

Product Brief

Key Benefits/Results

- **Save time.** Perform recovery analysis and quickly recover an IMS database to a point in time before it was corrupted.
- **Meet recovery point objectives.** Maximize data availability in recovery situations.
- **Versatility.** Use a change accumulation file or log data to restore to a more recent user-specified point in time than the latest image copy.

Key Features

- **Multiple recovery scenarios.** In addition to image copies (backups) or an existing database as input to the recovery process, you can optionally include change accumulation files, IMS logs, or both.
- **Point in time recovery.** You can recover the database to a user-specified point in time. Any in-progress updates will be automatically removed to provide a consistent database recovery.
- **Change accumulation.** Includes change accumulation functionality that can be invoked as stand-alone or as part of a recovery scenario.
- **Recovery analyzer.** Recovery analysis capabilities aid in understanding a recovery situation and rapidly creating the desired recovery scenario.
- **Database support.** Supports full-function, HALDB and Fast Path DEDB databases.

CA High Performance Recovery for IMS for z/OS

Overview

CA High Performance Recovery for IMS for z/OS (CA High Performance Recovery) is designed to allow database administrators (DBAs) to recover IMS databases to a specific point in time, minimizing the long-term impact interruptions have on production systems.

Business Challenge

Because IMS databases are frequently used 24-hours a day, seven days a week in support of business applications, availability of this data is critical. Occasionally, hardware and software errors may result in the corruption of a database. When an IMS database is corrupted or access paths are broken, the database must be restored quickly and accurately. Every moment that data is unavailable, users are impacted and an organization's ability to do business is impaired. Organizations require a solution that shortens the time needed for IMS database recovery and efficiently restores data access.

Solution Overview

CA High Performance Recovery is a versatile, adaptable product that shortens the time needed for IMS database restores and efficiently recovers your database to a point in time before it was corrupted, maximizing data availability in recovery situations.

CA High Performance Recovery is designed to create change accumulation files, offer extensive recovery analysis capabilities, build recovery jobs, recover IMS databases, and rapidly restore access to critical IMS data. CA High Performance Recovery uses high-speed technology to access image copies, change accumulations, and logs. This technology allows CA High Performance Recovery to quickly recover data and automatically rebuild the necessary indexes.

Critical Differentiators

CA High Performance Recovery offers a host of features, including:

- **CA High Performance Recovery allows DBAs to recover IMS databases.** Minimizes the impact of disruptions on production systems.
- **IMS databases can be defined to groups.** Groups include change accumulation groups, database data set groups, database groups, and database recovery groups for all database types. When a group name is used as input, CA High Performance Recovery recovers all databases in the specified group.
- **Recovery analysis.** Capabilities include RECON cleanup and verification that the needed change accumulation, image copies, and log files are available for the specified recovery.

Critical Differentiators (con't)

- **IDCAMS interface.** This interface can optionally delete and define VSAM and OSAM database datasets prior to recovery.
- **Forward recovery.** Updates from the IMS logs and/or change accumulations are applied to an existing database to recover the database to a user-specified point in time.
- **Fast path support.** Recover a single area, a specified set of areas, or all areas in a DEDB. In addition, DEDB Multiple Area Data Sets (MADS) can be replicated during the recovery.
- **IMS Information Repository (IIR).** Results can be stored in the IIR. You can access this stored information to determine trends, compare threshold values to trigger actions, or do historical reporting.
- **Command Control Manager.** This common component helps you issue IMS commands in sets and across all the IMS systems in an IMSplex.

Related Products/Solutions

- **CA Database Analyzer™ for IMS for z/OS.** Provides complete pointer checking of the recovered database.
- **CA Secondary Index Builder for IMS for z/OS.** Integration automates primary and secondary index rebuilding after a recovery.

For more information, please visit ca.com/ims