

MAXM Database Advisor for IMS™

Proactively manage IBM® IMS™ database maintenance to maximize availability and lower costs

PRODUCT DESCRIPTION

MAXM Database Advisor for IMS automates database maintenance, prevents unplanned outages, and avoids unnecessary (and costly) processing. It enables the next generation of IMS users to manage even the most complex environments using an intuitive Web-based interface.

BUSINESS CHALLENGE

IMS data is growing, and but IMS expertise is shrinking. Higher transaction volumes are driving volatility and complexity. Unplanned outages can be catastrophic, but it's difficult to find the time or expertise needed to maintain IMS databases and systems. The key is to embrace change and move toward a self-managing IMS environment that intelligently manages database maintenance and prevents space-related outages.

BMC SOLUTION

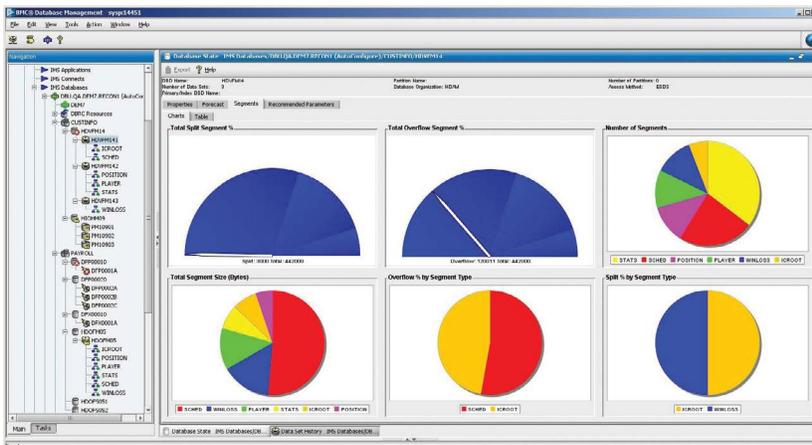
MAXM Database Advisor for IMS proactively manages your IMS reorganizations by forecasting database problems before they occur and recommending actions you can take to resolve them. Once you set threshold information, you receive notification when a database nears exception status. And if an exception does occur, you are notified immediately so that can avoid an impact to your data integrity, availability, and performance.

KEY FEATURES

- **Information gathering** – Collects and prepares information about your IMS database and environment
- **Proactive problem notification** – Predicts database problems and tells you which databases are reaching exception status
- **Suggested corrective actions** – Recommends the best course of action to prevent or correct issues with the database
- **Easy-to-use interface** – Provides interactive charts and tables that display current state as well as historical information about jobs, databases, database partitions, data sets, and segments
- **Comprehensive solution** – Works with all IMS database types: full-function, HALDB, Fast Path, and BMC Partitioned Database Facility

KEY BENEFITS

- Improves IMS data availability by reducing frequency and length of database outages
- Conserves data management resources by optimizing when and if scheduled reorganization jobs are run, lowering CPU and DASD usage
- Saves DBAs time by eliminating the need to supervise day-to-day database maintenance activities
- Reduces learning curve to ensure that newer IMS staff can help manage the IMS environment without extensive training



◀ You easily manage database reorganizations through the IMS Console.

PRODUCT DETAILS

Proactive database maintenance: MAXM Database Advisor for IMS forecasts when problems are likely to occur so that you can make adjustments and ensure the highest levels of data integrity, availability, and performance.

Automatic notification: The solution notifies you (with an email and/or WTO message) when exceptions occur. You are aware of problems immediately, and you will no longer receive calls in the middle of the night to resolve non-critical problems.

Freedom through automation: MAXM Database Advisor for IMS eliminates the manual work of collecting database statistics and reading space reports. Data is collected and analyzed only when necessary, and analysis and recommendations are applied consistently.

Advice on best corrective actions: You can select and generate the best possible corrective actions for the problems on the exceptions list—enabling you to spend less time and effort on diagnosing and resolving problems. This enables the next generation of DBAs to learn how to solve IMS database problems quickly.

Consistent results: Because most problems can be solved in a variety of ways, you might choose a different solution than another DBA might choose. With MAXM Database Advisor for IMS, an optimal solution is generated consistently for every problem, based on your availability goals.

No unnecessary reorganizations: You will save time and resources with MAXM Database Advisor for IMS because it reorganizes only the databases that need to be reorganized. Many database teams reorganize databases routinely, regardless of whether the reorganization is necessary. This results in database outage and wasted system resources. The Conditional Reorg feature ensures that databases are reorganized only when MAXM Database Advisor for IMS has identified a problem that can be solved by reorganization.

Easy to use: MAXM Database Advisor for IMS is easy to use, providing the next generation of DBAs the ability to make informed, intelligent decisions about managing IMS databases.

The **BMC IMS DBA Toolkit**, an integral part of MAXM Database Advisor, provides a single interface to all the IMS databases in your enterprise. With each BMC reorganization utility execution, information about what maintenance has been performed (and when) on a database is automatically recorded and accumulated into monthly and yearly reports so you can analyze trends. Interactive charts and tables display current state and historical information about jobs, databases, database partitions, data sets, and segments. A Disassembly function ensures that the source code for IMS control blocks is available.

The **BMC IMS console** provides a single, easy-to-use graphical user interface (GUI) for managing IMS systems and databases. Through the interface, you can view statistics for and perform operations on all your IMS databases, whether on one z/OS instance or spread across many instances in many physical locations.



FOR MORE INFORMATION

To learn more about BMC MyIT, please visit bmc.com/ims.

About BMC

BMC delivers software, services, and expertise to help more than 10,000 customers, including 92% of the Forbes Global 100, meet escalating digital demands and maximize IT innovation. From mainframe to mobile to multi-cloud and beyond, our solutions empower enterprises of every size and industry to run and reinvent their businesses with efficiency, security, and momentum for the future.

BMC – Run and Reinvent

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