

Unicenter[®] CA-SpaceMan[®] File Management for Adabas

Release Summary

4.1



Computer Associates[®]

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New Enhancements

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.

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-APAS Insight Monitor for Adabas (Unicenter CA-APAS) – 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.
- 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.

For more information about these products, refer to their product documentation.

New Enhancements Summary

This release of Unicenter CA-SpaceMan provides you with the following new enhancements:

- [Support for Adabas V7.4](#)
- [Full Compatibility with Adabas V7.2](#)
- [Exploits the New Features of Adabas V7.1](#)
- [Installation Procedures](#)

Support for Adabas V7.4

Unicenter CA-SpaceMan 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 with Adabas V7.2

In the past, a given occurrence of Unicenter CA-SpaceMan supported either Adabas V7.1 or Adabas V7.2 based on the application of an apar. It now integrates the support of V7.2 so that both releases are supported simultaneously.

Exploits the New Features of Adabas V7.1

There are two major Unicenter CA-SpaceMan components involved – the SPMREP utility that produces batch reports that display the present condition of the database, and the online Configurator that makes projections and generates the Adabas utility parameters for the user to reconfigure file(s) or the entire database.

The following are enhancements to the SPMREP batch reports and the online Configurator:

- Reports and retains the INDEXCOMPRESSION and DBINDEXCOMPRESSION options.
- Expands the Unused Space Report to read the four additional FST (free space table) blocks.
- Reports on the space usage in the WORK Part 4 and WORK Part 5 data set.
- Supports generation for Forward Index Compression cards from the Configurator.
- Adds support for the RABNSIZE parameter in the Configurator.
- Adds support in the Configurator for the ACEXTENSION parameter. This parameter was added to handle the larger file sizes that Adabas now supports.
- Reports on the new PPT table that was added to support clustered services. This enables you to use this information to tune your Adabas space usage.

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-SpaceMan Enhancements:

- [Supports ADASAF Security Package](#)
- [Reporting of the Delta Save DLOG Area in the Associator](#)
- [Remove MIRROR Cards](#)

Supports ADASAF Security Package

Adabas SAF Security, ADASAF, enhances the scope of standard security packages based on the System Authorization Facility (SAF) to encompass Adabas resources. The Unicenter CA-SpaceMan utilities have been adapted to function in an ADASAF secured environment as well as with the existing Adabas External Security Interface, ADAESI.

Reporting of the Delta Save DLOG Area in the Associator

Delta Save only backs up the changed blocks of the database rather than backing up the entire database. The DLOG area in the Associator is used by Adabas to flag which blocks have been updated and therefore must be backed up. This feature is important to clients using Delta Save so they can monitor the Delta Save DLOG area to determine if it is over or under allocated.

Remove MIRROR Cards

Adabas no longer supports a Mirror database.

