We put the "optimize" in optimization

TriTune

IT organizations are being asked to reduce processing costs while simultaneously improving service levels with increasingly fewer skilled technical staff and constant budget cuts. TriTune is an advanced Performance Analysis and Tuning Solution designed to address one of the primary issues impacting the performance, cost and complexity of today's massively scaled z/OS-based systems – application efficiency.

TriTune helps performance engineers, technical analysts, and application development teams isolate the sources of excessive processing faster and more easily than traditional application performance analysis products. TriTune is the most advanced solution for eliminating performance inefficiencies that unnecessarily inflate application operational costs.

What's New in Release 4.2

TriTune Synchronous Data Gatherer

TriTune r4.2 includes the TriTune Synchronous Data Gatherer which gathers and displays data from SQL statements. The gathered data provides valuable information about performance and resource use of IBM DB2 for z/OS applications.
With TriTune, you do not require resource-intensive IBM DB2 for z/OS SQL traces to gather data. The TriTune Synchronous Data Gatherer facility collects relevant performance measurements in real time for every SQL statement that is executed in an IBM DB2 for z/OS subsystem, and the collected data is then summarized and stored for TriTune analysis. This method of collecting data provides detailed information about the performance and resource usage of IBM DB2 for z/OS applications, while avoiding the costly overhead and large volumes of data that are often associated with other IBM DB2 for z/OS performance aids.

Expanded Functionality for IBM DB2 for z/OS Explain

TriTune includes a new integrated function for IBM DB2 for z/OS Explain to complement workload analysis. TriTune calls IBM DB2 for z/OS and issues the EXPLAIN command for both dynamic and static SQL. In addition, TriTune has been redesigned to improve performance when using the Explain function and to provide a base for future product enrichment.

Additional IBM DB2 for z/OS Enhancements

Additional enhancements for IBM DB2 for z/OS are focused on improved usability. They include:

- Consolidation of IBM DB2 for z/OS flags to simplify flag selection
- IBM DB2 for z/OS zIIP information per SQL statement
- Display of IBM DB2 for z/OS DASD/cache ratio, I/O counts
- Addition of functionality to differentiate between various FETCH ROWSET commands

Usability Enhancements

Numerous usability enhancements help you optimize your use of TriTune. They include:

- Redesigned reporting for DFHDFDS3 and DFSREP00 dispatching TCB
- Rearchitected active/wait sample reporting
- SRB performance improvements
- Report on unique TCB sample in Timeview feature and improve SVC identification
- IBM z/OS version 1.10 support
- Various improvements to product documentation for clarity and additional details

495 Old Connecticut Path | Suite 120 | Framingham, MA 01701 | USA | *Tel* 508 405 4346 *Fax* 508 405 4359
contact@aqm-solutions.com http://www.aqm-solutions.com

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Analysis Improvements

Enhancements to the Analysis feature include:

- Continuing storage constraint relief
- Improved navigation between Views
- Revised Resource Demand chart to show 0% utilization as blank

Enhancements to CallerID Functionality

These enhancements, which improve usability and performance of the CallerID feature, include expanded support for program objects plus improved support for CallerID application/activity identification.

Enhancements for TriTune Support for IBM IMS

TriTune r4.2 includes toleration for IBM IMS version 11.1. The addition of intelligence to bypass IMS-centric code path when there is no IMS activity is also included.

Server Enhancements

Server feature enhancements include visibility (countdown) for password expiration and the addition of enterprise passwords.

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contact@aqm-solutions.com http://www.aqm-solutions.com

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