

CA Unified Infrastructure Management for Microsoft SQL Databases



At a Glance

CA Unified Infrastructure Management (CA UIM) for Microsoft SQL constantly monitors the internal performance and space allocation throughout the SQL Server® database. It feeds essential information based on pre-defined criteria to the CA UIM console for appropriate alert notification when required. An extensive range of checkpoints can be selected and individually scheduled to meet specific monitoring requirements. CA UIM is a rapidly deployed solution that requires minimal customization and administration.

Key Benefits/Results

- Unified visibility.** Helps pre-empt outage and degrading conditions through a single, unified platform
- Ease-of-use.** Allows on-demand delivery with “plug-and-play” probe architecture
- Faster time-to-value.** Installs and deploys to 100+ servers in under three minutes
- Reduced cost and complexity.** Simplifies maintenance of multiple platforms

Key Features

- Customizable, real-time dashboards.** Configure service delivery information based on roles within the organization, and get SLA and historical performance reports.
- Business metric monitoring.** Enable aggregation of monitoring data from disparate sources to provide current views of critical business services that impact customer experience.
- Unified trending and root-cause analysis.** Quickly identify and correct problems across your entire IT infrastructure before they become performance issues while delivering SQL alert logs and multiple local and/or monitoring of Microsoft SQL instances.

Business Challenges

Microsoft SQL database is a software product that primarily stores and retrieves data as requested by other software applications. The request can come from the same computer, from another computer or across a network. Most monitoring solutions focus on the database itself for high availability and peak performance, without monitoring the database in the context of the business service it supports.

Solution Overview

CA UIM for Microsoft SQL is a comprehensive solution for improving the end-user experience. From monitoring application response time at the desktop to monitoring performance and availability of the IT infrastructure, CA UIM can give you a 360-degree view of business critical services. Data is correlated to business service dashboards and measured against predefined SLAs to warn you of threatening conditions.

CA UIM uses a Message Bus Architecture that allows all monitoring components to communicate with each other, without direct program-to-program connections. This architecture acts as an abstraction layer between the core system and the monitoring probes for greater agility.

CA UIM includes a set of specialized and platform-specific database probes which target a wide array of database metrics to ensure status awareness for DBAs and database managers. Probe and trend reports are key to provide insights on database server reliability, resource utilization and more.

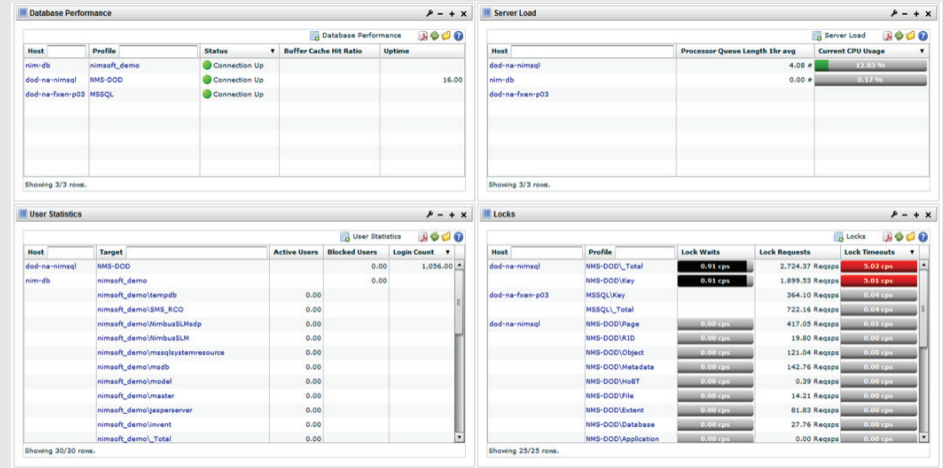
Critical Differentiators

Monitoring databases against SLAs:

CA UIM provides SLA creation, monitoring and reporting functions, making it possible to map database performance metrics into an SLA that defines database service level objectives (SLOs). The SLA monitoring solution will continuously analyze database performance and perform calculations to determine if the database SLA is safely in compliance. It also determines if an SLA breach is imminent if a problem condition is allowed to persist. The SLA solution includes a color-coded SLA compliance/breach trend indicator. Alerts can be generated when the percentage of compliance decreases below a predefined threshold.

SQL probes to monitor key performance metrics. The CA UIM for Oracle probe periodically scans configurable sets of monitoring profiles and applies these checks to local or remote Oracle instances without modifying any tables in Oracle, while working with a standard Oracle installation.

CA UIM offers at-a-glance insights into the performance and resource utilization of Microsoft SQL databases.



Historical trend reporting: CA UIM provides historical performance reporting to provide the necessary visibility to help foresee and disrupt trends that may impact database service levels.

Supported Environments

- SQL Server 2014
- SQL Server 2005 and newer

For more information, please visit ca.com/uim

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