

BMC AMI Backup and Recovery Solution for IMS™

Back up and recover IBM® IMS™ data easily and effectively

Product description

BMC AMI Backup and Recovery for IMS provides a comprehensive suite of backup and recovery functions for full-function, HALDB, Fast Path, and Partitioned Database Facility (PDF) databases, including support for disaster recovery.

Business challenge

The digital economy and resulting data explosion have caused IMS databases to grow exponentially, but users still need continuous access to their data. It's imperative to keep data online and available even during routine backups. A comprehensive backup and recovery strategy is essential to ensure that you have the data you need if an outage occurs. If an outage occurs, you need to be able to recover quickly and without errors.

BMC solution

BMC AMI Backup and Recovery for IMS delivers a robust suite of backup and recovery capabilities for both local and disaster recovery scenarios, all easily managed through an intuitive graphical interface. By providing clear visibility into IMS activity, the solution helps dramatically reduce mean-time-to-resolution (MTTR) for complex backup and recovery issues while safeguarding data integrity.

Point-in-Time Recovery is a core capability of BMC AMI Backup and Recovery for IMS, enabling organizations to restore IMS databases to an exact, user-defined moment. This feature empowers teams to quickly recover from outages, data corruption, or cyber incidents by precisely targeting the desired recovery point minimizing data loss and downtime. With recent enhancements, Point-in-Time Recovery now delivers even greater speed and automation, supporting advanced cyber resilience and regulatory compliance (such as DORA), and integrating seamlessly with BMC AMI Data for IMS for unified recovery workflows.

Product details

Recovery Advisor detects, reports, and corrects conditions that may impact database recovery, automating many tasks. It identifies exceptions (e.g., image copy needed or missing) and can automatically address some, such as submitting jobs for image copies or change accumulations. Recovery Advisor ensures image copies and change accumulations occur at optimal intervals, minimizing log usage. It also supports conditional image copies (only for changed databases) and RECON reorganization for better performance.

Point-in-Time Recovery enables fast, automated recovery to any precise moment, supporting cyber resilience and regulatory compliance (e.g., DORA). Integrates with BMC AMI Data for IMS for unified workflows.

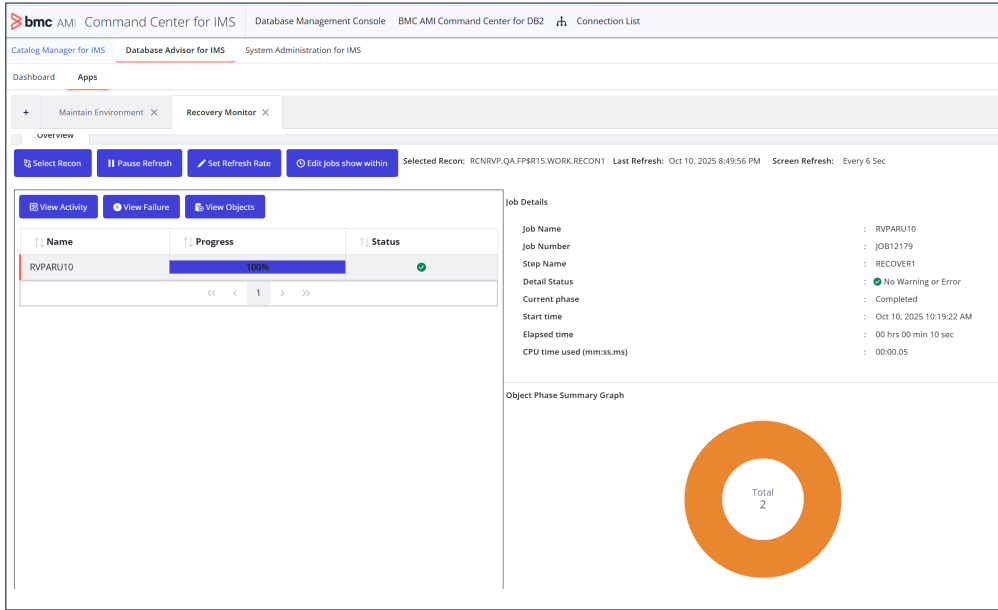
KEY FEATURES

BMC AMI Backup and Recovery for IMS™ makes it easy to manage image copies and both local and disaster recoveries. The solution is:

- **Efficient** – Detects, reports, and corrects conditions that may affect the recovery of IMS databases.
- **Flexible** – Detects exception conditions, including image copy needed, image copy recommended, no valid image copy exists, and more. Enables you to simulate a recovery so that you'll be prepared in case of emergency.
- **Powerful** – Ensures that image copies and change accumulations are performed at appropriate intervals to minimize the number of logs required for recovery. Automates many tasks and decisions that affect recoverability.
- **Advanced** – Instantly recovers databases to any precise moment, supporting compliance and integrating with BMC AMI Data for IMS.

KEY BENEFITS

- **Eliminates errors and ensures data integrity** throughout the backup and recovery process by using intelligent automation.
- **Maximizes availability** by performing copy operations while databases are online.
- **Simplifies backups and recoveries** through the use of a Web-based interface that provides built-in intelligence.
- **Speeds local and disaster recoveries**
- **Minimizes data loss and downtime** with precise Point-in-Time Recovery.



Database Advisor for IMS – Automates IMS database health checks and maintenance to prevent outages.

Image Copy function creates image copies quickly and efficiently, without disrupting online IMS resources. Uses Snapshot technology, concurrent copying, compression, and encryption. The process is self-tuning, requiring no manual optimization.

Recovery function performs concurrent recovery of multiple databases in a single pass, using multiple log readers for speed. Supports recovery to any point in time (PIT), full and roll-forward recovery, and produces multiple output copies. Enables consistent test databases without affecting production, includes estimation and simulation for compliance, and supports DORA regulatory requirements.

The Change Accumulation function processes multiple groups in one pass, with faster sorting and support for different key lengths. Reduces time and cost, allowing more frequent accumulations and minimizing recovery outages.

Recovery Management function automates recovery by grouping related objects, validating and rebuilding groups, checking assets, and creating extra recovery points to meet SLAs.

Concurrent Pointer Checking verifies database pointers during image copy and recovery, ensuring structural integrity and saving time and resources.

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The Index Rebuild function rebuilds lost or damaged indexes automatically, avoiding the need for index image copies.

Disaster recovery features includes RECON clean-up utilities and collects/maintains extensive information so data sets can be automatically redefined with the IDCAMS utility, eliminating database allocation errors during recovery and ensuring smooth recovery at disaster sites.

FOR MORE INFORMATION

To learn more, please visit

<https://www.bmc.com/it-solutions/bmc-ami-backup-recovery-ims.html>

About BMC

BMC empowers nearly 80% of the Forbes Global 100 to accelerate business value, faster than humanly possible. Our industry-leading portfolio unlocks human and machine potential to drive business growth, innovation, and sustainable success. BMC does this in a simple and optimized way by connecting people, systems, and data that power the world's largest organizations so they can seize a competitive advantage.

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