LESS\_THAN\_4 The ring (<0%d>) has less than 4 points**

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA103C ( 659516) stERR\_ABORT\_NOT\_CLOSED\_RING The ring (<0%d>) is not closed.**

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA103D ( 659517) stERR\_ABORT\_OBJECT\_SIZE The size of the object is incorrect**

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA103E ( 659518) stERR\_ABORT\_RING\_BOUND\_CROSS The ring <0%d> and ring <1%d> bounds cross**

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA103F ( 659519) stERR\_ABORT\_POLYGON\_HAS\_MULTI\_EXTERNAL\_RING The external ring does not include the internal ring <0%d>.**

**Cause:** Object integrity violation.



**Action:** Verify that a valid object is being used.

**0xA1040 ( 659520) stERR\_ABORT\_LINE\_POINT\_COUNT** The point count of a line is less than 2

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA1041 ( 659521) stERR\_ABORT\_LINE\_POINT\_SAME** A line has only two points with the same value

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA1042 ( 659522) stERR\_ABORT\_RING\_LINE\_COUNT** A ring has less than three lines

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA1043 ( 659523) stERR\_ABORT\_RING\_ZERO\_AREA** The area of a ring is zero

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA1044 ( 659524) stERR\_ABORT\_RING\_LINE\_CROSS** A ring has crossing lines

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA1045 ( 659525) stERR\_ABORT\_POLYGON\_INTERSECTS** A multipolygon has intersecting polygons : (polygon:<0%d>, ring:<1%d>), (polygon:<2%d>, ring:<3%d>)

**Cause:** Object integrity violation.

**Action:** Verify that a valid object is being used.

**0xA1046 ( 659526) stERR\_ABORT\_INVALID\_WKB** Error parsing well-known-binary

**Cause:** The specified well-known-binary is not correct.

**Action:** Check the well-known-binary.

**0xA1047 ( 659527) stERR\_ABORT\_INVALID\_OBJECT\_IN\_GEOMCOLLECTION** The type <0%d> of object <1%d> in the geometry collection is not valid

**Cause:** The specified well-known-binary is not correct.

**Action:** Check the well-known-binary.

**0xA1048 ( 659528) stERR\_ABORT\_INVALID\_STORED\_DATA\_LENGTH** The data saved in the DBMS are not the expected length

**Cause:** The disk page is broken or the meta table has invalid data.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xA1049 ( 659529) stERR\_ABORT\_INVALID\_POLYGON Invalid Polygon**

**Cause:** An attempt was made to perform an operation on an invalid polygon.

**Action:** Check the structure of the polygon and try again.

**0xA104A ( 659530) stERR\_ABORT\_UNKNOWN\_POLYGON Unverified Polygon**

**Cause:** An attempt was made to perform an operation on a polygon that has not been verified.

**Action:** Insert the Polygon again, or perform a validity check on the polygon.

**0xA104B ( 659531) stERR\_ABORT\_UNEXPECTED\_ERROR Unexpected error: <0%s>: <1%s>**

**Cause:** This error occurs due to a logical programming error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xA104C ( 659532) stERR\_ABORT\_INVALID\_POINTS Invalid combination of identical points**

**Cause:** Two or more points in the geometry object that must have different values have the same values.

**Action:** Ensure that the geometry object is valid.

**0xA104D ( 659533) stERR\_ABORT\_INVALID\_GEOMETRY Invalid Geometry**

**Cause:** An attempt was made to perform an operation on an invalid geometry object.

**Action:** Ensure that the geometry object is valid.

**0xA104E ( 659534) stERR\_ABORT\_INVALID\_SRID The Spatial Reference ID(SRID) is incorrect.**

**Cause:** The Spatial Reference ID(SRID) of the geometry column is different from the input SRID.

**Action:** Verify the input Spatial Reference ID(SRID).

**0xA104F ( 659535) stERR\_ABORT\_MIXED\_SRID Operation on mixed SRID geometries. (<0%d>: <1%d>)**

**Cause:** SRIDs of the geometries are mixed.

**Action:** Verify the input SRIDs

**0xA1050 ( 659536) stERR\_ABORT\_UNKNOWN\_SRID Unknown Spatial Reference ID (<0%d>)**

**Cause:** The Spatial Reference ID(SRID) was not found.

**Action:** Verify the input Spatial Reference ID(SRID).

**0xA1051 ( 659537) stERR\_ABORT\_PROJ4\_INIT\_FAILED Failed to initialize PROJ4 library (<0%s>, <1%d>, <2%d>)**

**Cause:** Failed to initialize PROJ4 library.

**Action:** Verify the input arguments.

**0xA1052 ( 659538) stERR\_ABORT\_PROJ4\_TRANSFORM\_FAILED Failed to PROJ4 transform (<0%s>)**

**Cause:** Failed to PROJ4 transform.

**Action:** Verify the input arguments.

**0xA1053 ( 659539) stERR\_ABORT\_INVALID\_GEOMETRY\_MADEBY\_GEOMFROMWKB Invalid Geometry(<0%s>)**

**Cause:** An attempt was made to perform an operation on an invalid geometry.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

## IGNORE

**0xA2000 ( 663552) stERR\_IGNORE\_NOERROR Ignore this message.**

**Cause:** This is not an error.

**Action:** Ignore this message.

# 8.MM Error Code

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## FATAL

**0x4000F ( 262159) mmERR\_FATAL\_LOAD\_MSB\_ERROR Unable to load the message file <0%s>**

**Cause:** The system failed to find a "msb" file or open the file.

**Action:** Verify that the "msb" file is in the "msg" directory.

**0x40013 ( 262163) mmERR\_FATAL\_MAXHANDLE\_ERROR Unable to get the maximum number of file handles**

**Cause:** It is impossible to retrieve the maximum number of file descriptors allowed for this system. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4001B ( 262171) mmERR\_FATAL\_SETLIMIT\_ERROR Failed to invoke the setlimit() system function**

**Cause:** An error occurred while invoking the setlimit() function. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4001C ( 262172) mmERR\_FATAL\_GETLIMIT\_ERROR Failed to invoke the getlimit() system function**

**Cause:** An error occurred while invoking the getlimit() function. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x40028 ( 262184) mmERR\_FATAL\_FLOCK\_INIT Failed to invoke the flock\_init() system function [<0%s>]**

**Cause:** The flock\_init() system call failed. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4005B ( 262235) mmERR\_FATAL\_FLOCK\_DESTROY Failed to invoke the flock\_destroy() system function [<0%s>]**

**Cause:** The flock\_destroy() system call failed. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x40029 ( 262185) mmERR\_FATAL\_FLOCK\_TRYWRLOCK Failed to invoke the flock\_trywrlock() system function**

**Cause:** The flock\_trywrlock() system call failed. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4005D ( 262237) mmERR\_FATAL\_FLOCK\_WRLOCK Failed to invoke the flock\_wrlock() system function**

**Cause:** The flock\_wrlock() system call failed. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4002A ( 262186) mmERR\_FATAL\_FLOCK\_UNLOCK Failed to invoke the flock\_unlock() system function**

**Cause:** The flock\_unlock() system call failed. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x40052 ( 262226) mmERR\_FATAL\_THREAD\_CONDITION\_INIT Failed to invoke the cond\_init() system function**

**Cause:** The system failed to invoke cond\_init(). This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x40053 ( 262227) mmERR\_FATAL\_THREAD\_CONDITION\_SIGNAL Failed to invoke the cond\_signal() system function**

**Cause:** The system failed to invoke cond\_signal(). This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x40054 ( 262228) mmERR\_FATAL\_THREAD\_CONDITION\_DESTROY Failed to invoke the cond\_destroy() system function**

**Cause:** Use of invalid condition value. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x40060 ( 262240) mmERR\_FATAL\_OSFileSizeLimit\_ERROR The maximum file size of the OS is less than that specified in the property. Decrease the file size property.**

**Cause:** The maximum file size of the OS is less than that specified in the property.

**Action:** Decrease the file size property.

**0x40068 ( 262248) mmERR\_FATAL\_THREAD\_CONDITION\_WAIT Failed to invoke the cond\_wait() system function**

**Cause:** The system failed to invoke the cond\_wait() function. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4006A ( 262250) mmERR\_FATAL\_THREAD\_CONDITION\_BROADCAST Failed to invoke the cond\_broadcast() system function**

**Cause:** The system failed to invoke the cond\_broadcast() function. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4006C ( 262252) mmERR\_FATAL\_SOCKET\_CREATE\_FAILED Unable to create socket**

**Cause:** Unable to create a socket.

**Action:** Too many files are open. Change the system parameter.

**0x4006D ( 262253) mmERR\_FATAL\_SOCKET\_BIND\_FAILED Unable to bind socket**

**Cause:** Either the port is already bound or it is impossible to bind the port due to a system limitation.

**Action:** Use another port.

**0x40085 ( 262277) mmERR\_FATAL\_PASSWORD\_FILE\_ERROR Password file open error**

**Cause:** Password file open error.

**Action:** Check your environment.

**0x400B9 ( 262329) mmERR\_FATAL\_ThrCondWait Failed to invoke the cond\_wait() system function.**

**Cause:** Invalid condition value or invalid mutex.

**Action:** Please send a bug report to the vendor.

**0x400E2 ( 262370) mmERR\_FATAL\_THREAD\_CREATE\_FAILED Unable to create thread**

**Cause:** The system failed to create threads.

**Action:** Please send a bug report to the vendor.

**0x400E5 ( 262373) mmERR\_FATAL\_MUTEX\_INIT Unable to initialize a mutex.**

**Cause:** The system failed to initialize a mutex.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x400E6 ( 262374) mmERR\_FATAL\_LATCH\_INIT Unable to initialize a latch.**

**Cause:** The system failed to initialize a latch.

**Action:** Check the call stack from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

## ABORT

**0x4102C ( 266284) mmERR\_ABORT\_IDN\_MISMATCH\_ERROR Incompatible NLS between the client(<0%s>) and the server(<1%s>).**

**Cause:** The NLS of the client is different from the one supported by the server.

**Action:** Use the same NLS as the server NLS.

**0x4102D ( 266285) mmERR\_ABORT\_NO\_USER\_ERROR Invalid user**

**Cause:** The user is not registered in the database.

**Action:** Use a user who is registered in the database.

**0x4102E ( 266286) mmERR\_ABORT\_INVALID\_PASSWORD\_ERROR Invalid password**

**Cause:** The password is incorrect.

**Action:** Enter the correct password for the user.

**0x41033 ( 266291) mmERR\_ABORT\_INVALID\_ERROR Invalid communication protocol**

**Cause:** Code based on an invalid protocol has been found.

**Action:** Verify the version of library that is used by the client.

**0x41035 ( 266293) mmERR\_ABORT\_ALREADY\_CONNECT\_ERROR Already connected to a session**

**Cause:** A new connection has been requested to an already connected session.

**Action:** Verify the client code.

**0x41039 ( 266297) mmERR\_ABORT\_INSUFFICIENT\_QUERY\_ERROR SQL statement too short**

**Cause:** The message from the client did not appear to contain any SQL text.

**Action:** Verify the SQL statement from the client. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4103A ( 266298) mmERR\_ABORT\_INVALID\_STATEMENT\_STATE\_ERROR Invalid statement processing request**

**Cause:** The request was invalid for the current state of the statement.

**Action:** Check the client application.

**0x4103C ( 266300) mmERR\_ABORT\_INVALID\_FETCH\_ERROR Invalid SQL statement data fetch request**

**Cause:** An invalid SQL statement fetch request has been detected.

**Action:** Verify the SQL statement from the client.

**0x4103F ( 266303) mmERR\_ABORT\_TOO\_MANY\_STATEMENT** There are too many allocated statements.

**Cause:** Too many statements are allocated on this system.

**Action:** Remove unused statements or increase system resources.

**0x41040 ( 266304) mmERR\_ABORT\_ADMIN\_MODE\_ONLY** Unable to provide service while the server starts up.

**Cause:** A request for service was made to the server while it was starting up.

**Action:** Terminate all the clients while the server starts up.

**0x41041 ( 266305) mmERR\_ABORT\_ADMIN\_ALREADY\_RUNNING** Another SYSDBA session is already running.

**Cause:** A SYSDBA session is already running.

**Action:** Terminate the SYSDBA session process and execute it again.

**0x41043 ( 266307) mmERR\_ABORT\_MMC\_ACCESS\_MODE** Invalid access privileges

**Cause:** You do not have access privileges for the table.

**Action:** Verify that you have access privileges for the table.

**0x41047 ( 266311) mmERR\_ABORT\_MMC\_TRANSACTION\_ALREADY\_ACTIVE** The transaction is already active.

**Cause:** The transaction is already active.

**Action:** Wait until the transaction is complete.

**0x41048 ( 266312) mmERR\_ABORT\_MMC\_CANT\_SET\_TRANSACTION\_IN\_AUTOCOMMIT\_MODE**  
The transaction is already in auto-commit mode.

**Cause:** The transaction is already in auto-commit mode.

**Action:** Check that the transaction is in auto-commit mode.

**0x41050 ( 266320) mmERR\_ABORT\_NOT\_APPLICABLE** Operation not applicable

**Cause:** Operation not applicable.

**Action:** Specify a valid parameter

**0x41057 ( 266327) mmERR\_ABORT\_MMC\_CANT\_LOCK\_TABLE\_IN\_AUTOCOMMIT\_MODE** Unable to execute LOCK TABLE statement while the system is in auto-commit mode.

**Cause:** The system tried to execute a LOCK TABLE statement while the system was in auto-commit mode.

**Action:** When the system is in auto-commit mode, Remove the LOCK TABLE statement.

**0x41059 ( 266329) mmERR\_ABORT\_NO\_AVAILABLE\_TASK** Task pool overflow. Check properties.



**Cause:** There are no more available tasks for service.

**Action:** Increase the value of the MAX\_CLIENT property and restart the database.

**0x4105A ( 266330) mmERR\_ABORT\_OTHER\_STATEMENT\_REMAINS** Several statements still open

**Cause:** There are a few opened statements.

**Action:** Close all statements and retry the statement.

**0x4105E ( 266334) mmERR\_ABORT\_BIND\_COLUMN\_COUNT\_MISMATCH** Mismatched bind column count

**Cause:** The number of host variables and the number of data items to bind to them are different.

**Action:** Check client applications.

**0x4105F ( 266335) mmERR\_ABORT\_INVALID\_STACKCOUNT** Invalid stack count

**Cause:** The stack count is too big or too small.

**Action:** Set the stack count to be a positive integer less than 65536.

**0x41061 ( 266337) mmERR\_ABORT\_TOO\_LONG\_IDENTIFIER\_NAME** The length of the identifier is too long

**Cause:** Identifier too long.

**Action:** Give the identifier a shorter name.

**0x4106E ( 266350) mmERR\_ABORT\_ADMIN\_MODE\_ERROR** If ADMIN\_MODE is activated, only the users SYS and SYSTEM\_ can connect to the database with SYSDBA privileges. Verify that you have SYSDBA privileges.

**Cause:** If ADMIN\_MODE is activated, only the users SYS and SYSTEM\_ can connect to the database with SYSDBA privileges.

**Action:** Verify that you have SYSDBA privileges.

**0x41076 ( 266358) mmERR\_ABORT\_MMI\_NOT\_IMPLEMENTED** Not supported yet

**Cause:** Not supported yet.

**Action:** Not supported yet.

**0x4107A ( 266362) mmERR\_ABORT\_STARTUP\_PHASE\_ERROR** Unable to start up in the specified phase in the current state.

**Cause:** It is impossible to start up in the specified phase in the current startup state.

**Action:** Check the current startup phase.

**0x4107B ( 266363) mmERR\_ABORT\_SHUTDOWN\_MODE\_ERROR** Unable to shut down Altibase using the specified mode in the current state.

**Cause:** It is impossible to shut down the server using the specified mode in the current state.

**Action:** Check the current startup phase.

**0x4107C ( 266364) mmERR\_ABORT\_INSUFFICIENT\_PRIV Insufficient privileges. The user has to connect as SYSDBA.**

**Cause:** The user has to connect as SYSDBA.

**Action:** Check your privileges.

**0x4107D ( 266365) mmERR\_ABORT\_CREATE\_DB\_ERROR Failure to CREATE DATABASE**

**Cause:** The system failed to create a database.

**Action:** Check the error message.

**0x4107E ( 266366) mmERR\_ABORT\_DROP\_DB\_ERROR Failure to DROP DATABASE**

**Cause:** The system failed to drop a database.

**Action:** Check the error message.

**0x4107F ( 266367) mmERR\_ABORT\_ADMIN\_MODE\_PRIV Failure changing to ADMIN\_MODE. Only SYS and SYSTEM\_ users can change the current mode to ADMIN\_MODE.**

**Cause:** Only the SYS and SYSTEM\_ users can change the current mode to ADMIN\_MODE.

**Action:** Check the connected user.

**0x41080 ( 266368) mmERR\_ABORT\_INVALID\_SESSION\_ID Invalid Session ID <0%d>**

**Cause:** It is impossible to find the session ID. Use a valid session ID.

**Action:** Verify that a session with the specified ID exists.

**0x41082 ( 266370) mmERR\_ABORT\_INTERNAL\_SERVER\_ERROR\_ARG Internal server error (<0%s>)**

**Cause:** The system encountered an internal server error. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x41083 ( 266371) mmERR\_ABORT\_NOT\_UPDATE\_PROPERTY A specified property does not exist or cannot be updated.**

**Cause:** A specified property does not exist or cannot be updated.

**Action:** Check the property.

**0x41087 ( 266375) mmERR\_ABORT\_ADMIN\_NOT\_ACCEPTED Failed to connect through a non-SYSDBA channel**

**Cause:** The user has to connect through a SYSDBA channel.

**Action:** Change the connection channel type.

**0x41088 ( 266376) mmERR\_ABORT\_SERVER\_PHASE\_MISMATCHES\_QUERY\_TYPE Unable to execute the query in the current start-up phase**

**Cause:** This query cannot be executed while the server is in the current state.

**Action:** After proceeding to a suitable startup phase, try again.

**0x41089 ( 266377) mmERR\_ABORT\_MMC\_DATE\_FORMAT\_LENGTH\_EXCEED** The length of the value of the **DEFAULT\_DATE\_FORMAT** property equals or exceeds the maximum length ( <0%d> ).

**Cause:** DEFAULT\_DATE\_FORMAT string is too long.

**Action:** Execute the ALTER SESSION statement with a valid DEFAULT\_DATE\_FORMAT string.

**0x4108A ( 266378) mmERR\_ABORT\_QUEUE\_NOT\_FOUND** Queue not found

**Cause:** The queue is not in the queue manager. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4108C ( 266380) mmERR\_ABORT\_GETRLIMIT\_ERROR** Failed to invoke the getrlimit() system function

**Cause:** An error occurred while invoking the getrlimit() function. This is an OS (system call error or library function) error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4108D ( 266381) mmERR\_ABORT\_OSFileSizeLimit\_ERROR** The maximum file size of the OS is less than that specified in the property. Decrease the file size property.

**Cause:** The maximum file size of the OS is less than that specified in the property.

**Action:** Decrease the file size property.

**0x4108E ( 266382) mmERR\_ABORT\_DATABASE\_NAME\_LENGTH\_ERROR** Invalid Database Name Length. Valid Database Name Length = 1 ~ <0%d>.

**Cause:** The database name length is invalid.

**Action:** Use a database name with a valid length.

**0x4108F ( 266383) mmERR\_ABORT\_PAGE\_RANGE\_ERROR** Invalid createdb initial size: <0%lu> bytes. Valid size range = <1%lu> ~ <2%lu> bytes.

**Cause:** The initial DB size specified for database creation is invalid.

**Action:** Specify an initial DB size within the valid range.

**0x41090 ( 266384) mmERR\_ABORT\_DATABASE\_NAME\_ERROR** Invalid Database Name. Check the properties and retry.

**Cause:** Invalid database name.

**Action:** Check the properties and retry.

**0x41091 ( 266385) mmERR\_ABORT\_SHM\_ALREADY\_EXIST\_ERROR** Shared Memory Already Exist. Remove Shared Memory First.

**Cause:** Shared memory already exists.

**Action:** Remove shared memory first.

**0x41098 ( 266392) mmERR\_ABORT\_STATEMENT\_NOT\_FOUND Failure to find statement**

**Cause:** It is impossible to find the statement. Use a valid statement.

**Action:** Verify that the statement is valid.

**0x41099 ( 266393) mmERR\_ABORT\_TOO\_MANY\_SESSION There are too many sessions**

**Cause:** Too many sessions are connected to this system.

**Action:** Disconnect unused sessions or increase the MAX\_CLIENT property.

**0x4109A ( 266394) mmERR\_ABORT\_SESSION\_NOT\_SPECIFIED Session is not specified in protocol**

**Cause:** The session is not specified in the protocol. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4109B ( 266395) mmERR\_ABORT\_SESSION\_NOT\_CONNECTED Session is not connected**

**Cause:** The session is not connected. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4109C ( 266396) mmERR\_ABORT\_INVALID\_SESSION\_PROPERTY Invalid session property**

**Cause:** Invalid session property.

**Action:** Use a valid session property.

**0x4109D ( 266397) mmERR\_ABORT\_INVALID\_EXECUTE\_OPTION Invalid execute option**

**Cause:** Invalid execute option. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x4109E ( 266398) mmERR\_ABORT\_INVALID\_LOB\_RANGE Invalid lob range**

**Cause:** Invalid lob range.

**Action:** Check the lob size and use a valid lob range.

**0x4109F ( 266399) mmERR\_ABORT\_INVALID\_DATA\_CONVERSION Invalid data conversion**

**Cause:** Invalid data conversion. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x410A0 ( 266400) mmERR\_ABORT\_INVALID\_BIND\_PARAMETER\_NUMBER Invalid bind parameter number**

**Cause:** Invalid number of binding parameters.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x410A1 ( 266401) mmERR\_ABORT\_ADD\_TASK\_TIMED\_OUT Add task timed out**

**Cause:** A timeout occurred while attempting to add a task. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x410A2 ( 266402) mmERR\_ABORT\_NUMERIC\_PRECISION\_OVERFLOW Numeric precision overflow**

**Cause:** Numeric precision overflow

**Action:** Numeric precision overflow

#### **0x410A3 ( 266403) mmERR\_ABORT\_NUMERIC\_SCALE\_OVERFLOW Numeric scale overflow**

**Cause:** Numeric scale overflow

**Action:** Numeric scale overflow

#### **0x410A5 ( 266405) mmERR\_ABORT\_INVALID\_STATEMENT\_FREE\_MODE Invalid statement free mode**

**Cause:** The client set an invalid free mode for the statement. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x410A6 ( 266406) mmERR\_ABORT\_UNSUPPORTED\_FETCHMOVE Unsupported fetch move operation**

**Cause:** Unsupported fetch move operation. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x410D2 ( 266450) mmERR\_ABORT\_FETCH\_OUT\_OF\_SEQ Fetch out of sequence.**

**Cause:** A fetch was attempted using a cursor that is no longer valid.

**Action:** Do not execute the COMMIT or ROLLBACK statement in a fetch loop.

#### **0x410A9 ( 266409) mmERR\_ABORT\_INVALID\_BIND\_COLUMN\_NUMBER Invalid bind column number**

**Cause:** Invalid bind column number. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

#### **0x410AA ( 266410) mmERR\_ABORT\_INVALID\_XA\_OPERATION Invalid XA operation**

**Cause:** Invalid XA operation. This is an internal programming exception.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x410AB ( 266411) mmERR\_ABORT\_NUMERIC\_CONVERSION\_OVERFLOW Numeric conversion overflow**

**Cause:** An overflow occurred while converting the numeric data type.

**Action:** Use the correct numeric precision.

**0x410AD ( 266413) mmERR\_ABORT\_DATA\_CONVERSION\_OVERFLOW Data conversion overflow**

**Cause:** Data conversion overflow.

**Action:** The data cannot be stored in the database as this data type.

**0x410AE ( 266414) mmERR\_ABORT\_INVALID\_PRECISION Invalid precision or length**

**Cause:** Invalid precision or length.

**Action:** Specify a suitable precision or length.

**0x410AF ( 266415) mmERR\_ABORT\_PRECISION\_MISMATCH Precision mismatch**

**Cause:** Precision mismatch.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x410B0 ( 266416) mmERR\_ABORT\_UNSUPPORTED\_NETWORK\_PROTOCOL Unsupported network protocol**

**Cause:** Unsupported network protocol.

**Action:** Use a supported network protocol.

**0x410B1 ( 266417) mmERR\_ABORT\_INVALID\_SESSION\_STATE Invalid request in current session state**

**Cause:** The request was invalid for the current session state.

**Action:** Check the client application.

**0x410B2 ( 266418) mmERR\_ABORT\_TASK\_ALLOC\_FAILED Task allocation failed**

**Cause:** Task memory allocation failed.

**Action:** Verify that enough memory is available.

**0x410B6 ( 266422) mmERR\_ABORT\_DNMismatched The DNs (Distinguished Names) in the Server and User Certificates are different.("<0%s>" != "<1%s>")**

**Cause:** The DNs (Distinguished Names) in the server and user certificates are different.

**Action:** Check both the server and client certificates.

**0x410B7 ( 266423) mmERR\_ABORT\_INVALID\_DATA\_SIZE Invalid size of data to bind to a host variable [ Param ID = <0%d>, Data Type = <1%s>, Data Size = <2%d>, Declared Size of Host Variable = <3%d> ]**

**Cause:** The size of the data and the size of the host variable differ.

**Action:** Check the size of the data to be bound to the host variable.

**0x410B8 ( 266424) mmERR\_ABORT\_INVALID\_SCALE\_SIZE Invalid scale of data to bind to a host variable [ Scale Size = <0%d> , Declared Scale of Host Variable = <1%d> ]**

**Cause:** The scale of the data and the scale of the host variable differ.

**Action:** Check the scale of the data to be bound to the host variable.

**0x410BA ( 266426) mmERR\_ABORT\_NO\_ALERTS\_REGISTERED There are no alerts registered.**

**Cause:** There are no alerts registered.

**Action:** Register alerts.

**0x410BC ( 266428) mmERR\_ABORT\_NOT\_EXIST\_XID A specified XID does not exist.**

**Cause:** A specified XID does not exist.

**Action:** Check the XID.

**0x410BD ( 266429) mmERR\_ABORT\_INVALID\_XA\_SESSION Do after xa\_open.**

**Cause:** This session is not an XA session.

**Action:** Check the XID.

**0x410BE ( 266430) mmERR\_ABORT\_NOT\_ASSOCIATED\_BRANCH A specified XID is not associated.**

**Cause:** A specified XID is not associated.

**Action:** Check the XID.

**0x410BF ( 266431) mmERR\_ABORT\_INVALID\_XA\_STATE State transition error (curr:<0%s>).**

**Cause:** The function routine was invoked in an improper context.

**Action:** Check the function routine.

**0x410C0 ( 266432) mmERR\_ABORT\_XID\_INUSE The specified XID is in use.**

**Cause:** The specified XID is in use.

**Action:** Check the XID.

**0x410C1 ( 266433) mmERR\_ABORT\_ALREADY\_EXIST\_XID The specified XID already exists.**

**Cause:** The specified XID already exists.

**Action:** Check the XID.

**0x410C2 ( 266434) mmERR\_ABORT\_INVALID\_XID Invalid XID.**

**Cause:** The specified XID does not exist.

**Action:** Check the XID.

**0x410C3 ( 266435) mmERR\_ABORT\_NOT\_ALLOWED\_DCL A DCL SQL command is not allowed in an xa session.**

**Cause:** A DCL SQL statement is not allowed in a global transaction.

**Action:** Do not use the DCL SQL command.

**0x410C4 ( 266436) mmERR\_ABORT\_NOT\_ALLOWED\_DDL A DDL SQL command is not allowed in an xa session.**

**Cause:** The Altibase XA application cannot execute any DDL SQL statements.

**Action:** Do not use the DDL SQL command.

**0x410C5 ( 266437) mmERR\_ABORT\_SERVER\_ALREADY\_STARTED The server is already started.**

**Cause:** The server is already started.

**Action:** Stop the server.

**0x410C6 ( 266438) mmERR\_ABORT\_ATOMIC\_EXECUTE\_ERROR Atomic Execute Error**

**Cause:** Atomic execute error.

**Action:** Check the data or the statement.

**0x410C7 ( 266439) mmERR\_ABORT\_DATABASE\_NAME\_ASCII\_ERROR Invalid Character Set for Database Name.**

**Cause:** Invalid database name character set.

**Action:** Use an ASCII character set for the database name.

**0x410C9 ( 266441) mmERR\_ABORT\_REMOTE\_SYSDBA\_NOT\_ALLOWED Remote access as SYSDBA not allowed**

**Cause:** The REMOTE\_SYSDBA\_ENABLE property is set to 0.

**Action:** Set the REMOTE\_SYSDBA\_ENABLE property to 1.

**0x410CB ( 266443) mmERR\_ABORT\_MMC\_NOT\_SUPPORT\_REPL\_MODE This replication mode is not supported at the session level.**

**Cause:** The replication modes (EAGER, ACKED, LAZY) do not pertain to sessions.

**Action:** No action is necessary.

**0x410CC ( 266444) mmERR\_ABORT\_NullSourceData "NULL source data were found when converting from MT source data to CM data.";**

**Cause:** Conversion failed because the source data received as an argument was NULL. This is an internal error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x410CD ( 266445) mmERR\_ABORT\_InvalidMantissaLength "The mantissa length ( <0%d> ) of the source data exceeds the maximum mantissa length.";**

**Cause:** Conversion failed because the data type value was invalid.



**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x410CE ( 266446) mmERR\_ABORT\_InvalidArrayBinds "Array binding is not permitted with SELECT statements.";**

**Cause:** An attempt was made to bind an array when executing a SELECT statement.

**Action:** Do not attempt to bind an array when executing a SELECT statement.

**0x410CF ( 266447) mmERR\_ABORT\_TOO\_MANY\_STATEMENTS\_IN\_THE\_SESSION There are too many statements in the session.**

**Cause:** Too many statements have been allocated to this session.

**Action:** Change the value of the MAX\_STATEMENTS\_PER\_SESSION property or remove unused statements.

**0x410D0 ( 266448) mmERR\_ABORT\_STATEMENT\_NUMBER\_EXCEEDS\_INPUT\_VALUE The number of allocated statements exceeds the input maximum value.**

**Cause:** The number of allocated statements exceeds the input maximum value.

**Action:** Enter a larger maximum value.

**0x410D1 ( 266449) mmERR\_ABORT\_TOO\_LONG\_PASSWORD\_ERROR Password too long**

**Cause:** The input password exceeded the maximum allowable length.

**Action:** Enter a shorter password.

**0x410D3 ( 266451) mmERR\_ABORT\_MMC\_TIMEZONE\_LENGTH\_EXCEED TIME\_ZONE string too long**

**Cause:** The length of the TIME\_ZONE property exceeds the maximum length.

**Action:** Execute the ALTER SESSION statement with a valid TIME\_ZONE string.

**0x410D4 ( 266452) mmERR\_ABORT\_EXCEEDS\_DEDICATED\_THREAD\_MAX\_COUNT The number of dedicated threads exceeds the maximum limit**

**Cause:** The number of dedicated threads exceeds the maximum limit.

**Action:** Change the value of the DEDICATED\_THREAD\_MAX\_COUNT property.

**0x410D5 ( 266453) mmERR\_ABORT\_FAIL\_TO\_ESTABLISH\_CONNECTION Client unable to establish connection.**

**Cause:** An attempt to connect as a normal user failed.

**Action:** Try to connect as sysdba.

**0x410D6 ( 266454) mmERR\_ABORT\_SHUTDOWN\_NOT\_SUPPORTED\_VIA\_IPC Not Supported via IPC.**

**Cause:** Executing the command via IPC is not supported.

**Action:** Try connecting via UNIXDOMAIN. 'SHUTDOWN EXIT' can be executed via IPC.

**0x410D8 ( 266456) mmERR\_ABORT\_DBMS\_NOT\_FOUND DB not found : <0%s>**

**Cause:** The specified database does not exist.

**Action:** Verify that the specified database exists.

**0x410DD ( 266461) mmERR\_ABORT\_EXCEEDS\_MAX\_SESSION The number of generable sessions is set at a larger value than the maximum value of MAX\_CLIENT.**

**Cause:** The number of generable sessions is set at a larger value than the maximum value of MAX\_CLIENT.

**Action:** Decrease the value of the JOB\_THREAD\_COUNT or the MAX\_CLIENT property.

**0x410E3 ( 266467) mmERR\_ABORT\_DISABLED\_TCP\_USER The user cannot connect using TCP.**

**Cause:** This user cannot connect using TCP.

**Action:** Please connect using SSL/UNIX domain/IPC. JAVA users can change the connection method in the application (for iSQL, change the value of the iSQL\_CONNECTION environment variable).

**0x410E4 ( 266468) mmERR\_ABORT\_GET\_IPV6\_INFO Failed to get IPV6 information.**

**Cause:** Failed to get IPv6 information.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x410E7 ( 266471) mmERR\_ABORT\_VALUE\_LENGTH\_EXCEED The length of the value set for <0%s> exceeds the limit ( <1%d> ).**

**Cause:** Input value is too long.

**Action:** Verify that the length of the input value does not exceed the limit.

**0x410E8 ( 266472) mmERR\_ABORT\_InvalidProcedure The ARRAY INSERT statement cannot be used with a SELECT statement that returns a ResultSet in stored procedures**

**Cause:** The stored procedure contains both the ARRAY INSERT statement and a SELECT statement that returns a ResultSet.

**Action:** Verify that the stored procedure does not contain both the ARRAY INSERT statement and a SELECT statement that returns a ResultSet.

**0x410E9 ( 266473) mmERR\_ABORT\_IP\_ACL\_DENIED Connection is not permitted by the ACCESS\_LIST: <0%s>**

**Cause:** ACCESS\_LIST is set DENY.

**Action:** Check and modify to PERMIT on the ACCESS\_LIST.

**0x410EA ( 266474) mmERR\_ABORT\_INVALID\_DATA\_TYPE Invalid type of data to bind to a host variable [ Param ID = <0%d>, Data Type = <1%d> ]**

**Cause:** The data type to be bound is not valid.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x410EB ( 266475) mmERR\_ABORT\_NO\_SESSION\_TO\_CLOSE** The session to close cannot be found.

**Cause:** No session to close exists anymore.

**Action:** Ascertain ID, user, and status of the session in V\$SESSION.

**0x410EC ( 266476) mmERR\_ABORT\_CANNOT\_CLOSE\_SELF\_SESSION** The self-accessed session cannot be closed.

**Cause:** Closing the session is impossible since it is currently being accessed.

**Action:** Re-close the session after identifying the session ID.

**0x410ED ( 266477) mmERR\_ABORT\_SESSION\_CLOSE\_NOT\_PERMITTED** Failed to close the session(s). Permission denied.

**Cause:** The authority for closing a session is the responsibility of SYS user.

**Action:** Login as SYS user then close the session.

**0x410EE ( 266478) mmERR\_ABORT\_INVALID\_ACCESS\_LIST\_FILE** Failed to open or close the access list file : <0%s> - <1%s>.

**Cause:** The ACCESS\_LIST\_FILE property is led to an invalid file.

**Action:**

- 1. Check to verify whether the file ACCESS\_LIST\_FILE property leads exists or not.
- 2. Check the error number in the trace log file.

**0x410EF ( 266479) mmERR\_ABORT\_EXCEEDED\_ACCESS\_LIST\_COUNT\_LIMIT** The access list file has items exceeding the maximum limit.

**Cause:** The number of items in the access list file exceed the maximum limit which is 1024.

**Action:** Reduce the number of access list items to be less than the maximum limit.

**0x410F0 ( 266480) mmERR\_ABORT\_RELOAD\_ACL\_NOT\_PERMITTED** Failed to reload the access list.

**Cause:** The ACCESS\_LIST\_FILE property is omitted or disabled.

**Action:** Enable the ACCESS\_LIST\_FILE property and reboot the DBMS.

**0x410F1 ( 266481) mmERR\_ABORT\_INVALID\_ACCESS\_LIST\_VALUE** The value of ACCESS\_LIST is not acceptable : (Line <0%d>) <1%s>

**Cause:** The data in the access list file is not compatible with the specified ACCESS\_LIST format.

**Action:** Modify the data to comply with the ACCESS\_LIST format.

**0x410F2 ( 266482) mmERR\_ABORT\_INVALID\_SNAPSHOT\_SCN** This is a snapshot SCN which cannot execute SELECT.

**Cause:** SCN cannot execute SELECT through a snapshot if SCN has been changed by a DDL occurred on a relevant table or iLoader is executed by creating a new table after starting the snapshot.

**Action:** Re-start the snapshot(ALTER DATABASE BEGIN SNAPSHOT;) after terminating the snapshot currently running(ALTER DATABASE END SNAPSHOT;).

**0x410F3 ( 266483) mmERR\_ABORT\_INVALID\_BEGIN\_SNAPSHOT Snapshot cannot be started since an iLoader session exists.**

**Cause:** An iLoader session exists. Snapshot is unable to run since it might affect the existing iLoader session.

**Action:** Terminate the current iLoader session, and then re-start to start the snapshot.

**0x410F4 ( 266484) mmERR\_ABORT\_INVALID\_SNAPSHOT\_THRESHOLD Snapshot cannot be working since the database exceeds maximum threshold value.**

**Cause:** Snapshot cannot be able to run since the capacity of memory or disk undo space has exceeded the maximum threshold value.

**Action:** Adjust the property value of SNAPSHOT\_MEM\_THRESHOLD, SNAPSHOT\_DISK\_UNDO\_THRESHOLD after checking the amount of memory use and undo space in V\$SNAPSHOT to secure space for the maximum threshold value.

**0x410F5 ( 266485) mmERR\_ABORT\_BEGIN\_SNAPSHOT Snapshot has already been being started.**

**Cause:** There should be no snapshot being executed in order to start the snapshot.

**Action:** Re-start (ALTER DATABASE BEGIN SNAPSHOT;)the snapshot after terminating(ALTER DATABASE END SNAPSHOT;) the snapshot which is currently running.

**0x410F6 ( 266486) mmERR\_ABORT\_END\_SNAPSHOT Snapshot has been ended.**

**Cause:** Snapshot has already been ended.

**Action:** Retry after executing the statement ALTER DATABASE END SNAPSHOT.

**0x410F7 ( 266487) mmERR\_ABORT\_INVALID\_WORKING\_SNAPSHOT Snapshot does not work.**

**Cause:** Snapshot is not running. The snapshot should be started in order for it to work.

**Action:** Retry after executing the snapshot(ALTER DATABASE BEGIN SNAPSHOT;).

**0x410F8 ( 266488) mmERR\_ABORT\_IPCDA\_MESSAGE\_TOO\_LONG The message size exceeds the maximum IPCDA buffer size(<0%d>).**

**Cause:** The size of message to send exceeds the maximum size of IPCDA buffer.

**Action:** Use another connection type.

**0x410F9 ( 266489) mmERR\_ABORT\_IPCDA\_UNSUPPORTED\_QUEUE Unsupported IPCDA for queue.**

**Cause:** The queue(enqueue/dequeue) is not supported in IPCDA.

**Action:** Set another communication protocols. Altibase supports the following communication besides IPCDA ; TCP/IP, Unix Domain Socket, IPC using Shared Memory, SSL/TLS.

**0x410FA ( 266490) mmERR\_ABORT\_SESSION\_WITH\_INVALID\_SMN The shard meta number(SMN) is invalid.: [ Session SMN=<0%lu>, Data Node SMN=<1%lu>, Disconnect=<2%s>, Protocol=<3%s> ]**

**Cause:** The shard meta number(SMN) of the data node is greater than the SMN of the session.

**Action:** Reconnect to the meta node.

**0x410FB ( 266491) mmERR\_ABORT\_PLAN\_CACHE\_INVALID\_SQL\_TEXT\_ID SQLTextID must be a number of at least five digits. (SQLTextID = <0%s>)**

**Cause:** SQLTextID does not match the format that you can enter.

**Action:** SQLTextID must be a number of at least five digits.

**0x410FC ( 266492) mmERR\_ABORT\_PLAN\_CACHE\_NOT\_FOUND\_SQL\_TEXT\_ID SQLTextID not found. (SQLTextID = <0%s>)**

**Cause:** The SQLTextID does not exist.

**Action:** Check whether SQLTextID exists in V\$SQL\_PLAN\_CACHE\_SQLTEXT.

**0x410FD ( 266493) mmERR\_ABORT\_IP\_ACL\_CONNECT\_OVER New connection try exceeds ACL limit: ( IP : <0%s>, ACL: <1%s>, Limit : <2%d>, Connected : <3%d> )**

**Cause:** New connection try aborted because it exceeds access control list (ACL) limit.

**Action:** Change the limit value of the ACCESS\_LIST.

**0x410FE ( 266494) mmERR\_ABORT\_MEMORY\_ALLOC\_FAILED memory allocation error. <0%s>.**

**Cause:** memory allocation failed.

**Action:** Verify that enough memory is available.

**0x4110B ( 266507) mmERR\_ABORT\_STILL\_OPEN\_STATEMENT Commit failed. Statements that are still open exist.**

**Cause:** Statements that are still open exist.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x4110C ( 266508) mmERR\_ABORT\_INVALID\_DATA\_TYPE\_FETCH Invalid type of data to fetch [ Column ID = <0%d>, Data Type = <1%d> ]**

**Cause:** The data type to be fetch is not valid.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

## IGNORE

### **0x42000 ( 270336) mmERR\_IGNORE\_NO\_ERROR No main module error**

**Cause:** This is not an error.

**Action:** Ignore this error message.

### **0x420A4 ( 270500) mmERR\_IGNORE\_NO\_COLUMN No column**

**Cause:** There was no column in the specified statement.

**Action:** Ignore this error message.

### **0x420A7 ( 270503) mmERR\_IGNORE\_NO\_CURSOR No cursor**

**Cause:** There was no cursor in the specified statement.

**Action:** Ignore this error message.

### **0x420A8 ( 270504) mmERR\_IGNORE\_NO\_PARAMETER No parameter**

**Cause:** There was no parameter in the specified statement.

**Action:** Ignore this error message.

### **0x420AC ( 270508) mmERR\_IGNORE\_UNABLE\_TO\_MAKE\_LISTENER Unable to make listener**

**Cause:** Unable to make listener.

**Action:** Ignore this error message.

### **0x420DB ( 270555) mmERR\_IGNORE\_UNSUPPORTED\_PROPERTY Unsupported property : [<0%d>].**

**Cause:** Unsupported property was used.

**Action:** Upgrade the server to the latest version.

### **0x420DE ( 270558) mmERR\_IGNORE\_ONLY\_SYSDBA\_CANDOTHAT Only sysdba can do that.**

**Cause:** Tried to change a property that only sysdba can change.

**Action:** Login as sysdba and try again.

### **0x420DF ( 270559) mmERR\_IGNORE\_THREAD\_COUNT\_UNCHANGED Maximum number of threads cannot be changed to smaller value.**

**Cause:** Tried to set the number of threads to a value lower than the current value.

**Action:** Do not attempt to set the threads to a value lower than the current value.

### **0x420E1 ( 270561) mmERR\_IGNORE\_PASSWORD\_GRACE\_PERIOD The password will expire within <0%d> day(s).**

**Cause:** The password expiration date is approaching.

**Action:** Change your password.

## 9.ODBC Error Code

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### FATAL

**0x5000C ( 327692) ulERR\_FATAL\_MEMORY\_ALLOC\_ERROR** Memory allocation error. <0%s>.

**Cause:** Memory space has been exhausted.

**Action:** Reduce the amount of memory being used by the client application.

**0x50032 ( 327730) ulERR\_FATAL\_FAIL\_TO\_ESTABLISH\_CONNECTION** Client unable to establish connection.

**Cause:** The driver was unable to establish a connection with the data source.

**Action:** Check the connection information.

**0x50047 ( 327751) ulERR\_FATAL\_MEMORY\_MANAGEMENT\_ERROR** Memory management error <0%s>

**Cause:** Memory has been corrupted.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x50137 ( 327991) ulERR\_FATAL\_LOB\_NOT\_OPENED** Memory management error. An attempt was made to execute an operation on a LOB locator that was not open. Possible memory corruption in <0%s>.

**Cause:** The state of the ulnLob structure was not ULN\_LOB\_ST\_OPENED while attempting to execute an operation on the ulnLob.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x50139 ( 327993) ulERR\_FATAL\_LOB\_INVALID\_STATE** Memory management error. The LOB function should not be called in this state. Possible memory corruption in <0%s>.

**Cause:** Failed to call the LOB function using a handle.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

### ABORT

**0x51001 ( 331777) ulERR\_ABORT\_idnSetDefaultFactoryError** No idn Default Factory found.

**Cause:** No character set was found.

**Action:** Change the NLS\_USE property.

**0x51002 ( 331778) ulERR\_ABORT\_INVALID\_HANDLE** Invalid Handle.

**Cause:** A handle is invalid.

**Action:** Check if the handle is SQL\_NULL\_HANDLE or NULL.

**0x5100F ( 331791) ulERR\_ABORT\_DateTime\_Field\_Overflow\_Error** Datetime field overflow. <0%s>.

**Cause:** Invalid datetime data was used.

**Action:** Check the data type range.

**0x51010 ( 331792) uIERR\_ABORT\_Invalid\_Datetime\_Format\_Error** Invalid datetime format.

**Cause:** The datetime data format is invalid.

**Action:** Check the datetime format.

**0x51012 ( 331794) uIERR\_ABORT\_Ignored\_Option\_Error** This option is ignored.

**Cause:** An unsupported property was used.

**Action:** Check the property value.

**0x51013 ( 331795) uIERR\_ABORT\_OPTIONAL\_FEATURE\_NOT\_IMPLEMENTED** This optional feature is not implemented.

**Cause:** An unsupported property was used.

**Action:** Check the property value.

**0x51014 ( 331796) uIERR\_ABORT\_FUNCTION\_SEQUENCE\_ERR** Function sequence error.

**Cause:** The function call sequence is out of order.

**Action:** Refer to the state transition table.

**0x51015 ( 331797) uIERR\_ABORT\_INVALID\_ATTRIBUTE\_VALUE** Invalid attribute value.

**Cause:** Invalid attribute value.

**Action:** Check if the value you provided is valid for specified attribute.

**0x51016 ( 331798) uIERR\_ABORT\_INVALID\_ATTR\_OPTION** Invalid attribute/option identifier : <0%d>.

**Cause:** The attribute or option identifier was invalid.

**Action:** Check the attribute ID or option value.

**0x51018 ( 331800) uIERR\_ABORT\_INVALID\_APP\_BUFFER\_TYPE** Invalid application buffer type : <0%d>.

**Cause:** The application buffer type was invalid.

**Action:** Check the host variable type in the application.

**0x51019 ( 331801) uIERR\_ABORT\_INVALID\_DESCRIPTOR\_INDEX** Invalid descriptor index : <0%d>.

**Cause:** The value specified for the ParameterNumber argument was less than 1, or the value specified for ColumnNumber was greater than the number of columns in the result set.

**Action:** Check the ParameterNumber argument.

**0x5101A ( 331802) uIERR\_ABORT\_INVALID\_PARAM\_TYPE** Invalid parameter type : <0%d>.



**Cause:** The value specified for the InputOutputType argument was invalid.

**Action:** Check the InputOutputType argument.

**0x5101B ( 331803) uIERR\_ABORT\_RESTRICTED\_DATATYPE\_VIOLATION** Restricted data type attribute violation. SQL\_C\_TYPE <0%d> and SQL\_TYPE <1%d> cannot be interconverted.

**Cause:** The data type identified by the ValueType argument cannot be converted to the data type identified by the ParameterType argument.

**Action:** Check the ValueType and ParameterType attributes.

**0x5101C ( 331804) uIERR\_ABORT\_INVALID\_USE\_OF\_NULL\_POINTER** Invalid use of null pointer.

**Cause:** Invalid use of null pointer.

**Action:** Check the value pointer and value length.

**0x5101D ( 331805) uIERR\_ABORT\_INVALID\_BUFFER\_LEN** Invalid string or buffer length : <0%d>.

**Cause:** The value in BufferLength was less than 0 or greater than the property size.

**Action:** Check the host variable.

**0x51020 ( 331808) uIERR\_ABORT\_Invalid\_StrLen\_IndPtr\_Error** Invalid string length.

**Cause:** The value in BufferLength was less than 0 or greater than the property value.

**Action:** Check the host variable.

**0x51026 ( 331814) uIERR\_ABORT\_INVALID\_CONN\_TYPE\_ERROR** Invalid connection type : (<0%d>).

**Cause:** Invalid connection type.

**Action:** Check the value of the CONNTYPE keyword.

**0x5102E ( 331822) uIERR\_ABORT\_INVALID\_CURSOR\_STATE** Invalid cursor state.

**Cause:** A cursor was opened on the StatementHandle, and an invalid function was called.

**Action:** Check the function sequence.

**0x51034 ( 331828) uIERR\_ABORT\_INVALID\_SQL\_TYPE** Invalid SQL data type : <0%d>.

**Cause:** The value specified for the InfoType argument was not valid for the ODBC version supported by the driver.

**Action:** Check the InfoType argument.

**0x51035 ( 331829) uIERR\_ABORT\_CONNECTION\_NAME\_IN\_USE** Connection name in use.

**Cause:** The specified ConnectionHandle has already been used to establish a connection, and the connection is still open.

**Action:** Check the ConnectionHandle argument.

**0x51036 ( 331830) uIERR\_ABORT\_NO\_CONNECTION Connection does not exist.**

**Cause:** The connection specified in the ConnectionHandle argument is not open.

**Action:** Check the ConnectionHandle argument.

**0x5103A ( 331834) uIERR\_ABORT\_INVALID\_TRANSACTION\_OPCODE Invalid transaction operation code.**

**Cause:** The value specified for the CompletionType argument was neither SQL\_COMMIT nor SQL\_ROLLBACK.

**Action:** Check the CompletionType argument.

**0x51040 ( 331840) uIERR\_ABORT\_WRONG\_FETCH\_TYPE Fetch type out of range.**

**Cause:** Invalid FetchOrientation.

**Action:** Check the FetchOrientation value.

**0x51041 ( 331841) uIERR\_ABORT\_INDICATOR\_REQUIRED\_BUT\_NOT\_SUPPLIED\_ERR Indicator variable required but not supplied.**

**Cause:** NULL data was bound to an output parameter for which StrLen\_or\_IndPtr, set in SQLBindParameter, was a null pointer.

**Action:** Set the StrLen\_or\_IndPtr argument in SQLBindParameter.

**0x51043 ( 331843) uIERR\_ABORT\_COMMUNICATION\_LINK\_FAILURE Communication link failure. <0%s>**

**Cause:** Communication link failure.

**Action:** Check the detailed error message following this error message.

**0x51044 ( 331844) uIERR\_ABORT\_Data\_Value\_Overflow\_Error <0%s> value out of range.**

**Cause:** The value is out of range.

**Action:** Check the value.

**0x5104B ( 331851) uIERR\_ABORT\_Invalid\_Cursor\_Position\_Error Invalid cursor position.**

**Cause:** The cursor position is within the range of an invalid rowset. Either the row has been deleted or the rowset has not been fetched.

**Action:** Check that the cursor value is within the range of a fetched rowset.

**0x5104C ( 331852) uIERR\_ABORT\_ROW\_VALUE\_OUT\_OF\_RANGE\_ERR Row value out of range.**

**Cause:** Row value out of range.

**Action:** Verify that the row value is correct.

**0x5104D ( 331853) uIERR\_ABORT\_CONNECTION\_TIME\_OUT Connection timeout.**

**Cause:** Connection timeout.

**Action:** Increase CONNECTION\_TIMEOUT value or tune the query.

**0x5104E ( 331854) uIERR\_ABORT\_CM\_CALLBACK\_NOT\_EXIST Communication module callback function does not exist.**

**Cause:** The communication module version and CLI version are not compatible.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x5104F ( 331855) uIERR\_ABORT\_CM\_GENERAL\_ERROR Communication link failure. CM ErrorCode : 0x<0%x>, System errno : <1%d>**

**Cause:** Communication module error.

**Action:** Check the system error number and take appropriate action.

**0x51051 ( 331857) uIERR\_ABORT\_PARAMETER\_NOT\_BOUND Some parameters were not bound.**

**Cause:** Some parameters were not bound.

**Action:** Check whether all the parameters were bound.

**0x51052 ( 331858) uIERR\_ABORT\_UNHANDLED\_MT\_TYPE An unhandled server data type (<0%d>) has been received.**

**Cause:** Received an invalid server data type.

**Action:** Check whether the server data type is supported.

**0x51056 ( 331862) uIERR\_ABORT\_INVALID\_USE\_OF\_IMP\_DESC Invalid use of an automatically allocated descriptor handle.**

**Cause:** An attempt was made to manipulate a descriptor handle allocated by the driver.

**Action:** Check the coding, and check that the proper syntax was used.

**0x51057 ( 331863) uIERR\_ABORT\_STMT\_HAVE\_NO\_RESULT\_SET The prepared statement is not a cursor specification.**

**Cause:** Since the statement associated with the statement handle did not return a result set, there was no column to describe.

**Action:** Check that the executed query returns a result set.

**0x51059 ( 331865) uIERR\_ABORT\_INVALID\_TRANSACTION\_STATE Invalid transaction state.**

**Cause:** Failed to execute the command.

**Action:** Check the transaction status.

**0x5105E ( 331870) uIERR\_ABORT\_ATTRIBUTE\_CANNOT\_BE\_SET\_NOW Attribute cannot be set now.**

**Cause:** Failed to set the attribute.

**Action:** Check the function call sequence.

**0x5105F ( 331871) uIERR\_ABORT\_FUNCTION\_TYPE\_OUT\_OF\_RANGE Function type out of range.**

**Cause:** Invalid function type.

**Action:** Check the function type.

**0x51062 ( 331874) uIERR\_ABORT\_CONNTYPE\_NOT\_SUPPORTED Invalid attribute Value**

CONNTYPE <0%d> is currently not supported.

**Cause:** Invalid CONNTYPE.

**Action:** Check CONNTYPE.

**0x51067 ( 331879) uIERR\_ABORT\_PORT\_NO\_ALTIBASE\_PORT\_NO\_NOT\_SET Neither PORT\_NO in the connection string nor the ALTIBASE\_PORT\_NO environment variable has been set.**

**Cause:** A port has not been set.

**Action:** Set the port with a connection string or the ALTIBASE\_PORT\_NO environment variable.

**0x51068 ( 331880) uIERR\_ABORT\_ALTIBASE\_HOME\_NOT\_SET The ALTIBASE\_HOME environment variable must be set before trying to connect to the Altibase server through a UNIX domain.**

**Cause:** The ALTIBASE\_HOME environment variable has not been set.

**Action:** Refer to the manual and set the ALTIBASE\_HOME environment variable.

**0x5106C ( 331884) uIERR\_ABORT\_INVALID\_INFO\_TYPE Invalid information type. SQLGetInfo does not know the InfoType <0%d>.**

**Cause:** Invalid InfoType.

**Action:** Verify that InfoType is valid.

**0x5106D ( 331885) uIERR\_ABORT\_READONLY\_DESCRIPTOR\_FIELD Invalid descriptor field identifier : <0%d>. The descriptor field is read-only.**

**Cause:** An attempt was made to change a read-only descriptor field.

**Action:** Check the coding, and check that the proper syntax was used.

**0x5106E ( 331886) uIERR\_ABORT\_INVALID\_ALTIBASE\_PORT\_NO Connection string does not have PORT\_NO, and environment variable ALTIBASE\_PORT\_NO does not have a valid value : <0%s>.**

**Cause:** The connection type is TCP, but the connection string does not specify a PORT\_NO. In addition, the environment variable ALTIBASE\_PORT\_NO is not valid.

**Action:** Set the ALTIBASE\_PORT\_NO environment variable correctly. Or specify PORT\_NO in the connection string.

**0x51070 ( 331888) uIERR\_ABORT\_UNHANDLED\_MT\_TYPE\_BINDINFO <0%s> : There is missing case in Bindinfo build table, where CTYPE = <1%d>, MTYPE = <2%d>.**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x51071 ( 331889) uIERR\_ABORT\_RESTRICTED\_DATATYPE\_VIOLATION\_BOOKMARK**  
**Restricted data type attribute violation. The ColumnNumber argument was 0, but the TargetType argument was not SQL\_C\_BOOKMARK or SQL\_C\_VARBOOKMARK.**

**Cause:** The ColumnNumber argument was 0, but the TargetType argument was not SQL\_C\_BOOKMARK or SQL\_C\_VARBOOKMARK.

**Action:** Check the TargetType argument value.

**0x51072 ( 331890) uIERR\_ABORT\_NUMERIC\_VALUE\_OUT\_OF\_RANGE** Numeric value out of range.

**Cause:** The numeric value is out of range.

**Action:** Check the numeric value.

**0x51073 ( 331891) uIERR\_ABORT\_INVALID\_DESC\_FIELD\_IDENTIFIER** Invalid descriptor field identifier : <0%d>.

**Cause:** An invalid descriptor field ID was used.

**Action:** Check the descriptor field ID.

**0x51075 ( 331893) uIERR\_ABORT\_INVALID\_NUMERIC\_LITERAL** Invalid character value for cast specification.

**Cause:** A data value that cannot be converted has been input.

**Action:** Check the data type and input value.

**0x51076 ( 331894) uIERR\_ABORT\_INVALID\_CONVERSION** Restricted data type attribute violation. SQL\_TYPE cannot be converted to SQL\_C\_TYPE as requested.

**Cause:** SQL\_TYPE cannot be converted to SQL\_C\_TYPE as requested.

**Action:** Refer to the CLI User's manual to convert to a supported type.

**0x51077 ( 331895) uIERR\_ABORT\_NUMERIC\_VALUE\_OUT\_OF\_RANGE\_MINUS** Numeric value out of range. The bound data type is unsigned but the fetched data is less than zero.

**Cause:** The numeric value is less than zero.

**Action:** Check the numeric value.

**0x51209 ( 332297) uIERR\_ABORT\_NUMERIC\_PRECISION\_OUT\_OF\_RANGE** Numeric value out of range. The value exceeded the numeric precision range of SQL\_NUMERIC\_STRUCT.

**Cause:** The value exceeded the numeric precision range of SQL\_NUMERIC\_STRUCT.

**Action:** Change the value or increase the precision.

**0x51078 ( 331896) uIERR\_ABORT\_NUMERIC\_SCALE\_OUT\_OF\_RANGE** Numeric value out of range. The value exceeded the numeric scale range of SQL\_NUMERIC\_STRUCT.

**Cause:** The value exceeded the numeric scale range of SQL\_NUMERIC\_STRUCT.

**Action:** Use a value within the numeric scale range of SQL\_NUMERIC\_STRUCT.

**0x5107A ( 331898) uIERR\_ABORT\_INVALID\_CURSOR\_POSITION\_GD** Invalid cursor position. The cursor position was AFTER END or BEFORE START.

**Cause:** The cursor position was AFTER END or BEFORE START.

**Action:** Use SQLFetch or SQLFetchScroll to move to a valid cursor position.

**0x5107B ( 331899) uIERR\_ABORT\_BIT\_VALUE\_OUT\_OF\_RANGE** Numeric value out of range. SQL\_C\_BIT can only have the value 0 or 1.

**Cause:** Invalid BIT value.

**Action:** Enter either 0 or 1.

**0x5107C ( 331900) uIERR\_ABORT\_BINARY\_SIZE\_NOT\_MATCH** Numeric value out of range. SQL\_C\_BINARY data length does not match the size of the SQL data type.

**Cause:** SQL\_C\_BINARY data length does not match the size of the SQL data type.

**Action:** Check whether the data lengths match.

**0x5107D ( 331901) uIERR\_ABORT\_CANNOT\_INSERT\_INTERVAL** Restricted data type attribute violation. The interval type is only for fetch operations. Interval type columns cannot be created, nor can values be inserted into interval type columns.

**Cause:** The interval type was used.

**Action:** Use another data type.

**0x51081 ( 331905) uIERR\_ABORT\_STRING\_LENGTH\_TOO\_LONG** Invalid attribute value. The string is too long to be used as an attribute value.

**Cause:** Invalid attribute value.

**Action:** Check the length of the provided string.

**0x51083 ( 331907) uIERR\_ABORT\_INCONSISTENT\_NIBBLE\_PRECISION\_AND\_BUFFER\_SIZE** Invalid parameter value. The SQL\_NIBBLE data structure precision field value exceeds the specified buffer size.

**Cause:** Invalid nibble structure precision.

**Action:** Specify an appropriate precision value for the nibble.

**0x51084 ( 331908) uIERR\_ABORT\_INCONSISTENT\_BIT\_PRECISION\_AND\_BUFFER\_SIZE** Invalid parameter value. The SQL\_BIT data structure precision field value exceeds the specified buffer size.

**Cause:** Invalid SQL\_BIT structure precision.

**Action:** Specify an appropriate precision value for the SQL\_BIT.

**0x51085 ( 331909) uIERR\_ABORT\_CANNOT\_MODIFY\_IRD** Cannot modify an implementation row descriptor.

**Cause:** An attempt was made to modify an implementation row descriptor.

**Action:** Check the coding, and check that the proper syntax was used.

**0x51086 ( 331910) uIERR\_ABORT\_FETCH\_OFFSET\_OUT\_OF\_RANGE** Fetch offset is too big or too small.

**Cause:** A scrollable cursor was used outside the FetchOffset range.

**Action:** When using a scrollable cursor, use it within the FetchOffset range.

**0x51088 ( 331912) uIERR\_ABORT\_INVALID\_ARRAY\_SIZE Invalid array size. Decrease the array size.**

**Cause:** Invalid array size.

**Action:** Decrease the array size.

**0x51089 ( 331913) uIERR\_ABORT\_CONVERT\_CHARSET\_FAILED Failed to convert charset : source charset id = <0%d>, target charset id = <1%d>, source index = <2%d>, target index = <3%d>**

**Cause:** Failed to encode the string.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x5108A ( 331914) uIERR\_ABORT\_ADMIN\_ALREADY\_RUNNING Another SYSDBA session is already running.**

**Cause:** A SYSDBA session is already running.

**Action:** Terminate the SYSDBA session process and execute it again.

**0x5108B ( 331915) uIERR\_ABORT\_INCOMPATIBLE\_PROPERTY Incompatible property : [<0%s>]. Upgrade server.**

**Cause:** Incompatible property was used.

**Action:** Upgrade the server to the latest version.

**0x5108D ( 331917) uIERR\_ABORT\_INVALID\_CONNECTION\_STR\_FORM Invalid connection string format: <0%d> : [<1%c>]**

**Cause:** The connection string format is invalid.

**Action:** Check the connection string. If it has exceeded the maximum allowed length, a question mark is output.

**0x51097 ( 331927) uIERR\_ABORT\_INVALID\_DATE\_STRING Invalid string: [<0%s>] for date format: [<1%s>]**

**Cause:** The input data does not match the date format.

**Action:** Ensure that the input value matches the date format.

**0x51098 ( 331928) uIERR\_ABORT\_INVALID\_NUMBER\_STRING Invalid string for number: [<0%s>]**

**Cause:** The input string cannot be converted to a number.

**Action:** Check the input string.

**0x51099 ( 331929) uIERR\_ABORT\_LOCK\_SEQUENCE\_ERR Lock sequence error.**

**Cause:** invalid Lock call sequence.

**Action:** Try disconnect and reconnect

**0x5111C ( 332060) uIERR\_ABORT\_PD\_ATTRIBUTE\_CANNOT\_BE\_SET\_NOW** This attribute cannot be set now. You can not call SQLPutData() with StrLen\_or\_Ind set to SQL\_NULL\_DATA after one or more previous calls to SQLPutData() for the same parameter have been returned.

**Cause:** SQL\_NULL\_DATA was used for SQLPutData().

**Action:** Enter data other than SQL\_NULL\_DATA for SQLPutData().

**0x5111D ( 332061) uIERR\_ABORT\_PD\_DATA\_TOO\_BIG** The SQL\_CHAR or SQL\_VARCHAR data type cannot be bigger than 32KB.

**Cause:** The SQL\_CHAR or SQL\_VARCHARSQ\_CHAR data type cannot accept a value larger than 32KB.

**Action:** Enter a value smaller than 32KB for the SQL\_CHAR or SQL\_VARCHARSQ\_CHAR data type. If the value is larger than 32KB, divide the value and input several times.

**0x5111F ( 332063) uIERR\_ABORT\_PD\_FIXED\_DATA\_NOT\_ALLOWED\_IN\_PIECES** Non-character and non-binary data sent in pieces.

**Cause:** An attempt was made to send non-variable data (non-CHAR, BINARY data) in pieces.

**Action:** Send non-variable data in one piece.

**0x5112C ( 332076) uIERR\_ABORT\_LOB\_AUTOCOMMIT\_MODE\_ERR** The connection is in autocommit mode. One cannot operate on LOB data in autocommit mode.

**Cause:** An attempt to execute a LOB operation was made while the connection is in autocommit mode.

**Action:** Turn off autocommit mode.

**0x5112D ( 332077) uIERR\_ABORT\_LOB\_FILE\_WRITE\_ERR** Failed to write LOB data to the file.

**Cause:** Failed to write LOB data to the file.

**Action:** Check whether the file path is valid and whether a file can be written.

**0x5112E ( 332078) uIERR\_ABORT\_LOB\_FILE\_READ\_ERR** Failed to read from a file.

**Cause:** Failed to read the file.

**Action:** Check whether the file path is valid and whether the file can be read.

**0x5112F ( 332079) uIERR\_ABORT\_FILE\_OPEN** Failed to open file : <0%s>.

**Cause:** Failed to open the file.

**Action:** Check whether the file path is valid and whether the file can be read.

**0x51130 ( 332080) uIERR\_ABORT\_FILE\_EXIST** The file <0%s> already exists.

**Cause:** The file already exists.



**Action:** Delete the file, or use the SQL\_FILE\_OVERWRITE or SQL\_FILE\_APPEND option.

**0x51131 ( 332081) uIERR\_ABORT\_FILE\_CLOSE Failed to close file : <0%s>.**

**Cause:** Failed to close the file.

**Action:** Check the operating system error number.

**0x51132 ( 332082) uIERR\_ABORT\_GET\_FILE\_SIZE Failed to get the file size: <0%s>.**

**Cause:** Failed to retrieve file information due to an operating system error.

**Action:** Check the operating system error number.

**0x51133 ( 332083) uIERR\_ABORT\_UNKNOWN\_FILE\_OPTION Unknown file option <0%d>.**

**Cause:** An invalid file option was used.

**Action:** Use a valid file options (SQL\_FILE\_CREATE, SQL\_FILE\_OVERWRITE, SQL\_FILE\_APPEND, SQL\_FILE\_READ)

**0x51138 ( 332088) uIERR\_ABORT\_INVALID\_FILE\_OPTION Invalid fileoption <0%d>.**

**Cause:** The specified file option is invalid. For instance, you may have specified SQL\_FILE\_CREATE while you intended to send the contents of a file to the Altibase server.

**Action:** Use a valid file options (SQL\_FILE\_CREATE, SQL\_FILE\_OVERWRITE, SQL\_FILE\_APPEND, SQL\_FILE\_READ).

**0x5113A ( 332090) uIERR\_ABORT\_FILE\_SIZE\_TOO\_BIG General error. The size of the provided file <0%s> is too big. The maximum file size is 4,294,967,295 bytes (4GB-1byte).**

**Cause:** The file is too big.

**Action:** Check the file size and use a smaller file.

**0x5113C ( 332092) uIERR\_ABORT\_INVALID\_APP\_BUFFER\_TYPE\_LOB Invalid application buffer type : type id <0%d> cannot be used as a LOB source buffer.**

**Cause:** An invalid buffer type was used.

**Action:** Check the buffer type.

**0x5113E ( 332094) uIERR\_ABORT\_VALIDATE\_INVALID\_LENGTH Invalid data value**

**Cause:** The value of the data exceeds the logical value scope.

**Action:** Check the data value.

**0x5113F ( 332095) uIERR\_ABORT\_INVALID\_CHARACTER Invalid character use.**

**Cause:** An invalid character is being used.

**Action:** Verify that every character in the input string is a valid character.

**0x51140 ( 332096) uIERR\_ABORT\_INVALID\_LOB\_RANGE Invalid lob range**

**Cause:** Invalid lob range

**Action:** Check the lob size and use a valid lob range.

**0x51190 ( 332176) uIERR\_ABORT\_FAILOVER\_SUCCESS FailOver Success**

**Cause:** Session FailOver Success

**Action:** Re-execute application logic.

**0x51191 ( 332177) uIERR\_ABORT\_INVALID\_ALTERNATE\_SERVER\_HOST The IP/Host value used in AlternateServers connection attribute is invalid: <0%s>**

**Cause:** The IP/Host value used in the AlternateServers connection attribute is invalid.

**Action:** Make sure the IP/Host value used in the AlternateServers connection attribute is valid.

**0x51192 ( 332178) uIERR\_ABORT\_GETADDRINFO\_ERROR The call to getaddrinfo() failed. The host name or service may be unknown.**

**Cause:** The host name or service may be unknown.

**Action:** Check the host name.

**0x51193 ( 332179) uIERR\_ABORT\_CONNECT\_INVALIDARG Invalid connect() argument.**

**Cause:** An argument for the connect() function was invalid.

**Action:** Check the IP and host name.

**0x51194 ( 332180) uIERR\_ABORT\_INVALID\_ALTERNATE\_SERVER\_FORMAT The value of AlternateServers connection attribute is invalid: <0%s>**

**Cause:** The value of AlternateServers connection attribute does not comply with the specified format.

**Action:** Make sure the value of AlternateServers connection attribute complies with the specified format.

**0x51195 ( 332181) uIERR\_ABORT\_INVALID\_ALTERNATE\_SERVER\_PORT The port values used in AlternateServers connection attribute are invalid: <0%s>**

**Cause:** The port values used in the AlternateServers connection attribute are not numbers or out of available range.

**Action:** Make sure the port values used in the AlternateServers connection attribute are valid.

**0x51196 ( 332182) uIERR\_ABORT\_ALTERNATE\_SERVER\_NOT\_SET The AlternateServers is not set.**

**Cause:** The AlternateServers is not set.

**Action:** Set up the value of AlternateServers connection.

**0x511F5 ( 332277) uIERR\_ABORT\_ACS\_INSUFFICIENT\_BUFFER\_SIZE Insufficient buffer size ( <0%d> ). Recommended size is more than ( <1%d> ).**

**Cause:** There was insufficient buffer size for the geometry object.

**Action:** Increase the buffer size.

**0x511F6 ( 332278) uIERR\_ABORT\_ACS\_INVALID\_BYTE\_ORDER Invalid byte order**

**Cause:** The byte order is invalid.

**Action:** Set the byte order information correctly.

**0x511F7 ( 332279) uIERR\_ABORT\_ACS\_INVALID\_DATA\_TYPE Invalid geometry sub-type**

**Cause:** The geometry sub-type is invalid.

**Action:** Set the geometry sub-type information correctly.

**0x511F8 ( 332280) uIERR\_ABORT\_ACS\_INVALID\_PARAMETER\_RANGE Invalid parameter value.**

**Cause:** A parameter value was invalid.

**Action:** Check the parameter value.

**0x511F9 ( 332281) uIERR\_ABORT\_ACS\_INVALID\_GEOMETRY Invalid geometry value.**

**Cause:** A geometry value was invalid.

**Action:** Check the geometry value.

**0x511FA ( 332282) uIERR\_ABORT\_ACS\_INVALID\_GEOMETRY\_BYTEORDER Invalid geometry byte order.**

**Cause:** The geometry byte order was invalid.

**Action:** Check the geometry byte order and consider calling ACSAdjustByteOrder.

**0x511FB ( 332283) uIERR\_ABORT\_ACS\_NOT\_APPLICABLE\_GEOMETRY\_TYPE Inapplicable geometry type**

**Cause:** The geometry type is not applicable.

**Action:** Check the geometry type.

**0x511FC ( 332284) uIERR\_ABORT\_ACS\_INVALID\_WKB Error parsing well-known-binary**

**Cause:** The specified well-known-binary is not correct.

**Action:** Check the well-known-binary.

**0x511FD ( 332285) uIERR\_ABORT\_UNSUPPORTED\_FUNCTION Unsupported function.**

**Cause:** This function is not supported.

**Action:** Do not use this function.

**0x511FE ( 332286) uIERR\_ABORT\_INVALID\_USE\_OF\_BIND\_TYPE Invalid use of bind type: <0%d>.**

**Cause:** The specified bind type has not been defined.

**Action:** Check the list of defined bind types and try again.

**0x511FF ( 332287) uIERR\_ABORT\_INVALID\_USE\_OF\_FIELD\_TYPE Invalid use of field type: <0%d>.**

**Cause:** The specified field type has not been defined.

**Action:** Check the field type.

**0x51200 ( 332288) uIERR\_ABORT\_TOO\_MANY\_STATEMENT There are too many allocated statements.**

**Cause:** Too many statements are allocated.

**Action:** Remove unused statements.

**0x5120A ( 332298) uIERR\_ABORT\_INVALID\_INDICATOR Invalid indicator value.**

**Cause:** The indicator value was invalid.

**Action:** Initialize the indicator value.

**0x5120B ( 332299) uIERR\_ABORT\_FAIL\_OBTAIN\_ERROR\_INFORMATION failed to obtain error information.**

**Cause:** Failed to obtain error information.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x51201 ( 332289) uIERR\_ABORT\_INVALID\_BOOKMARK\_VALUE Invalid bookmark value**

**Cause:** FetchOrientation is SQL\_FETCH\_BOOKMARK, but the SQL\_ATTR\_FETCH\_BOOKMARK\_PTR value is NULL or invalid.

**Action:** Check your application.

**0x51204 ( 332292) uIERR\_ABORT\_RESTRICTED\_DATATYPE\_VIOLATION\_BOOKMARK\_TYPE Restricted data type attribute violation**

**Cause:** Column 0 is bound with SQL\_C\_BOOKMARK when SQL\_ATTR\_USE\_BOOKMARKS value is SQL\_UB\_VARIABLE, or is bound with SQL\_C\_VARBOOKMARK when SQL\_ATTR\_USE\_BOOKMARKS value is not SQL\_UB\_VARIABLE.

**Action:** Set SQL\_ATTR\_USE\_BOOKMARKS to SQL\_UB\_VARIABLE when binding Column 0 with SQL\_C\_VARBOOKMARK, or to SQL\_UB\_FIXED otherwise.

**0x51205 ( 332293) uIERR\_ABORT\_PROGRAM\_TYPE\_OUT\_OF\_RANGE Data type in program out of range**

**Cause:** ColumnNumber argument is 0 and TargetType does not match bookmark setting.

**Action:** Use SQL\_C\_VARBOOKMARK for a variable bookmark, or SQL\_C\_BOOKMARK for a static bookmark.

**0x51207 ( 332295) uIERR\_ABORT\_CURSOR\_OP\_CONFLICT Cursor operation conflict**

**Cause:** The target rows for the UPDATE or DELETE operation could not be found, or have already been updated or deleted.

**Action:** Refetch before executing UPDATE or DELETE, and do not execute UPDATE or DELETE on deleted rows.

**0x51208 ( 332296) uIERR\_ABORT\_DOES\_NOT\_MATCH\_COLUMN\_LIST Type and number of columns in derived table does not match column list**

**Cause:** The column on which to perform the operation could not be found.

**Action:** Check if the column is unbound, read-only, or if the length/indicator value is SQL\_COLUMN\_IGNORE.

**0x5120C ( 332300) uIERR\_ABORT\_SSL\_OPERATION\_FAILURE SSL operation failure. <0%s>**

**Cause:** SSL operation failure.

**Action:** Check the detailed error and take appropriate action.

**0x5120D ( 332301) uIERR\_ABORT\_SSL\_LIBRARY\_ERROR Failed to load the OpenSSL library - <0%s>**

**Cause:** Failed to open the library or load functions from the library.

**Action:** Check whether or not the library has been installed and set properly.

**0x5120E ( 332302) uIERR\_ABORT\_SSL\_LINK\_FAILURE SSL link failure. <0%s>**

**Cause:** SSL link failure.

**Action:** Check the detailed error code and take appropriate action.

**0x5121D ( 332317) uIERR\_ABORT\_INVALID\_ALTIBASE\_SSL\_PORT\_NO Connection string does not have PORT\_NO, and environment variable ALTIBASE\_SSL\_PORT\_NO does not have a valid value : <0%s>.**

**Cause:** The connection type is SSL, but the connection string does not specify a PORT\_NO. Further, the environment variable ALTIBASE\_SSL\_PORT\_NO is not valid.

**Action:** Set the ALTIBASE\_SSL\_PORT\_NO environment variable correctly. Or specify PORT\_NO in the connection string.

**0x5121E ( 332318) uIERR\_ABORT\_PORT\_NO\_ALTIBASE\_SSL\_PORT\_NO\_NOT\_SET Neither PORT\_NO in the connection string nor the ALTIBASE\_SSL\_PORT\_NO environment variable has been set.**

**Cause:** A port has not been set.

**Action:** Set the port with a connection string or the ALTIBASE\_SSL\_PORT\_NO environment variable.

**0x51210 ( 332304) uIERR\_ABORT\_IPCDA\_MESSAGE\_TOO\_LONG Exceeding message size for maximum size of IPCDA buffer(<0%d>).**

**Cause:** The message to convey exceeds the maximum size of IPCDA buffer.

**Action:** Use another connection type.

**0x51211 ( 332305) uIERR\_ABORT\_IPCDA\_UNSUPPORTED\_FUNCTION Unsupported function for IPCDA.**

**Cause:** The function is not supported in IPCDA.

**Action:** Use another connection type.

**0x51212 ( 332306) uIERR\_ABORT\_IPCDA\_UNSUPPORTED\_SQL\_DATA\_TYPE Unsupported SQL data type(<0%d>) for IPCDA.**

**Cause:** Unsupported SQL data type in IPCDA was used.

**Action:** Use another connection type.

**0x51213 ( 332307) uIERR\_ABORT\_IPCDA\_UNSUPPORTED\_C\_DATA\_TYPE Unsupported C data type(<0%d>) for IPCDA.**

**Cause:** Unsupported C data type in IPCDA was used.

**Action:** Use another connection type.

For Shard

**0x51214 ( 332308) uIERR\_ABORT\_SHARD\_ERROR The <0s> of client-side sharding failed due to the following reason: <1s>**

**Cause:** The operation of client-side sharding is invalid.

**Action:** Take an appropriate measure for the error.

**0x51215 ( 332309) uIERR\_ABORT\_SHARD\_CLI\_ERROR The <0s> of client-side sharding failed.: <1s>**

**Cause:** The operation of shard data node failed.

**Action:** Take an appropriate measure for the error.

**0x51216 ( 332310) uIERR\_ABORT\_SHARD\_NODE\_FAILOVER\_IS\_NOT\_AVAILABLE Failover is not available.**

**Cause:** Failed to connect to shard library or coordinates.

**Action:** Check the shard node status or network.

**0x51217 ( 332311) uIERR\_ABORT\_SHARD\_NODE\_INVALID\_TOUCH This is an invalid transaction performing on multiple nodes.(The previous access node[<0s>,<1s>:<2d>], the current access node[<3s>,<4s>:<5d>])**

**Cause:** Each transaction is performed only on a single shard data node.

**Action:** Complete the transaction being currently executed.

**0x51218 ( 332312) uIERR\_ABORT\_SHARD\_VERSION\_MISMATCH Mismatched Shard version.**

**Cause:** The shard versions of server and client do not correspond.

**Action:** Use the identical shard and client versions.

**0x51219 ( 332313) uIERR\_ABORT\_SHARD\_DATA\_NODE\_CONNECTION\_FAILURE <0s>**

**Cause:** An error occurred during the data node connection.

**Action:** Take appropriate measures after verifying the data node and error number.

**0x5121F ( 332319) uIERR\_ABORT\_SHARD\_META\_CHANGED** The shard meta information was changed.

**Cause:** The shard meta information was changed.

**Action:** Re-execute application logic.

**0x51220 ( 332320) uIERR\_ABORT\_SHARD\_INTERNAL\_ERROR** The shard internal server error (<0%s>).

**Cause:** Unexepected error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x51221 ( 332321) uIERR\_ABORT\_SHARD\_UNSUPPORTED\_FUNCTION** The <0%s> is not supported in shard client library.

**Cause:** This function is not supported in shard client library.

**Action:** Do not use this function.

**0x51222 ( 332322) uIERR\_ABORT\_FEATURE\_NOT\_IMPLEMENTED\_IN\_SHARD** This feature is not implemented.

**Cause:** An unsupported attribute was used in shard client library.

**Action:** Check the attribute.

**0x5121A ( 332314) uIERR\_ABORT\_INVALID\_ALTIBASE\_IB\_PORT\_NO** Connection string does not have PORT\_NO, and environment variable ALTIBASE\_IB\_PORT\_NO does not have a valid value : <0%s>.

**Cause:** The connection type is IB, but the connection string does not specify a PORT\_NO. Further, the environment variable ALTIBASE\_IB\_PORT\_NO is not valid.

**Action:** Set the ALTIBASE\_IB\_PORT\_NO environment variable correctly. Or specify PORT\_NO in the connection string.

**0x5121B ( 332315) uIERR\_ABORT\_PORT\_NO\_ALTIBASE\_IB\_PORT\_NO\_NOT\_SET** Neither PORT\_NO in the connection string nor the ALTIBASE\_IB\_PORT\_NO environment variable has been set.

**Cause:** A port has not been set.

**Action:** Set the port with a connection string or the ALTIBASE\_IB\_PORT\_NO environment variable.

**0x5121C ( 332316) uIERR\_ABORT\_IB\_RECONNECT\_INVALIDARG** Invalid rconnect() argument.

**Cause:** An argument for the rconnect() function was invalid.

**Action:** Check the IP and host name.

## IGNORE

### **0x52000 ( 335872) uIERR\_IGNORE\_NO\_ERROR Success**

**Cause:** This is not an error.

**Action:** You can ignore this error message.

### **0x52011 ( 335889) uIERR\_IGNORE\_OPTION\_VALUE\_CHANGED Option value changed. <0%s>.**

**Cause:** The set option value has been changed.

**Action:** Check the option value.

### **0x52027 ( 335911) uIERR\_IGNORE\_RIGHT\_TRUNCATED String data right-truncated.**

**Cause:** The buffer was not large enough to return the entire string.

**Action:** Check the buffer size.

### **0x52046 ( 335942) uIERR\_IGNORE\_FRACTIONAL\_TRUNCATION Fractional truncation.**

**Cause:** The data returned for an input/output or output parameter was truncated.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

### **0x52063 ( 335971) uIERR\_IGNORE\_CONNECTION\_STR\_IGNORED Connection string pair [<0%s> = {<1%s>}:] ignored.**

**Cause:** The connection string keyword is invalid or has no value.

**Action:** Check the keyword or value.

### **0x5206F ( 335983) uIERR\_IGNORE\_FETCH\_BEFORE\_RESULTSET A fetch attempt made before the result set returned the first rowset.**

**Cause:** A fetch was attempted before the result set returned the first rowset.

**Action:** You may safely ignore this error.

### **0x52087 ( 336007) uIERR\_IGNORE\_VALUE\_TOO\_BIG The value is too big to fit in the parameter variable.**

**Cause:** The rowcount value exceeds the out parameter maximum value.

**Action:** You may safely ignore this error.

### **0x5208C ( 336012) uIERR\_IGNORE\_PASSWORD\_GRACE\_PERIOD The password will expire within <0%d> day(s).**

**Cause:** The password expiration date is approaching.

**Action:** Change your password.

### **0x52202 ( 336386) uIERR\_IGNORE\_HOLE\_DETECTED Delete or update hole detected**

**Cause:** A row in the result table is missing or changed.

**Action:** Check the indicator variable and handle the hole accordingly.



**0x52203 ( 336387) uIERR\_IGNORE\_HOLE\_DETECTED\_BUT\_NO\_INDICATOR Hole detected but no indicator variable provided**

**Cause:** A hole was found in the result table, but no row status indicator variable was provided.

**Action:** Set row-status indicator variables.

**0x52206 ( 336390) uIERR\_IGNORE\_ERROR\_IN\_ROW Error(s) in row(s)**

**Cause:** One or more rows could not be processed.

**Action:** Check the error information.

**0x5220F (336399) uIERR\_IGNORE\_CANNOT\_BE\_PREFETCHED\_ASYNC Synchronous prefetch is executed since the asynchronous prefetch failed.**

**Cause:** Other statement is performing asynchronous prefetch.

**Action:** Retry asynchronous prefetch after closing the cursor of statement.

# 10.APRE Error Code

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## ABORT

**0x51000 ( 331776) ulpERR\_ABORT\_FILE\_OPEN\_ERROR Failed to open file: <0%s>, errno=<1%d>**

**Cause:** Failed to open the file.

**Action:** Check the file path is valid and the client application has enough privileges.

**0x51001 ( 331777) ulpERR\_ABORT\_COMP\_Invalid\_File\_Size FileSize (<0%s>) is zero.**

**Cause:** The file size is zero.

**Action:** Check the file.

**0x51002 ( 331778) ulpERR\_ABORT\_FILE\_NOT\_FOUND File not found: <0%s>**

**Cause:** File or directory does not exist.

**Action:** Check the path or create file or change the code.

**0x51003 ( 331779) ulpERR\_ABORT\_FILE\_DELETE\_ERROR Failed to delete file: <0%s>, errno=<1%u>**

**Cause:** Failed to delete the file.

**Action:** Check the file path is valid and the client application has enough privileges.

**0x51004 ( 331780) ulpERR\_ABORT\_Memory\_Alloc\_Error Memory allocation error.**

**Cause:** Memory is full or process heap corruption occurred.

**Action:** If this error occurs on the client, reduce the amount of memory being used by the client application. If this error occurs on the server, verify that there is enough memory.

**0x51005 ( 331781) ulpERR\_ABORT\_Latch\_Init\_Error Latch initialize error. (<1%s>:<0%d> )**

**Cause:** The system encountered an internal server error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x51006 ( 331782) ulpERR\_ABORT\_Latch\_Read\_Error Latch read error. (<1%s>:<0%d> )**

**Cause:** The system encountered an internal server error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x51007 ( 331783) ulpERR\_ABORT\_Latch\_Release\_Error Latch release error. (<1%s>:<0%d> )**

**Cause:** The system encountered an internal server error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x51008 ( 331784) ulpERR\_ABORT\_Latch\_Write\_Error Latch write error.**  
 (<1%s>:<0%d> )

**Cause:** The system encountered an internal server error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x51009 ( 331785) ulpERR\_ABORT\_Latch\_Destroy\_Error Latch destroy error.**  
 (<1%s>:<0%d>)

**Cause:** The system encountered an internal server error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x5100A ( 331786) ulpERR\_ABORT\_FILE\_CLOSE\_ERROR Failed to close file: <0%s>,  
 errno=<1%d>**

**Cause:** Failed to close the file.

**Action:** Check the operating system error number.

**0x5100B ( 331787) ulpERR\_ABORT\_FILE\_WRITE\_ERROR Failed to write file: <0%s>,  
 errno=<1%u>**

**Cause:** Failed to write the file.

**Action:** Check the file path is valid and the client application has enough privileges.

**0x5100C ( 331788) ulpERR\_ABORT\_COMP\_C\_Comment\_No\_Close\_Error C-type comment is not closed.**

**Cause:** C-type Comment is not closed.

**Action:** Close C-type Comment.

**0x5100D ( 331789) ulpERR\_ABORT\_COMP\_C\_Unknown\_Structname\_Error The structure name [<0%s>] is unknown.**

**Cause:** The structure name is unknown.

**Action:** Change the structure name.

**0x5100E ( 331790) ulpERR\_ABORT\_COMP\_C\_Duplicate\_Structname\_Error The structure name [<0%s>] is a duplicate.**

**Cause:** The structure name is the same as an existing name.

**Action:** Change the structure name.

**0x5100F ( 331791) ulpERR\_ABORT\_COMP\_C\_Add\_Symbol\_Error The symbol name [<0%s>] cannot be added to the symbol table.**

**Cause:** The symbol name cannot be added to the symbol table.

**Action:** Check the name of the symbol.

**0x51010 ( 331792) ulpERR\_ABORT\_COMP\_C\_Exceed\_Max\_Id\_Length\_Error The symbol name exceeds the maximum length: <0%s>**

**Cause:** The symbol name is too long. Maximum length is 1023.  
**Action:** Change the symbol name to a shorter name.

**0x51011 ( 331793) ulpERR\_ABORT\_COMP\_Symbol\_Redefinition\_Error** Redefinition of '<0%s>'.

**Cause:** The symbol has already been defined.

**Action:** Change the symbol name.

**0x51012 ( 331794) ulpERR\_ABORT\_COMP\_Type\_Not\_Exist\_Error** Unknown type '<0%s>'.

**Cause:** The type is unknown.

**Action:** Use a known type.

**0x51013 ( 331795) ulpERR\_ABORT\_COMP\_Invalid\_Scope\_Depth\_Error** Invalid scope depth: <0%d>

**Cause:** Braces are nested too deeply. Maximum depth is 100.  
**Action:** Remove some braces to reduce the depth of nesting.

**0x51014 ( 331796) ulpERR\_ABORT\_COMP\_Brace\_Count\_Error** Inconsistent brace count.

**Cause:** The number of opening braces does not match the number of closing braces.

**Action:** Check the number of opening and closing braces.

**0x51015 ( 331797) ulpERR\_ABORT\_COMP\_Paren\_Count\_Error** Inconsistent parenthesis count error.

**Cause:** The number of opening parentheses does not match the number of closing parentheses.

**Action:** Check the number of opening and closing parentheses and try again.

**0x51016 ( 331798) ulpERR\_ABORT\_COMP\_Exceed\_Max\_Nested\_Struct\_Depth\_Error** The nested structure exceeds the maximum possible depth.

**Cause:** The nested structure exceeds the maximum possible depth(100).

**Action:** Decrease the depth of the nested structure.

**0x51017 ( 331799) ulpERR\_ABORT\_COMP\_Varchar\_In\_IncludeFile\_Error** VARCHAR declarations are not permitted in #include files.

**Cause:** A varchar declaration was used in an #include file.

**Action:** Remove the varchar declaration from the #include file. Consider using EXEC SQL INCLUDE instead.

**0x51018 ( 331800) ulpERR\_ABORT\_COMP\_Syntax\_Error** Failed to compile with invalid syntax.

**Cause:** The invalid syntax exists in the \*.sc file and could not compile the file.

**Action:** Verify the syntax of the \*.sc file.

**0x5101E ( 331806) ulpERR\_ABORT\_COMP\_Emsqlstmt\_Exist\_in\_CIncludefile\_Error** The C include file can't contain embedded SQL statements.

**Cause:** The C include file can't contain embedded SQL statements.

**Action:** Delete the embedded SQL statement.

**0x5101F ( 331807) ulpERR\_ABORT\_COMP\_No\_End\_Declare\_Section\_Error EXEC SQL END DECLARE SECTION does not exist.**

**Cause:** The EXEC SQL END DECLARE SECTION does not exist.

**Action:** Check the EXEC SQL END DECLARE SECTION.

**0x51020 ( 331808) ulpERR\_ABORT\_COMP\_No\_Begin\_Declare\_Section\_Error EXEC SQL BEGIN DECLARE SECTION does not exist.**

**Cause:** The EXEC SQL BEGIN DECLARE SECTION does not exist.

**Action:** Check the EXEC SQL BEGIN DECLARE SECTION.

**0x51021 ( 331809) ulpERR\_ABORT\_COMP\_No\_End\_Arg\_Section\_Error EXEC SQL END ARGUMENT SECTION does not exist.**

**Cause:** The EXEC SQL BEGIN ARGUMENT SECTION does not exist.

**Action:** Check the EXEC SQL BEGIN ARGUMENT SECTION.

**0x51022 ( 331810) ulpERR\_ABORT\_COMP\_No\_Begin\_Arg\_Section\_Error EXEC SQL BEGIN ARGUMENT SECTION does not exist.**

**Cause:** The EXEC SQL BEGIN ARGUMENT SECTION does not exist.

**Action:** Check the EXEC SQL BEGIN ARGUMENT SECTION.

**0x51023 ( 331811) ulpERR\_ABORT\_COMP\_Unterminated\_String\_Error Unterminated string error.**

**Cause:** Unterminated string.

**Action:** Check that there is no unterminated string.

**0x51024 ( 331812) ulpERR\_ABORT\_COMP\_Exceed\_Max\_Connname\_Error Connection name [<0%s>] is too long. (max length is 50)**

**Cause:** The connection name is too long.

**Action:** Check the connection name.

**0x51025 ( 331813) ulpERR\_ABORT\_COMP\_Exceed\_Max\_Cursorname\_Error Cursor name [<0%s>] is too long. (max length is 50)**

**Cause:** The cursor name is too long.

**Action:** Check the cursor name.

**0x51026 ( 331814) ulpERR\_ABORT\_COMP\_Exceed\_Max\_Stmntname\_Error Statement name [<0%s>] is too long. (max length is 50)**

**Cause:** The statement name is too long.

**Action:** Check the statement name.

**0x51027 ( 331815) ulpERR\_ABORT\_COMP\_FOR\_iternum\_Error The number of FOR loop iterations must be greater than zero.**

**Cause:** The number of FOR loop iterations was zero.

**Action:** Ensure that the number of "for" iterations is greater than zero.

**0x51028 ( 331816) ulpERR\_ABORT\_COMP\_Unknown\_Hostvar\_Error** The host variable [<0%s>] is unknown.

**Cause:** The host variable is unknown.

**Action:** Ensure that the host variable has been declared.

**0x51029 ( 331817) ulpERR\_ABORT\_COMP\_Lob\_Locator\_Error** The host variable in a FREE LOB statement must be a LOB locator.

**Cause:** The variable was not a LOB locator.

**Action:** Check the type of the host variable.

**0x5102A ( 331818) ulpERR\_ABORT\_COMP\_Unterminated\_EMString\_Error** Unterminated embedded SQL statement.

**Cause:** Unterminated embedded SQL statement.

**Action:** Ensure that the embedded SQL statement ends with a semicolon (;).

**Action:** Set the connection string appropriately.

**0x5102B ( 331819) ulpERR\_ABORT\_COMP\_Wrong\_IndicatorType\_Error** The indicator variable [<0%s>] should be of type SQLLEN or a compatible type.

**Cause:** The indicator variable data type is not compatible with SQLLEN.

**Action:** Change the indicator variable data type to SQLLEN or INT.

**0x5102C ( 331820) ulpERR\_ABORT\_COMP\_Repeat\_Array\_Struct\_Error** Two or more arrays of structures are bound to host variables in the same statement.

**Cause:** Only one array of structures can be bound to a host variable in a single statement.

**Action:** Bind only one array of structures to a host variable in one statement.

**0x5102D ( 331821) ulpERR\_ABORT\_COMP\_Invalid\_Indicator\_Usage\_Error** A host variable that is an array of structures cannot be associated with an indicator.

**Cause:** A host variable that is an array of structures is associated with an indicator.

**Action:** Remove the indicator.

**0x51032 ( 331826) ulpERR\_ABORT\_COMP\_Unknown\_Macro\_Overflow\_Error** An unknown macro is too long. (>4k)

**Cause:** A macro is too long.

**Action:** Shorten the macro so it is within the allowable size.

**0x51033 ( 331827) ulpERR\_ABORT\_COMP\_IF\_Macro\_Syntax\_Error** Macro #if statement syntax error.

**Cause:** The syntax of an #if statement in a macro is incorrect.

**Action:** Check the syntax of the `#if` statement in the macro.

**0x51034 ( 331828) ulpERR\_ABORT\_COMP\_ELIF\_Macro\_Syntax\_Error Macro `#elif` statement syntax error.**

**Cause:** The syntax of an `#elif` statement in a macro is incorrect.

**Action:** Check the syntax of the `#elif` statement in the macro.

**0x51035 ( 331829) ulpERR\_ABORT\_COMP\_ELIF\_Macro\_Sequence\_Error Macro `#elif` statement sequence error.**

**Cause:** The position of an `#elif` statement in a macro is incorrect.

**Action:** Check the position of the `#elif` statement in the macro.

**0x51036 ( 331830) ulpERR\_ABORT\_COMP\_ELSE\_Macro\_Sequence\_Error Macro `#else` statement sequence error.**

**Cause:** The position of an `#else` statement in a macro is incorrect.

**Action:** Check the position of the `#else` statement in the macro.

**0x51037 ( 331831) ulpERR\_ABORT\_COMP\_ENDIF\_Macro\_Sequence\_Error Macro `#endif` statement sequence error.**

**Cause:** The position of an `#endif` statement in a macro is incorrect.

**Action:** Check the position of the `#endif` statement in the macro.

**0x51038 ( 331832) ulpERR\_ABORT\_PREPROC\_If\_Empty\_Char\_Constant\_Error An empty char constant cannot be used with an `#if` macro expression.**

**Cause:** An empty char constant was used with an `#if` macro expression.

**Action:** Do not use an empty char constant with an `#if` macro expression.

**0x51039 ( 331833) ulpERR\_ABORT\_COMP\_Include\_Depth\_Too\_Large\_Error Include files are nested too deeply. (maximum <0%>)**

**Cause:** Include files are nested too deeply within other include files.

**Action:** Do not nest include files more than <0%> levels deep.

**0x5103A ( 331834) ulpERR\_ABORT\_COMP\_NO\_ENDIF\_Macro\_Error No `#endif` error.**

**Cause:** An `#if` statement was used in a macro without an `#endif` statement.

**Action:** Remove the `#if` statement from the macro or add an `#endif` statement to the macro.

**0x5103B ( 331835) ulpERR\_ABORT\_COMP\_DEFINE\_FUNC\_NOBRACE\_Error A closing parenthesis ')' is missing from the macro parameter list.**

**Cause:** A closing parenthesis ')' is missing from the macro parameter list.

**Action:** Add a closing parenthesis ')' to the macro parameter list.

**0x5103C ( 331836) ulpERR\_ABORT\_COMP\_DEFINE\_Unknown\_Macro\_Error Unknown macro name, or missing parenthesis after macro name. ( <0%> )**

**Cause:** The name of a macro is unknown, or a closing parenthesis is missing after a macro name.

**Action:** Check the macro name and declaration syntax.

**0x5103D ( 331837) ulpERR\_ABORT\_COMP\_DEFINE\_FUNC\_Unterminated\_String\_Error**  
**Unterminated string error.**

**Cause:** A string does not have a terminating character.

**Action:** Check that the string has been properly terminated.

**0x5103E ( 331838) ulpERR\_ABORT\_COMP\_Define\_Macro\_Overflow\_Error** The content of a #define macro is too long. (>32k)

**Cause:** The content of a #define macro is too long.

**Action:** Check the #define macro and shorten it.

**0x51046 ( 331846) ulpERR\_ABORT\_COMP\_Option\_Duplicated\_Error** <0%s> option is repeated.

**Cause:** A preprocessing command-line option was specified more than once.

**Action:** Check the preprocessing command-line option.

**0x51047 ( 331847) ulpERR\_ABORT\_COMP\_Option\_String\_Overflow\_Error** Option string <0%s> is too long.

**Cause:** An option string was too long.

**Action:** Check the preprocessing command-line options.

**0x51049 ( 331849) ulpERR\_ABORT\_COMP\_Invalid\_Input\_fileName\_Error** Input file must be a form of '\*.sc'.

**Cause:** The preprocessing filename extension was invalid.

**Action:** Check the preprocessing file name.

**0x5104A ( 331850) ulpERR\_ABORT\_Unknown\_Stmttype\_Error** Unknown embedded SQL statement type.

**Cause:** Unknown embedded SQL statement.

**Action:** Check the embedded SQL statement.

**0x51054 ( 331860) ulpERR\_ABORT\_COMP\_Not\_Supported\_WITH\_RETURN\_Error** WITH RETURN option is not supported yet.

**Cause:** The WITH RETURN option is currently unsupported.

**Action:** Do not use this function.

**0x51055 ( 331861) ulpERR\_ABORT\_COMP\_Not\_Supported\_READ\_ONLY\_Error** READ ONLY option is not supported yet.

**Cause:** The READ ONLY option is currently unsupported.

**Action:** Do not use this function.

**0x51056 ( 331862) ulpERR\_ABORT\_COMP\_Not\_Supported\_ALTER\_COMPACT\_Error** ALTER COMPACT option is not supported yet.

**Cause:** The ALTER COMPACT option is currently unsupported



**Action:** Do not use this function.

**0x5105A ( 331866) ulpERR\_ABORT\_Conn\_Not\_Exist\_Error** The connection does not exist. (Name:<0%s>)

**Cause:** The server connection was released.

**Action:** Check the connection with the server.

**0x5105B ( 331867) ulpERR\_ABORT\_Conn\_Aleady\_Exist\_Error** The connection already exists. (Name:<0%s>)

**Cause:** The connection with the server already exists.

**Action:** Check the connection with the server.

**0x5105D ( 331869) utERR\_ABORT\_Conn\_First\_Trial\_Failed** Failed first connection attempt.

**Cause:** The first server connection attempt failed.

**Action:** Check the server connection information.

**0x5105E ( 331870) ulpERR\_ABORT\_Conn\_Second\_Trial\_Failed** Failed second connection attempt.

**Cause:** The second server connection attempt failed.

**Action:** Check the server connection information.

**0x5105F ( 331871) ulERR\_ABORT\_Disconn\_Xa\_Error** Cannot connect or disconnect in a XA Env.

**Cause:** Altibase Embedded SQL applications cannot invoke connect or disconnect in an XA environment.

**Action:** Do not use EXEC SQL CONNECT, DISCONNECT statements in an X/Open DTP environment.

**0x51060 ( 331872) ulpERR\_ABORT\_Conflict\_Two\_Emsqls\_Error** Two embedded SQL statements conflict with each other in a multithreaded environment.

**Cause:** Replication failed because two or more embedded statements were executed simultaneously.

**Action:** Check replication handling in the multithreaded program.

**0x51061 ( 331873) ulpERR\_ABORT\_Stmt\_Not\_Exist\_Error** The statement does not exist. (Name:<0%s>)

**Cause:** The statement does not exist.

**Action:** Check the statement syntax.

**0x51062 ( 331874) ulpERR\_ABORT\_Stmt\_Need\_Prepare\_4Execute\_Error** The statement must be prepared for execution. (Name:<0%s>)

**Cause:** The statement is not ready.

**Action:** Check the statement syntax.

**0x51063 ( 331875) ulpERR\_ABORT\_Cursor\_Not\_Exist\_Error** The cursor does not exist. (Name:<0%s>)

**Cause:** The statement does not exist.

**Action:** Check the statement syntax.

**0x51064 ( 331876) ulpERR\_ABORT\_Cursor\_Need\_Declare\_4Open\_Error** The cursor must be declared to be opened. (Name:<0%s>)

**Cause:** The cursor conditions are not valid.

**Action:** Check the cursor conditions.

**0x51067 ( 331879) ulpERR\_ABORT\_Stmt\_Query\_Overflow** The query statement is too long. It must be less than 256k.

**Cause:** The query statement exceeds 256k.

**Action:** Check the query statement.

**0x51068 ( 331880) ulpERR\_ABORT\_Too\_Many\_Rows\_Error** Too many rows returned.

**Cause:** Too many rows were returned for the allocated space.

**Action:** Increase the size of the space allocated to receive the returned rows.

**0x51069 ( 331881) ulpERR\_ABORT\_Invalid\_User\_Error** Invalid user.

**Cause:** The user ID does not exist.

**Action:** Re-enter your user ID.

**0x5106A ( 331882) ulpERR\_ABORT\_Invalid\_Passwd\_Error** Invalid password.

**Cause:** The password was incorrect.

**Action:** Re-enter your password.

**0x5106B ( 331883) ulpERR\_ABORT\_Stmt\_Need\_Execute\_4Fetch\_Error** The statement must be executed to fetch rows.

**Cause:** The statement must be executed to fetch rows.

**Action:** Check the sequence of embedded SQL statements.

**0x5106C ( 331884) ulpERR\_ABORT\_Cursor\_Need\_Open\_4Fetch\_Error** The cursor must be opened to fetch rows.

**Cause:** The cursor must be opened to fetch rows.

**Action:** Check the sequence of embedded SQL statements.

**0x5106E ( 331886) ulpERR\_ABORT\_NCHAR\_No\_Indicator\_Error** The NCHAR type value must have an indicator.

**Cause:** No indicator.

**Action:** Make an indicator.

**0x5106F ( 331887) ulpERR\_ABORT\_XA\_GetConnectAttr\_Error** Cannot get the connection attributes for ALTIBASE\_XA\_NAME.

**Cause:** Cannot get the connection attributes for ALTIBASE\_XA\_NAME.

**Action:** Check the XA connection.

**0x51070 ( 331888) ulpERR\_ABORT\_Atomic\_For\_Value\_Error A FOR clause must execute at least once.**

**Cause:** The constant in an Atomic FOR clause was set to less than 1.

**Action:** Set the constant in the Atomic FOR clause so that it is greater than 1.

**0x51071 ( 331889) ulpERR\_ABORT\_FORstmt\_Invalid\_usage\_Error The FOR clause can only be used with variables of array or pointer type.**

**Cause:** An attempt was made to use a variable that was not an array or pointer type with a FOR clause.

**Action:** Use array or pointer type variables with the FOR clause.

**0x51072 ( 331890) ulpERR\_ABORT\_Invalid\_Indicator\_Value\_Error Invalid indicator: <0%d>**

**Cause:** The value of the indicator is invalid.

**Action:** Change the indicator value.

**0x51073 ( 331891) ulpERR\_ABORT\_Unknown\_Type\_For\_Shared\_Pointer The type of the pointer used is not supported.**

**Cause:** The type of the pointer used in DECLARE POINTER statement is not supported.

**Action:** Declare the pointer with appropriate type.

**0x51074 ( 331892) ulpERR\_ABORT\_Memory\_Alloc\_Failed Memory allocation error. <0%s>.**

**Cause:** Memory space has been exhausted.

**Action:** Reduce the amount of memory being used in client application.

**0x51075 ( 331893) ulpERR\_ABORT\_Invalid\_Array\_Size\_Error Invalid bind set array size: <0%d>**

**Cause:** The value of the array size is invalid.

**Action:** Check the value of the array size.

**0x51076 ( 331894) ulpERR\_ABORT\_Type\_Not\_Exist\_Error Unknown type: <0%d>**

**Cause:** Incompatible data type.

**Action:** Check the compatibility of the data type.

**0x51077 ( 331895) ulpERR\_ABORT\_DynamicSql\_Max\_ColumnSize\_Small SQLDA.N is too small: <0%d>**

**Cause:** The value of the dynamic sql to be bound is too small.

**Action:** Check the column size and enlarge the value.

**0x51078 ( 331896) ulpERR\_ABORT\_DynamicSql\_Max\_BindSize\_Small SQLDA.N is too small: <0%d>**

**Cause:** The value of the dynamic sql to be bound is too small.

**Action:** Check the bind size and enlarge the value.

**0x51079 ( 331897) ulpERR\_ABORT\_Not\_Supported\_Host\_Var\_Type Currently not supported host variable type.**

**Cause:** Currently not supported host variable type.

**Action:** Refer to the Precompiler user's manual for available host variables.

**0x5107A ( 331898) ulpERR\_ABORT\_Column\_Value\_Is\_Null The fetched result contains a NULL value. or Fetch column value is NULL.**

**Cause:** The fetched result contains a NULL value. or Fetch column value is NULL.

**Action:** Verify that the stored procedure contains NULL.(Revise the cursor definition so that no columns possibly containing NULL values are retrieved.)

**0x5107B ( 331899) ulpERR\_ABORT\_Invalid\_PSM\_Array\_Version Invalid psm array meta version.**

**Cause:** Invalid psm array meta version.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x5107C ( 331900) ulpERR\_ABORT\_Invalid\_PSM\_Array\_Type The apre type and psm array type do not match.**

**Cause:** The apre host variable type and psm array type do not match.

**Action:** Change the apre host variable types to the data types that are supported by psm array.

**0x5107D ( 331901) ulpERR\_ABORT\_PSM\_Not\_Exist\_Error The name of PSM does not exist. (<0%s>)**

**Cause:** There is no PSM with the name you specified.

**Action:** Verify the existence of PSM name and try again.

# 11.Utilities Error Code

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## FATAL

**0x90127 ( 590119) utERR\_FATAL\_FLOCK\_INIT Failed to invoke the flock\_init() system function [<0%s>]**

**Cause:**

- The flock\_init() system call failed.

**Action:** Please send a bug report to the vendor.

**0x90128 ( 590120) utERR\_FATAL\_FLOCK\_DESTROY Failed to invoke the flock\_destroy() system function [<0%s>]**

**Cause:**

- The flock\_destroy() system call failed.

**Action:** Please send a bug report to the vendor.

**0x90129 ( 590121) utERR\_FATAL\_FLOCK\_TRYWRLOCK Failed to invoke the flock\_trywrlock() system function**

**Cause:**

- The flock\_trywrlock() system call failed.

**Action:** Please send a bug report to the vendor.

**0x9012A ( 590122) utERR\_FATAL\_FLOCK\_UNLOCK Failed to invoke the flock\_unlock() system function**

**Cause:**

- The flock\_unlock() system call failed.

**Action:** Please send a bug report to the vendor.

**0x90103 ( 590083) utERR\_FATAL\_Mutex Mutex Operation Error.(<0%s>)**

**Cause:** The application encountered an unexpected error with the mutex.

**Action:** This is possibly a programming error. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>)

**0x90121 ( 590113) utERR\_FATAL\_Signal Signal Operation Error.(<0%s>)**

**Cause:** An internal call to a signal function returned an error.

**Action:** Please send a bug report to the vendor.

## ABORT

**0x91002 ( 593922) utERR\_ABORT\_alreadyExistFileError File (<0%s>) already exists.**

**Cause:** The file already exists.

**Action:** Remove or rename the file.

**0x91003 ( 593923) utERR\_ABORT\_env\_not\_exist** The environment (<0%s>) does not exist.

**Cause:** The ALTIBASE environment has not been set.

**Action:** Set the ALTIBASE environment value.

**0x91004 ( 593924) utERR\_ABORT\_Invalid\_dataType\_Error** Invalid data type specified.

**Cause:** The data type to be bound is not valid.

**Action:** Check the data type to be bound.

**0x91005 ( 593925) utERR\_ABORT\_name\_length\_overflow\_Error** The host variable name length must be less than <0%d> characters.

**Cause:** Host variable name length overflow.

**Action:** Decrease the length of the host variable name.

**0x91006 ( 593926) utERR\_ABORT\_memory\_error** Memory allocation error.<0%s>:<1%d>)

**Cause:** The application failed to allocate memory for an environment handle with SQLAllocEnv.

**Action:** Verify that there is enough memory to run the application. If necessary, take action to make more memory available for the application.

**0x91007 ( 593927) utERR\_ABORT\_host\_variable\_not\_defined\_error** The host variable <0%s> was not defined.

**Cause:** Host variable not defined.

**Action:** Define the host variable.

**0x91008 ( 593928) utERR\_ABORT\_type\_mismatch\_error** Type mismatch error.

**Cause:** The types do not match.

**Action:** Ensure that the data types are matched.

**0x91009 ( 593929) utERR\_ABORT\_too\_large\_error** Too large data specified.

**Cause:** The length of the specified data was too large.

**Action:** Decrease the length of the data.

**0x9100A ( 593930) utERR\_ABORT\_value\_OutOfRange\_error** Host value out of range.

**Cause:** Host value out of range.

**Action:** Check the host value and ensure that it is within range.

**0x9100B ( 593931) utERR\_ABORT\_account\_privilege\_error** Privilege error for sysdba user account.

**Cause:** Sysdba users must be connected with ALTIBASE user accounts.

**Action:** Check the user account.

**0x9100C ( 593932) utERR\_ABORT\_stat\_error stat() system call error (errno=<0%d>)**

**Cause:** The stat() call encountered an error.

**Action:** Check the file system.

**0x9100D ( 593933) utERR\_ABORT\_Unterminated\_error Unterminated user command**

**Cause:** A user command was not terminated properly.

**Action:** Check the command.

**0x9100E ( 593934) utERR\_ABORT\_open\_Syspasswd\_FileError could not open syspassword file (<0%s>)**

**Cause:** The syspassword does not exist, or you do not have sufficient permission.

**Action:** Ensure that the file exists and that you have sufficient permission to open the file.

**0x9100F ( 593935) utERR\_ABORT\_Incorrect\_Password Incorrect Password**

**Cause:** The password was incorrect.

**Action:** Check the password.

**0x91010 ( 593936) utERR\_ABORT\_Syntax\_Error Syntax Error**

**Cause:** Syntax Error.

**Action:** Check the syntax.

**0x91011 ( 593937) utERR\_ABORT\_No\_History\_Error No user command saved**

**Cause:** There are no saved commands.

**Action:** Specify a command and retry.

**0x91012 ( 593938) utERR\_ABORT\_History\_Range\_Error History number must be between 1 and <0%d>.**

**Cause:** An incorrect history number was specified.

**Action:** Change the history number and retry.

**0x91013 ( 593939) utERR\_ABORT\_Too\_Long\_Query\_Error The query was too long; the maximum length is <0%d>.**

**Cause:** The query was too long.

**Action:** Shorten the query.

**0x91105 ( 594181) utERR\_ABORT\_User\_No\_Exist\_Error The user (<0%s>) does not exist.**

**Cause:** No user with that name exists.

**Action:** Check the user name and try again.

**0x91014 ( 593940) utERR\_ABORT\_Table\_No\_Exist\_Error** The table (<0%s>) does not exist.

**Cause:** No table with that name exists.

**Action:** Check the table name and try again.

**0x91015 ( 593941) utERR\_ABORT\_Comm\_Failure\_Error** Communication failure.

**Cause:** The network connection was closed.

**Action:** Check the dbms server.

**0x91016 ( 593942) utERR\_ABORT\_Sequence\_No\_Exist\_Error** The sequence does not exist.

**Cause:** No sequence with that name exists.

**Action:** Check the sequence name.

**0x91017 ( 593943) utERR\_ABORT\_Invalid\_Command\_Error** The use of this command is not allowed in a script file.

**Cause:** Invalid command use.

**Action:** Do not use this command in a script file.

**0x91018 ( 593944) utERR\_ABORT\_sysdba\_privilege\_Error** reconnect as sysdba.

**Cause:** The sysdba user must be used for this action.

**Action:** Reconnect as sysdba.

**0x91019 ( 593945) utERR\_ABORT\_command\_buffer\_Error** ISQL\_BUFFER\_SIZE must be greater than <0%d>.

**Cause:** The ISQL\_BUFFER\_SIZE was too small.

**Action:** Increase the value of the ISQL\_BUFFER\_SIZE environment variable.

**0x9101A ( 593946) utERR\_ABORT\_property\_omit\_Error** Property (<0%s>) not found.

**Cause:** The property was not found.

**Action:** Check whether the property exists.

**0x9101B ( 593947) utERR\_ABORT\_Column\_Size\_Error** ColSize option value out of range (<0%d> - <1%d>)

**Cause:** An invalid ColSize value was specified.

**Action:** Check the ColSize value.

**0x9101C ( 593948) utERR\_ABORT\_Page\_Size\_Error** PageSize option value out of range (<0%d> - <1%d>)

**Cause:** An invalid PageSize value was specified.

**Action:** Check the PageSize value.

**0x9101D ( 593949) utERR\_ABORT\_already\_spool\_on\_Error** Spool is already in an ON state. (<0%s>)



**Cause:** Spool already ON.

**Action:** Turn off the spool and retry.

**0x9101E ( 593950) utERR\_ABORT\_cant\_spool\_off\_Error Spool is not in an ON state.**

**Cause:** Can't turn off a spool that is already off.

**Action:** Only attempt this action in a spool-on state.

**0x9101F ( 593951) utERR\_ABORT\_closeFileError Could not close the file (<0%s>).**

**Cause:** The application failed to close a file.

**Action:** This could be a system problem or programming error. Verify that there is no problem with your file system. If there is no such problem, check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x91020 ( 593952) utERR\_ABORT\_Not\_Connected\_Error No Connection State**

**Cause:** No connection exists.

**Action:** Connect first and try again.

**0x91021 ( 593953) utERR\_ABORT\_Line\_Size\_Error Line Size option value out of range (<0%d> - <1%d>)**

**Cause:** An invalid line size was specified.

**Action:** Check the line size.

**0x91022 ( 593954) utERR\_ABORT\_UNDISPLAYABLE\_DATATYPE\_Error LOB and GEOMETRY type data cannot be displayed**

**Cause:** Can't print LOB or GEOMETRY data using the console.

**Action:** Use a user CLI Application for printing.

**0x91025 ( 593957) utERR\_ABORT\_WRONG\_DATATYPE\_Error Unknown data types cannot be displayed**

**Cause:** Can't print unknown data types using the console.

**Action:** Use a user CLI Application for printing.

**0x91026 ( 593958) utERR\_ABORT\_Proc\_No\_Exist\_Error The procedure (<0%s>) does not exist.**

**Cause:** There is no procedure with the name you specified.

**Action:** Check the procedure name and try again.

**0x910FA ( 594170) utERR\_ABORT\_Operation\_Canceled Operation cancelled**

**Cause:** SQLCancel was called on the StatementHandle.

**Action:** No action is necessary.

**0x910FB ( 594171) utERR\_ABORT\_Connected\_Idle\_Instance\_Error Connected to idle instance**

**Cause:** No error has occurred, this is just a notification of connection to an idle instance of Altibase.

**Action:** No action is necessary.

**0x910FC ( 594172) utERR\_ABORT\_Incorrect\_User** Incorrect user name used (<0%s>).

**Cause:** Only "sys" user can use "-sysdba" option.

**Action:** Login as "sys" user name to use "-sysdba" option.

**0x91101 ( 594177) utERR\_ABORT\_LOB\_AUTOCOMMIT\_MODE\_ERR** Connection is in autocommit mode. One cannot operate on LOB data when autocommit mode is on.

**Cause:** An attempt to execute a LOB operation was made while the connection was in autocommit mode.

**Action:** Turn off autocommit mode.

**0x91124 ( 594212) utERR\_ABORT\_GRACE\_TIME\_WARN** The password will expire within <0%d> days.

**Cause:** The user's account has expired and the password needs to be changed.

**Action:** Change the user's password.

**0x91125 ( 594213) utERR\_ABORT\_Num\_Width\_Error** NumWidth option value out of range (<0%d> - <1%d>).

**Cause:** An invalid numwidth was specified.

**Action:** Check the numwidth.

**0x91126 ( 594214) utERR\_ABORT\_INVALID\_CONN\_ATTR** Invalid connection attribute pair: <0%s> = <1%s>

**Cause:** The connection attribute is invalid.

**Action:** Check the connection attribute.

**0x91133 ( 594227) utERR\_ABORT\_Exceed\_Max\_String** String is too long. Maximum size is <0%d> characters.

**Cause:** The string is longer than the maximum length.

**Action:** Use a string shorter than the maximum length.

**0x91134 ( 594228) utERR\_ABORT\_Failed\_Open\_Path** Failed to open the path.(<0%s>: <1%s>)

**Cause:** Either an invalid path was specified or you have insufficient permission.

**Action:** Verify that you have entered the correct path or that you have sufficient permission.

**0x91138 ( 594232) utERR\_ABORT\_Cancel\_Not\_Supported** Canceling is not supported.

**Cause:** The driver does not support the SQLCancel function.

**Action:** Wait for the statement to be completed or close this session using ALTER DATABASE by another session.

**0x91139 ( 594233) utERR\_ABORT\_Illegal\_Format\_String Illegal FORMAT String (<0%s>).**

**Cause:** An invalid format string was specified.

**Action:** Retry again with a valid format string.

**0x9113A ( 594234) utERR\_ABORT\_Column\_Not\_Defined Column not defined (<0%s>).**

**Cause:** The specified column name was not defined.

**Action:** Retry again with a valid column name.

**0x9113D ( 594237) utERR\_ABORT\_Failed\_To\_Cancel Cancel cannot be done at the moment.**

**Cause:** The cancel request cannot be accepted at the moment.

**Action:** Wait until the statement is completed.

**0x9113F ( 594239) utERR\_ABORT\_Failed\_To\_Sysdba\_Connect\_Remotely Unable to connect to deactivated Altibase by remotely using -sysdba option.**

**Cause:** The remote Altibase is not operating.

**Action:** Try again after starting Altibase.

**0x91141 ( 594241) utERR\_ABORT\_PrefetchRows\_Error PrefetchRows option value out of range (<0%d> - <1%d>)**

**Cause:** An invalid PrefetchRows value was specified.

**Action:** Check the PrefetchRows value.

**0x91142 ( 594242) utERR\_ABORT\_AsyncPrefetch\_Auto\_Warning Unable to run auto tuning due to the CLI restriction. 'AsyncPrefetch on' will be automatically applied.**

**Cause:** The auto tuning is only supported on Linux environment.

**Action:** 'AsyncPrefetch on' is automatically applied on operating systems other than Linux. However, 'AsyncPrefetch on' should be specified whether or not to display a warning.

**0x91145 ( 594245) utERR\_ABORT\_Open\_Altibase\_Properties\_FileError Unable to open altibase.properties file.**

**Cause:** The altibase.properties file has not been found.

**Action:** Check altibase.properties file.

**0x91146 ( 594246) utERR\_ABORT\_FilePerm\_OutOfRange\_Error File permission value is out of range (<0%s>=<1%s>)**

**Cause:** File permission value is out of range.

**Action:** Use valid file permission value.

**0x91147 ( 594247) utERR\_ABORT\_Option\_No\_Value\_Error** No value specified for the option (<0%s>)

**Cause:** Option value was not specified.

**Action:** Specify option value.

**0x91148 ( 594248) utERR\_ABORT\_Option\_Invalid\_Value\_Error** Invalid option value specified (<0%s> <1%s>)

**Cause:** Invalid option value was specified.

**Action:** Use valid option value.

**0x91027 ( 593959) utERR\_ABORT\_Dup\_Option\_Error** Option (<0%s>) is used more than once.

**Cause:** A duplicate option was specified.

**Action:** Check the options.

**0x91028 ( 593960) utERR\_ABORT\_Unknown\_Option\_Error** An unknown Option (<0%s>) was specified.

**Cause:** An unknown option was specified.

**Action:** Check the option and try again.

**0x91029 ( 593961) utERR\_ABORT\_Option\_Value\_Range\_Error** The option value (<0%s>) must be greater than (<1%d>).

**Cause:** The option value was not within the valid range.

**Action:** Change the option value.

**0x9102A ( 593962) utERR\_ABORT\_Not\_Support\_dataType\_Error** The data type (<0%s><1%s>) <2%s><3%s> is not supported.

**Cause:** An invalid data type was used.

**Action:** Check the data type.

**0x9102B ( 593963) utERR\_ABORT\_Token\_Value\_Range\_Error** Token value length overflow. Maximum token length=<0%d>. Column =<1%s>, Value=<2%s>

**Cause:** The token value length exceeded the valid range.

**Action:** Decrease the token length.

**0x9102C ( 593964) utERR\_ABORT\_Parse\_Command\_Error** Input command parser error

**Cause:** The command parse token was invalid.

**Action:** Check the token.

**0x9102E ( 593966) utERR\_ABORT\_Result\_Attr\_Count\_Error** Result attribute count is different. (Form=<0%d>, User=<1%d>)

**Cause:** The table data type information was different.

**Action:** Check the table information.

**0x9102F ( 593967) utERR\_ABORT\_Delete\_Table\_Error Failed to delete record from table (<0%s>)**

**Cause:** Delete operation failed.

**Action:** Check the table recordset.

**0x91030 ( 593968) utERR\_ABORT\_Arg\_omit\_Error Argument (<0%s>) not found.**

**Cause:** A necessary argument was omitted.

**Action:** Provide the argument and try again.

**0x91031 ( 593969) utERR\_ABORT\_Option\_Incorrect\_Error The <0%s> option (<1%s>) was not used, or the precedence option is not correct.**

**Cause:** Option use error.

**Action:** Ensure that you are using the options correctly.

**0x91032 ( 593970) utERR\_ABORT\_Field\_Terminator\_Error Field, Row and Enclosingchar terminators must be different.**

**Cause:** A terminator conflict occurred.

**Action:** Use a different terminator.

**0x91033 ( 593971) utERR\_ABORT\_SQLColumn\_Error Field, Row and Enclosingchar terminators must be different.**

**Cause:** A terminator conflict occurred.

**Action:** Use a different terminator.

**0x91034 ( 593972) utERR\_ABORT\_no\_index\_Error The table (<0%s>) does not have an index.**

**Cause:** The table does not have an index.

**Action:** Add an index to the table.

**0x91035 ( 593973) utERR\_ABORT\_too\_many\_Seq\_Error Too many sequences were used. (LIMIT=<0%d>)**

**Cause:** The number of sequences exceeded the valid range.

**Action:** Decrease the number of sequences.

**0x91036 ( 593974) utERR\_ABORT\_too\_many\_Attr\_Error Too many attributes were used. (LIMIT=<0%d>)**

**Cause:** The number of attributes exceeded the valid range.

**Action:** Decrease the number of attributes.

**0x91037 ( 593975) utERR\_ABORT\_No\_Column\_Sequence\_Error No existing column linked to sequence (<0%s>)**

**Cause:** No column is linked to the sequence.

**Action:** Check the form file.

**0x91038 ( 593976) utERR\_ABORT\_Many\_Column\_Sequence\_Error Duplicate column (<0%s>) to sequence (<1%d>) links**

**Cause:** A column is linked to the sequence two or more times.

**Action:** Check form file.

**0x91039 ( 593977) utERR\_ABORT\_Unkown\_Datatype\_Error** An unknown datatype <0%s> was used.

**Cause:** An assign attempt was made using an unknown data type.

**Action:** Check the data type used for binding.

**0x9103A ( 593978) utERR\_ABORT\_Wrong\_Column\_Count\_Error** Column count mismatch (size=<0%d>

**Cause:** Invalid data fetch processing.

**Action:** Check the table information.

**0x9103B ( 593979) utERR\_ABORT\_Invalid\_Option\_Error** Invalid option (<0%s>)

**Cause:** An invalid option was used.

**Action:** Check the options.

**0x9103C ( 593980) utERR\_ABORT\_Option\_Value\_Overflow\_Error** The option value (<0%s>) must be equal or less than the upper limit (<1%d>).

**Cause:** The option value exceeded the valid range.

**Action:** Change the option value.

**0x9103D ( 593981) utERR\_ABORT\_Parsing\_Error** Data parsing error (Column : <0%s>)

**Cause:** Data parsing error.

**Action:** Check the token.

**0x9103E ( 593982) utERR\_ABORT\_UserID\_Omit\_Error** A user ID must be specified.

**Cause:** The user ID was omitted.

**Action:** Enter a user ID.

**0x9103F ( 593983) utERR\_ABORT\_Password\_Omit\_Error** A password must be specified.

**Cause:** The password was omitted.

**Action:** Enter a password.

**0x91040 ( 593984) utERR\_ABORT\_ServerName\_Omit\_Error** A ServerName must be specified.

**Cause:** The server name was omitted.

**Action:** Enter a server name.

**0x91123 ( 594211) utERR\_ABORT\_Port\_Omit\_Error** No port number was specified.

**Cause:** The -port option value was omitted.

**Action:** Specify a port number for the port option and try again.

**0x91041 ( 593985) utERR\_ABORT\_LOB\_Opt\_Str\_Error Missing or invalid LOB option string.**

**Cause:** A LOB option string is missing or invalid.

**Action:** Check the LOB option string.

**0x91042 ( 593986) utERR\_ABORT\_Invalid\_Value Invalid data value**

**Cause:** The value of the data exceeds the valid range.

**Action:** Check the data value.

**0x9111F ( 594207) utERR\_ABORT\_Invalid\_Value\_errno Invalid data value (errno=<0%d>)**

**Cause:** The value of the data exceeds the valid range.

**Action:** Check the data value.

**0x91043 ( 593987) utERR\_ABORT\_Invalid\_Value\_Len Invalid data length**

**Cause:** The length of the data exceeds the valid range.

**Action:** Check the length of the data.

**0x91044 ( 593988) utERR\_ABORT\_Data\_File\_IO\_Error Error occurred during data file I/O.**

**Cause:** The file does not exist, there is no more space in the filesystem, the file size is too big, or a similar error has occurred.

**Action:** Check the filesystem.

**0x91045 ( 593989) utERR\_ABORT\_LOB\_File\_IO\_Error Error occurred during LOB file I/O.**

**Cause:** The file does not exist, there is no more space in the filesystem, the file size is too big, or a similar error has occurred.

**Action:** Check the filesystem.

**0x91046 ( 593990) utERR\_ABORT\_Nls\_Use\_Error ALTIBASE\_NLS\_USE does not match DATA\_NLS\_USE**

**Cause:** ALTIBASE\_NLS\_USE does not match DATA\_NLS\_USE in format file.

**Action:** Change ALTIBASE\_NLS\_USE to match DATA\_NLS\_USE and retry.

**0x91047 ( 593991) utERR\_ABORT\_CSV\_Option\_Error The -rule csv option can't be used with the -t or -e options.**

**Cause:** An attempt was made to use the -rule csv option with the -t or -e option.

**Action:** Check the options and try again.

**0x910FD ( 594173) utERR\_ABORT\_Invalid\_CSV\_File\_Format\_Error Invalid CSV file format token. Column=<0%s>, Value=<1%s>.**

**Cause:** The CSV file format is wrong.

**Action:** Check the CSV data file.

**0x91100 ( 594176) utERR\_ABORT\_File\_Lock\_Error File [<0%s>] open failed.  
Already in use.**

**Cause:** The specified file is already in use.

**Action:** Check whether the file is already in use.

**0x91102 ( 594178) utERR\_ABORT\_Form\_Parser\_Error Input form parser error.**

**Cause:** The form file is wrong.

**Action:** Check the form file.

**0x91104 ( 594180) utERR\_ABORT\_OutFile\_IO\_Error An error occurred during file output.**

**Cause:** The file does not exist, there is no more space in the file system, the file size is too big, or a similar error has occurred.

**Action:** Check the file system.

**0x91106 ( 594182) utERR\_ABORT\_Bad\_File\_IO\_Error An error occurred during bad file I/O.**

**Cause:** The file does not exist, there is no more space in the file system, the file size is too big, or a similar error has occurred.

**Action:** Check the file system.

**0x91107 ( 594183) utERR\_ABORT\_Log\_File\_IO\_Error An error occurred during log file I/O.**

**Cause:** The file does not exist, there is no more space in the file system, the file size is too big, or a similar error has occurred.

**Action:** Check the file system.

**0x9113B ( 594235) utERR\_ABORT\_Param\_Count\_Mismatch Parameter count mismatch.  
Required=(<0%d>), INSERT statement=(<1%s>).**

**Cause:** The number of parameters in the INSERT statement is different from the number of table columns.

**Action:** Check the form file.

**0x9113E ( 594238) utERR\_ABORT\_Prefetch\_Row\_Error -prefetch\_row option value out of range (<0%d> - <1%d>)**

**Cause:** An invalid PrefetchRow value was specified.

**Action:** Check the PrefetchRow value.

**0x91140 ( 594240) utERR\_ABORT\_Async\_Prefetch\_Auto\_Warning Unable to run auto tuning due to the CLI restriction. '-async\_prefetch on' will be automatically applied.**

**Cause:** The auto tuning is only supported on Linux environment.

**Action:** '-async\_prefetch on' is automatically applied on operating systems other than Linux to execute an iloader out command. However, '-async\_prefetch on' should be specified whether or not to display a warning.



**0x91064 ( 594020) utERR\_ABORT\_password\_Error Could not find the password for user (<0%s>)**

**Cause:** Could not get user information.

**Action:** Check the user name and try again.

**0x91065 ( 594021) utERR\_ABORT\_aexport\_Property\_Error Invalid property value (<0%s>).**

**Cause:** An invalid property value was assigned, or the value was omitted.

**Action:** Check the property value.

**0x91066 ( 594022) utERR\_ABORT\_Property\_Loading\_Error Property File Loading Error.(<0%s>)**

**Cause:** An invalid or nonexistent property path was specified.

**Action:** Check the property file.

**0x910C8 ( 594120) utERR\_ABORT\_AUDIT\_Alloc\_Handle\_Error Can't get the Handle from <0%s>**

Altibase could not initialize SQLEnv; an OCIEnv handle could not be allocated.

**Cause:** The application failed to allocate memory for an environment handle with SQLAllocEnv.

**Action:** Verify that there is enough memory to run the application. If necessary, make more memory available for the application.

**0x910C9 ( 594121) utERR\_ABORT\_AUDIT\_Already\_Conn\_Error Already connected to server.**

Connection already initialized!

**Cause:** The application attempted to use an uninitialized connection handle.

**Action:** This is possibly a programming error. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x910CA ( 594122) utERR\_ABORT\_AUDIT\_Create\_Instance\_Error Failed to create object <0%s>**

**Cause:** The application failed to allocate memory to create an object.

**Action:** Verify that there is enough memory to run the application. If necessary, make more memory available for the application.

**0x910CC ( 594124) utERR\_ABORT\_AUDIT\_Check\_Log\_File\_Error Failed to open the log file <0%s>**

ERROR: %s, Check your log dir and log file properties.

**Cause:** Failed to open the log file.

**Action:** Check the log file designated in the properties and the permissions mode of the log file.

**0x910CD ( 594125) utERR\_ABORT\_AUDIT\_Wrong\_Parameter\_Error A parameter is incorrect**

ERROR: A parameter is incorrect.

**Cause:** An invalid parameter was used.

**Action:** Check the parameters.

**0x910CE ( 594126) utERR\_ABORT\_AUDIT\_Not\_Found\_Parameter\_Error Invalid Property Name <0%s> Assigned.**

ERROR: Properties parameter (%s) is not defined.

**Cause:** An invalid property name has been defined.

**Action:** Check the property name in the property file.

**0x910CF ( 594127) utERR\_ABORT\_AUDIT\_ERANGE\_Error The value of the properties parameter <0%s> was out of range**

ERROR: The value of the properties parameter %s was out of range.

**Cause:** The parameter's value is incorrect.

**Action:** Check the value of the parameter.

**0x910D0 ( 594128) utERR\_ABORT\_AUDIT\_EINVAL\_Error Properties parameter <0%s> no conversion was performed, wrong parameter**

ERROR: Properties parameter %s no conversion was performed, wrong parameter

**Cause:** The parameter was incorrect.

**Action:** Check the parameter.

**0x910D1 ( 594129) utERR\_ABORT\_AUDIT\_NULL\_Parameter\_Error Undefined Property <0%s>.**

ERROR: The properties parameter %s key is NULL.

**Cause:** Property not defined in the property file.

**Action:** Check the property file.

**0x910D2 ( 594130) utERR\_ABORT\_AUDIT\_Invalid\_Parameter\_Error An invalid property value <0%s> was defined.**

Invalid property: %s

**Cause:** An invalid property value was defined in the property file.

**Action:** Check the property value.

**0x910D3 ( 594131) utERR\_ABORT\_AUDIT\_Wrong\_URL\_Error Invalid DBMS URL.**

ERROR[ PROP ] Incorrect DBMS connection URL.

**Cause:** The URL for connection to the DBMS is incorrect.

**Action:** Check the URL.

**0x910D4 ( 594132) utERR\_ABORT\_AUDIT\_Alloc\_Memory\_Error Memory Allocation failed.**

ERROR[ PROP ] Could not allocate memory

**Cause:** The application failed to allocate memory.

**Action:** Verify that there is enough memory to run the application. If necessary, make more memory available for the application.

**0x910D5 ( 594133) utERR\_ABORT\_AUDIT\_Different\_Column\_Error The column counts for (<0%s>) and (<1%s>) are different.**

The tables (%s,%s) have different column counts.

**Cause:** The master and slave have different table column counts.

**Action:** Ensure that the table schema for the master and slave are the same.

**0x910D6 ( 594134) utERR\_ABORT\_AUDIT\_DIFF\_File\_Open\_Error Failed to open audit diff file <0%s>.**

utScanner can't open DIFF log file:'%s'.

**Cause:** Failed to open log file.

**Action:** Check the log file name and permissions mode of the files.

**0x910D7 ( 594135) utERR\_ABORT\_AUDIT\_PK\_Different\_Order\_Error The order of the primary key on the master(<0%s>) is different from that on the slave (<1%s>).**

The master (%s) and slave (%s) have different primary key orders.

**Cause:** The primary key orders on the master and slave are different.

**Action:** Ensure that the table schema for the master and slave are the same.

**0x910D8 ( 594136) utERR\_ABORT\_AUDIT\_Master\_No\_PK\_Error No primary key column exists (<0%s>:<1%s>)**

The tables (%s,%s) have no primary keys.

**Cause:** The master table does not have a primary key column.

**Action:** Change the master table so that it has a primary key column.

**0x910D9 ( 594137) utERR\_ABORT\_AUDIT\_Different\_PK\_Columns\_Error The PK column count for (<0%s>) is different than that for (<1%s>)**

The primary key structures for the tables(%s,%s) are different.

**Cause:** The number of primary key columns in the master table is different from that in the slave table.

**Action:** Ensure that the table schema for the master and slave are the same.

**0x910DA ( 594138) utERR\_ABORT\_AUDIT\_PK\_CanNotBe\_EXCLUDE\_Error Primary key columns cannot be defined as EXCLUDE columns (<0%s>)**

Exclusion column cannot be primary key field '%s'.

**Cause:** Primary key columns cannot be defined as EXCLUDE columns.

**Action:** Check the EXCLUDE property value.

**0x910DB ( 594139) utERR\_ABORT\_AUDIT\_NOT\_Fount\_Column\_EXCLUDE\_Error Invalid column defined in EXCLUDE property (<0%s>)**

Exclusion column '%s' is not found.

**Cause:** An invalid column was defined in the property file's EXCLUDE property.

**Action:** Check the EXCLUDE property value.

**0x910DC ( 594140) utERR\_ABORT\_AUDIT\_Thread\_Join\_Error thread\_join() <0%d> failed.**

ERROR [ MNG ] Join #%%d failure!

**Cause:** The application encountered an error while joining threads.

**Action:** This is possibly a programming error. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x910DD ( 594141) utERR\_ABORT\_AUDIT\_Connect\_TO\_Master\_Error Failed to connect to master <0%s> server**

Cannot connect to master server: '%s'

**Cause:** Failed to connect to the master server.

**Action:** Check the connection information.

**0x910DE ( 594142) utERR\_ABORT\_AUDIT\_Connect\_TO\_Slaver\_Error Failed to connect to slave <0%s> server**

Cannot connect to slave server: '%s'

**Cause:** Failed to connect to the slave server.

**Action:** Check the connection information.

**0x910DF ( 594143) utERR\_ABORT\_openFileError Could not open file (<0%s>)**

**Cause:** The file does not exist, or does not have the appropriate permissions.

**Action:** Check the permission settings of the file and whether the file exists.

**0x910E0 ( 594144) utERR\_ABORT\_sysdba\_connect\_Error You cannot connect to the server remotely with the sysdba option.**

**Cause:** You cannot connect to a server remotely with the sysdba option.

**Action:** Check the SERVER and PORT\_NO options.

**0x910E1 ( 594145) utERR\_ABORT\_AUDIT\_Managing\_Thread\_Filemode Thread management failed for the file mode with table <0%s> and <1%s>.**

Thread management is failed.

**Cause:** The application encountered an error while handling a thread.

**Action:** This is possibly a programming error. Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x910E2 ( 594146) utERR\_ABORT\_AUDIT\_File\_Open\_4CSVfile Could not create or open the <0%s> csv file.**

ERROR: %s, check your csv file properties and disk.

**Cause:** An attempt to create or open a csv file failed.

**Action:** Check the file system disk and try again.

**0x910E3 ( 594147) utERR\_ABORT\_AUDIT\_File\_Close\_4CSVfile Could not close the <0%s> csv file.**

ERROR: %s, check your csv file properties and disk.

**Cause:** An attempt to close a csv file failed.

**Action:** Check the file system disk and try again.

**0x910E4 ( 594148) utERR\_ABORT\_AUDIT\_File\_Write\_4CSVfile Could not write to the <0%s> csv file.**

ERROR: %s, check your csv file properties and disk.

**Cause:** An attempt to write to a csv file failed.

**Action:** Check the file system disk and try again.

**0x910E5 ( 594149) utERR\_ABORT\_AUDIT\_Cursor\_Close A cursor was not closed correctly.**

**Cause:** A cursor was not closed correctly.

**Action:** Check the statement.

**0x910E6 ( 594150) utERR\_ABORT\_AUDIT\_File\_Read\_4CSVfile Could not read the <0%s> csv file.**

ERROR: %s, check your csv file properties and disk.

**Cause:** An attempt to read a csv file failed.

**Action:** Check the file system disk and try again.

**0x910E7 ( 594151) utERR\_ABORT\_AUDIT\_Wrong\_CSV\_Format Wrong CSV file format. (<0%s>)**

ERROR: %s, check your csv file content.

**Cause:** The attempt to convert data from the CSV file format to the original data format failed.

**Action:** Check the csv file and try again.

**0x910E8 ( 594152) utERR\_ABORT\_AUDIT\_CSV-Token\_Buffer\_Overflow Buffer overflow occurred during CSV format conversion. (data:'<0%s>')**

ERROR: %s, check your csv file content.

**Cause:** The attempt to convert data from the CSV file format to the original data format failed.

**Action:** Check the csv file and try again.

**0x9113C ( 594236) utERR\_ABORT\_Table\_Not\_Found\_Error** The table (<0%s>.<1%s>) specified in the configuration file does not exist on the <2%s> database.

**Cause:** The specified table does not exist in the database.

**Action:** Check to see if the specified table name located in the altiComp configuration file is correct.

**0x91143 ( 594243) utERR\_ABORT\_AUDIT\_DB\_Error** Error occurred on the database while processing LOB data. (<0%s>)

**Cause:** The specified error returned from the database.

**Action:** Send a bug report to the vendor

**0x91108 ( 594184) utERR\_ABORT\_UPLOAD\_Error** Could not upload the entire data file.

Cannot upload file

**Cause:** The data file appears to be invalid.

**Action:** Check the data file and try again.

**0x91109 ( 594185) utERR\_ABORT\_LIB\_VERSION\_Error** An iLoader library version incompatibility error occurred.

**Cause:** An iLoader library version incompatibility error occurred.

**Action:** Check the iLoader library version.

**0x9110A ( 594186) utERR\_ABORT\_THREAD\_Error** Could not create a new thread.

**Cause:** A platform kernel limit pertaining to the number of threads or memory usage was exceeded.

**Action:** Decrease the number of threads.

**0x9110B ( 594187) utERR\_ABORT\_INVALID\_USE\_OF\_NULL\_POINTER** Invalid use of null pointer. (<0%s>)

**Cause:** A null pointer was used.

**Action:** Check the pointer and try again.

**0x9110C ( 594188) utERR\_ABORT\_OPTION\_VERSION\_Error** A library option version incompatibility error occurred.

**Cause:** Different library option versions are in use.

**Action:** Check the option versions.

**0x9110D ( 594189) utERR\_ABORT\_INVALID\_ATTR\_OPTION** Invalid attribute/option identifier : <0%d>.

**Cause:** An invalid attribute/option identifier was used.

**Action:** Send a bug report to the vendor

**0x9110E ( 594190) utERR\_ABORT\_Unsupported\_Feature Unsupported feature :  
<0%s>**

**Cause:** This feature is not supported.

**Action:** Do not use this feature.

**0x9110F ( 594191) utERR\_ABORT\_MsgLog\_Init\_Error Unable to initialize message  
log file.**

**Cause:** Unable to initialize a message log file.

**Action:** Check that the path and filename are correct and that suitable  
permissions have been granted.

**0x91110 ( 594192) utERR\_ABORT\_LockFile\_Init\_Error Unable to initialize file  
lock.[<0%s>]**

**Cause:** An attempt to initialize a file lock failed.

**Action:** Check that the path and filename are correct and that suitable  
permissions have been granted.

**0x91111 ( 594193) utERR\_ABORT\_LockFile\_Destroy\_Error Unable to destroy file  
lock.[<0%s>]**

**Cause:** An attempt to destroy a file lock failed.

**Action:** Check that the path and filename are correct and that suitable  
permissions have been granted.

**0x91112 ( 594194) utERR\_ABORT\_LockFile\_Not\_Exist File to be locked does not  
exist.[<0%s>]**

**Cause:** The file to be locked does not exist.

**Action:** Check that the path and filename are correct and that suitable  
permissions have been granted.

**0x91113 ( 594195) utERR\_ABORT\_FileLock\_Hold\_Error Could not hold a lock on a  
file.**

**Cause:** A lock on a file could not be held.

**Action:** Check that the path and filename are correct and that suitable  
permissions have been granted.

**0x91114 ( 594196) utERR\_ABORT\_FileLock\_Release\_Error Could not release a lock  
on a file.**

**Cause:** A lock on a file could not be released.

**Action:** Check that the path and filename are correct and that suitable  
permissions have been granted.

**0x91115 ( 594197) utERR\_ABORT\_Failed\_To\_Check\_Server\_Running Could not obtain  
server status; possible socket problem.**

**Cause:** The server status could not be determined.

**Action:** Check for a socket problem.

**0x91116 ( 594198) utERR\_ABORT\_PidFile\_Failed\_To\_Check\_Exist Unable to verify the existence of pid file : <0%s>**

**Cause:** The existence of a pid file could not be verified.

**Action:** Check that the path and filename are correct and that suitable permissions have been granted.

**0x91117 ( 594199) utERR\_ABORT\_PidFile\_Exist Pid file (<0%s>) exists.**

**Cause:** The pid file already exists.

**Action:** Check the checkServer process and then run killCheckServer. Alternatively, delete the pid file and run checkServer.

**0x91118 ( 594200) utERR\_ABORT\_PidFile\_Create\_Error Unable to create the pid file [rc:<0%d>]**

**Cause:** The pid file could not be created.

**Action:** Check that the path and filename are correct and that suitable permissions have been granted.

**0x91119 ( 594201) utERR\_ABORT\_PidFile\_Remove\_Error Unable to remove the pid file [rc:<0%d>]**

**Cause:** The pid file could not be removed.

**Action:** Check that the path and filename are correct and that suitable permissions have been granted.

**0x9111A ( 594202) utERR\_ABORT\_PidFile\_Open\_Error Unable to open the pid file [rc:<0%d>]**

**Cause:** The pid file could not be opened.

**Action:** Check that the path and filename are correct and that suitable permissions have been granted.

**0x9111B ( 594203) utERR\_ABORT\_PidFile\_Close\_Error Unable to close pid file [rc:<0%d>]**

**Cause:** The pid file could not be closed.

**Action:** Check that the path and filename are correct and that suitable permissions have been granted.

**0x9111C ( 594204) utERR\_ABORT\_PidFile\_Read\_Error pid structure read error [rc:<0%d>]**

**Cause:** The pid could not be read from the pid file.

**Action:** Check that the path and filename are correct, that suitable permissions have been granted, and that the pid file is valid.

**0x9111D ( 594205) utERR\_ABORT\_PidFile\_Write\_Error pid structure write error [rc:<0%d>]**

**Cause:** The pid could not be written to the pid file.



**Action:** Check that the path and filename are correct and that suitable permissions have been granted.

**0x9111E ( 594206) utERR\_ABORT\_Process\_Kill\_Error Unable to kill the process [pid:<0%d>]**

**Cause:** An attempt to kill a process failed.

**Action:** Check whether the process has already been killed.

**0x91120 ( 594208) utERR\_ABORT\_FUNCTION\_SEQUENCE\_ERR Function sequence error.**

**Cause:** The order in which function calls were made is invalid.

**Action:** Refer to the state transition table to determine the correct function call order.

**0x9112E ( 594222) utERR\_ABORT\_DAEMON\_SUPPORT\_ERR The daemon process supports only tcp connection.**

**Cause:** The daemon process supports only tcp connection.

**Action:** Please reconnect to the daemon process with tcp connection.

**0x91122 ( 594210) utERR\_ABORT\_NOT\_EXIST\_TABLESPACE\_ERR The default tablespace for the user <0%s> does not exist.**

**Cause:** The tablespace that was set as the default for this user has been modified or deleted.

**Action:** Set the default tablespace for this user and run aexport again.

**0x9112B ( 594219) utERR\_ABORT\_Insufficient\_Priv\_Error Needs the CREATE TABLE privilege to analyze object dependencies.**

**Cause:** The user needs the CREATE TABLE privilege to analyze object dependencies.

**Action:** Grant the CREATE TABLE or CREATE ANY TABLE privileges to the user and re-execute aexport.

**0x9112C ( 594220) utERR\_ABORT\_Db\_Charset\_Fetch\_Error Unable to fetch the database character set.**

**Cause:** Failed to fetch the database character set.

**Action:** Set the -NLS\_USE parameter or the ALTIBASE\_NLS\_USE environment variable and re-execute aexport.

**0x9112D ( 594221) utERR\_ABORT\_Repl\_Offline\_Log\_Path\_Fetch\_Error Unable to fetch log directory paths for the replication <0%s> in offline mode.**

**Cause:** Failed to fetch log directory paths for the replication in offline mode.

**Action:** This is possibly meta inconsistency. Contact Altibase's Support Center (<http://support.altibase.com>)

**0x9112F ( 594223) utERR\_ABORT\_INVALID\_FMT Invalid file format**

**Cause:** Failed to read from the profiling file.

**Action:** Check the versions of the profiling file and the altiProfile tool.

**0x91130 ( 594224) utERR\_ABORT\_FILE\_OPEN Unable to open file (<0%s>)**

**Cause:** The path or filename is invalid.

**Action:** Verify that the path and filename are correct and that you have read/write permission for the file.

**0x91131 ( 594225) utERR\_ABORT\_FILE\_CLOSE Unable to close file (<0%d>)**

**Cause:** An invalid file handle was specified.

**Action:** Memory corruption may occur. Check the error number and contact Altibase's Support Center (<http://support.altibase.com>).

**0x91132 ( 594226) utERR\_ABORT\_INVALID\_HANDLE Invalid Handle**

**Cause:** NULL handle was specified.

**Action:** Memory corruption may occur. Check the error number and contact Altibase's Support Center (<http://support.altibase.com>).

**0x91135 ( 594229) utERR\_ABORT\_INVALID\_ALTIWRAP\_COMMAND Invalid command arguments.**

**Cause:** Invalid command arguments.

**Action:** Verify that the command arguments are valid.

**0x91136 ( 594230) utERR\_ABORT\_MEMORY\_ALLOCATION Insufficient memory for PSM Query Encryption.**

**Cause:** Insufficient memory.

**Action:** Verify that the system has enough available memory.

**0x91137 ( 594231) utERR\_ABORT\_TOO\_LONG\_PATH\_NAME The path name was too long; the maximum length is <0%d>.**

**Cause:** The path name was too long.

**Action:** Shorten the path name.

## IGNORE

**0x92001 ( 598017) utERR\_IGNORE\_NoError No UT module error**

**Cause:** This is not an error.

**Action:** You can safely ignore this error message.

# 12.CM Error Code

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## FATAL

**0x70076 ( 458870) cmERR\_FATAL\_CMN\_SHM\_ATTACH Unable to attach the shared memory**

**Cause:** Failed to invoke the shmat() function

**Action:** Ensure that you have permission to access the shared memory. Contact Altibase's Support Center (<http://support.altibase.com>).

**0x70077 ( 458871) cmERR\_FATAL\_CMN\_SHM\_CTL Unable to delete the shared memory**

**Cause:** Failed to invoke the shmctl() function

**Action:** Ensure that you have permission to access the shared memory. Contact Altibase's Support Center (<http://support.altibase.com>).

**0x70078 ( 458872) cmERR\_FATAL\_CMN\_SEM\_CTL Unable to delete the semaphore**

**Cause:** Failed to invoke the semctl() function

**Action:** Verify that you have permission to access the semaphore. Contact Altibase's Support Center (<http://support.altibase.com>).

**0x70079 ( 458873) cmERR\_FATAL\_CMN\_SEM\_OP Unable to execute operations on a semaphore**

**Cause:** Failed to invoke the semop() function

**Action:** Check the error number and verify that the semaphore group exists.

**0x7007D ( 458877) cmERR\_FATAL\_CMN\_MUTEX\_LOCK Failed to invoke the mutex\_lock() system function**

**Cause:** Failed to invoke the mutex\_lock() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7007E ( 458878) cmERR\_FATAL\_CMN\_MUTEX\_UNLOCK Failed to invoke the mutex\_unlock() system function**

**Cause:** Failed to invoke the mutex\_unlock() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

## ABORT

**0x71001 ( 462849) cmERR\_ABORT\_INVALID\_MODULE Invalid module**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71003 ( 462851) cmERR\_ABORT\_INVALID\_SESSION Invalid session**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71004 ( 462852) cmERR\_ABORT\_INVALID\_OPERATION Invalid operation**

**Cause:** Client version is higher than Server version or internal error occurs while interpreting protocol.

**Action:** Make sure Client version is same or lower than Server version or contact Altibase's Support Center (<http://support.altibase.com>).

**0x71005 ( 462853) cmERR\_ABORT\_INVALID\_LINK\_TYPE Invalid link type**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71006 ( 462854) cmERR\_ABORT\_INVALID\_LINK\_IMPL Invalid link impl**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71008 ( 462856) cmERR\_ABORT\_UNSUPPORTED\_LINK\_IMPL Unsupported link impl**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71009 ( 462857) cmERR\_ABORT\_UNSUPPORTED\_DISPATCHER\_IMPL Unsupported dispatcher impl**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7100A ( 462858) cmERR\_ABORT\_SESSION\_NOT\_ADDED Session not added**

**Cause:** Internal error.

**Action:** Verify that the session has been added.

**0x7100B ( 462859) cmERR\_ABORT\_SESSION\_LIMIT\_REACH Session limit reached**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7100C ( 462860) cmERR\_ABORT\_SESSION\_DOES\_NOT\_EXIST Session does not exist**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7100D ( 462861) cmERR\_ABORT\_SOCKET\_ALREADY\_OPENED Socket already opened**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7100E ( 462862) cmERR\_ABORT\_SOCKET\_OPEN\_ERROR Unable to create a socket**

**Cause:** Failed to invoke the socket() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7100F ( 462863) cmERR\_ABORT\_BIND\_ERROR Unable to bind the socket, errno=<0%u>**

**Cause:** Failed to invoke the bind() system function on the socket.

**Action:** Check the error number and take the appropriate action.

**0x71010 ( 462864) cmERR\_ABORT\_LISTEN\_ERROR Failed to invoke the listen() system function**

**Cause:** Failed to invoke the listen() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71011 ( 462865) cmERR\_ABORT\_LINK\_LIMIT\_REACH Link limit reached**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71012 ( 462866) cmERR\_ABORT\_LINK\_ALREADY\_IN\_DISPATCHING Link already in dispatch**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71013 ( 462867) cmERR\_ABORT\_TIMED\_OUT Timed out**

**Cause:** A network timeout occurred

**Action:** Check the network.

**0x71014 ( 462868) cmERR\_ABORT\_POLL\_ERROR Failed to invoke the poll() system function**

**Cause:** Failed to invoke the poll() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71015 ( 462869) cmERR\_ABORT\_SELECT\_ERROR Failed to invoke the select() system function**

**Cause:** Failed to invoke the select() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71016 ( 462870) cmERR\_ABORT\_ACCEPT\_ERROR Failed to invoke the accept() system function**

**Cause:** Failed to invoke the accept() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71017 ( 462871) cmERR\_ABORT\_CONNECT\_ERROR Failed to invoke the connect() system function**

**Cause:** Failed to invoke the connect() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71018 ( 462872) cmERR\_ABORT\_RECV\_ERROR Failed to invoke the read() system function**

**Cause:** Failed to invoke the read() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71019 ( 462873) cmERR\_ABORT\_SEND\_ERROR Failed to invoke the write() system function**

**Cause:** Failed to invoke the write() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7101A ( 462874) cmERR\_ABORT\_CONNECTION\_CLOSED Connection closed**

**Cause:** The connection has been closed due to network failure or abnormal client termination.

**Action:** Check the network or client status.

**0x7101B ( 462875) cmERR\_ABORT\_UNIX\_PATH\_TRUNCATED Unix domain socket path truncated**

**Cause:** Unix domain socket path truncated

**Action:** The Altibase socket path is too long. Make it shorter.

**0x7101C ( 462876) cmERR\_ABORT\_LINK\_ALREADY\_REGISTERED Link already registered to Session**

**Cause:** Link already registered to session

**Action:** Ensure that a session has been initialized and ensure that no link is already registered.

**0x7101D ( 462877) cmERR\_ABORT\_PROTOCOL\_HEADER\_ERROR Protocol header error.(**<0%s>**)**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7101E ( 462878) cmERR\_ABORT\_UNKNOWN\_MODULE Unknown module**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71021 ( 462881) cmERR\_ABORT\_INVALID\_PROTOCOL\_SEQUENCE Invalid protocol sequence**

**Cause:** Invalid protocol sequence

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71022 ( 462882) cmERR\_ABORT\_INVALID\_XA\_XID\_DATA\_SIZE Invalid XA XID data size**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71023 ( 462883) cmERR\_ABORT\_MARSHAL\_ERROR Protocol marshal error**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71024 ( 462884) cmERR\_ABORT\_CALLBACK\_DOES\_NOT\_EXIST Callback does not exist**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71026 ( 462886) cmERR\_ABORT\_INCOMPLETE\_VARIABLE Incomplete variable**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71027 ( 462887) cmERR\_ABORT\_VARIABLE\_NOT\_EMPTY Variable not empty**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71028 ( 462888) cmERR\_ABORT\_VARIABLE\_PIECE\_RANGE\_MISMATCH Variable piece range mismatch**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71029 ( 462889) cmERR\_ABORT\_VARIABLE\_SEQUENCE\_SIZE\_MISMATCH Variable sequence size mismatch**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7102A ( 462890) cmERR\_ABORT\_INVALID\_VARIABLE\_TYPE Invalid variable type**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7102B ( 462891) cmERR\_ABORT\_INVALID\_DATATYPE Invalid data type**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7102E ( 462894) cmERR\_ABORT\_NUMERIC\_SIZE\_OVERFLOW Numeric data size overflow**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7102F ( 462895) cmERR\_ABORT\_SOCKET\_SET\_BLOCKING\_FAILED Unable to set the socket to blocking mode**

**Cause:** Failed to invoke the `fcntl()` function for setting a socket to blocking mode. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71030 ( 462896) cmERR\_ABORT\_SOCKET\_SET\_NONBLOCKING\_FAILED Unable to set the socket to non-blocking mode**

**Cause:** Failed to invoke the `fcntl()` function for setting a socket to non-blocking mode. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71032 ( 462898) cmERR\_ABORT\_SOCKET\_SHUTDOWN\_FAILED Unable to shut down the socket**

**Cause:** Failed to invoke the `shutdown()` system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71033 ( 462899) cmERR\_ABORT\_UNSUPPORTED\_LINK\_INFO\_KEY Unsupported link info key**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71034 ( 462900) cmERR\_ABORT\_GETSOCKNAME\_ERROR Failed to invoke the getsockname() system function**

**Cause:** Failed to invoke the `getsockname()` system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71036 ( 462902) cmERR\_ABORT\_SHARED\_POOL\_NOT\_EXIST Shared pool does not exist**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71037 ( 462903) cmERR\_ABORT\_STRING\_OUTPUT\_ERROR String output error**

**Cause:** Failed to invoke a string output function, such as `printf()`. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7103A ( 462906) cmERR\_ABORT\_VARIABLE\_PIECE\_TOO\_LARGE Variable piece too large**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7103B ( 462907) cmERR\_ABORT\_VARIABLE\_SIZE\_MISMATCH Variable size mismatch**



**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7103C ( 462908) cmERR\_ABORT\_VARIABLE\_RANGE\_MISMATCH Variable range mismatch**

**Cause:** Variable range mismatch. This is an internal bug.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7108A ( 462986) cmERR\_ABORT\_CMN\_SOCKET\_CLOSED Socket communication error**

**Cause:** The socket on the client has already been closed.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7108B ( 462987) cmERR\_ABORT\_CMN\_ERR\_FULL\_IPC\_CHANNEL No more IPC channels (MAX=<0%d>, USED=<1%d>, BUFSIZE=<2%d>)**

**Cause:** All IPC channels have been allocated to clients.

**Action:** Use a TCP/UNIX Domain channel or create more IPC channels.

**0x7108C ( 462988) cmERR\_ABORT\_CMN\_SEM\_INIT\_OP Unable to invoke the semop() function as described in the system semaphore properties.**

**Cause:** Failed to invoke the semop() system function

**Action:** Check the system semaphore properties.

**0x71096 ( 462998) cmERR\_ABORT\_GETADDRINFO\_ERROR Failed to invoke the getaddrinfo() system function: <0%s>**

**Cause:** Failed to invoke the getaddrinfo() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71097 ( 462999) cmERR\_ABORT\_GETNAMEINFO\_ERROR Failed to invoke the getnameinfo() system function**

**Cause:** Failed to invoke the getnameinfo() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71098 ( 463000) cmERR\_ABORT\_SETSOCKOPT\_ERROR Failed to invoke the setsockopt() system function: <0%s>**

**Cause:** Failed to invoke the setsockopt() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x71099 ( 463001) cmERR\_ABORT\_CONNECT\_INVALIDARG Invalid argument supplied for connect()**

**Cause:** Invalid argument supplied for connect().

**Action:** Check the IP address and hostname.

**0x7109C ( 463004) cmERR\_ABORT\_SHMGET\_ERROR Failed to get shared memory ID**

**Cause:** Failed to get shared memory ID with the key

**Action:** Check your platform.

**0x7109D ( 463005) cmERR\_ABORT\_COMPRESS\_DATA\_ERROR Failed to compress data in a packet**

**Cause:** Failed to compress packet data.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7109E ( 463006) cmERR\_ABORT\_DECOMPRESS\_DATA\_ERROR Failed to decompress data in a packet**

**Cause:** Failed to decompress packet data.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x7109F ( 463007) cmERR\_ABORT\_UNSUPPORTED\_NETWORK\_PROTOCOL Unsupported network protocol**

**Cause:** Unsupported network protocol

**Action:** Check the protocol version of the client application and use an appropriate library.

**0x710A0 ( 463008) cmERR\_ABORT\_INVALID\_CERTIFICATE Failed to load a certificate. SSL error: <0%s>**

**Cause:** Failed to load a valid certificate from the file the user specified in the altibase.properties file.

**Action:** Check whether or not the certificate and its location are valid.

**0x710A1 ( 463009) cmERR\_ABORT\_INVALID\_PRIVATE\_KEY Failed to load a private key. SSL error: <0%s>**

**Cause:** Failed to load a valid private key from the file the user specified in the altibase.properties file.

**Action:** Check whether or not the certificate and its location are valid.

**0x710A2 ( 463010) cmERR\_ABORT\_PRIVATE\_KEY\_VERIFICATION Failed to verify the private key. SSL error: <0%s>**

**Cause:** Private key does not match the certificate loaded into SSL context.

**Action:** Check whether or not the private key matches the certificate.

**0x710A3 ( 463011) cmERR\_ABORT\_SSL\_HANDSHAKE SSL handshake failed. SSL error: <0%s>**

**Cause:** SSL handshake failed.

**Action:** Refer to the altibase\_boot.log file for further information about the failure.

**0x710A4 ( 463012) cmERR\_ABORT\_SSL\_READ SSL read failed. SSL error: <0%s>**

**Cause:** SSL read failed.

**Action:** Refer to the altibase\_boot.log file for further information about the failure.

**0x710A5 ( 463013) cmERR\_ABORT\_SSL\_WRITE SSL write failed. SSL error: <0%s>**

**Cause:** SSL write failed.

**Action:** Refer to the altibase\_boot.log file for further information about the failure.

**0x710A6 ( 463014) cmERR\_ABORT\_SSL\_SHUTDOWN SSL shutdown failed. SSL error: <0%s>**

**Cause:** SSL shutdown failed.

**Action:** Refer to the altibase\_boot.log file for further information about the failure.

**0x710A7 ( 463015) cmERR\_ABORT\_INVALID\_VERIFY\_LOCATION Failed to load trusted certificates from the specified location(s). SSL error: <0%s>**

**Cause:** Failed to load trusted certificates from the specified location(s).

**Action:** Check whether the CA and/or CAPath properties are valid.

**0x710A8 ( 463016) cmERR\_ABORT\_INVALID\_CA\_LIST\_FILE Failed to load trusted certificates from the CA file. SSL error: <0%s>**

**Cause:** Failed to load trusted certificates from the CA file.

**Action:** Check whether or not the CA file is valid.

**0x710A9 ( 463017) cmERR\_ABORT\_SSL\_CONNECT SSL connect failed.**

**Cause:** SSL connect failed.

**Action:** Refer to the altibase\_boot.log file for further information about the failure.

**0x710AA ( 463018) cmERR\_ABORT\_VERIFY\_PEER\_CERTIFICATE Failed to verify the peer certificate. SSL error: <0%s>**

**Cause:** Failed to verify the peer certificate.

**Action:** Check whether or not the peer has a valid certificate.

**0x710AB ( 463019) cmERR\_ABORT\_SSL\_OPERATION SSL operation failed. SSL error: <0%s>**

**Cause:** SSL operation failed.

**Action:** Refer to the altibase\_boot.log file for further information about the failure.

**0x710AC ( 463020) cmERR\_ABORT\_DLOPEN Failed to open the <0%s> library. Error: <1%s>**

**Cause:** Failed to open the library.

**Action:** Check whether or not the library has been installed and set properly.

**0x710AD ( 463021) cmERR\_ABORT\_DLSYM Failed to load functions from the <0%s> library. Error: <1%s>**

**Cause:** Failed to load functions from the library.

**Action:** Check whether or not the library has been installed properly.

**0x710AE (463022) cmERR\_ABORT\_GETSOCKOPT\_ERROR Failed to invoke the getsockopt() system function: <0%s>**

**Cause:** Failed to invoke the getsockopt() system function. This is a system call error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710AF ( 463023) cmERR\_ABORT\_SHARD\_VERSION\_MISMATCH Mismatched Shard version.**

**Cause:** The shard versions of server and client do not correspond.

**Action:** Use the identical shard and client versions.

**0x710B0 ( 463024) cmERR\_ABORT\_SYSTEM\_CALL\_ERROR Failed to invoke the <0%s> system function.**

**Cause:** Failed to invoke the system function. This is a system call error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x710B1 ( 463025) cmERR\_ABORT\_IB\_RSOCKET\_ALREADY\_OPENED IB rsocket already opened**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710B2 ( 463026) cmERR\_ABORT\_IB\_RSOCKET\_OPEN\_ERROR Unable to create a IB rsocket, errno=<0%u>**

**Cause:** Failed to invoke the rsocket() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710B3 ( 463027) cmERR\_ABORT\_IB\_RBIND\_ERROR Unable to bind the IB rsocket, errno=<0%u>**

**Cause:** Failed to invoke the rbind() function on the IB rsocket.

**Action:** Check the error number and take the appropriate action.

**0x710B4 ( 463028) cmERR\_ABORT\_IB\_RLISTEN\_ERROR Failed to invoke the rlisten() function**

**Cause:** Failed to invoke the rlisten() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710B5 ( 463029) cmERR\_ABORT\_IB\_RPOLL\_ERROR Failed to invoke the rpoll() function**

**Cause:** Failed to invoke the rpoll() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710B6 ( 463030) cmERR\_ABORT\_IB\_RSELECT\_ERROR Failed to invoke the rselect() function**

**Cause:** Failed to invoke the rselect() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710B7 ( 463031) cmERR\_ABORT\_IB\_RACCEPT\_ERROR Failed to invoke the raccept() function**

**Cause:** Failed to invoke the raccept() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710B8 ( 463032) cmERR\_ABORT\_IB\_RCONNECT\_INVALIDARG Invalid argument supplied for rconnect()**

**Cause:** Invalid argument supplied for rconnect().

**Action:** Check the IP address and hostname.

**0x710B9 ( 463033) cmERR\_ABORT\_IB\_RCONNECT\_ERROR Failed to invoke the rconnect() function, errno=<0%u>**

**Cause:** Failed to invoke the rconnect() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710BA ( 463034) cmERR\_ABORT\_IB\_RRECV\_ERROR Failed to invoke the rread() function**

**Cause:** Failed to invoke the rread() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710BB ( 463035) cmERR\_ABORT\_IB\_RSEND\_ERROR Failed to invoke the rwrite() function**

**Cause:** Failed to invoke the rwrite() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710BC ( 463036) cmERR\_ABORT\_IB\_RSOCKET\_SHUTDOWN\_FAILED Unable to shut down the socket**

**Cause:** Failed to invoke the rshutdown() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710BD ( 463037) cmERR\_ABORT\_IB\_RSETSOCKOPT\_ERROR Failed to invoke the rsetsockopt() function: <0%s>**

**Cause:** Failed to invoke the rsetsockopt() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710BE ( 463038) cmERR\_ABORT\_IB\_RGETSOCKOPT\_ERROR Failed to invoke the rgetsockopt() function: <0%s>**

**Cause:** Failed to invoke the rgetsockopt() function.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710BF ( 463039) cmERR\_ABORT\_IB\_RSOCKET\_SET\_BLOCKING\_FAILED Unable to set the IB rsocket to blocking mode**

**Cause:** Failed to invoke the `rfcntl()` function for setting a socket to blocking mode.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710C0 ( 463040) cmERR\_ABORT\_IB\_RSOCKET\_SET\_NONBLOCKING\_FAILED Unable to set the IB rsocket to non-blocking mode**

**Cause:** Failed to invoke the `rfcntl()` function for setting a socket to non-blocking mode.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710C2 ( 463042) cmERR\_ABORT\_IB\_RPOLL\_INVALID\_DIRECTION Invalid direction: <0%d>**

**Cause:** Internal error.

**Action:** Contact Altibase's Support Center (<http://support.altibase.com>).

**0x710C5 ( 463045) cmERR\_ABORT\_UNSUPPORTED\_BIND\_HOSTNAME Unable to bind hostname to the socket. [hostname : <0%s>]**

**Cause:** Binding a hostname to the socket is not supported.

**Action:** Use IP address instead of the hostname.

**0x710C6 ( 463046) cmERR\_ABORT\_SHMGET\_ERROR\_WITH\_KEY A system call error occurred while creating shared memory for <0%s>. [key : <1%u>]**

**Cause:** `shmget()` system call failed.

**Action:** Check the `errno` and take an appropriate action. For example, if the `errno` is `EEXIST`, check the shared memory status. If there is a shared memory that has the same key value, remove the shared memory or retry with another key value.

**0x710C7 ( 463047) cmERR\_ABORT\_SEMGET\_ERROR\_WITH\_KEY A system call error occurred while creating semaphore for <0%s>. [key : <1%u>]**

**Cause:** `semget()` system call failed.

**Action:** Check the `errno` and take an appropriate action. For example, if the `errno` is `EEXIST`, check the semaphore status. If there is a semaphore that has the same key value, remove the semaphore or retry with another key value.

## IGNORE

**0x72000 ( 466944) cmERR\_IGNORE\_NoError No CM module error**

**Cause:** This is not an error.

**Action:** You can safely ignore this error message.

**0x72038 ( 467000) cmERR\_IGNORE\_STRING\_TRUNCATED String truncated**

**Cause:** Output string truncated.

**Action:** Ignore this error message.

## RETRY

**0x73031 ( 471089) cmERR\_RETRY\_SOCKET\_OPERATION\_WOULD\_BLOCK** Socket operation would be blocked

**Cause:** A socket is not ready for this operation

**Action:** You may safely ignore this message.

**0x730C1 ( 471233) cmERR\_RETRY\_IB\_RSOCKET\_OPERATION\_WOULD\_BLOCK** IB rsocket operation would be blocked

**Cause:** A IB rsocket is not ready for this operation

**Action:** You may safely ignore this message.

# 13.Database Link Error Code

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## FATAL

**0xC000F ( 786447) dkERR\_FATAL\_ThrMutexInit Unable to initialize a mutex**

**Cause:** The system failed to initialize a mutex.

**Action:** Check the error number in the trace log and contact your operating system engineer.

**0xC002D ( 786477) dkERR\_FATAL\_DK\_FAILED A fatal error occurred!! This error is very critical.**

**Cause:**

- Undefined error

**Action:**

- Please send a bug report to the vendor.

## ABORT

**0xC1000 ( 790528) dkERR\_ABORT\_NotSupportOperation Not supported operation**

**Cause:** The current operation isn't supported yet.

**Action:** Verify that the current operation is valid.

**0xC1001 ( 790529) dkERR\_ABORT\_MEMORY\_ALLOCATION Insufficient memory for Database Link**

**Cause:** The memory manager could not allocate sufficient memory for the query processor.

**Action:** Verify that the system has sufficient memory.

**0xC1002 ( 790530) dkERR\_ABORT\_DK\_FUNCTION\_NOT\_ALLOWED This function is executable only in an execute procedure/function statement**

**Cause:** The function was called in DML.

**Action:** Use this function only in an EXECUTE statement.

**0xC1003 ( 790531) dkERR\_ABORT\_DK\_MISMATCHED\_COLUMN\_TYPE Type mismatched column type and return type**

**Cause:** The column type and return type do not match.

**Action:** Check the column specification.

**0xC1004 ( 790532) dkERR\_ABORT\_DK\_UNSUPPORTED\_COLUMN\_TYPE Not supported column type of remote database**

**Cause:** The column type is unsupported.

**Action:** Check the column specification of database link.

**0xC1005 ( 790533) dkERR\_ABORT\_DK\_PARSING\_DBLINK\_CONF\_FAILED Cannot parse dblink.conf - <0%>**



**Cause:** The dblink.conf file could not be parsed.

**Action:** Check the dblink.conf file.

**0xC1006 ( 790534) dkERR\_ABORT\_DK\_OPEN\_DBLINK\_CONF\_FAILED Cannot open dblink.conf**

**Cause:** The dblink.conf file could not be opened.

**Action:** Check the dblink.conf file.

**0xC1007 ( 790535) dkERR\_ABORT\_DK\_NO\_HOME\_DIRECTORY The 'ALTIBASE\_HOME' environment must be set**

**Cause:** The environment variable 'ALTIBASE\_HOME' is not set.

**Action:** Check the environment variable 'ALTIBASE\_HOME'.

**0xC1008 ( 790536) dkERR\_ABORT\_DKM\_SESSION\_INIT\_FAILED Failed to initialize a linker data session (Session Id:<0%d>)**

**Cause:** The number of linker data sessions is full.

**Action:** Check the number of sessions from performance view.

**0xC1009 ( 790537) dkERR\_ABORT\_DKM\_GTX\_PREPARE\_PHASE\_FAILED Remote atomic transaction in prepare phase failed**

**Cause:** There is a network problem or protocol version inconsistency between Altibase and the AltiLinker process.

**Action:** Check the network or product version.

**0xC100A ( 790538) dkERR\_ABORT\_DKM\_GTX\_COMMIT\_PHASE\_FAILED Remote atomic transaction in commit phase failed**

**Cause:** There is a network problem or protocol version inconsistency between Altibase and the AltiLinker process.

**Action:** Check the number of sessions from performance views.

**0xC100B ( 790539) dkERR\_ABORT\_DK\_INVALID\_TX\_LEVEL Invalid atomic transaction level value for remote transaction**

**Cause:** An invalid atomic transaction level is set.

**Action:** Check this transaction information from performance view.

**0xC100C ( 790540) dkERR\_ABORT\_DKM\_GTX\_ROLLBACK\_IMPOSSIBLE Cannot rollback the remote transaction**

**Cause:** The remote server currently has the autocommit mode set to 'On'.

**Action:** Check the atomic transaction level and the auto-commit mode of the remote server.

**0xC100D ( 790541) dkERR\_ABORT\_DKT\_ROLLBACK\_FAILED Failed to rollback the remote transaction**

**Cause:** There is a network problem or protocol version inconsistency between Altibase and the AltiLinker process.

**Action:** Check the network or product version.

**0xC100E ( 790542) dkERR\_ABORT\_DKT\_GLOBAL\_COORDINATOR\_NOT\_EXIST The global coordinator does not exist**

**Cause:** A global transaction can not be handled from an invalid transaction ID.

**Action:** Check the transaction information using performance views.

**0xC1010 ( 790544) dkERR\_ABORT\_DKM\_INVALID\_DBLINK Unable to find a database link**

**Cause:** A database link is removed or the wrong database link name is used.

**Action:** Verify that the correct database link name is being used through the use of performance views.

**0xC1011 ( 790545) dkERR\_ABORT\_DKM\_INVALID\_REMOTE\_STMT Unable to find a remote statement**

**Cause:** The remote statement has finished processing.

**Action:** Check the remote statement information using performance views.

**0xC1012 ( 790546) dkERR\_ABORT\_DKT\_INVALID\_REMOTE\_TX Unable to find a remote transaction**

**Cause:** The remote transaction has finished processing.

**Action:** Check the remote transaction information using performance views.

**0xC1013 ( 790547) dkERR\_ABORT\_DKM\_COMMIT\_FAILED Failed to commit a remote transaction**

**Cause:** A network problem occurred.

**Action:** Check the transaction or session information using performance views, and consider using 'commit force'.

**0xC1014 ( 790548) dkERR\_ABORT\_DKM\_ROLLBACK\_IMPOSSIBLE Unable to rollback remote transaction**

**Cause:** The autocommit mode is not set correctly, or the atomic transaction level is set to 'remote statement execution level.'

**Action:** Check the auto-commit mode or atomic transaction level.

**0xC1015 ( 790549) dkERR\_ABORT\_DKM\_DBLINK\_ALREADY\_EXIST Database link already exists**

**Cause:** A database link already exists.

**Action:** Check the database link information using performance views.

**0xC1016 ( 790550) dkERR\_ABORT\_DKM\_INVALID\_USER\_MODE Invalid user mode**

**Cause:** An input value for user mode is invalid.

**Action:** Check if the input value for the user mode is set to 'PUBLIC' or 'PRIVATE'.

**0xC1017 ( 790551) dkERR\_ABORT\_DKS\_ALLOC\_LINK [Network] Failed to allocate a communication link**

**Cause:** Failed to create a llink object due to insufficient memory.

**Action:** Check the error number in the trace log and take appropriate action.

**0xC1018 ( 790552) dkERR\_ABORT\_DKS\_ALLOC\_CM\_BLOCK [Network] Failed to allocate a communication block**

**Cause:** Failed to allocate a memory buffer for network communication.

**Action:** Check the error number in the trace log and take appropriate action.

**0xC1019 ( 790553) dkERR\_ABORT\_DKS\_SHUTDOWN\_LINK [Network] Failed to shutdown a communication link**

**Cause:** The other party closed the socket before the network was shut down.

**Action:** You may safely ignore this error.

**0xC101A ( 790554) dkERR\_ABORT\_DKS\_CLOSE\_LINK [Network] Failed to close a communication link**

**Cause:** The network socket was closed.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC101B ( 790555) dkERR\_ABORT\_DKS\_FREE\_CM\_BLOCK [Network] Failed to free a communication read or write block**

**Cause:** An allocated memory buffer was freed.

**Action:** Check the error number and take the appropriate action.

**0xC101C ( 790556) dkERR\_ABORT\_DKS\_FREE\_LINK [Network] Failed to free a communication link**

**Cause:** A created link object was freed.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC101D ( 790557) dkERR\_ABORT\_DKO\_DBLINK\_IS\_BEING\_USED Database link already being used**

**Cause:** An attempt was made to shut down the database link while it was being used by another session.

**Action:** Check the performance view for dynamic database link information.

**0xC101E ( 790558) dkERR\_ABORT\_DKO\_DBLINK\_ALREADY\_EXIST Database link name already exists**

**Cause:** There was an attempt to create a database link with a name that already exists.

**Action:** Check the meta table and verify that the database link name does not conflict with an existing object.

**0xC101F ( 790559) dkERR\_ABORT\_DKA\_ACCESS\_LINKER\_EXEC\_FILE Unable to get the Altilinker process execution file.**

**Cause:** An AltiLinker process execution file does not exist or the wrong file path is used.

**Action:** Can not find or access the 'ALTIBASE\_HOME/bin/altilinker.jar' file.

**0xC1020 ( 790560) dkERR\_ABORT\_DKA\_FORK\_EXEC\_LINKER\_PROCESS Unable to execute Altilinker process.**

**Cause:** Failed to start the AltiLinker process.

**Action:** Check whether JAVA\_HOME is specified, or whether you have the execute privilege, or whether there are too many symbolic links. If none of the above are wrong, check the error number in the trace log and take appropriate action.

**0xC1021 ( 790561) dkERR\_ABORT\_DKS\_LINKER\_SESSION\_CONNECT [Network] Failed to connect with Altilinker process.**

**Cause:** cmiConnectWithoutData() returned an error

**Action:** Check the network connection or verify that the AltiLinker process running.

**0xC1022 ( 790562) dkERR\_ABORT\_ADLP\_PROTOCOL ADLP protocol failed to work**

**Cause:** ADLP protocol error.

**Action:** Check the version of the AltiLinker process and Altibase server or check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC1023 ( 790563) dkERR\_ABORT\_DKP\_TIMEOUT [Network] A timeout occurred**

**Cause:** Network failure.

**Action:** Check network connection or check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC1024 ( 790564) dkERR\_ABORT\_DKP\_ANALYZE\_ADLP\_HEADER [Network] Failed to analyze an ADLP header**

**Cause:** Network failure or wrong protocol version

**Action:** Check network connection or check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC1025 ( 790565) dkERR\_ABORT\_DKP\_CMI\_SEND [Network] Failed to send a packet**

**Cause:** cmiSend() returned an error

**Action:** Check the network connection, whether the AltiLinker process is running or check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC1026 ( 790566) dkERR\_ABORT\_DKM\_ALTILINKER\_DISABLED Failed to execute Altilinker process**

**Cause:** The user tried to start the AltiLinker process but it was disabled.

**Action:** Check the property file 'dblink.conf'.

**0xC1027 ( 790567) dkERR\_ABORT\_DKM\_ALTILINKER\_ALREADY\_RUNNING Altilinker process already running**

**Cause:** The AltiLinker process is already running.

**Action:** Check if an AltiLinker process is already running.

**0xC1028 ( 790568) dkERR\_ABORT\_DKM\_ALTILINKER\_IS\_NOT\_RUNNING No running Altilinker process**

**Cause:** The AltiLinker process is not running.

**Action:** Check if an AltiLinker process is running.

**0xC1029 ( 790569) dkERR\_ABORT\_DTK\_REMOTE\_SERVER\_ERROR Remote server error occurred ( Error code: <0%d>, SQL state: <1%s>, Description: <2%s> )**

**Cause:** There was a remote server error caused by a syntax error in the remote statement

**Action:** Check the syntax of the remote statement and check the remote server error logs.

**0xC102A ( 790570) dkERR\_ABORT\_DKT\_INVALID\_JDBC\_DRIVER Invalid JDBC driver**

**Cause:** The JDBC driver either does not exist or is invalid.

**Action:** Check the directory and the JDBC drivers.

**0xC102B ( 790571) dkERR\_ABORT\_DKT\_INVALID\_STMT\_TYPE Invalid remote statement type**

**Cause:** There is a misapplication of the procedure function.

**Action:** Check the syntax of the remote statement.

**0xC102C ( 790572) dkERR\_ABORT\_DKM\_GET\_ERROR\_INFO Failed to get remote statement execution error information**

**Cause:** This error was either not caused by the remote server, or was simply not executed yet.

**Action:** Verify that the remote statement executed and check the remote server's log files.

**0xC102E ( 790574) dkERR\_ABORT\_DKM\_REMOTE\_STMT\_IS\_NOT\_FAILED No error for the remote statement**

**Cause:** The function was called successfully, so there is no remote\_statement\_id to pass to the REMOTE\_GET\_ERROR\_INFO function.

**Action:** Check the result of the remote statement execution.

**0xC102F ( 790575) dkERR\_ABORT\_DKP\_INVALID\_REMOTE\_STMT Invalid remote statement id detected in protocol operation**

**Cause:** Altibase received the query results of a terminated session from AltiLinker.

**Action:** Forcefully kill AltiLinker, then execute the ALTER DATABASE LINKER STOP FORCE command, and then execute the ALTER DATABASE LINKER START command.

**0xC1030 ( 790576) dkERR\_ABORT\_DKT\_GLOBAL\_TX\_NOT\_PREPARED Global transaction not prepared to commit**

**Cause:** Network error or internal malfunction.

**Action:** Check the network and check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC1031 ( 790577) dkERR\_ABORT\_DKM\_DBLINK\_DISABLED dblink disabled**

**Cause:** Dblink disabled.

**Action:** Check the altibase.properties file and set the correct value.

**0xC1032 ( 790578) dkERR\_ABORT\_TRAVERSE\_NOT\_APPLICABLE Impossible to traverse**

**Cause:** The traverse is impossible.

**Action:** Verify that the traverse is valid.

**0xC1033 ( 790579) dkERR\_ABORT\_FUNCTION\_NOT\_AVAILABLE The function is not available**

**Cause:**

- The function doesn't have to be called.

**Action:**

- Please make sure that the function is valid.

**0xC1034 ( 790580) dkERR\_ABORT\_META\_IS\_DIFFERENT Remote table's meta has changed**

**Cause:** The AltiLinker process is not running.

**Action:** Check if an AltiLinker process is running.

**0xC1036 ( 790582) dkERR\_ABORT\_DKO\_DBLINK\_NOT\_EXIST A database link does not exist**

**Cause:** The specified database link does not exist.

**Action:** Verify that the correct database link was specified, or use performance views to check for available database links.

**0xC1037 ( 790583) dkERR\_ABORT\_ARGUMENT\_IS\_NOT\_CONSTANT The argument is not a constant value**

**Cause:** The argument is not a constant value.

**Action:** Check the function's arguments.

**0xC1038 ( 790584) dkERR\_ABORT\_ARGUMENT\_IS\_NOT\_PROPER\_TYPE The argument is not proper type**

**Cause:** The argument is not of the smallint or integer types.

**Action:** Check the function's arguments.

**0xC1039 ( 790585) dkERR\_ABORT\_DKM\_INVALID\_TARGET Unable to find a valid target**

**Cause:** A database link property file is not set correctly.

**Action:** Check the JDBC driver or the URL of the target remote server in the database link property file.

**0xC103A ( 790586) dkERR\_ABORT\_DKS\_REMOTE\_SESSION\_IS\_BUSY Unable to close session, a remote node session is busy**

**Cause:** There is a currently executing remote statement.

**Action:** Check performance views to find the remote transaction or statement, and then close the session after committing or rolling back the remote transaction.

**0xC103B ( 790587) dkERR\_ABORT\_DKM\_DATA\_SESSION\_NOT\_EXIST No linker data session exists**

**Cause:** There is a currently executing remote statement.

**Action:** Check performance views to find the remote transaction or statement, and then close the session after committing or rolling back the remote transaction.

**0xC103C ( 790588) dkERR\_ABORT\_DKS\_SESSION\_NOT\_EXIST Session not exist**

**Cause:**

- Tried to connect using a session that does not exist

**Action:**

- Please check a performance view for session information and close session

**0xC103D ( 790589) dkERR\_ABORT\_DKM\_INVALID\_COLUMN Unable to find column meta**

**Cause:** Wrong column index used or this column does not exist.

**Action:** Check the 'REMOTE\_GET\_COLUMN\_VALUE' function in the procedure.

**0xC103E ( 790590) dkERR\_ABORT\_DKT\_REMOTE\_SERVER\_DISCONNECT [Network] Unable to access a remote server**

**Cause:** An incorrect user ID or password was specified for the target remote server, or the connection was disconnected.

**Action:** Check the TARGET item in the 'dblink.conf' configuration file or check the connection with the target remote server.

**0xC103F ( 790591) dkERR\_ABORT\_DKM\_COLUMN\_VALUE\_NULL No column value**

**Cause:** REMOTE\_GET\_COLUMN\_VALUE\_ function is used against a column which has no value.

**Action:** Check the procedure.

**0xC1041 ( 790593) dkERR\_ABORT\_DKD\_REMOTE\_QUERY\_EMPTY Empty remote query**

**Cause:** The remote query is empty.

**Action:** Check the remote query.

**0xC1042 ( 790594) dkERR\_ABORT\_DKD\_NO\_COLUMN No column**

**Cause:** There is no column.

**Action:** Check column count and information.

**0xC1043 ( 790595) dkERR\_ABORT\_DKT\_SAVEPOINT\_ALREADY\_EXIST Same savepoint name already exists**

**Cause:** The savepoint name already exists.

**Action:** Use a different name for the savepoint.

**0xC1044 ( 790596) dkERR\_ABORT\_DKS\_DATA\_SESSION\_ALREADY\_EXIST A linker data session already exists**

**Cause:** Tried to create a linker data session that already exists.

**Action:** Check the performance view for linker data session information.

**0xC1045 ( 790597) dkERR\_ABORT\_DKM\_NOT\_SUPPORT\_GTX\_LEVEL Not supported global transaction level**

**Cause:** The global transaction level was set to an unsupported value.

**Action:** Check the performance view or the altibase.properties file.

**0xC1046 ( 790598) dkERR\_ABORT\_DKM\_NOT\_SUPPORT\_AUTOCOMMIT\_MODE Not supported autocommit mode**

**Cause:** The autocommit mode was set to an unsupported value.

**Action:** Check the performance view or the altibase.properties file.

**0xC1047 ( 790599) dkERR\_ABORT\_DKT\_REMOTE\_STMT\_TYPE Invalid remote statement type**

**Cause:** An invalid remote statement type is being used.

**Action:** Verify that the correct remote statement type is being used, or refer to the Database Link User's Manual.

**0xC1048 ( 790600) dkERR\_ABORT\_DKD\_REMOTE\_TABLE\_COLUMN\_IS\_NO\_NULL Received null value from non null column of remote table**

**Cause:** The specified column in the remote table has a NOT NULL constraint, but a NULL value was received.

**Action:** Check whether changes have been made to the remote table's schema.

**0xC1049 ( 790601) dkERR\_ABORT\_DKA\_PREPARE\_LINKER\_SHUTDOWN\_FAILED Failed to prepare AltiLinker process shutdown, AltiLinker maybe busy now**

**Cause:** The AltiLinker process is currently too busy to shut down.

**Action:** Check the the AltiLinker status using performance views, retry this command after the AltiLinker process is finished, or use the 'FORCE' option.

**0xC104A ( 790602) dkERR\_ABORT\_DKT\_REMOTE\_NODE\_SESSION\_COUNT\_EXCESS Cannot create remote node session any more**



**Cause:** Too many remote node sessions exist.

**Action:** Increase the 'ALTILINKER\_REMOTE\_NODE\_SESSION\_COUNT' property or check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC104B ( 790603) dkERR\_ABORT\_DKM\_INVALID\_USER Failed to drop a database link by invalid user**

**Cause:** A user who is not the owner of a database link tried to drop it.

**Action:** Check the ownership of the database link.

**0xC104C ( 790604) dkERR\_ABORT\_DKM\_START\_ALTILINKER\_PROCESS Unable to fork AltiLinker process**

**Cause:** Another process is using same port number or wrong property file etc.

**Action:** Verify that the correct port number or property file path is being used.

**0xC104D ( 790605) dkERR\_ABORT\_DKM\_CREATE\_CTRL\_SESSION\_FAILED Failed to create linker control session**

**Cause:** Another process is using same port number or wrong property file etc.

**Action:** Verify that the correct port number or property file path is being used.

**0xC104E ( 790606) dkERR\_ABORT\_DKM\_DBLINK\_PROPERTIES\_LOAD\_FAILED Failed to load dblink.conf**

**Cause:** The dblink property file specified is incorrect or does not exist.

**Action:** Check the formatting and contents of the dblink property file and restart the AltiLinker process.

**0xC104F ( 790607) dkERR\_ABORT\_DKM\_INVALID\_TRANSACTION Invalid remote transaction**

**Cause:** Couldn't find the global transaction or remote transaction

**Action:** Check the right statement id or transaction id.

**0xC1050 ( 790608) dkERR\_ABORT\_DKT\_SAVEPOINT\_NOT\_EXIST Savepoint not exist**

**Cause:** The savepoint does not exist or no savepoint name entered.

**Action:** Verify that the savepoint name is correct.

**0xC1051 ( 790609) dkERR\_ABORT\_DKP\_INVALID\_SESSION\_ID Invalid session id**

**Cause:** An invalid session ID was passed.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC1052 ( 790610) dkERR\_ABORT\_DKA\_DO\_LINKER\_SHUTDOWN\_FAILED [Network] Failed to shutdown AltiLinker process**

**Cause:** Network failure

**Action:** Verify that the AltILinker process running. If it is, check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC1053 ( 790611) dkERR\_ABORT\_DKM\_INVALID\_REMOTE\_STMT\_TYPE Invalid remote statement type**

**Cause:** Tried to execute invalid remote statement type

**Action:** Check the remote statement type or string.

**0xC1054 ( 790612) dkERR\_ABORT\_DKM\_NEXT\_ROW\_FAILED Failed to get next row**

**Cause:** The remote statement is already freed or the wrong statement ID was used

**Action:** Verify the remote statement ID and that the remote statement is active.

**0xC1055 ( 790613) dkERR\_ABORT\_DKM\_INVALID\_COLUMN\_INDEX Invalid column index**

**Cause:** The wrong column index number was used.

**Action:** Check the 'REMOTE\_GET\_COLUMN\_VALUE' function in the procedure.

**0xC1056 ( 790614) dkERR\_ABORT\_DKI\_WRONG\_LINK\_NAME Invalid database link name**

**Cause:** The specified database link name is invalid.

**Action:** Check the database link name.

**0xC1057 ( 790615) dkERR\_ABORT\_ALTILINKER\_DISCONNECTED [FAILURE] Altilinker process disconnected**

**Cause:** The AltILinker process was killed or disconnected.

**Action:** Verify that the AltILinker process is active and that it is currently connected.

**0xC1058 ( 790616) dkERR\_ABORT\_DKM\_SET\_SAVEPOINT Failed to set a savepoint to remote server**

**Cause:** The remote node session is running in autocommit mode, or the remote server does not support changes to the autocommit mode.

**Action:** Verify that the autocommit mode of the remote node session is set to 'OFF'.

**0xC1059 ( 790617) dkERR\_ABORT\_DKI\_STATEMENT\_IS\_NULL There is no internal statement information.**

**Cause:** Internal statement is missing.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0xC105A ( 790618) dkERR\_ABORT\_DKM\_LINKER\_DUMP\_ERROR Failed to dump altilinker information.**

**Cause:** The AltILinker process is running abnormally.

**Action:** Verify the AltILinker process status and the "altibase\_lk.log" file.

**0xC105B ( 790619) dkERR\_ABORT\_DKD\_INVALID\_BUFFER\_SIZE** The buffer size is not large enough to fetch the remote query results.

**Cause:** The remote server record size is greater than the allocated dblink buffer size.

**Action:** Check the DBLINK\_DATA\_BUFFER\_BLOCK\_SIZE, DBLINK\_DATA\_BUFFER\_BLOCK\_COUNT, DBLINK\_DATA\_BUFFER\_ALLOC\_RATIO or DBLINK\_REMOTE\_TABLE\_BUFFER\_SIZE property.

**0xC105C ( 790620) dkERR\_ABORT\_DKD\_INTERNAL\_BUFFER\_FULL** Insufficient memory for the Database Link.

**Cause:** Internal buffer for database link is full.

**Action:** Please check whether the query result is too large.

**0xC105D ( 790621) dkERR\_ABORT\_DKM\_DBLINK\_ALTILINKER\_STATUS**  
**DBLINK\_ALTILINKER\_STATUS is only available in the DAEMON process.**

**Cause:** DBLINK\_ALTILINKER\_STATUS is visible at DAEMON process.

**Action:** Please query with the SYSDBA privilege.

**0xC105E ( 790622) dkERR\_ABORT\_DKN\_GET\_ADDR\_INFO\_ERROR** An error occurred while receiving address information over the network.

**Cause:** There is error while getting address info.

**Action:** Please check network status.

**0xC105F ( 790623) dkERR\_ABORT\_DKN\_OPEN\_SOCKET\_ERROR** A network error occurred.

**Cause:** An error occurred while opening the socket.

**Action:** Please check network status.

**0xC1060 ( 790624) dkERR\_ABORT\_DKN\_SELECT\_SOCKET\_ERROR** A network error occurred.

**Cause:** An error occurred while selecting the socket.

**Action:** Please check network status.

**0xC1061 ( 790625) dkERR\_ABORT\_DKN\_NOT\_ENOUGH\_DATA\_IN\_WRITE\_BUFFER** An error occurred while sending data over the network.

**Cause:**

- The data does not adhere to ADLP.

**Action:**

-Please send a bug report to the vendor.

**0xC1062 ( 790626) dkERR\_ABORT\_DKN\_NOT\_ENOUGH\_DATA\_IN\_READ\_BUFFER** An error occurred while receiving data over the network.

**Cause:**

-The data does not adhere to ADLP.

**Action:**

-Please send a bug report to the vendor.

**0xC1063 ( 790627) dkERR\_ABORT\_DKN\_SEND\_SOCKET\_ERROR** An error occurred while sending data over the network.

**Cause:** An error occurred while sending data to the socket.

**Action:** Please check network status.

**0xC1064 ( 790628) dkERR\_ABORT\_DKN\_RECV\_SOCKET\_ERROR** An error occurred while receiving data over the network.

**Cause:** An error occurred while receiving data from the socket.

**Action:** Please check network status.

**0xC1065 ( 790629) dkERR\_ABORT\_DKN\_WRONG\_HEADER\_SIGN** The ADLP protocol header is wrong.

**Cause:** The communication protocol header is invalid.

**Action:** Please check the network or product version.

**0xC1066 ( 790630) dkERR\_ABORT\_DKT\_INVALID\_COLUMN\_INDEX** Invalid column index

**Cause:** The wrong column index number was used.

**Action:** Check the 'REMOTE\_GET\_RESULT\_BATCH' function in the procedure.

**0xC1067 ( 790631) dkERR\_ABORT\_DKT\_INVALID\_REMOTE\_STMT\_TYPE** Invalid remote statement type

**Cause:** Tried to execute invalid remote statement type

**Action:** Check the remote statement type or string.

**0xC1068 ( 790632) dkERR\_ABORT\_XA\_APPLY\_FAIL** Fail notifier application. Result type = <0%u>, Global tx id = <1%lu>.

**Cause:** There's network error or remote server failure.

**Action:** Please check network and remote server's status.

**0xC1069 ( 790633) dkERR\_ABORT\_DKM\_CAN\_NOT\_CHANGE\_GTX\_LEVEL** It can not change transaction level while global transaction is running.

**Cause:** There's running global transaction.

**Action:** Please try again after finish global transaction.

**0xC106A ( 790634) dkERR\_ABORT\_DK\_INTERNAL\_ERROR** Internal error occurs. (<0%s>).

**Cause:**

- internal error.

**Action:**

- Please send a bug report to the vendor.

**0xC106B ( 790635) dkERR\_ABORT\_DKM\_CANNOT\_SET\_SAVEPOINT** It cannot set a savepoint to remote server in global transaction level 2.

**Cause:** Global transaction level is 2.

**Action:** Please check global transaction level.

**0xC106C ( 790636) dkERR\_ABORT\_DKA\_JAVA\_EXEC\_ERR Java binary which can execute the Altilinker process cannot be found [ <0%s>: <1%s> ].**

**Cause:** Either java has not been installed or JAVA\_HOME has been incorrectly configured, otherwise, the system privilege does not exist.

**Action:**

- The Java binary with the system privilege is required to execute the process.
- To do that, install JRE on a machine where AltiLinker would be operating, and then configure the installation path of JRE in JAVA\_HOME environment variables or verify the system privilege if it has already been installed.

**0xC106D ( 790637) dkERR\_ABORT\_DKA\_JAVA\_HOME\_ERR altilinker cannot be executed since the environment variables of JAVA\_HOME has not been configured yet.**

**Cause:** The Java\_HOME environment variables are not configured.

**Action:** Accurately configure the installation path in which JRE is installed in the JAVA\_HOME environment variables.

**0xC106E ( 790638) dkERR\_ABORT\_DKT\_ALTILINKER\_XAEXCEPTION XAException occurred.**

**Cause:** XAException occurred from Altilinker process.

**Action:** Check XAException message in altibase\_1k file and take appropriate action.

**0xC106F ( 790639) dkERR\_ABORT\_DKM\_NOT\_EXECUTE\_DML Failed to execute a DML because the global transaction has been terminated.**

**Cause:**

- After failed to commit in global transaction level 2, do not execute a DML statement to a remote server.

**Action:**

- Execute rollback and try again.

## RETRY

**0xC3035 ( 798773) dkERR\_REBUILD\_META\_IS\_DIFFERENT Remote table's meta has changed**

**Cause:** The AltiLinker process is not running.

**Action:** Check if an AltiLinker process is running.

# 14. Log Analyzer Error Code

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## FATAL

**0x50008 ( 327688) ulaERR\_FATAL\_TX\_ALREADY\_BEGIN Transaction has already begun**  
[<0%u>:<1%u>]

**Cause:** Transaction already exists in the Transaction ID's slot.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5000A ( 327690) ulaERR\_FATAL\_MUTEX\_INITIALIZE Failed to initialize mutex**  
[<0%s>]

**Cause:** Failed to initialize a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5000B ( 327691) ulaERR\_FATAL\_MUTEX\_DESTROY Failed to destroy mutex**  
[<0%s>]

**Cause:** Failed to destroy a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5000C ( 327692) ulaERR\_FATAL\_MUTEX\_LOCK Failed to lock mutex [<0%s>]**

**Cause:** Failed to lock a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5000D ( 327693) ulaERR\_FATAL\_MUTEX\_UNLOCK Failed to unlock mutex [<0%s>]**

**Cause:** Failed to unlock a mutex.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

## ABORT

**0x51006 ( 331782) ulaERR\_ABORT\_MEMORY\_ALLOC Memory allocation failure**

**Cause:** Insufficient memory.

**Action:** Check the amount of free memory.

**0x51012 ( 331794) ulaERR\_ABORT\_META\_NOT\_EXIST The meta information does not exist.**

**Cause:** The meta information does not exist.

**Action:** Check the Altibase Log Analysis API.

**0x51013 ( 331795) ulaERR\_ABORT\_NET\_INITIALIZE\_CONTEXT Failed to initialize network context [<0%s>]**

**Cause:**

- Internal API error.

**Action:**

- Please send a bug report to the vendor.

**0x51015 ( 331797) ulaERR\_ABORT\_NET\_TIMEOUT Network timeout [<0%s>]**

**Cause:** A network timeout occurred.

**Action:** Check the Altibase Log Analysis API.

**0x51016 ( 331798) ulaERR\_ABORT\_NET\_READ Network read failure [<0%s>, <1%u>]**

**Cause:** Network or Altibase Log Analysis API problem.

**Action:** Check the network and environment variables.

**0x51017 ( 331799) ulaERR\_ABORT\_NET\_EXIT Already exited network session [<0%s>]**

**Cause:** The network exit flag has already been set.

**Action:** Check the Altibase Log Analysis API.

**0x51018 ( 331800) ulaERR\_ABORT\_NET\_UNEXPECTED\_PROTOCOL Unexpected network protocol [<0%s>]**

**Cause:** Invalid protocol.

**Action:** Check the replication protocol version.

**0x51019 ( 331801) ulaERR\_ABORT\_NET\_FINALIZE\_PROTOCOL Failed to finalize network protocol [<0%s>]****Cause:**

- Internal API error.

**Action:**

- Please send a bug report to the vendor.

**0x5101A ( 331802) ulaERR\_ABORT\_NET\_FINALIZE\_CONTEXT Failed to finalize network context [<0%s>]****Cause:**

- Internal API error.

**Action:**

- Please send a bug report to the vendor.

**0x5101B ( 331803) ulaERR\_ABORT\_NET\_WRITE Network write failure [<0%s>, <1%u>]**

**Cause:** Network or Altibase Log Analysis API problem.

**Action:** Check the network and environment variables.

**0x5101C ( 331804) ulaERR\_ABORT\_NET\_FLUSH Network flush failure [<0%s>, <1%u>]**

**Cause:** Network or Altibase Log Analysis API problem.

**Action:** Check the network and environment variables.

**0x5101E ( 331806) ulaERR\_ABORT\_MEM\_POOL\_ALLOC Memory allocation failure in pool**

**Cause:** The memory pool for XLogs is exhausted.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5101F ( 331807) ulaERR\_ABORT\_MEM\_POOL\_FREE Memory free failure in pool**

**Cause:**

- Internal API error.

**Action:**

- Please send a bug report to the vendor.

**0x51020 ( 331808) ulaERR\_ABORT\_MEM\_POOL\_INITIALIZE Failed to initialize memory pool**

**Cause:** Failed to allocate a memory pool for XLogs.

**Action:** Verify that there is enough available memory.

**0x51021 ( 331809) ulaERR\_ABORT\_MEM\_POOL\_DESTROY Failed to destroy memory pool**

**Cause:**

- Internal API error.

**Action:**

- Please send a bug report to the vendor.

**0x51022 ( 331810) ulaERR\_ABORT\_LINK\_SHUTDOWN Failed to shut down link**

**Cause:** Failed to shut down network.

**Action:** You may safely ignore this message.

**0x51023 ( 331811) ulaERR\_ABORT\_LINK\_FREE Failed to free link**

**Cause:** Failed to free network memory.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x51024 ( 331812) ulaERR\_ABORT\_PROTOCOL\_DIFF Different protocol versions**

**Cause:** The replication protocol version is different from that of XLog Sender.

**Action:** Check the version of the XLog Sender protocol.

**0x51027 ( 331815) ulaERR\_ABORT\_LINK\_ALLOC Failed to allocate link**



**Cause:** Failed to allocate network resources.

**Action:** Verify that there are enough available system resources. Take appropriate action if necessary.

**0x51028 ( 331816) ulaERR\_ABORT\_LINK\_LISTEN Failed to listen for link**

**Cause:** Failed to listen to a connection on a socket.

**Action:** Check the port status.

**0x51029 ( 331817) ulaERR\_ABORT\_LINK\_WAIT Failed to wait for link**

**Cause:** Failed while waiting for a link.

**Action:** Check the network status.

**0x5102A ( 331818) ulaERR\_ABORT\_LINK\_ACCEPT Failed to accept link**

**Cause:** Failed to accept a connection on a socket.

**Action:** Check the network status.

**0x5102B ( 331819) ulaERR\_ABORT\_LINK\_SET Failed to set link for session**

**Cause:**

- cmiSetLinkForSession() failed.

**Action:**

- Please send a bug report to the vendor.

**0x5102C ( 331820) ulaERR\_ABORT\_SESSION\_ADD Failed to add session**

**Cause:**

- cmiAddSession() failed.

**Action:**

- Please send a bug report to the vendor.

**0x5103F ( 331839) ulaERR\_ABORT\_TABLE\_NOT\_FOUND Table Not Found [<0%s>, <1%lu>]**

**Cause:** Failed to retrieve table information from the XLog Collector.

**Action:** Use the XLog Collector that has information of the table or check the application logic.

**0x51040 ( 331840) ulaERR\_ABORT\_COLUMN\_NOT\_FOUND Column Not Found [<0%s>, <1%u>]**

**Cause:** Failed to retrieve the column from the XLog Collector.

**Action:** Use the XLog Collector that has information of the table column or check the application logic.

**0x51041 ( 331841) ulaERR\_ABORT\_NOT\_INIT\_TXTABLE Transaction table not initialized**

**Cause:** The transaction table was not initialized.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x51042 ( 331842) ulaERR\_ABORT\_NO\_ENV\_VARIABLE Environment variable <0%s> is not set**

**Cause:** Environment variable cannot be found.

**Action:** Set the environment variable.

**0x51043 ( 331843) ulaERR\_ABORT\_NullSourceData Found that source data was NULL, when converting MT source data to CM data**

**Cause:** The data source contains an Altibase Value that is NULL.

**Action:** Check that the application has properly passed the Altibase Value when using the API.

**0x51044 ( 331844) ulaERR\_ABORT\_InvalidMantissaLength The mantissa length( <%d> ) of source data exceeds the limit of mantissa length**

**Cause:** The data source contains invalid Numeric data.

**Action:** Check whether the data source has been passed properly.

**0x51045 ( 331845) ulaERR\_ABORT\_INVALID\_DATA\_CONVERSION Invalid data conversion**

**Cause:** Invalid data source.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x51046 ( 331846) ulaERR\_ABORT\_NUMERIC\_CONVERSION\_OVERFLOW Numeric conversion overflow**

**Cause:** An overflow occurred while converting to the numeric data type because it exceeded the range.

**Action:** Check the data type and whether the value is within range.

**0x51047 ( 331847) ulaERR\_ABORT\_MEM\_ALLOC\_GET\_INSTANCE Failed to create an instance of the memory allocator [<0%s>]**

**Cause:** Failed to instantiate the memory allocator object.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x51048 ( 331848) ulaERR\_ABORT\_MEM\_ALLOC\_SET\_ATTR Failed to set memory allocator attributes [<0%s>]**

**Cause:** Failed to set attributes on the memory allocator object.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x51049 ( 331849) ulaERR\_ABORT\_ALLOC\_CM\_BLOCK Failed to allocate communication block [<0%s>]**

**Cause:** Failed to allocate memory.

**Action:** Verify that there is enough available memory.

**0x5104A ( 331850) ulaERR\_ABORT\_FREE\_CM\_BLOCK Failed to free communication block [<0%s>]**

**Cause:** Failed to free memory.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5104B ( 331851) ulaERR\_ABORT\_INSUFFICIENT\_XLOG\_POOL ALA XLog Collector cannot receive allocable XLog because the XLog in XLog Pool is all consumed.**

**Cause:**

- There is no XLog that is available for use in the XLog Pool.

**Action:**

- In order to receive the allocable XLog in ALA Application, restart ALA sender after raising the values of ALA\_XLOG\_POOL\_SIZE. Refer to Adapter for Oracle User's Manual for more

## IGNORE

**0x52000 ( 335872) ulaERR\_IGNORE\_LOG\_MGR\_INITIALIZE Failed to initialize log manager**

**Cause:** Failed to initialize the Log Manager.

**Action:** Verify that the file path is correct and that you have permission for the file. Check disk space.

**0x52001 ( 335873) ulaERR\_IGNORE\_LOG\_FILE\_OPEN Failed to open log file**

**Cause:** Failed to open the log file.

**Action:** Check the maximum number of files that can be open. Verify that the file path is correct and that you have permission for the file.

**0x52002 ( 335874) ulaERR\_IGNORE\_LOG\_FILE\_CLOSE Failed to close log file**

**Cause:** Failed to close the log file.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52003 ( 335875) ulaERR\_IGNORE\_LOG\_MGR\_DESTROY Failed to destroy log manager**

**Cause:** Failed to destroy the Log Manager.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52004 ( 335876) ulaERR\_IGNORE\_LOG\_MGR\_LOCK Failed to lock log manager**

**Cause:** Internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52005 ( 335877) ulaERR\_IGNORE\_LOG\_MGR\_UNLOCK Failed to unlock log manager**

**Cause:** Internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52007 ( 335879) ulaERR\_IGNORE\_GEMOETRY\_ENDIAN Endian conversion of geometry type failed [<0%s>, <1%u>]**

**Cause:** This is an internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52009 ( 335881) ulaERR\_IGNORE\_NOT\_ACTIVE\_TX Inactive transaction [<0%u>]**

**Cause:** Transaction is not active.

**Action:** Check Altibase Log Analysis API.

**0x5200E ( 335886) ulaERR\_IGNORE\_LINKEDLIST\_NOT\_EMPTY Linked list is not empty.**

**Cause:** Internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5200F ( 335887) ulaERR\_IGNORE\_PARAMETER\_NULL Null parameter [<0%s>]**

**Cause:** Input or output parameter is null.

**Action:** Check Altibase Log Analysis API.

**0x52010 ( 335888) ulaERR\_IGNORE\_INVALID\_ROLE Invalid Role [<0%d>]**

**Cause:** Altibase Log Analysis API supports only XLog Sender.

**Action:** Check XLog Sender DDL.

**0x52011 ( 335889) ulaERR\_IGNORE\_INVALID\_REPLICATION\_FLAGS Invalid replication flags [<0%u>]**

**Cause:** Unsupported protocol.

**Action:** You may safely ignore this message.

**0x52014 ( 335892) ulaERR\_IGNORE\_NET\_TIMEOUT Network timeout [<0%s>]**

**Cause:** A network timeout occurred.

**Action:** Check the Altibase Log Analysis API.

**0x5201D ( 335901) ulaERR\_IGNORE\_PARAMETER\_INVALID Invalid parameter [<0%s>]**

**Cause:** A parameter is invalid.

**Action:** Check Altibase Log Analysis API.

**0x52025 ( 335909) ulaERR\_IGNORE\_SOCKET\_TYPE\_NONE Socket type not selected**

**Cause:** The socket type has not been selected.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52026 ( 335910) ulaERR\_IGNORE\_SOCKET\_TYPE\_NOT\_SUPPORT Socket type not supported**

**Cause:** The socket type is not supported.

**Action:** Check the Altibase Log Analysis API.

**0x5202D ( 335917) ulaERR\_IGNORE\_XLOG\_SENDER\_NAME\_DIFF Different XLog Sender name [<0%s>:<1%s>]**

**Cause:** The local XLog sender name is different from the remote name.

**Action:** Check the XLog Sender DDL and Log Analysis API.

**0x5202E ( 335918) ulaERR\_IGNORE\_SOCKET\_ALREADY\_INITIALIZE Socket already initialized**

**Cause:** Socket can be initialized only once.

**Action:** Check the Altibase Log Analysis API.

**0x5202F ( 335919) ulaERR\_IGNORE\_SOCKET\_NOT\_SUPPORT\_API Socket does not support API**

**Cause:** The socket does not support the API.

**Action:** Check the Altibase Log Analysis API.

**0x52030 ( 335920) ulaERR\_IGNORE\_AUTH\_INFO\_ONE One piece of authentication information is needed**

**Cause:** The TCP socket type needs at least one piece of authentication information.

**Action:** Check the Altibase Log Analysis API.

**0x52031 ( 335921) ulaERR\_IGNORE\_AUTH\_INFO\_MAX Amount of authentication information already reached maximum**

**Cause:** The amount of authentication information has already reached the maximum.

**Action:** Check the Altibase Log Analysis API.

**0x52032 ( 335922) ulaERR\_IGNORE\_AUTH\_FAIL Authentication failure**

**Cause:** Peer authentication information do not exist.

**Action:** Check the Altibase Log Analysis API.

**0x52033 ( 335923) ulaERR\_IGNORE\_XLOG\_POOL\_EMPTY XLog pool is empty.**

**Cause:** XLog pool is empty.

**Action:** Check the Altibase Log Analysis API.

**0x52034 ( 335924) ulaERR\_IGNORE\_API\_INITIALIZE Global initialization failed**

**Cause:**

- ALA\_InitializeAPI() failed.

**Action:**

- Please send a bug report to the vendor.

**0x52035 ( 335925) ulaERR\_IGNORE\_API\_DESTROY Global termination failed**

**Cause:** Invalid ALA\_Handle.

**Action:** Check the ALA\_Handle.

**0x52036 ( 335926) ulaERR\_IGNORE\_MTD\_MODULE\_GET Failed to get MTD Module [<0%s>, <1%u>]**

**Cause:** This is an internal error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52037 ( 335927) ulaERR\_IGNORE\_MTD\_ENCODE Failed to encode MTD Module [<0%s>]**

**Cause:** This is an internal error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x52038 ( 335928) ulaERR\_IGNORE\_CMT\_INITIALIZE Failed to initialize CMT**

**Cause:**

- cmtAnyInitialize() failed.

**Action:**

- Please send a bug report to the vendor.

**0x52039 ( 335929) ulaERR\_IGNORE\_CMT\_FINALIZE Failed to finalize CMT**

**Cause:** This is an internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5203A ( 335930) ulaERR\_IGNORE\_DIAG\_HEADER\_CREATE Failed to create diagnostic header**

**Cause:** This is an internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5203B ( 335931) ulaERR\_IGNORE\_DIAG\_HEADER\_DESTROY Failed to destroy diagnostic header**

**Cause:** This is an internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5203C ( 335932) ulaERR\_IGNORE\_MT\_TO\_CMT\_CONVERT Failed to convert MT value to CMT value**

**Cause:** This is an internal API error.

**Action:** Check the error number from the trace log and contact Altibase's Support Center (<http://support.altibase.com>).

**0x5203D ( 335933) ulaERR\_IGNORE\_CMT\_TO\_COLUMN\_COPY Failed to copy CMT value to ulnColumn value**

**Cause:**

- ulnDataWritePacketToCache() failed.

**Action:**

- Please send a bug report to the vendor.

**0x5203E ( 335934) ulaERR\_IGNORE\_COLUMN\_TO\_ODBC\_CONVERT Failed to convert ulnColumn value to ODBC C value**

**Cause:** Failed to convert the column passed as an argument to a datatype supported by ODBC.

**Action:** Refer to the log file specified for ALA\_EnableLogging and pass a data type supported by ODBC.

# 15.Regular Expression Error Code

PCRE2 호환 모드(REGEXP\_MODE=1)에서 정규 표현식 사용 시 발생할 수 있는 에러 메시지를 정리하였다.

PCRE2 호환 모드에서 만날 수 있는 0x2106C 에러 코드는 아래와 같은 메시지 형식을 갖는다. <1%>는 PCRE2 라이브러리에서 반환한 메시지이며 <0%>는 Altibase 에서 해당 에러가 발생한 위치를 의미한다.

```
ERR-2106C : PCRE2 error: <1%> (occurred in <0%>)
```

이 장에서는 0x2106c 에서 코드의 <1%> 위치에서 확인할 수 있는 메시지를 에러 발생 상황에 따라 분류하였다.

## 문법 오류

Cause : PCRE2 호환 모드에서 올바르지 않은 정규 표현식 문법을 사용할 때 발생하는 에러 메시지이다.

Action : SQL Reference 매뉴얼 또는 PCRE2 페이지를 참고하여 문법을 올바르게 수정해야 한다.

\ at end of pattern

\c at end of pattern

unrecognized character follows \

numbers out of order in {} quantifier

number too big in {} quantifier

missing terminating ] for character class

escape sequence is invalid in character class

range out of order in character class

quantifier does not follow a repeatable item

unrecognized character after (? or (?-

POSIX named classes are supported only within a class

POSIX collating elements are not supported

missing closing parenthesis

reference to non-existent subpattern

pattern passed as NULL

missing ) after (?# comment

unmatched closing parenthesis

missing closing parenthesis for condition

lookbehind assertion is not fixed length

\C is not allowed in a lookbehind assertion in UTF-8 mode



PCRE2 does not support `\\F`, `\\L`, `\\l`, `\\N{name}`, `\\U`, or `\\u`

number after `(?C` is greater than 255

a relative value of zero is not allowed

conditional subpattern contains more than two branches

assertion expected after `(?(` or `(?(?C`

digit expected after `(?+` or `(?-\\0`

unknown POSIX class name

character code point value in `\\x{}` or `\\o{}` is too large

closing parenthesis for `(?C` expected

invalid escape sequence in `(*VERB)` name

unrecognized character after `(?P`

syntax error in subpattern name (missing terminator?)

two named subpatterns have the same name (PCRE2\_DUPNAMES not set)

subpattern name must start with a non-digit

malformed `\\P` or `\\p` sequence

invalid range in character class

octal value is greater than `\\377` in 8-bit non-UTF-8 mode

DEFINE subpattern contains more than one branch

missing opening brace after `\\o`

`\\g` is not followed by a braced, angle-bracketed, or quoted name/number or by a plain number

`(?R` (recursive pattern call) must be followed by a closing parenthesis

`(*VERB)` not recognized or malformed

subpattern name expected

non-octal character in `\\o{}` (closing brace missing?)

different names for subpatterns of the same number are not allowed

`(*MARK)` must have an argument

non-hex character in `\\x{}` (closing brace missing?)

`\\c` must be followed by a printable ASCII character

`\\k` is not followed by a braced, angle-bracketed, or quoted name

`\\N` is not supported in a class

disallowed Unicode code point (`>= 0xd800 && <= 0xdfff`)

digits missing in `\\x{}` or `\\o{}` or `\\N{U+}`

syntax error or number too big in (? (VERSION condition

missing terminating delimiter for callout with string argument

unrecognized string delimiter follows (?C

invalid hyphen in option setting

\*(*alpha\_assertion*) not recognized

atomic assertion expected after (? ( or (? (C

\\K is not allowed in lookarounds (but see PCRE2\_EXTRA\_ALLOW\_LOOKAROUND\_BSK)

invalid syntax

non-unique substring name

NULL argument passed with non-zero length

nested recursion at the same subject position

requested value is not available

requested value is not set

bad escape sequence in replacement string

expected closing curly bracket in replacement string

bad substitution in replacement string

invalid replacement string

## PCRE2 제약 사항

Cause : PCRE2의 제약 사항을 위배하여 발생하는 에러이다.

Action : 에러 메시지를 참고하여 정규 표현식을 올바르게 수정한다. 조치가 어렵다면 Altibase 고객센터로 연락한다.

parentheses are too deeply nested

regular expression is too large

failed to allocate heap memory

parentheses are too deeply nested (stack check)

lookbehind is too complicated

subpattern name is too long (maximum ... code units)

too many named subpatterns (maximum ...)

subpattern number is too big

callout string is too long

name is too long in (\*MARK), (\*PRUNE), (\*SKIP), or (\*THEN)

character code point value in \\u... sequence is too large

(?| and/or (?J: or (?x: parentheses are too deeply nested

`regular expression is too complicated``lookbehind assertion is too long``pattern string is longer than the limit set by the application``too many capturing groups (maximum 65535)``match limit exceeded``no more memory``matching depth limit exceeded``too many replacements (more than INT_MAX)``heap limit exceeded``offset limit set without PCRE2_USE_OFFSET_LIMIT``match with end before start or start moved backwards is not supported`

## 유니코드, UTF-8 에러

Cause : REGEXP\_ 로 시작하는 문자 함수나 REGEXP\_LIKE 조건 연산자의 입력 문자열이 UTF8 형식을 벗어날 때 발생하는 에러이다.

Action : 문자 함수나 REGEXP\_LIKE 조건 연산자의 입력 문자열이 UTF-8 데이터인지 확인한다.

`UTF-8 error: 1 byte missing at end``UTF-8 error: 2 bytes missing at end``UTF-8 error: 3 bytes missing at end``UTF-8 error: 4 bytes missing at end``UTF-8 error: 5 bytes missing at end``UTF-8 error: byte 2 top bits not 0x80``UTF-8 error: byte 3 top bits not 0x80``UTF-8 error: byte 4 top bits not 0x80``UTF-8 error: byte 5 top bits not 0x80``UTF-8 error: byte 6 top bits not 0x80``UTF-8 error: 5-byte character is not allowed (RFC 3629)``UTF-8 error: 6-byte character is not allowed (RFC 3629)``UTF-8 error: code points greater than 0x10ffff are not defined``UTF-8 error: code points 0xd800-0xdfff are not defined``UTF-8 error: overlong 2-byte sequence``UTF-8 error: overlong 3-byte sequence``UTF-8 error: overlong 4-byte sequence``UTF-8 error: overlong 5-byte sequence`

`UTF-8 error: overlong 6-byte sequence``UTF-8 error: isolated byte with 0x80 bit set``UTF-8 error: illegal byte (0xfe or 0xff)`

## PCRE2 라이브러리 내부 오류

Cause : PCRE2 라이브러리 내부 동작 수행 중 오류가 발생하였다.

Action : 구체적인 원인 확인이 필요하다면 Altibase 고객센터 센터로 연락한다.

`internal error: unexpected repeat``unrecognised compile-time option bit(s)``internal error: code overflow``internal error in pcre2_study(): should not occur``unknown property after \\P or \\p``internal error: overran compiling workspace``internal error: previously-checked referenced subpattern not found``internal error: unknown newline setting``obsolete error (should not occur)``internal error: parsed pattern overflow``internal error: unknown meta code in check_lookbehinds()``using UTF is disabled by the application``using UCP is disabled by the application``internal error: unknown opcode in auto_possessify()``using \\C is disabled by the application``using \\C is disabled in this PCRE2 library``internal error: unknown code in parsed pattern``internal error: bad code value in parsed_skip()``invalid option bits with PCRE2_LITERAL``internal error - pattern overwritten?``internal error - duplicate substitution match``bad data value``patterns do not all use the same character tables``magic number missing``pattern compiled in wrong mode: 8/16/32-bit error``bad offset value`

bad option value

bad offset into UTF string

callout error code

bad serialized data