

ATM* - Adabas Transaction Manager Messages

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ATM000_FF NO TEXT

Explanation One of the following occurred:

- an unexpected error
- an error created intentionally by zap.

Action If the error was unexpected, contact your Software AG support representative.

ATM001_20 ADABAS VERSION NOT SUPPORTED BY ATM

Explanation The Adabas Transaction Manager cannot be used with this version of Adabas.

Action Use a version of Adabas that ATM supports.

ATM002_20 **ATM DATABASE OP FAILED, RSP/SUBCODE** *rsp/subcode*

Explanation The ATM recovery database failed to open for the reason indicated.

Action Correct the cause of the response code and restart the ATM transaction manager.

ATM003_20 **UNABLE TO LOAD** *module-name*

Explanation The named module could not be loaded.

Action Ensure that the module is in a library from which it can be loaded dynamically.

ATM005_20 **Error reading TM controls; RSP/SUB:** *rsp/sub*

Explanation An unexpected response code was encountered during reading of the TM controls from the configuration file.

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative.

ATM007_20 **COR GROUP ALREADY HAS MANAGER:** *manager*

Explanation The ATM manager indicated in the message is already active locally in the local COR group. It is not possible to have more than one ATM transaction manager associated with the same COR group and executing in the same location (that is, under the same Adabas ID table, or Adabas SVC).

Action Do not attempt to run more than one ATM transaction manager under the same ID table and associated with the same COR group.

ATM010_20 **GENERAL GETMAIN FAILED**

Explanation ATM was unable to acquire enough storage to initialize.

Action Increase the amount of memory available to the job and restart it.

ATM012_20 **UNABLE TO ACQUIRE STORAGE FOR** *area-name*

Explanation ATM was unable to acquire enough storage for the area named.

Action Increase the amount of memory available to the job and restart it.

ATM013_20 INITIALIZATION ERROR. FUNCTION/RF: function/rf

Explanation An error occurred during the initialization of an interface to an external transaction coordinator.

Action Check the documentation for the external transaction coordinator being used to determine the meaning of the return code (value “rf”). If the cause of the problem is still not apparent, contact your Software AG support representative, noting the values of “function” and “rf”.

ATM014_20 RRMS LOGNAME CHECK FAILED

Explanation This message relates to the initialization of the ATM interface with RRMS. The ATM node ID has changed since ATM was last used with this RRMS system.

Action The node ID of the Adabas System Coordinator daemon within which the ATM transaction manager is running as a service must not be changed while there are global transactions in progress. If you have changed the Node ID and are sure that there were no incomplete global transactions, you can override this initialization error using the parameter `TMRESTART=FORCE`.

ATM015_10 RRMS LOGNAME INCONSISTENCY OVERRIDDEN

Explanation This message relates to the initialization of the ATM interface with RRMS. The node ID of the Adabas System Coordinator daemon within which the ATM transaction manager is running as a service has changed since ATM was last used with this RRMS system. However, the inconsistency was ignored because of the setting of the parameter `TMRESTART`.

Action None. This message is for information only.

ATM016_20 RRMS HAS LOST HARDENED RESTART DATA

Explanation This message relates to the initialization of the ATM interface with RRMS. Because RRMS has lost some restart data, integrity cannot be guaranteed for incomplete transactions that were under the control of RRMS.

Action If it is not possible to recover the RRMS restart data, you can use the parameter `TMRESTART` to force the ATM transaction manager to initialize. Details of any incomplete transactions are then transferred to the STJ file and can be examined using the `SYSATM` application.

ATM017_20 FAILED TO OPEN ATMLOG. RC/RF:rc/rf

Explanation The ATM transaction manager was unable to open the ATMLOG1 or ATMLOG2 dataset.

Action Check the definition of the ATMLOG1/2 datasets. If the cause of the error is not apparent, report the problem to your Software AG support representative, noting the values of “rc” and “rf”.

ATM018_20 Unexpected behavior for node dbid

Explanation The node (dbid) is expected to be an Adabas System Coordinator daemon within which an ATM transaction manager is running as a service, but its behavior is not consistent with this.

Action Check the indicated node.

ATM019_20 RRS IS NOT ACTIVE; ATM WILL WAIT AND RETRY

Explanation This message relates to the initialization of the ATM interface with RRMS. Initialization cannot complete because the RRS component of RRMS is not available.

Action Report the problem to your systems programming staff. The ATM transaction manager cannot initialize until RRS is active again.

ATM020_04 RRS EXITS HAVE BEEN SET

Explanation If the ATM transaction manager is started with the parameter TMSYNCMGR=RRMS, this message is issued when the ATM RRMS interface has been initialized.

ATM021_08 RRS RESTART FINISHED

Explanation If the ATM transaction manager is started with the parameter TMSYNCMGR=RRMS, this message is issued when ATM transaction manager finishes telling RRS how to handle any transactions that previously failed to complete.

ATM023_04 ISN: isn

Explanation This message is preceded by message ATM025 or ATM033. It indicates the ISN associated with the error.

Action Refer to the explanation of the previously issued message.

ATM024_10 ERROR DURING DB RESTART; ID/ERR: dbid/error-code

Explanation The error (error-code) occurred during restart processing for the database (dbid).

Action Refer to the descriptions of the possible error codes. If the cause of the error is not clear, report the details to your Software AG support representative, noting the values of the variables.

ATM025_10 ERROR IN ATM RESTART; ID/RSP/SUB/CMD: dbid/rsp/sub/cmd

Explanation An unexpected response code (*rsp*) was encountered during restart processing for the ATM transaction manager (dbid). The response code, subcode (*sub*), and command code (*cmd*) are provided. An ATM023 message may follow, providing an associated ISN.

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the values of the variables.

ATM026_10 ERROR DURING ATM RESTART; ID/ERR: dbid/error-code

Explanation The error (error-code) occurred during restart processing for the partner ATM transaction manager (dbid).

Action Refer to the descriptions of the possible error codes. If the cause of the error is not clear, report the details to your Software AG support representative, noting the values for the variables.

ATM027_10 ATM RESTART. MAX PARTNERS EXCEEDED. USER userid

Explanation The maximum number of partner ATM transaction managers indicated by the parameter TMNODES is not sufficient to perform restart processing for incomplete transactions.

The error occurred while ATM was attempting restart processing for the user whose Client ID is "userid". This message is followed by an ATM087 message providing the user's 28-byte Communication ID.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by the error.

Action Set the TMNODES parameter and restart the ATM transaction manager.

ATM028_10 DB RESTART. MAX TARGETS EXCEEDED. USER userid

Explanation ATM is unable to perform restart processing for an incomplete transaction because the number of databases involved in the transaction exceeds the maximum possible.

The error was detected while ATM was attempting restart processing for the user whose Client ID is "userid". This message is followed by an ATM087 message providing the user's 28-byte Communication ID.

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by the error.

Action Contact your Software AG support representative.

ATM029_10 PARTNER/DB RESTART ABORTED; ID/ERR: dbid/error-code

Explanation The error indicated occurred during restart processing associated with the database or ATM identified by "dbid".

The transaction manager continues to execute, but cannot complete restart processing for transactions affected by this error.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM030_10 ERROR DURING TRAN RESTART; ID/ERR//COMMID: dbid/error-code

Explanation The error indicated occurred during restart processing for an incomplete transaction. The database associated with the error is identified by "dbid".

The message is followed by an ATM032 message giving the Client ID of the transaction's owner, and an ATM087 message giving the user's 28-byte Communication ID.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM031_10 ERROR DURING BRANCH RESYNC; ID/ERR//COMMID: dbid/error-code

Explanation The error indicated occurred while ATM was attempting to synchronize restart for an incomplete transaction branch with a partner ATM transaction manager. The partner transaction manager associated with the error is identified by “dbid”.

The message will be followed by an ATM032 message giving the Client ID of the transaction’s owner, and an ATM087 message giving the user’s 28-byte Communication ID.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM032_10 RESTART ERROR FOR USER userid

Explanation This message refers to a previous error message and gives the Client ID of the user associated with the previous error.

Action Refer to details for the preceding message.

ATM033_10 ERROR DURING DB RESTART; ID/RSP/SUB/CMD: dbid/rsp/sub/cmd

Explanation An unexpected response code was encountered during restart processing for database *dbid*. The response code, subcode, and command code are provided. An ATM023 message may follow, providing an associated ISN.

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the value of the variables.

ATM034_10 Register failure for xxxxx: DB/rsp/sub/RC: dbid/rsp/sub/cmd

Explanation An unexpected condition was encountered when the transaction manager attempted to register an event with the SYSCO daemon. The type of event is identified by ‘xxxxx’.

Action Please contact your Software AG support representative, noting the values of the variables given in the message.

ATM036_08 Transaction Manager initialization started

Explanation This message appears during the initialization of an ATM transaction manager, and indicates that initialization of the transaction manager’s environment has started.

Action None. This message is for information only.

ATM037_08 COR GROUP/DAEMON: group/jobname

Explanation This message is issued by an ATM transaction manager at the end of its initialization process. It identifies the Adabas System Coordinator group that the transaction manager is associated with, and the job name of its COR daemon.

Action None. This message is for information only.

ATM038_00 FURTHER RESTART ERROR MESSAGES WILL BE SUPPRESSED

Explanation This message is issued during ATM restart when the transaction manager has issued 100 error messages. It indicates that any further errors encountered during the restart process will be suppressed.

Action None. This message is for information only.

ATM039_04 TRANSACTION RESTART NOT POSSIBLE FOR DB dbid

Explanation This message is preceded by message ATM025. It indicates that serious errors prevent the transaction manager from restarting affected transactions.

Action Correct the error reported in the ATM025 message; then restart the database indicated in the message.

ATM040_00 TRANSACTION RESTART DEFERRED FOR INACTIVE DB dbid

Explanation This message might be issued during an transaction manager's restart processing. Incomplete transactions exist that involve the database indicated. It is not possible for the transaction manager to resolve them because the database is not available.

Action This message is for information only. Restart processing for such transactions occurs when the indicated database is restarted.

ATM041_00 TRANSACTION RESTART DEFERRED FOR INACTIVE NODE dbid

Explanation This message might be issued during an transaction manager's restart processing. Incomplete transactions exist that involve the partner transaction manager indicated by "dbid". It is not possible for the TM to resolve them because the partner TM is not active.

Action This message is for information only. Restart processing for such transactions occurs when the indicated TM is restarted.

ATM042_10 NUMBER OF WARNING MESSAGES SUPPRESSED: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing if the number of error messages during restart processing exceeded 100.

Action This message is for information only.

ATM043_04 TRANSACTIONS COMPLETED DURING RESTART: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of previously incomplete transactions that were completed (by completing the commit process) during ATM restart processing.

Action This message is for information only.

ATM044_04 TRANSACTIONS BACKED OUT DURING RESTART: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of previously incomplete transactions that were backed out during ATM restart processing.

Action This message is for information only.

ATM045_04 TRANS/BRANCHES PENDING AFTER RESTART: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of incomplete transactions or transaction branches that could not be completed or backed out during ATM restart processing, and so remain incomplete. These transactions remain incomplete until they can be completed or fully backed out.

Note:

This message is issued before the transaction manager attempts to resynchronize incomplete transactions that are controlled by the CICS syncpoint manager or by RRS.

Action This message is for information only.

ATM046_04 TRANS/BRANCHES TRANSFERRED TO STJ: count

Explanation This message is issued by an ATM transaction manager at the end of restart processing. It indicates the number of incomplete transactions or transaction branches that could not be completed or backed out during the daemon recovery restart processing, and that were removed and recorded in the suspect transaction journal file in the transaction manager's recovery file. The number indicated should be zero unless the TMRESTART parameter indicates a forced restart.

Action This message is for information only.

ATM047_20 ATM INITIALIZATION FAILED, error description

Explanation A serious error prevented the transaction manager from initializing. Where possible an error description is provided to identify the cause of the error, otherwise "RC/RF" error codes are displayed.

Action If the reason for the failure is not clear please contact your Software AG support representative.

ATM048_08 INITIALIZED, Vvers, SESSION sess

Explanation This message marks the successful completion of an ATM transaction manager's initialization processing. The version, release, and maintenance level of ATM are displayed, followed by the session number (sess) for this execution of the transaction manager.

Action This message is for information only.

ATM049_04 ERRORS READING RECOVERY RECORDS: count

Explanation This message appears at the end of the transaction manager's initialization processing if any errors were encountered reading recovery records.

Action The message is for information only. For information about the errors encountered, refer to the error messages that precede this message.

ATM050_20 'SIGN-OFF' FAILED, RESPONSE CODE *rsp*

Explanation This message can appear during the closedown process of a nucleus that was running with DTP=RM. It indicates that the nucleus called the local ATM transaction manager to notify it of the closedown, but the command failed with response code *rsp*.

Action Nucleus termination will continue. Any incomplete global transactions will be resynchronized when the nucleus next communicates with the ATM transaction manager.

ATM051_20 'SIGN-OFF' FAILED, ERROR CODE *error-code*

Explanation This message can appear during the closedown process of a nucleus that was running with DTP=RM. It indicates that the nucleus called the local ATM transaction manager to notify it of the closedown, but ATM returned the error code "error-code".

Action Check the meaning of the given error code, to see if ATM needs any corrective action. Nucleus termination will continue. Any incomplete global transactions will be resynchronized when the nucleus next communicates with the transaction manager.

ATM052_20 PROTOCOL ERROR. ATM NOT INITIALIZED.

Explanation This message is issued if an ATM transaction manager receives an operator command before it has completed its initialization processing.

Action Wait, and re-issue the command later.

ATM054_20 HANDSHAKE ERROR; ID/RSP/SUB/CMD: dbid/rsp/sub/cmd

Explanation An error occurred while the transaction manager was trying to handshake with the partner transaction manager identified by “dbid”. The error was an unexpected Adabas response code (*rsp*). The subcode (*sub*) and command code (*cmd*) are provided.

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the values of the variables.

ATM055_20 HANDSHAKE ERROR; ERR/QERR: error-code/queue-error

Explanation An error occurred while the transaction manager was attempting to handshake with a partner transaction manager. The error code and, if applicable, a queue management error are provided.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM057_10 NO FREE SLOTS IN queue-area

Explanation The indicated queue area is full.

Action Increase the relevant parameter and restart the Transaction Manager. If the indicated queue area has no associated runtime parameter, the error was most likely caused by shortage of memory. In this case, increase the amount of memory available to the Transaction Manager and restart it.

ATM058_10 MIXED TRANSACTION STATUS/RESULT REPORTED BY ATM dbid

Explanation The transaction manager was attempting restart processing for incomplete transactions involving the partner transaction manager “dbid”, which was restarting. The partner transaction manager reported an inconsistent transaction status (partly committed, partly backed out). Subsequent messages identify the owner of the transaction.

Likely causes include the following:

- Some Adabas nucleus heuristically terminated its part of a global transaction.
- Some ATM transaction manager was started with `TMRESTART={FORCE | FORCEALL}`.
- A transaction branch was forcibly terminated on request from an online services user or operator.
- Some database was restored to a status that is inconsistent with the status of other databases in the network.
- Pending restart information in some database was discarded (for example, by formatting Work or by starting with `ADARUN IGNDTP=YES`).

Action In some of the above cases, details of the transaction (branch) might be found in an ATM transaction manager’s suspect transaction journal (STJ) file. Otherwise, use Online Services or application-specific checks to determine the status of the transaction.

ATM059_10 MIXED TRANSACTION STATUS/RESULT; DBID dbid

Explanation ATM was attempting restart processing for incomplete transactions involving the indicated database, which was restarting. The transaction manager detected an inconsistent transaction status (partly committed, partly backed out). Refer to message ATM058 for likely causes.

Action Use Online Services or application-specific checks to determine the status of the transaction.

ATM060_10 CONFLICTING TRANSACTION STATUS REPORTED BY ATM/DB dbid

Explanation ATM was attempting restart processing for incomplete transactions involving the partner ATM transaction manager or database indicated by “dbid”, which was restarting. The ATM transaction manager detected an inconsistent or unknown transaction identifier (XID). Subsequent messages provide further information.

Action Use Online Services or application-specific checks to determine the status of the transaction.

ATM061_10 MIXED TRANSACTION STATUS FOR USER userid

Explanation This message indicates the Client ID of the owner of the transaction associated with a previous ATM058 or ATM059 message.

Action Refer to the explanation of the preceding message.

ATM062_10 CONFLICTING TRANSACTION STATUS FOR USER userid

Explanation This message indicates the Client ID of the owner of the transaction associated with a previous ATM060 message.

Action Refer to the explanation of the preceding message.

ATM063_10 ERROR UPDATING PRR; RSP/SUB/CMD: rsp/sub/cmd

Explanation The ATM transaction manager received an unexpected response code while attempting to update a recovery record in its recovery file. The message gives the response code (rsp), subcode (sub), and command code (cmd).

Action If the cause of the error is not clear from the description of the response code, report the details to your Software AG support representative, noting the values of the variables.

ATM064_10 ERROR UPDATING PRR; ERR: error-code

Explanation The ATM transaction manager encountered the indicated error code while attempting to update a recovery record in its recovery file.

Action Refer to the descriptions of the possible error codes. If the cause of the error is not apparent, report the details to your Software AG support representative, noting the error code.

ATM067_10 UNSUPPORTED FUNCTION

Explanation The transaction manager received a function call that is not valid.

Action Contact your Software AG support representative.

ATM068_04 QUIESCING TRANSACTIONS FOR DB dbid

Explanation The transaction manager is attempting to complete (commit or back out) all active global transactions that involve the indicated database in response to

- a request from an Online Services user; or
- an ADAEND command issued to the indicated database.

Action This message is for information only.

ATM069_10 TRANSACTIONS CANNOT BE QUIESCED. DB/ERR: dbid/err

Explanation The indicated error occurred while the transaction manager was trying to quiesce transactions involving database “dbid”. As a result, ATM was unable to complete one or more transactions.

Action Refer to the descriptions of the possible error codes. If the appropriate action is not clear, contact your Software AG support representative.

ATM070_10 LOCAL TRAN(S) STILL IN DOUBT ON DB dbid

Explanation ATM attempted to complete (commit or back out) all active global transactions that involve the indicated database, but at the end of the process, at least one transaction or transaction branch involving the database remained active.

Action This message may be preceded or followed by messages requiring action. If so, refer to the explanations of those messages.

ATM071_10 FOLLOWING TMS IN ERROR: id-list

Explanation While the ATM transaction manager was attempting to quiesce transactions on a database, it asked one or more partner managers to do the same, but one or more of them returned an unexpected error. The message lists up to four partner transaction managers that failed to carry out its request.

Action Use Online Services to check the status of the indicated ATM nodes and, if necessary, to quiesce each transaction manager’s transactions for the required database.

ATM072_10 HEURISTIC TERMINATIONS MAY RESULT

Explanation This message is preceded by message ATM068 and one or more of the messages ATM069, ATM070, and ATM071.

The database indicated in message ATM068 received an ADAEND command and asked ATM to quiesce its global transactions. At the end of the process, at least one transaction or transaction branch involving the database remained active.

Any such transaction or transaction branch is heuristically terminated when its TT time limit expires, which could result in mixed completion of the related global transactions.

Action This message warns of the impending loss of global transaction integrity for those global transactions that are still active.

Use Online Services to identify the transactions that could not be quiesced.

Any transaction that remains active when its TT time limit expires is heuristically committed. To prevent this, if appropriate, use Online Services to forcibly back out any such transaction.

ATM073_10 DB ACTIVITY NOT QUIESCED. CHECK ATM MANAGER nodeID

Explanation A DTP=RM nucleus that received an ADAEND command requested the transaction manager with the indicated Node ID to quiesce its global transactions. The request failed.

Action Check that the indicated transaction manager is active, and check for error messages issued by it. Use Online Services to ask the transaction manager to quiesce transactions on the database.

ATM074_10 RRMS REPORTED ERROR. FNC/RF/COMMID: fnc/rf/comm-id

Explanation A problem was encountered with a transaction that is (or should be) under the control of RRMS. The RRMS function in error and its return code (values "fnc" and "rf") are provided, together with the 28-byte Communications ID of the user who owns the transaction.

Action Check the RRMS documentation to determine the meaning of the return code (value "rf"). If the cause of the problem is still not apparent, contact your Software AG support representative, noting the values of "fnc" and "rf".

ATM075_10 RRMS REPORTED EXIT MANAGER UNAVAILABLE

Explanation ATM is interfacing to RRMS and has been notified that one of the RRMS exit managers has become unavailable. ATM continues to interface to RRMS once the exit manager has restarted.

Action Report the problem to your systems programming staff.

ATM076_10 RRMS REPORTED EXITS UNSET. REASON: rrrr

Explanation ATM is interfacing to RRMS and has been notified that its exits have become unavailable.

Action Check the console log for other messages that may indicate the cause of the problem. Check the RRMS documentation to determine the meaning of the reason code (value "rrrr"). If possible, correct the problem and restart ATM. If the cause of the problem is not apparent, contact your Software AG support representative, noting the value of "rrrr".

ATM077_10 RRS EXIT FAILED. X: xx R: rr AB: aaaaaaaa ABR: nnnnnnnn

Explanation ATM is interfacing to RRMS and an error has occurred in one of its exit routines. The message details the exit number ("xx"), failure reason ("rr"), ABEND code ("aaaaaaa") and reason code ("nnnnnnnn").

Action If the cause of the problem is not apparent from the details of the message, contact your Software AG support representative, noting all the values given in the message.

ATM078_10 EXTERNALLY-OWNED TRANSACTION INCOMPLETE. DB/TC: dddd/cccc

Explanation A database is trying to shut down in response to an ADAEND command; the ATM transaction manager has been asked to quiesce any transactions that involve the database, but has been unable to complete the process because at least one of those incomplete transactions is under the control of an external transaction coordinator. The database will not shut down until all global transactions are completed or backed out. The message identifies the database that is being shut down (value "dddd") and the external transaction coordinator (value "cccc").

Action Use the facilities of the external transaction coordinator to force the completion or removal of the incomplete transactions. The transactions can be identified by the Online Services application.

ATM080_08 'STOP ALL USERS' REQUESTED BY USER userid

Explanation An Online Services user issued a "stop all transactions" request. "Userid" is the last 8 bytes of the user's Communication ID.

Action This message is for information and audit purposes only.

ATM081_08 'FORCE STOP ALL USERS' REQUESTED BY USER userid

Explanation An Online Services user issued a "force stop all transactions" request. "Userid" is the last 8 bytes of the client session's Communication ID.

Action This message is for information and audit purposes only.

ATM082_08 SELECTIVE MASS STOP USERS REQUESTED BY USER userid

Explanation An Online Services user issued a selective mass "stop transactions" request. "Userid" is the last 8 bytes of the user's Communication ID.

Action This message is for information and audit purposes only.

ATM083_08 FORCED SELECTIVE MASS STOP USERS REQUESTED BY USER userid

Explanation An Online Services user issued a "forced selective mass stop transactions" request. "Userid" is the last 8 bytes of the user's Communication ID.

Action This message is for information and audit purposes only.

ATM084_10 TRANSACTION BRANCH FORCIBLY COMPLETED. COMMID: commid

Explanation In response to a "forced stop transactions" request from an Online Services user, ATM forced completion of the local branch of the transaction belonging to the client whose ID appears in the following ATM087 message. If the transaction had previously been prepared, ATM committed the branch; otherwise, ATM backed out the branch.

Action This message is for information and audit purposes only.

ATM085_10 TRANSACTION DETAILS TRANSFERRED TO JOURNAL. COMMID: commid

Explanation In response to a "forced stop transactions" request from an Online Services user, the ATM transaction manager purged the transaction (branch) belonging to the client whose ID appears in the following ATM087 message. Details of the transaction (branch) can be found in the ATM suspect transaction journal file.

Action This message is for information and audit purposes only.

ATM086_10 RECOVERY RECORD DELETED FOR COMMID: commid

Explanation In response to a request from an Online Services user, the ATM transaction manager purged from its recovery file, recovery information relating to the client whose ID appears in the following ATM087 message.

Action This message is for information and audit purposes only.

ATM087_10 commid

Explanation This message relates to the message(s) immediately preceding it, and gives the 28-byte Communication ID (commID) of the client session associated with the earlier message(s).

Action Refer to the explanation of preceding message(s).

ATM088_10 ERROR TRANSFERRING TO STJ

Explanation This message might be issued during forced restart of an ATM transaction manager, and indicates that a transaction that could not be completed could not be moved to the suspect transaction journal file. Subsequent messages provide more details of the error.

Action Refer to explanation of following message(s).

ATM089_10 DATA TRANSFERRED TO STJ FOR USER userid

Explanation This message might be issued during forced restart of an ATM transaction manager, and indicates that a transaction that could not be completed has been moved to the suspect transaction journal file. "Userid" is the Client ID of the transaction's owner.

Action This message is for information and audit purposes only.

ATM090_04 FORCED PRR DELETION REQUESTED BY USER userid

Explanation The specified user forcibly deleted a recovery record from the ATM transaction manager's recovery file using the Online Services application. "userid" is the last 8 bytes of the user's Communication ID.

Action The message is for information and audit purposes only.

ATM091_04 PRR DELETION FOR COMMID:

Explanation A recovery record was deleted from the ATM transaction manager's recovery file using the Online Services application. The Communication ID of the associated user is reported in an ATM087 message immediately after the ATM091 message.

Action The message is for information only.

ATM092_10 URID: urid

Explanation This messages relates to the ATM136 message that immediately precedes it. It identifies the URID of the CICS unit of work that the ATM136 message relates to.

Action Refer to the explanation of the ATM136 message.

ATM095_08 COMMAND NOT RECOGNIZED

Explanation An invalid operator command was entered.

Action Issue the command correctly.

ATM099_08 ATM CLOSEDOWN REQUESTED

Explanation The operator entered the command ATM END.

Action This message is for information only.

ATM100_08 ATM IMMEDIATE CLOSEDOWN REQUESTED

Explanation The operator entered the command ATM HALT.

Action This message is for information only.

ATM101_08 ATM CLOSEDOWN PROCESS STARTED

Explanation The transaction manager is in the process of closing down.

Action This message is for information only.

ATM102_10 DB CLOSEDOWN ERROR; ID/RSP/SUB/RC: dbid/rsp/subcode/rc

Explanation An ADAEND command was entered for the database “dbid”, but the transaction manager encountered an unexpected condition during the close-down sequence. Either a response code and subcode will be given (“rsp/subcode”), or an ATM error code (“rc”).

Action Refer to the description of the Adabas response code or the ATM error code. If the appropriate action is not clear, contact your Software AG support representative.

ATM103_08 TM END PENDING, INCOMPLETE TRANSACTIONS REMAIN

Explanation An ATM END operator command was issued but the transaction manager is unable to close down immediately because of incomplete global transactions. Under these circumstances, ATM103 messages are issued for the first five of these incomplete transactions, each message displaying the client’s job-name, job-number and last 8 bytes of the communication ID. These messages are repeated at 60 second intervals until the transactions are completed and close down occurs.

Action Wait for the incomplete transactions to be resolved, or use the ATM HALT command to cause the transaction manager to terminate immediately, leaving the incomplete transactions to be resolved the next time it is activated.

ATM104_10 MEMORY SHORTAGE; ADAEND PROTOCOL MIGHT BE AFFECTED

Explanation This messages can appear when a DTP=RM database is started. It indicates that certain memory areas could not be acquired. Database processing should not be affected by this condition. However, there is a possibility that the closedown protocol that happens when ADAEND is issued to the database will not proceed as normal; this could increase the risk of heuristically terminated transactions.

Action Make more memory available to the database job and restart it.

ATM105_08 ATM closedown process ended

Explanation The transaction manager has finished its closedown process.

Action This message is for information only.

ATM106_04 Adabas RM *dbid* connection, type Peer TM *nodeid* connection

Explanation This message is issued by a transaction manager approximately five minutes after start-up and hourly thereafter. It displays a list of known databases (*dbid*) and peer transaction managers (*nodeid*). A DTP=RM database is identified by the characters "RM" and the connection type may be one of the following:

Local – the database is within the scope of the System Coordinator group name and is local to this transaction manager.

Remote – the database is within the scope of the System Coordinator group name and is remote to this transaction manager

External - the database is not within the scope of the System Coordinator group name.

Action This message is for information only.

ATM110_04 SESSION STATISTICS:

Explanation This message is issued during transaction manager termination. Statistical messages follow.

Action This message is for information only.

ATM119_04 STATISTICS HAVE BEEN RESET

Explanation This message is issued when the transaction manager's statistics are reset to zero, in response to an ATM RSTAT operator command or an equivalent request from an Online Services user.

Action This message is for information only.

ATM120_04 DB *dbid* waiting for Transaction Manager connection

Explanation This message is issued by a DTP=RM database that is initializing. The nucleus is required to connect to the local Transaction Manager for distributed transaction processing which has not yet occurred, initialization continues but participation in distributed transactions is not yet possible.

Note:

In the case of a DTP=RM nucleus which is part of an Adabas Parallel Services cluster or an Adabas Cluster Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, "NC *dbid* waiting for ...".

Action This message is for information only, connection will occur automatically when the TM is ready.

ATM121_10 DB dbid ATM82 (and above) - TM now runs in COR Daemon, DB dbid Normal termination of this node is scheduled

Explanation This message is issued when a database is started with ADARUN DTP=TM. This method of identifying a Transaction Manager is no longer applicable, it is only required for previous releases of ATM. The database will terminate normally.

Action Review the installation procedure for the correct way to install the Transaction Manager so that it runs in the Adabas System Coordinator daemon.

ATM122_20 DTP operation FAILED, DB/TM/RSP/SUB/RC: dbid/tmid/rsp/sub/rc

Explanation This message can be issued by a database for which the ADARUN parameter DTP=RM was specified, or by the ATM transaction manager. It can appear during an attempt to sign a database on to a transaction manager for distributed transaction processing, or to sign the database off, as indicated by "operation". "Sign-on" can happen during initialization of a transaction manager or when the database is started. "Sign-off" happens when the database is terminated. The message indicates that an unexpected condition was detected. It includes the "dbid" of the database, the node ID ("tmid") of the transaction manager, and might also contain a response code ("rsp"), subcode ("sub") and return code ("rc") for the error.

Action If this message indicates sign-on and is followed by an ATM124 message from the database identified in the message detail, this indicates that the error condition was transient, and that the DTP sign-on has now taken place. If there is no ATM124 message, and if the cause of the error is not clear from the description of the response code, subcode and return code, report the details to your Software AG support representative, noting the values of the variables in the message. If the message indicates sign-off, it is given for information only.

ATM124_04 DB dbid connected with Transaction Manager node *nodeid*

Explanation This message is issued by a DTP=RM database when it is initializing. The nucleus has connected with the local Transaction Manager (*nodeid*) for distributed transaction processing.

Note:

In the case of a DTP=RM nucleus which is part of an Adabas Parallel Services cluster or an Adabas Cluster Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, "NC dbid connected with ...".

Action This message is for information only.

ATM125_10 ATM NOT ACTIVE. ADAEND CANNOT COMPLETE.

Explanation An ADAEND command was entered for database "dbid", but the normal process of quiescing open transactions could not occur because the transaction manager was not active. The database does not close down.

Action Activate the transaction manager and use the Online Services application to quiesce any open transactions on the database. When you are sure that all global transactions involving the database have been completed or backed out, you can close down the database with a HALT command.

Caution:

If you issue a HALT command while there are incomplete global transactions, the integrity of those transactions can no longer be guaranteed.

ATM126_04 RM disconnected — no unresolved transactions: *dbid*

Explanation The ATM transaction manager issues this message when a DTP=RM database identified by "dbid" terminates with no outstanding transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value "dbid" might have the form "Nuc nnnnn", where nnnnn is the ID of the terminating nucleus.

Action This message is for information only.

ATM127_04 RM disconnected — unprepared transactions remaining: *dbid*

Explanation The ATM transaction manager issues this message when a DTP=RM database identified by "dbid" terminates with outstanding unprepared transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value "dbid" might have the form "Nuc nnnnn", where nnnnn is the ID of the terminating nucleus.

Action This message is for information only.

ATM128_04 RM disconnected — prepared transactions remaining: *dbid*

Explanation The ATM transaction manager issues this message when a DTP=RM database (*dbid*) terminates with outstanding prepared transactions involving the database. If the terminating database is part of an Adabas Parallel Services or Adabas Cluster Services cluster, the value “*dbid*” might have the form “Nuc *nnnnn*”, where *nnnnn* is the ID of the terminating nucleus.

Action In the case of a normal database, restart the database with DTP=RM. If the message identifies a nucleus within an Adabas Parallel Services or Adabas Cluster Services cluster, and there is another nucleus in the cluster which is still executing, no action is necessary; otherwise, restart a member of the cluster, with DTP=RM.

Caution:

If the database is started with DTP=NO, data integrity cannot be guaranteed.

ATM129_04 DB *dbid* connecting with Transaction Manager node *nodeid*

Explanation This message is issued by a DTP=RM database that is initializing. The nucleus is connecting with the local Transaction Manager (*nodeid*) for distributed transaction processing.

Note:

In the case of a DTP=RM nucleus which is part of an Adabas Parallel Services cluster or an Adabas Cluster Services cluster, the message gives the ID of the nucleus, not the database number of the cluster, and begins, "NC *dbid* connecting with ...".

Action This message is for information only.

ATM130_20 ATM PROXY INITIALIZATION FAILED

Explanation This message can be issued by a job or TP system for which the client runtime control ATM=ON has been specified. It indicates a fatal error which prevented the ATM client proxy from initializing.

Action Check for earlier messages which might indicate the reason for the failure. If the cause of the error is not clear, contact your Software AG support representative.

ATM131_10 RMI RESYNC ERROR. SYS/RC/RC2 sys/rc/rc2

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the System ID of the CICS system (value “sys”), a CICS or ATM error code (value “rc”), and possibly a secondary return code or Adabas response code (value “rc2”).

Action Refer to the descriptions of the possible error codes. If possible, correct the error and restart the ATM transaction manager; otherwise report the details to your Software AG support representative.

ATM132_10 RMI RESYNC ERROR. SYS/CD/RSP sys/cd/rsp

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the System ID of the CICS system (value “sys”), a CICS command or function name (value “cd”), and CICS response code (value “rsp”).

Action Refer to the CICS documentation for an explanation of the error condition. If possible, correct the error and restart CICS; otherwise report the details to your Software AG support representative.

ATM133_10 RMI SYNCPOINT ERROR. URID urid

Explanation An error occurred during syncpoint processing of a transaction that was under the control of the CICS syncpoint manager. The CICS Unit-of-Recovery ID (value “urid”) belonging to the transaction is displayed.

Action This message is followed by message ATM134, which gives more information about the error.

ATM134_10 RMI SYNCPOINT ERROR. SYS/RC/RSP sys/rc/rsp

Explanation This message follows message ATM133 and provides details of an error that occurred during syncpoint processing under the control of the CICS syncpoint manager. The message provides the System ID of the CICS system (value “sys”), an ATM error code (value “rc”), and, depending on the ATM error code, a CICS or Adabas response code (value “rsp”).

Action Refer to the relevant documentation for an explanation of the error condition. If the cause is not then apparent, report the details to your Software AG support representative.

ATM135_10 RMI RESYNC ERROR. APP/CD/RSP app/cd/rsp

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the Application ID of the CICS system (value “app”), a CICS command or function name (value “cd”), and an error code (value “rsp”). If the error code begins with the character “R”, the remaining digits are an ATM error code; otherwise the value of “rsp” is a CICS response code.

Action Refer to ATM error codes or to the CICS documentation, as appropriate, for an explanation of the error condition. If possible, correct the error and restart CICS and, if necessary, the ATM transaction manager; otherwise report the details to your Software AG support representative.

ATM136_10 RMI RESYNC ERROR. APP/RC app/rc

Explanation An error occurred during the synchronization process that takes place during ATM or CICS restart when the CICS Resource Manager Interface is in use. The message provides the Application ID of the CICS system (value “app”) and an ATM error code (value “rc”). This message may be followed by an ATM092 message indicating the URID of the CICS unit of work for which the error occurred.

Action Refer to the descriptions of the possible error codes. If possible, correct the error and restart the ATM transaction manager; otherwise report the details to your Software AG support representative.

ATM137_10 EXCI COMMAREA COULD NOT BE ADDRESSED

Explanation An internal error occurred during the synchronization process that takes place during ATM restart when the CICS Resource Manager Interface is in use.

Action Report the error to your Software AG support representative. You may bypass the problem by restarting your CICS systems after the ATM transaction manager has initialized.

ATM138_10 RMI RESYNC ISSUED. SYS sys

Explanation This message can appear during restart of an ATM transaction manager or a CICS system in an environment in which some transactions are controlled by the CICS Syncpoint Manager. It indicates that resynchronization processing will be carried out for incomplete transactions controlled by the CICS system with the System ID “sys”.

Action This message is for information only.

ATM139_10 RMI resync complete. Sys sys

Explanation This message appears in an environment in which some transactions are controlled by the CICS Syncpoint Manager. The message follows restart of an ATM transaction manager or a CICS system and indicates that the synchronization process has executed for incomplete transactions controlled by the CICS system with the System ID "sys".

Action This message does not necessarily indicate that every incomplete transaction was resolved satisfactorily. Check the console log for other messages which might indicate a problem.

ATM140_10 ATM PROXY DETECTED cmd DB dbid RSP rsp AD2 Xadditions-2

Explanation This message is issued by the ATM client proxy for the first ATM-related error incurred by each client session. The message can include a command code, Database ID, response code and Additions-2 data, providing further information about the error. This message is followed by ATM087 messages which give the 28-byte Communication ID of the client session, first in character form, and then in hexadecimal.

Action Check the meaning of the indicated response code and Additions-2 data. If the cause of the error is not apparent, contact your Software AG support representative, noting all the values given in the message.

ATM141_04 DTP DISABLED FOR THIS JOB BY RUNTIME CONTROL

Explanation This message is issued by the ATM client proxy. It indicates that client sessions executing within this job have been exempted from distributed transaction processing by the setting of a client runtime control.

Action This message is for information only.

ATM144_08 SYSTEM COORDINATOR GROUP NAME NOT SPECIFIED

Explanation This message can be issued by a client job. It indicates that the ATM client runtime controls in effect for this job do not include the name of an Adabas System Coordinator Group. ATM processing will not be activated for the job.

Action Use the Online Services application to specify the name of the System Coordinator Group in which the job will execute.

ATM160_10 SYSCO DAEMON ERROR; ID/RSP/SUB/FNC/SBF/ERR: id/rsp/sub/fnc/sbf/err

Explanation This message can appear during restart of an ATM transaction manager. It indicates that a call to an Adabas System Coordinator daemon returned an unexpected result. The message will include at least some of the following: the Node ID (id) of the Adabas System Coordinator daemon, the response code (rsp) and subcode (sub) returned by the Adabas System Coordinator daemon, the function and subfunction codes of the call (fnc and sbf), and an error code (err).

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM163_04 ERROR DELETING PER; RSP/SUB/CMD: rsp/sub/cmd

Explanation This message indicates that an error occurred while deleting a Persistent Error Record. The message contains the following diagnostic information: a response code and subcode (rsp and sub) and a command code (cmd).

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM164_04 ERROR DELETING PER; ERR: err

Explanation This message indicates that an error occurred while deleting a Persistent Error Record. The message contains an ATM error code (err).

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM167_10 MTR PROCESSING ERROR; ID/ERR/RSP/SUB/CMD: id/err/rsp/sub/cmd

Explanation This message indicates that an error occurred while processing a migrated transaction record in an Adabas Cluster Services or Parallel Services environment. The message will contain at least some of the following diagnostic information: a database or Node ID (id), an error code (err), a response code and subcode (rsp and sub) and a command code (cmd). The user's transaction is backed out, and a pending response code 9 (ADARSP009), subcode 77 is set.

Action If the cause of the error is not apparent from the description and content of the message, contact your Software AG support representative.

ATM168_10 CLIENT MIGRATED, BUT NO MTR FILE DEFINED

Explanation This message indicates that a client session that had an open transaction has been migrated from one node to another within a cluster (for example, CICSplex), but ATM cannot handle this session's transaction safely because no Migrated Transaction Record (MTR) file has been defined. The transaction is backed out, and a pending response code 9 (ADARSP009), subcode 77 is set.

Action Define and create an MTR file, and restart the ATM transaction managers and clustered application environments in the COR group.

ATM169_10 MTR FILE IS NOT DEFINED

Explanation This is a warning message, and it can appear during initialization of an ATM transaction manager. It indicates that no Migrated Transaction Record (MTR) file definition was found. An MTR file is required if you use application environments in which a client session that is not at global transaction status can be migrated around a cluster (for example, CICSplex, with ATM client runtime control `TransactionModel` set to `DYNAMIC`).

Action If your application environments are such that no MTR file is needed, you can ignore this message, or suppress it by making a dummy MTR file definition using `SYSCOR`. Otherwise, define and create an MTR file, and restart the ATM transaction managers and clustered application environments in the COR group.

ATM171_08 TM tmid STARTING TRANSACTION FLUSH

Explanation This message can be issued by a `DTP=RM` database when the database has received an `ADAEND` command. It indicates that the Transaction Manager with the given ID (`tmid`) is attempting to terminate any incomplete global transactions that have changed the database, so that the database can terminate cleanly. This message should be followed by either an ATM172 or an ATM173 message, indicating whether or not all relevant transactions were terminated.

Action This message is for information only.

ATM172_10 TM tmid DID NOT COMPLETE TRANSACTION FLUSH

Explanation This message might be issued by a DTP=RM database after message ATM171. It indicates that the Transaction Manager with the given ID (tmid) was not able to terminate all global transactions that have changed the database. This might mean that a superior TM or external transaction co-ordinator has not indicated what the outcome of a transaction should be.

Action Use the Online Services application to identify the offending transactions. If possible, resolve any such transaction through the co-ordinator that controls the root of the transaction. If this is not possible, you might choose to use SYSATM's "stop" facility to force resolution of a transaction, if you are sure that this will not result in loss of transactional integrity.

ATM173_08 TM tmid COMPLETED TRANSACTION FLUSH

Explanation This message might be issued by a DTP=RM database after message ATM171. It indicates that the Transaction Manager with the given ID (tmid) successfully terminated all incomplete global transactions that had changed the database.

Action This message is for information only.

ATM174_10 NO TM ACTIVE

Explanation This message can be issued by a DTP=RM database when the database has received an ADAEND command. It indicates that there are incomplete, prepared transactions in the database, but the Transaction Manager that owns these transactions is not currently active. The ADAEND process cannot complete until the incomplete transactions have been resolved.

Action Restart the inactive Transaction Manager.

ATM177_08 Transaction Manager waiting for TM agent node: *nodeid*

Explanation This message is issued when a transaction manager has restarted following a previous abnormal termination after which a peer transaction manager was established as its agent. This transaction manager has notified the agent (*nodeid*) of its restart but must wait for the agent to relinquish its agent role.

Action This message is for information only.

ATM178_08 Agent processing relinquished for node: *nodeid*

Explanation This message is issued when a transaction manager has relinquished its agent role at the request of a peer transaction manager (*nodeid*) which is restarting.

Action This message is for information only.

ATM179_08 Agent initialization successful for node: *nodeid*

Explanation This message is issued when a transaction manager successfully initializes as an agent for a peer transaction manager (*nodeid*) which has terminated abnormally.

Action This message is for information only.

ATM180_20 Error during the opening of the recovery file: *error-code*

Explanation This message is issued when a transaction manager is started and there is a problem opening the recovery file.

Action Check the recovery file has been correctly defined according to the installation documentation. If the cause of the error is not apparent, report the details to your Software AG representative.

ATM181_08 Agent initialization started for node: *nodeid*

Explanation This message is issued when a transaction manager begins initializing as an agent for a peer transaction manager (*nodeid*) which has terminated abnormally.

Action This message is for information only.

ATM182_20 Agent initialization unsuccessful for node: *nodeid*

Explanation This message is issued when a transaction manager unsuccessfully initializes as an agent for a peer transaction manager (*nodeid*) which has terminated abnormally. Preceding messages provide further information.

Action This message is for information only. Other active peer transaction managers may also attempt agent initialization but, if none are successful, normal recovery processing will occur when the abnormally terminated transaction manager restarts.