BMC AMI Recovery for VSAM
Quick and easy VSAM data recovery

PRODUCT DESCRIPTION
The BMC AMI Recovery for VSAM provides quick and easy VSAM data recovery processing. It allows you to focus on the process of recovering data rather than the program that recovers the data.

BUSINESS CHALLENGE
Although a large percentage of z/OS installations store vast volumes of business-critical data in VSAM files, the operating system offers only limited functionality to support recovery of VSAM data. Additionally, there is no central repository for the type of information needed to determine the elements required for a recovery.

Data centers must be able to recover VSAM files, but currently rely on tedious, error-prone manual methods using utilities with limited capability to streamline the process.

BMC SOLUTION
BMC AMI Recovery for VSAM is a versatile recovery management tool for both batch and online environments.

This product provides all the backup, recovery, journal record and log record management, and reporting capabilities necessary for successful recovery of VSAM application data for z/OS users. It automates and simplifies the recovery process, reduces recovery time to improve data availability, and ensures data integrity.

KEY FEATURES
BMC AMI Recovery for VSAM:
• Provides a central point of control and information repository for managing all backup, recovery, and journal processes
• Allows file management by application groups
• Provides Snapshot technology for Instant Snapshots and Instant Restores
• Supports recovery to any time stamp
• Performs automatic journaling and backout of VSAM updates made by batch programs
• Performs backups while files are open to CICS for updates

KEY BENEFITS
With BMC AMI Recovery for VSAM, you can:
• Reduce downtime by automating many recovery procedures and performing instantaneous backups and restores
• Enable coordinated recovery between VSAM, IMS, and DB2 with no outage to establish a recovery point

Time Sequence

| T1 | T2 | T3 | T4 | T5 |

Log Stream or Journal

Backup + Journal Archive = Recovered VSAM + T1, T2, T3 + Partial T4

BMC AMI Recovery for VSAM recovery from a backup
PRODUCT DETAILS

Maximum Automation: BMC AMI Recovery for VSAM delivers the maximum in automated control by allowing you to create application groups (logical collections of files) and request backup, restore, and recovery processes using these groups. It also provides an interactive interface that allows you to generate recovery JCL by application group name, masked data set name, or fully qualified data set name. BMC AMI Recovery for VSAM automates the recovery process using registered change information and backups, automates the registration and management of journals and logs, automates journaling of updates made by batch programs and automates backout for batch regions by automatically building and optionally submitting the backout.

Unique Benefits: BMC AMI Recovery for VSAM provides unique benefits not available in any other product including support for forward or backward recovery of KSDS, ESDS, RRDS, and VRRDS VSAM files and their associated indexes. It tracks all changes to VSAM files and journals batch changes to VSAM files to enable forward and backout recoveries. It also supports record-level-sharing file recovery and provides journal accumulation and last image accumulation for faster recoveries.

Easy to Use: Numerous features make BMC AMI Recovery for VSAM easy to use including an interactive interface for accessing repository information and building recovery JCL. In addition, it allows use of application groups and wildcard characters for fast and easy identification of files and changes to rule sets can be dynamically and immediately implemented. You can also restore files with a new name to simplify creation of files for shadow processing and testing.

High-Availability Operations: BMC AMI Recovery for VSAM offers increased performance and data availability by allowing backup of a data set while CICS has it open for update. It also supports recovery of record-level sharing VSAM files updated by the CICS Transaction Server. In addition, it offers Instant Snapshot processing, dramatically reducing downtime for clean copies and performs Instant Restores from Instant Snapshots, possibly reducing recovery time from hours to seconds.

Disaster Recoveries: BMC AMI Recovery for VSAM allows you to do more than a data set restore; it enables full VSAM data set recovery to prevent loss of critical data. By installing BMC AMI Recovery for VSAM at your disaster recovery site, you can use the latest backups sent offsite and apply any journals or logs at the disaster recovery site. In addition, BMC AMI Recovery for VSAM not only restores the base cluster but also rebuilds all alternate indexes. Time stamps can be used to coordinate recovery points between VSAM, IMS, and DB2 applications, resulting in consistent data after the disaster recovery with no local outage to establish a recovery point.

FOR MORE INFORMATION

To learn more about BMC AMI Recovery for VSAM, please visit bmc.com