

CA Merge/Modify™ for DB2 for z/OS

CA Merge/Modify™ for DB2 for z/OS (CA Merge/Modify) accelerates image copy and recovery processes to help you reduce the drain on valuable CPU resources and streamline backup and recovery procedures.

Business Value

CA Merge/Modify helps you quickly and efficiently perform frequent image copies without impacting data availability. You can proactively prepare for a fast recovery from system failures, outages and other disasters while your users continue to perform all their normal DB2 operations. It also reduces table space downtime and speeds image copy processing by allowing the creation of additional copies of image copies.

Product Overview

Finding an acceptable solution to prepare for a fast recovery of DB2 data has long been a dilemma. CA Merge/Modify merges DB2 log data with existing image copies, thus creating new, up-to-date image copies without impacting DB2 systems, applications or data availability. Alternatively, the change accumulation functionality lets you accumulate log records from multiple DB2 logs into a single, compact file.

Delivery Approach

CA Services provides a portfolio of mainframe services delivered through CA internal staff and a network of established partners chosen to help you achieve a successful deployment and get the desired business results as quickly as possible. Our standard service offerings are designed to speed deployment and accelerate the learning curve for your staff. CA's field-proven mainframe best practices and training lower risk, improve use/adoption and ultimately align the product configuration to your business requirements.

What's New, What's Compelling?

Mainframe 2.0

CA Merge/Modify has adopted key Mainframe 2.0 features that are designed to simplify your use of CA Merge/Modify and enable your staff to install, configure and maintain it more effectively and quickly.

- **CA Mainframe Software Manager:** The CA Mainframe Software Manager automates CA Merge/Modify installation and maintenance and removes SMP/E complexities.
 - › The Product Acquisition Service enables you to easily move product installation packages and maintenance from CA Support Online directly to your mainframe environment and prepare them for installation.
 - › The Software Installation Service standardizes CA Merge/Modify installation, which includes a new, streamlined Electronic Software Delivery (ESD) method that allows CA Merge/Modify to be installed using standard utilities. This service also provides standardized SMP/E product installation and maintenance via APARs and PTFs, and simplifies SMP/E processing through an intuitive graphical user interface and an intelligent Installation Wizard.
- **Best Practices Guide:** This guide provides information on CA Merge/Modify installation, initial configuration and deployment to shorten the learning curve for staff that is responsible for the installation and management of this product.
- **Interoperability Certification:** CA Merge/Modify has been tested in an environment with many other CA products as part of a dedicated effort to find and resolve interoperability problems prior to release.
- **Health Checker:** The Mainframe 2.0 Health Checker provides CA Merge/Modify Health Checks that execute under the IBM Health Checker for z/OS.

What's New in CA Merge/Modify r12

- **DB2 9 Large Block Interface:** DB2 9 Large Block Interface (LBI) support is now provided for IBM image copies.
- **DB2 Version 8 Feature Exploitation:** DB2 V8 LISTDEF control statements are now supported.

Features

CA Merge/Modify provides:

- **Enhanced Recovery Options:** CA Merge/Modify can process log records to create new image copies from pre-existing ones and create change accumulation files. Both of these features can be used to increase flexibility of recovery procedures and accelerate the recovery process.
 - › **New Image Copies:** CA Merge/Modify can take a non-concurrent/inline existing image copy (either full or incremental) and — by merging this with log records containing the recent updates — produce a new, up-to-date image copy. Because this copy has been created from log records and does not require any access to the actual table data, the copy is built with no impact to the online availability of the tables.
 - › **Change Accumulation:** CA Merge/Modify can also create change accumulation files of DB2 log records for specified table spaces. These change accumulation files can be used during a recovery process to accelerate the application of log records. CA Fast Recover™ for DB2 for z/OS (CA Fast Recover) will automatically utilize these accumulation files if they are requested and present during a recovery.

Benefits

CA Merge/Modify helps you quickly and efficiently perform frequent image copies without impacting data availability. You can proactively prepare for a fast recovery from system failures, outages and other disasters while your users continue to perform all their normal DB2 operations.

Why CA

A key component of both CA's Mainframe 2.0 initiative and Enterprise IT Management (EITM) strategy, CA Merge/Modify is part of a family of database products that enable you to reduce the amount of time, effort and human error involved in implementing, maintaining and maximizing the availability of efficient database applications. Organized into three solution areas comprised of Database Administration, Database Performance Management and Database Backup and Recovery, these products help DBAs to be more productive, accurate and efficient.

EITM is CA's vision to unify IT and simplify the management of complex computing environments across your enterprise, thus helping to maximize the value to your business. To transform IT management in this way, CA delivers solutions that better govern, manage, and secure IT.

CA Database Management is an integral part of EITM, providing products that help manage the total cost of database ownership by automating day-to-day operations and increasing overall service responsiveness. From DB2 and IMS on the mainframe, to Oracle, DB2 and SQL Server on distributed servers, CA Database Management provides advanced technology and integration to manage increasingly large and complex databases.

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