



BMC SQL Performance Family for DB2 z/OS

The premier SQL performance solution for DB2 for z/OS

KEY BENEFITS

- > Increases availability by pinpointing resource-consuming SQL statements without running a DB2 SQL trace
- > Increases programmer productivity and efficiency by providing both analysis of access paths and easy-to-use tuning tools
- > Solves application performance problems by quickly identifying the most expensive SQL statements and making tuning recommendations
- > Avoids application performance problems by proactively correcting problems before an application reaches production
- > Provides in-depth index optimization recommendations including identification of unused indexes and "what-if" analysis

BMC SQL Performance Family for DB2 z/OS provides an integrated SQL tuning solution by helping DBAs and application developers diagnose application performance problems and write applications that perform much more efficiently, thereby reducing overall costs.

BUSINESS CHALLENGE

The primary cause of inadequate DB2 application performance is poorly written SQL statements, whether it is dynamic SQL written by a user or generated by an ERP application. Poorly written SQL increases costs in many ways.

- > Poorly performing DB2 applications degrade end-user response times, making application end users less productive, and it adversely affects the volume of business transactions each end user can perform.
- > A poorly performing DB2 application typically consumes more computer resources than required, which could accelerate the need to acquire expensive hardware and software upgrades.
- > DB2 application performance problems require expert knowledge, costly diagnosis processes, and a substantial investment of time to identify and properly resolve the performance problem.

THE BMC SOLUTION

BMC SQL Performance Family for DB2 z/OS helps DBAs and application developers diagnose application performance problems and write applications that perform much more efficiently, thereby reducing overall costs. BMC SQL Performance Family for DB2 z/OS helps application developers and DBAs optimize application performance by tuning the application SQL.

In addition to the SQL tuning capabilities, BMC SQL Performance Family for DB2 z/OS includes an index advisor capability to ensure that existing indexes are optimally structured to support the production applications. Indexes can marginally degrade the performance of transactions that insert or update data. Having too many indexes or ineffective indexes can be harmful to application performance.

BMC SQL Performance Family for DB2 z/OS addresses tuning and optimization both during development and production. It analyzes indexes to ensure they are optimally defined. It also facilitates the analysis of dynamic SQL, including SQL generated by ERP applications.

FEATURES

- > Quickly identifies the most expensive SQL statements and makes tuning recommendations that improve SQL performance
- > Provides in-depth index optimization recommendations including identification of unused indexes and "what if" analysis
- > Identifies poorly performing DB2 applications without requiring technical staff to run resource-intensive DB2 SQL traces
- > Provides an analysis of SQL as well as recommendations for tuning
- > Assists in improving DB2 application performance in both development and in production
- > Provides advanced filtering capabilities
- > Shows SQL performance data for all DB2 subsystems in a sysplex on a single display

VALUE PROPOSITION

BMC SQL Performance Family for DB2 z/OS helps application programmers and DBAs quickly diagnose and correct application performance problems. The index analysis feature helps application programmers and DBAs identify and address performance problems faster and more efficiently.

PRODUCT FAMILY

BMC SQL Performance Family for DB2 z/OS includes the following products:

- > BMC APPTUNE for DB2
- > BMC SQL Explorer for DB2

For more information, please visit 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 mid-sized 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.



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