

# Active Parameters

▶ To review the ADARUN parameter settings for an Adabas database:

1. Select an Adabas database in tree-view and expand it.
2. Select **Active Parameters** in tree-view.

The active ADARUN parameters for the database are displayed in tables in detail-view:

- Pools and Queues
- Time Limits
- Logging
- Options

For detailed information about ADARUN parameters and their possible values, see the *ADARUN Control Statement* in the *Adabas Operations* documentation.

The meaning of ON/OFF options in the Logging section of the active parameters panel are explained in the following table:

Parameter	Action
Command Logging	Enable command logging.
Log Adabas Control Block	Enable Adabas control block logging.
Log Format Buffer	Enable format buffer logging.
Log Record Buffer	Enable record buffer logging.
Log Value Buffer	Enable value buffer logging.
Log ISN Buffer	Enable ISN buffer logging.
Log I/O Activity	Enable I/O activity logging.
Log User Exit B Data	Log User Exit B data (only available if CLOGLAYOUT=5 (the default) is also used).
Merge Cluster Command Logs automatically	Enable automatic merging of cluster command logs.
Protection Log required	Indicates whether a protection log is required for this session (the default is <b>On</b> ).

The meaning of ON/OFF options in the Options section of the active parameters panel are explained in the following table:

Parameter	Action
Log AOS/DBS Update	Log commands that update the active nucleus coming from AOS or ADADBS.
Batch Support	Enable batch support.
Async. by Vol-Ser	Flush buffers asynchronously based on volume serial number.
Cache Facility	Enable support for Dynamic Caching.
Delta Save Facility	Enable support for the Delta Save Facility.
Resource Manager	Enable distributed transaction processing as a resource manager with other resource managers (databases) coordinated by a transaction manager.
Transaction Manager	Enable distributed transaction processing as a transaction manager.
Ignore DIB Entry	Ignore and delete an existing data integrity block (DIB) entry in the Associator and initiate a new session.
Ignore Work Part 4	Ignore data related to the recovery of previously incomplete transactions that resides in the two-phase commit area (Work part 4) and start the nucleus anyway. For emergency use only: contact your Software AG technical support center before using.
LOCAL Nucleus	Restrict a nucleus to local use only (no connection to other Entire Net-Work nodes).
Non-DE Search	Restrict searches to descriptors only in search buffers (no searches on nondescriptors).
OPEN Required	Require an OPEN command as the first command of a user session.
Read-Only Session	Restrict a database session to reading data only (no updates allowed).
Ext. Error Recovery	Enable extended error handling and message buffering.
Triggers and Procedures	Enable use of triggers and stored procedures.
UTI-only Session	Restrict a database session to running utilities only.
TCP/IP Access Control	Enable a direct TCP/IP link to the Adabas nucleus (UES-enabled databases only).
Event Replication	Enable data replication.

 **To modify the parameter settings for an Adabas database:**

1. Click the **Modify** command button.

The parameter tables are displayed. Where settings can be modified, text boxes allow you to enter the required values; where options can be selected, check boxes can be marked.

2. The following parameter values can be modified:

#### **Pools and Queues**

- Sort Area
- Int. User Buffer
- Parallel LFIOP I/O
- Hold Queue Limit
- Active Command IDs per User
- ISN per TBI Element

#### **Time Limits**

- Command Time
- Max Bufferflush Duration
- Time Limit Sx-Commands
- Nonactivity ACC-User
- Nonactivity ET-User
- Nonactivity EXU-User
- Transaction Time

#### **Logging (on/off)**

The following parameters can be set:

- Command Logging
- Log Adabas Control Block
- Log Format Buffer
- Log Record Buffer
- Log Value Buffer
- Log ISN Buffer

- Log I/O Activity
- Log User Exit B Data
- Merge Cluster Command Logs automatically

**Options (on/off)**

The following options can be checked:

- Log AOS/DBS Update
- Async by Vol-Ser
- Read-only Session
- UTI-only Session

For detailed information about ADARUN parameters and their possible values, see *ADARUN Control Statement* in the *Adabas Operations* documentation.

3. Modify the settings in the table as required and click **OK** to confirm your changes and to return to the **Active Parameters** display.