



# BMC Recovery Management Family for DB2 z/OS

The premier recovery solution for DB2 for z/OS

## KEY BENEFITS

- > Improves availability by providing high-speed backup and recovery utility functions, and high-speed transaction level recovery capabilities
- > Automates backup and recovery job creation and increases performance with multi-task parallel index rebuilds and parallel recovery capability
- > Executes initial recovery using exclusive BACKOUT capability, and, if unable, will automatically fall back to a traditional forward recovery
- > Allows you to define a threshold for index copies and to use image copies and logs for index recoveries if available
- > Provides recovery simulation that validates required recovery resources are available and that log apply can be done
- > Provides disaster recovery time estimation and remote site mirroring accommodation

**BMC Recovery Management Family for DB2 z/OS provides an integrated backup and recovery solution that facilitates transaction-level recovery on a high-speed, managed basis. Online transaction recovery gives you greater control over the recovery process, improving data availability and reducing recovery risk, without taking your database offline.**

## BUSINESS CHALLENGE

Unfortunately, unplanned database downtime is a fact of life. And 80 percent of unplanned downtime is caused by software or human error. While you must consider and implement a wide variety of strategies to manage your data, your recovery strategy may be the most important. It ensures that problems do not permanently damage or destroy important data that unplanned outages are short, and that problems (along with preparations for problems) do not consume an unreasonable amount of resources. Implementing a recovery strategy is like taking out an insurance policy. Both cost resources to obtain, but they reduce the cost and pain of a problem and enable normal activities to resume as quickly as possible after a problem occurs.

Recovery strategies can be highly complex. Preparing for a variety of recovery scenarios ensures that you can always meet service level agreements, regardless of inevitable problems. The customer is faced with difficult decisions that require carefully balancing the goals of data integrity, data availability, and resource conservation. Some complicated recovery situations are challenging to analyze and tricky to address.

## THE BMC SOLUTION

BMC Recovery Management Family for DB2 z/OS provides targeted, rapid, backup-and-recovery techniques that are unmatched in the industry. It offers inflight recovery technology to any time stamp or log point, high-speed transaction recovery, backout recovery, and instant recovery using intelligent hardware.

BMC Recovery Management Family for DB2 z/OS provides automation and advisory-level features that facilitate transaction-level recovery on a high-speed, managed basis. Online transaction recovery gives you greater control over the recovery process, improving data availability and reducing recovery risk without taking your database offline.

## FEATURES

- > Enables inflight recovery technology that eliminates the need for application quiesces – exclusive
- > Provides backout recovery strategy – exclusive
- > Avoids unnecessary backup and recovery – exclusive
- > Provides disaster recovery data collection and analysis – exclusive
- > Provides online consistent copy technology – exclusive
- > Allows disaster recovery simulation and estimation
- > Provides instant snapshot copy and recovery
- > Enables disaster recovery mirror management
- > Enables automatic drop recoveries

## VALUE PROPOSITION

Customers with mission-critical applications running on DB2 for z/OS have invested a lot of time and money to deploy the applications. These applications provide some value to the business, but only if they are available. BMC Recovery Management Family for DB2 z/OS reduces or eliminates planned and unplanned downtime by providing unique backup-and-recovery technique, and by providing additional functionality in the area of log reporting and recovery management. Many of the techniques in are specific to local downtime events. The most common DB2 disaster recovery process is fully automated.

## PRODUCT FAMILY

BMC Recovery Management Family for DB2 z/OS includes the following products and solutions:

- > BMC RECOVERY MANAGER for DB2
- > BMC RECOVERY PLUS for DB2
- > BMC R+/CHANGE ACCUM for DB2
- > BMC COPY PLUS for DB2
- > BMC SNAPSHOT UPGRADE FEATURE for DB2
- > BMC Log Master for DB2 with High-speed Apply engine

For more information, please visit [www.bmc.com/db2](http://www.bmc.com/db2).

## ABOUT BMC SOFTWARE

BMC Software delivers the solutions IT needs to increase business value through better management of technology and IT processes. Our industry-leading Business Service Management solutions help you reduce cost, lower risk of business disruption, and benefit from an IT infrastructure built to support business growth and flexibility. Only BMC provides best practice IT processes, automated technology management, and award-winning BMC Atrium technologies that offer a shared view into how IT services support business priorities. Known for enterprise solutions that span mainframe, distributed systems, and end-user devices, BMC also delivers solutions that address the unique challenges of the midsized business. Founded in 1980, BMC has offices worldwide and fiscal 2006 revenues of more than \$1.49 billion. Activate your business with the power of IT. [www.bmc.com](http://www.bmc.com).



To learn more about how BMC can help activate your business, visit [www.bmc.com](http://www.bmc.com) or call (800) 841-2031

BMC, BMC Software, and the BMC Software logo are the exclusive properties of BMC Software, Inc., are registered with the U.S. Patent and Trademark Office, and may be registered or pending registration in other countries. All other BMC trademarks, service marks, and logos may be registered or pending registration in the U.S. or in other countries. All other trademarks or registered trademarks are the property of their respective owners. DB2 is a registered trademark of International Business Machines Corporation ©2007 BMC Software, Inc. All rights reserved.

