



BMC DATA ACCELERATOR Compression

BMC DATA ACCELERATOR Compression lowers IT costs by reducing the physical footprint of data resources and reducing CPU via state of the art I/O buffering. BMC DATA ACCELERATOR Compression does this dynamically, which also allows employee resources to concentrate on other critical business needs.

Key Benefits

- » Provides transparent data compression for batch and online applications in both VSAM and non-VSAM environments
- » Reduces physical data storage requirements by up to 50 to 90 percent
- » Features multiple compression algorithms for optimum data compression
- » Dynamically increases buffering through ABO (ACB Buffering Option)
- » Reduces CPU costs and improves performance through I/O avoidance

Business Challenge

A global economy has created the need for true 24x7 data access. As a result, IT is faced with the challenge of improving online batch performance, increasing data availability reducing processing time and storing large volume of data while minimizing CPU and storage costs. Although the raw cost for DASD has declined, new applications such as data warehousing are adding data at a rapid pace, driving the total cost for managing the data to higher levels.

In order to maximize existing resources, both in storage and CPU, IT managers are squeezing every last drop from existing resources. Some resources are easy to identify, while others are more subtle in nature, but once identified, they can provide substantial savings

The BMC Solution

BMC DATA ACCELERATOR Compression provides high-performance, easy-to-use data compression techniques for both VSAM and non-VSAM data sets. Using multiple compression algorithms, physical data storage requirements are reduced by up to 50 to 90 percent based on the algorithm selected and the type of data being compressed. The Extended Compression Architecture (XCA®) feature provides extensive data integrity checks and reduces I/O load. Additional buffering capabilities significantly accelerate the elapsed run-time of batch jobs.

Because no single compression algorithm is best for every type of data, BMC Data Accelerator Compression features seven user-selectable compression options, one or more of which will achieve industry-leading compression results. Both SMS and non-SMS data structures are supported, providing increased compression benefits over DFSMS.

Features

- » Buffers data read/write processing and reduces the amount of I/O required to read/write data
- » Provides data integrity and faster application backups
- » Reduces the storage requirements for data allocation
- » Improves performance by being compatible with all data types and SMS and non-SMS data sets
- » Offers a simulation mode/trial facility

Part of a Comprehensive Solution

BMC DATA ACCELERATOR Compression is just one of a set of transparent technologies BMC Software offers that compresses data on storage devices, increases utilization and improves the service of networks and data storage. BMC Software compression technologies maximize existing technology investments, regardless of platform.

For More Information

To learn more on BMC DATA ACCELERATOR Compression, please visit <http://www.bmc.com>.

BUSINESS RUNS ON I.T. I.T. RUNS ON BMC SOFTWARE.

Business thrives when IT runs smarter, faster, and stronger. That's why the most demanding IT organizations in the world rely on BMC Software across both distributed and mainframe environments. Recognized as the leader in Business Service Management, BMC provides a comprehensive and unified platform that helps IT organizations cut cost, reduce risk, and drive business profit. For the four fiscal quarters ended December 31, 2009, BMC revenue was approximately \$1.90 billion.



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