



BMC Database Integrity Family for IMS

The premier solution for maintaining IMS data integrity

KEY BENEFITS

- > Enhances the productivity of IMS database professionals
- > Prevents outages associated with data integrity exposures
- > Provides the most comprehensive pointer validation available
- > Provides extensive, easy-to-use reports
- > Enables interactive database analysis and repair
- > Allows the creation of lost control block source
- > Reduces elapsed time and I/O activity for sequential batch IMS applications
- > Provides efficient free space utilization
- > Improves online IMS application response time by efficient use of IMS buffers and virtual storage

BMC Database Integrity Family for IMS manages the integrity and improves the performance and the availability of IMS databases.

BUSINESS CHALLENGE

The need for more information being available 24x7 has increased. Downtime, including routine maintenance, means lost revenue. While the size and complexity of IMS data is growing, the number of IMS professionals is shrinking. The challenge today is to maintain and ensure the integrity of mission-critical IMS data with fewer resources and less expertise.

THE BMC SOLUTION

BMC Database Integrity Family for IMS ensures data integrity and improves performance. BMC POINTER CHECKER PLUS maximizes data integrity and availability by identifying internal database problems.

Application availability and performance are improved through the proactive monitoring of database space utilization. BMC POINTER CHECKER PLUS validates DL/I structural elements and it collects, reports, and monitors statistics. It also provides utilities to perform additional database management tasks.

BMC DATABASE INTEGRITY PLUS ensures the integrity and availability of the IMS database environment. It prevents programs from accessing a database with an incorrect IMS control block. It enhances the productivity of professionals who manage IMS databases.

BMC DATA PACKER/IMS maximizes your hardware investment while improving maintenance time and online performance. Through its multiple compression options, BMC DATA PACKER/IMS allows you to select the best compression method for their unique data and provides compression of up to 80 percent. The BMC Software Extended Compression Architecture (XCA) to compress data helps reduce the I/O load as more data can be transferred per I/O occurrence.

FEATURES

BMC POINTER CHECKER PLUS:

- > Verifies pointers during recovery when used with BMC RECOVERY PLUS, providing immediate information on using the database and image copy for recovery
- > Makes the database available sooner by verifying pointers during image copy or recovery
- > Decreases data management expenses by using less CPU time and fewer EXCPs
- > Reduces EXCPs and elapsed time by using alternative access methods and parallel processing
- > Interfaces to BMC IMAGE COPY PLUS and supports the IMS Image Copy utility in both batch and online environments with minimal increase in elapsed time
- > Improves the efficiency of the reload by sorting an HD Unload file using the HD Sort Program

BMC DATABASE INTEGRITY PLUS:

- > Eliminates the most common cause of database corruption by preventing control block and/or data set mismatches
- > Produces source macro statements equivalent to those that were assembled to create the control block
- > Allows mapping, disassembling, and comparison of control blocks
- > Shows database segments and their hierarchical relationships as they are defined in a DBD, PSB, or ACB

- > Offers a Library Interrogator to handle control block mismatch problems and library management tasks

BMC DATA PACKER/IMS

- > Reduces DASD requirements for full-function databases and DEDBs by 30 to 80 percent
- > Improves online IMS application response time through efficient use of IMS buffers and virtual storage
- > Incorporates features that reduce segment splits and related I/O
- > Provides efficient, free space utilization
- > Reduces elapsed time and I/O activity for sequential batch IMS applications

VALUE PROPOSITION

It is important to protect your valuable IMS data and ensure that it is available. BMC Database Integrity Family for IMS ensures data integrity and improves performance. It improves application availability and performance by monitoring space utilization. It prevents common IMS errors. BMC Database Integrity Family for IMS compresses data to improve performance.

PRODUCT FAMILY

BMC Database Integrity Family for IMS includes the following products:

- > BMC POINTER CHECKER PLUS
- > BMC DATABASE INTEGRITY PLUS
- > BMC DATA PACKER/IMS

For more information, please visit www.bmc.com/ims.

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.



To learn more about how BMC can help activate your business, visit 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.

