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 it's 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 ("aaaaaaaa") 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: ddddd/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 "ddddd") 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 is 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 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.