

Unicenter[®] CA-APAS[®] **Insight Monitor for Adabas**

Release Summary

4.1



Computer Associates[®]

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New Enhancements

Unicenter CA-APAS Insight Monitor for Adabas (Unicenter CA-APAS) is a comprehensive set of tools that enable the user to more effectively manage Adabas components and the applications serviced by the Adabas nucleus. It allows users to monitor and tune their Adabas environment and alerts them to potential and ongoing performance problems and bottlenecks.

You can also purchase the following Computer Associates software to extend your use of Adabas, which is a database management system product from Software AG:

- Unicenter CA-PLEU Protection Log Extract Utility for Adabas (Unicenter CA-PLEU) – Extracts information from the Adabas protection log for subsequent processing. Because Unicenter CA-PLEU obtains all information in a single pass, CPU usage and I/Os are minimized. Unicenter CA-PLEU supplies an audit trail to take the guesswork out of audits. It can be used to validate applications, so you can discover the cause of incorrect data and verify that required changes have occurred, and as a recovery tool for selective back out of commands and transactions.
- Unicenter CA-SpaceMan File Management for Adabas (Unicenter CA-SpaceMan) – Automates the space management of the physical Adabas database, helps manage Adabas logical files, automatically manages DASD resources, and tunes the physical performance of Adabas.

New Enhancements Summary

This release of Unicenter CA-APAS provides you with the following features:

- [Support for Adabas Version 7.4](#)
- [Full Compatibility and Support for Adabas Version 7.2](#)
- [New LOG-REC-TYPE and TRIGGER Fields](#)
- [Dual Copy Trim Banner](#)
- [Implementation of a MAXTSIZE Parameter](#)
- [Installation Procedures](#)

Support for Adabas Version 7.4

Unicenter CA-APAS is fully compatible with Adabas V7.4 and also fully supports Adabas V7.1 and V7.2.

It does not support Adabas V6 and earlier and is a complete replacement for earlier releases.

Full Compatibility and Support for Adabas Version 7.2.

This feature integrates the support of V7.2 so that Unicenter CA-APAS supports both V7.1 and V7.2 releases simultaneously.

New LOG-REC-TYPE and TRIGGER Fields

This enhancement reports information about triggered Adabas commands. You will find it useful for monitoring commands generated by the Triggers that you define.

Implementation of a MAXTSIZE Parameter

The new MAXTSIZE parameter enables you to limit how large the summarization table can get. This means you can avoid the excessive processing time that a client occasionally experienced due to huge amount of data collected.

Dual Copy Trim Banner

This feature enables you to eliminate the 17-line Unicenter CA-APAS banner from your reports during the Dual Copy process of PRINT TO dual file.

Installation Procedures

The complete set of Unicenter Database Tools for Adabas products: Unicenter CA-APAS, Unicenter CA-PLEU, and Unicenter CA-SpaceMan, have been combined for distribution on a single tape. To protect against unauthorized downloading and use of non-licensed products, the product libraries are password protected and encrypted on the distribution tape.

Note: There are new installation unload jobs and procedures that include steps to decode the load libraries using a CA-supplied password.

Enhancements to Existing Features

This chapter describes enhancements to the existing features of Unicenter CA-APAS Enhancements:

- [New OPERCMD Operator Commands](#)
- [Expanded Reporting Capabilities for X'48' Calls](#)
- [Breakdown THROW-BACK](#)
- [Expanded SMP Capabilities](#)
- [Expanded Counters](#)
- [New UIDATA Field](#)
- [MAX-HOLDER-ID-V5 Name Change](#)
- [Natural 3.1 Support](#)

New OPERCMD Operator Commands

This feature adds a number of new operator commands to the Unicenter CA-APAS OPERCMD function such as:

- DDSF to display Delta Save Facility stats
- DNFV to display file variable data
- DELUF to delete all User Queue Elements for the specified file
- DELUI to delete UQE's that have been inactive for the specified number of seconds
- SYNCC to force resynchronization of all ET users on the nucleus, plus others

Expanded Reporting Capabilities for X'48' Calls

A new field definition was added to COMMID for X'48' calls. Part of the COMMID field for X'48' now contains a STCK time stamp enabling you to report on the STCK portion of the COMMID field.

Breakdown THROW-BACK

The Unicenter CA-APAS Performance History System was modified to support the THROW-BACK information broken down by ISN or SPACE. Two new fields were added to the Unicenter CA-APAS History Repository file for retaining the broken out THROW-BACK information. The History request, HUP5ACT, in APSDFLT3 was modified to now capture THROW-BACK-ISN and THROW-BACK-SPACE information and the History update program, APASHUP5, was modified to update the Repository file accordingly. The online Performance History system, APASHIST, was also modified to display the THROW-BACK information by ISN and SPACE.

Expanded SMP Capabilities

The SMP capabilities of Unicenter CA-APAS were expanded to direct Insight commands to specific SMPIDs.

Expanded Counters

Various counters and accumulators on Insight screens such as SNAPSHOT and HIWATER, have been expanded to accommodate longer Adabas MPM sessions.

New UIDATA Field: JOB-NUMBER

The new JOB-NUMBER data field eliminates the necessity to modify the batch link routine module DBGLNK5 to make a determination what information is collected—job entry date or job number, in the JOB-ENTRY-DATE data field. Now both JOB-ENTRY-DATE and JOB-NUMBER are available simultaneously for data collection and reporting.

MAX-HOLDER-ID-V5 Name Change

The MAX-HOLDER-ID-V5 data field changed to MAX-HOLDER-COMMID.

Natural 3.1 Support

Unicenter CA-APAS 4.1 now supports only Natural 3.1 and higher. Natural is a 4GL programming language from Software AG

