

Adabas Fastpath

Operator Commands

Version 8.6.1

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This document applies to Adabas Fastpath Version 8.6.1 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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About this Documentation

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Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies: Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the symbol.
[]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

Online Information and Support

Product Documentation

You can find the product documentation on our documentation website at <https://documentation.softwareag.com>.

Product Training

You can find helpful product training material on our Learning Portal at <https://learn.software-ag.com>.

Tech Community

You can collaborate with Software GmbH experts on our Tech Community website at <https://tech-community.softwareag.com>. From here you can, for example:

- Browse through our vast knowledge base.
- Ask questions and find answers in our discussion forums.
- Get the latest Software GmbH news and announcements.
- Explore our communities.
- Go to our public GitHub and Docker repositories at <https://github.com/softwareag> and <https://hub.docker.com/publishers/softwareag> and discover additional Software GmbH resources.

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Support for Software GmbH products is provided to licensed customers via our Empower Portal at <https://empower.softwareag.com>. Many services on this portal require that you have an account. If you do not yet have one, you can request it at <https://empower.softwareag.com/register>. Once you have an account, you can, for example:

- Download products, updates and fixes.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.
- Add product feature requests.

Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

2 Operator Commands

Operator commands for the Fastpath manager must be passed through the Adabas System Coordinator daemon with an “AFP” prefix, as shown below. The following commands are available through the MVS Modify (F) command.

Command	Description
AFP RESTART	Performs an orderly shutdown immediately followed by buffer initialization. (See Notes)
AFP NEWCOPY	Performs an orderly shutdown, load a new copy of the Fastpath nucleus for all connected Fastpath components, and initialize the buffer. (See Notes)
Caution: In multisystem implementations check whether all COR daemons in the group that are expected to be active are active, before issuing an AFP RESTART or NEWCOPY. If direct-access optimization has been automatically disabled due to a system failure or COR daemon failure, this action will override it, which could lead to data integrity problems if the AFP RESTART/NEWCOPY is issued before all necessary daemons are active.	
AFP SNAP	Takes a snap dump of the Fastpath buffer. Operation is <i>not</i> terminated. (See Notes)



Notes:

1. You can achieve RESTART, NEWCOPY, and SNAP using Adabas Fastpath Online administration (see SYSAFP Special Services) without needing to enter an operator command.
2. Multi-task clients (such as RPC and NDV servers) are not compatible with the dynamic NEWCOPY. Such jobs should be stopped before issuing the Fastpath operator command and restarted after the action has completed.

Command	Description
AFP STAT AFP DSTAT	Displays general performance statistics.
AFP DXCFMD AFP DXCFMD,ALL	Displays the files that are registered for Adabas Fastpath distributed update event notifications and have received at least 100 notifications. The output is limited to 100 files. Specify the ALL option to bypass this limit.
AFP AUDITING=NO AFP AUDITING=YES	Dynamically stops or restarts Auditing activity in the Adabas Fastpath Buffer Manager. The Adabas System Coordinator must have initially started with the COR Daemon runtime parameter AFP AUDITING=YES for these operator commands to take effect.
AFP DAUDPARM [.DBID=nnnnn] [.FILE=nnnnn]	<p>Displays the file auditing parameters and activity status in use by the Fastpath Buffer Manager. This information is obtained from the ADAANP auditing parameters for each Adabas nucleus that has files defined to Fastpath for direct-access optimization.</p> <p>A sample file display is shown below:</p> <pre> AFP-0074-04 17004 DBID 17099 File 21 auditing definitions: AFP-0074-04 17004 File is active AFP-0074-04 17004 Server ID...: 17100 AFP-0074-04 17004 Access commands: AFP-0074-04 17004 FACCACBX...: Fields AFP-0074-04 17004 FACCINFO...: Fields AFP-0074-04 17004 FACCFB....: Yes AFP-0074-04 17004 FACCST....: Yes AFP-0074-04 17004 FACCVB....: Yes AFP-0074-04 17004 FACCDS....: Fields AFP-0074-04 17004 FACCFIELDS: AA,AE </pre> <p>For an explanation of these parameters, refer to the Adabas Auditing documentation, section <i>Adabas Nucleus Auditing Parameters (ADAANP)</i>.</p> <p>The amount of information displayed can be reduced using the optional DBID= and FILE= parameters.</p> <p>For example:</p> <p>AFP DAUDPARM,DBID=17099 will only display auditing parameters relating to files in database 17099.</p> <p>AFP DAUDPARM,DBID=17099,FILE=21 will only display auditing parameters relating to file 21 in database 17099.</p>
AFP DAUDSTAT [.DBID=nnnnn] [.FILE=nnnnn]	<p>Displays the Fastpath Buffer Manager auditing statistics.</p> <p>Information provided includes auditing-related memory usage statistics for the Audit Pool and the Fastpath Buffer, and the number of auditing events pending and completed.</p> <p>A sample file display is shown below:</p>

Command	Description
	<pre> AFP-0076-04 17004 Auditing Pool (LAP) usage: AFP-0076-04 17004 Size(K) Current(K) HWM(K) HWM(%) AFP-0076-04 17004 117188 0 0 0 AFP-0076-04 17004 Resource Used Free HWM Size(K) ← %LAP AFP-0076-04 17004 PAA 0 0 0 0 ← 0 AFP-0076-04 17004 Fastpath Buffer usage: AFP-0076-04 17004 Size(K) Current(K) HWM(K) HWM(%) AFP-0076-04 17004 8095 1 1 1 AFP-0076-04 17004 Resource Used Free HWM Size(K) ← %BUF AFP-0076-04 17004 SAA 0 0 0 0 ← 0 AFP-0076-04 17004 FIA 2 0 2 1 ← 1 AFP-0076-04 17004 Auditing notifications by clients: AFP-0076-04 17004 Asynchronous communication..... ← 0 AFP-0076-04 17004 Synchronous communication..... ← 0 AFP-0076-04 17004 Auditing statistics by file: AFP-0076-04 17004 DBID File ServerID EvtS-Compltd ← EvtS-Pending AFP-0076-04 17004 17099 21 17100 0 ← 0 AFP-0076-04 17004 17099 24 17100 0 ← 0 AFP-0076-04 17004 Auditing exclusions by file: AFP-0076-04 17004 DBID File Reason ← Count AFP-0076-04 17004 17099 21 No free audit entries... ← 0 AFP-0076-04 17004 17099 24 No free audit entries... ← 0 AFP-0076-04 17004 Auditing statistics by Audit Server: AFP-0076-04 17004 ServerID Packets EvtS-Compltd ← EvtS-Pending AFP-0076-04 17004 17100 0 0 ← 0 </pre>
	<p>The amount of information displayed can be reduced using the optional DBID= and FILE= parameters.</p> <p>For example:</p> <p>AFP DAUDSTAT, DBID=17099 will only display auditing statistics relating to files in database 17099.</p> <p>AFP DAUDSTAT, DBID=17099, FILE=21 will only display auditing statistics relating to file 21 in database 17099.</p>

Command	Description
AFP HELP	Display all possible operator commands.