

PLX* - ADACLU Messages

ADACLU messages apply only to Adabas nucleus cluster environments.

All of the following messages are both printed on the console and written to the DD/PRINT data set.

Each message begins with a timestamp in the format "hh:mm:ss" and a jobname.

The 'dbid' and 'nucid' are shown as five numeric characters with leading zeros.

Overview of Messages

PLX001	PLX002	PLX003	PLX004	PLX005	PLX006	PLX007	PLX014
PLX043	PLX044	PLX045	PLX046	PLX047	PLX048	PLX049	PLX050
PLX051	PLX052	PLX053	PLX054	PLX055	PLX056	PLX057	PLX058
PLX059	PLX060	PLX061	PLX062	PLX064	PLX066	PLX067	PLX068
PLX069	PLX071	PLX073	PLX074	PLX075	PLX076	PLX078	PLX080
PLX081	PLX082	PLX083	PLX084	PLX085	PLX086	PLX087	PLX088
PLX089	PLX090	PLX091	PLX092	PLX097	PLX099		

PLX001 *dbid* Acquiring new PLXCB

Explanation Having determined that no Adabas cluster control block (PLXCB) currently exists, the system is attempting to acquire a new one.

PLX002 *dbid* GETMAIN failed for PLXCB

Explanation An attempt to acquire GETMAIN space for a new Adabas cluster control block (PLXCB) failed. Whichever is attempting to start, a cluster nucleus or an ADACOM task, terminates abnormally (abends).

Action Ensure that sufficient space is available to start PLXCB and resubmit the job.

PLX003 *dbid* Cannot change number of users now *dbid* Cannot free PLXCB at this time *dbid* There are active NUCs/ADACOMs

Explanation Once the cluster is active; that is, once a nucleus or ADACOM starts, or a user issues commands to a cluster database, the NU parameter is set and cannot be changed without bringing down the entire cluster, changing the parameter value, and restarting.

Action If you need to change the NU parameter value, terminate all cluster nuclei, ADACOMs, and users and restart.

PLX004 *dbid Freeing old PLXCB*

Explanation The NU parameter value is being changed. The old environment is being freed.

PLX005 *dbid Processed NU=O request*

Explanation The system has processed the NU=0 parameter. The old environment has been freed.

PLX006 *dbid PLXCB version is vrs*
dbid program Program level is vrs
dbid FORCE=YES detected - initialization continues
dbid This SVC/DBID combination will terminate

Explanation These messages detect when PLXCBs have a different format than programs attempting to use them. Ensures compatibility between program levels and the permanently allocated PLXCBs that continue to exist when no nuclei or ADACOMs are active.

PLX007 *dbid Max users for image number-of-users*
dbid PLXCB located at address

Explanation The Adabas cluster control block (PLXCB) has been located at the address shown in the message and contains entries sufficient for the number of users.

PLX014 **PSW key *pswkey* not compatible with PLXCB key *plxcbkey***

Explanation A previously-allocated PLXCB cannot be used because of a difference between the PSW and storage keys.

Action Run the nucleus in the PLXCB key, or delete the existing PLXCB and reallocate it in the desired key.

PLX043 *dbid Net-Work detected {up|down}*

Explanation This message occurs during initialization or whenever a nucleus detects a change of status for an Entire Net-Work. Normally only one nucleus on a system will issue this and process the change of state event. If the new state is up, it will be followed by messages PLX044, PLX048 and PLX088. PLX087 will be issued on other member nuclei.

Action No action is required for this informational message.

PLX044 *dbid System image target target established*

Explanation During initialization or whenever an Entire Net-Work becomes active, the system target is defined to it. The system target is needed to support command routing to remote systems and to update PLXCB structures on systems with no nuclei. It is issued only by the nucleus that issued PLX043 when it detected that Entire Net-Work has started.

Action No action is required for this informational message.

PLX045 *dbid Unable to allocate PLXMAP for system-target on system-name*

Explanation A PLXMAP update was received from a remote system for which there was no existing PLXMAP. A free PLXMAP slot could not be located. The update is discarded.

This may occur if systems containing cluster nuclei were removed from the sysplex and other systems containing nuclei were added.

Action If ADACOM is running, issue the DUMP PLXMAP command to examine the assignment of each PLXMAP. Contact your Software AG technical support representative for additional assistance.

PLX046 *dbid Feed{acquire|release} target target failed RSP rsp/node-subcode nucid*

Explanation A nucleus was unsuccessful when attempting to acquire or release the Entire Net-Work target. This may be either the DBID target or the system image target.

This error may occur when an Entire Net-Work becomes unavailable or when the target is not in the correct state for the action.

Action Issue the Entire Net-Work command D T to examine the target. Contact your Software AG technical support representative if you are unable to resolve the conflict.

PLX047 *dbid No suitable system found for DBID target*

Explanation Entire Net-Work must be active and there must be at least one active nucleus if the system is to hold the DBID target. A poll of all systems with active nuclei found no such suitable system.

Action Start a nucleus or Entire Net-Work on a system to which the DBID target may be assigned.

PLX048 *dbid* System *system-name* selected for DBID target

Explanation After polling systems with active nuclei, the system named in the message (*system-name*) was selected as the most suitable to hold the DBID target. It is issued only by the nucleus that issued PLX043 when it detected that Entire Net-Work has started.

Action No action is required for this informational message.

PLX049 *dbid*PLXMAP *cmd* RSP *rsp/node-subcode* from target on *system-name*

Explanation A PLXMAP update containing information about active nuclei and load-balancing information was attempted for the system named in the message (*system-name*). The update failed with the response and subcode given in the message. The command may be V2, implying the update was sent using Adabas messaging (XCF for Cluster Services) or X3, implying the update was sent using Entire Net-Work. If a PLXMAP exists for the named system, the load balancing counters and nucleus information may be cleared.

Action If you are unable to identify a cause for the error, contact your Software AG technical support representative for assistance.

PLX050 *dbid* ADACLU INIT DBID=*dbid* NUCID=*nucid*

Explanation The cluster nucleus identified by its 'nucid' for cluster 'dbid' has been initialized.

PLX051 *dbid* IDTH prefix is not valid

Explanation The IDT table header has been corrupted. The Adabas cluster terminates abnormally (abends).

Action Reinstall the Adabas SVC to reconstruct the IDT.

PLX052 *dbid* Number of IDTE entries is zero

Explanation The ID table header has been corrupted. The Adabas cluster terminates abnormally (abends).

Action Reinstall the Adabas SVC to reconstruct the IDT.

PLX053 *dbid* GETMAIN for CLUPLXB failed

Explanation GETMAIN for CLUPLXB is acquired above the 16MB line in ECSA. You have insufficient space these for CLUPLXB.

Action Increase the space available to CLUPLXB in ECSA.

PLX054 *dbid* MPM initialization failed

Explanation This is an internal error. The Adabas cluster terminates abnormally (abends).

Actions: Contact your Software AG technical support representative.

PLX055 *dbid* GETMAIN for CQXE failed

Explanation Virtual storage was insufficient to allocate the CQXE structures.

Action Increase the virtual storage available and restart the nucleus.

PLX056 *dbid* Dataspace/S64 acquisition failed

Explanation The Adabas Parallel Services nucleus was unable to connect to a storage object. Further details are available in the associated ADACOM job's messages.

Action If the cause is not clear after examining the messages in the associated ADACOM, notify your Software AG technical support representative.

PLX057 *dbid* Dataspace/S64 delete failed

Explanation The Adabas Parallel Services nucleus was unable to delete a storage object. Further details are available in the associated ADACOM job's messages.

Action If the cause is not clear after examining the messages in the associated ADACOM, notify your Software AG technical support representative.

PLX058 *dbid* ALSERV failed

Explanation An error occurred attempting to define an ALET to access shared dataspace.

Action If the cause is not clear after examining the messages in the associated ADACOM, notify your Software AG technical support representative.

PLX059 *dbid pointer to IDTH is zero*

Explanation This is an internal error. The Adabas cluster terminates abnormally (abends).

Action Contact your Software AG technical support representative.

PLX060 *dbid Invalid function code for ADACLU*

Explanation This is an internal error. The Adabas cluster terminates abnormally (abends).

Action Contact your Software AG technical support representative.

PLX061 *dbid No useable PLXNUC found*

Explanation This is an internal error. The Adabas cluster terminates abnormally (abends).

Action Contact your Software AG technical support representative.

PLX062 *dbid Job is not authorized*

Explanation Adabas Cluster Services and Adabas Parallel Services nuclei must run with z/OS APF authorization.

Action APF-authorize all load libraries.

PLX064 *dbid Maximum NUCID is 65000*

Explanation The range of valid NUCIDs is 1-65000. The Adabas cluster terminates abnormally (abends).

Action Provide a valid NUCID for the cluster nucleus and restart.

PLX066 *dbid Duplicate NUCID in active PLXNUC*

Explanation An active PLXNUC entry was found in the PLXCB structure for the same NUCID as the starting nucleus.

Action Nucleus IDs must be unique. If the PLXNUC entry is the result of an earlier nucleus that failed in such a way that it could not be deactivated, the ADARUN FORCE=YES parameter will allow the PLXNUC to be overwritten. Note that incorrect or inappropriate use of FORCE=YES, such as when the NUCID is still active, may cause all nuclei in the cluster to fail and expose the database to corruption.

PLX067 *dbid* **Initialization of ADACLU complete****Explanation** The Adabas cluster initialized successfully.**Action** No action is required for this informational message.**PLX068** *dbid* **Termination of ADACLU beginning****Explanation** This message is informational only. It indicates whether shutdown processing for ADACLU has begun.**Action** No action is required for this informational message.**PLX069** *dbid* **Termination of ADACLU complete****Explanation** This message is informational only. It indicates whether shutdown processing for ADACLU has been completed.**Action** No action is required for this informational message.**PLX071** *dbid* **ADACLU - Invalid CLUINTER eyecatcher**
dbid **ADACLU - Invalid thread number**
dbid **ADACLU - CLUINTER in use****Explanation** These are internal errors. The Adabas cluster terminates abnormally (abends).**Action** Contact your Software AG technical support representative.**PLX073** *dbid* **NUCID in use as a cluster DBID****Explanation** The NUCID cannot be the same as any DBID using the same IDT (ADASVC instance).**Action** Specify a different NUCID and resubmit the job.**PLX074** *dbid* **CLUFREEUSER command accepted****Explanation** The CLUFREEUSER command syntax and operands have been validated.**Action** No action is required for this informational message.

PLX075 *dbid CLUFREEUSER invalid syntax starting text*

Explanation An error was detected in the syntax or operands of a CLUFREEUSER operator command.

Action Reissue the CLUFREEUSER operator command with correct syntax and operands.

PLX076 *dbid message-text*

Explanation Various message texts (*message-text*) are associated with this message number. Each is explained in the following table:

Message Text	Explanation
No users were deleted	The CLUFREEUSER operator command was issued, but no eligible users were found to delete.
Not deleted pending RSP 9/20 is <i>number-of users</i>	The CLUFREEUSER operator command was issued but the FORCE parameter was not specified and the number of users specified were pending a response code 9, subcode 20.
Number of users deleted is <i>number</i>	The CLUFREEUSER operator command was issued and the number of users listed in the message were deleted.

Action No action is required for these informational messages.

PLX078 *dbid A local single nucleus is already up (an IDTE is active for this DBID)*

Explanation An Adabas Cluster Services or Adabas Parallel Services nucleus is attempting to start, but there is already an active single nucleus with the same DBID.

Action Stop the single nucleus and try again.

PLX080 *UID mismatch freeing PLXUSER/UTE address UID uid1 UTE uid2*

Explanation ADACLU did not find the expected user ID string when attempting to release a PLXUSER (UTE).

Action If the UTE value is all zeros, the UTE was already free. This can come about if an error recovery routine such as a z/OS ESTAE attempts to clean up by issuing CL commands. Natural has error recovery that may do this, particularly if a Natural program is canceled. If this is not the case, or the UTE is non-zero, this is an internal logic error. Contact your Software AG technical support representative.

PLX081 *dbid IDTHPRFX not found*

Explanation This is an internal error. The Adabas cluster terminates abnormally (abends).

Action Contact your Software AG technical support representative.

PLX082 *dbid DBID is zero*

Explanation This is an internal error. The Adabas cluster terminates abnormally (abends).

Action Contact your Software AG technical support representative.

PLX083 *dbid Obtain of IDTHPRFX failed*

Explanation GETMAIN for the IDTH prefix (the 8-byte ID table header prefix element containing information about the database) is acquired above the 16MB line in ECSA, however there is insufficient space for the GETMAIN. Remote applications accessing the database may be affected.

Action Possibly increase the region size or decrease other parameters to resolve this problem. For additional assistance, contact your Software AG technical support representative.

PLX084 *dbid Net-Work DBID target not held*

Explanation During initialization, termination, or when an Entire Net-Work change of state is detected, the Entire Net-Work DBID target was found not to be assigned to any system.

Action No action is required for this informational message.

PLX085 *dbid Net-Work DBID target not acquired*

Explanation The Entire Net-Work DBID target could not be successfully assigned or acquired. This message is accompanied by others such as PLX046, PLX047, PLX048, and PLX089.

Action If you are unable to determine the cause of the error, contact your Software AG technical support representative for assistance.

PLX086 *dbid Net-Work DBID target acquired by system-name*

Explanation This message is issued when a nucleus has detected the DBID target is either released or not assigned, a suitable system was selected to acquire the target, and a nucleus on the system identified in the message (*system-name*) has successfully acquired the Entire Net-Work DBID target.

Action No action is required for this informational message.

PLX087 *dbid* Net-Work DBID target held by *system-name*

Explanation During initialization, termination or when an Entire Net-Work change of state is detected, the Entire Net-Work DBID target was found to be assigned to the system named in the message. This message is issued by all member nuclei whenever the DBID target assignment changes.

Action No action is required for this informational message.

PLX088 *dbid* Net-Work DBID target acquired by this image

Explanation This nucleus has successfully acquired the Entire Net-Work DBID target.

Action No action is required for this informational message.

PLX089 *dbid* Net-Work DBID target released by this image

Explanation The last nucleus, on the system to which the Entire Net-Work DBID target is assigned, is terminating. The DBID target is released and may be acquired by another system, should a suitable one become available.

Action No action is required for this informational message.

PLX090 *dbid* Attempting to create dataspace/S64

Explanation The nucleus has signaled ADACOM to attempt to allocate cluster data spaces and shared 64-bit addressable memory objects.

Action No action is required for this informational message.

PLX091 *dbid* Attempting to delete dataspace/S64

Explanation This nucleus is terminating and is the last nucleus of this DBID. ADACOM has been signaled to delete cluster data spaces and shared 64-bit addressable memory objects.

Action No action is required for this informational message.

PLX092 *dbid* Dataspace/S64 deleted

Explanation The cluster data spaces and shared 64-bit addressable memory objects have been successfully deleted.

Action No action is required for this informational message.

PLX097 *dbid* Dataspaces acquired

Explanation The cluster data spaces and shared 64-bit addressable memory objects have been successfully allocated.

PLX099 *dbid* ADACOM not available

Explanation ADACOM cannot be found.

Action Determine why ADACOM is not available and correct the problem. Then restart.