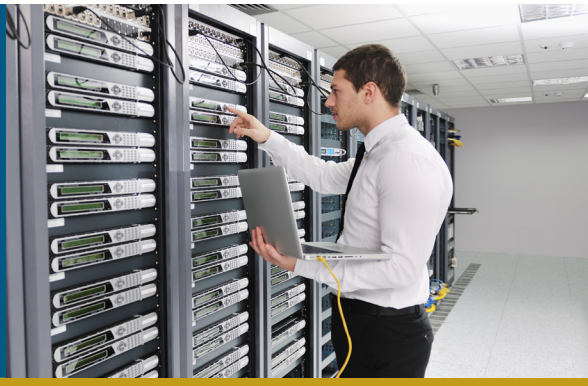
Surveillance for MongoDB®

Turnkey Monitoring to Optimize MongoDB Performance



Database Performance Monitoring Toolset

Key Benefits

- *Complete support of versions 3.x - 4.x*
- *View the overall health of key areas of MongoDB*
- *Graph global metrics--such as active sessions, lock queues, memory usage, and much more--over many hours*
- *Use Flashback to find Top Collection Activity from yesterday or last week, showing query time, IO time, lock time, and much more*
- *Monitor currently executing commands, with full command text available*
- *Monitor real-time collection activity, for total query time, IO time, lock time, and much more*

Available via Windows or Web-Based Client

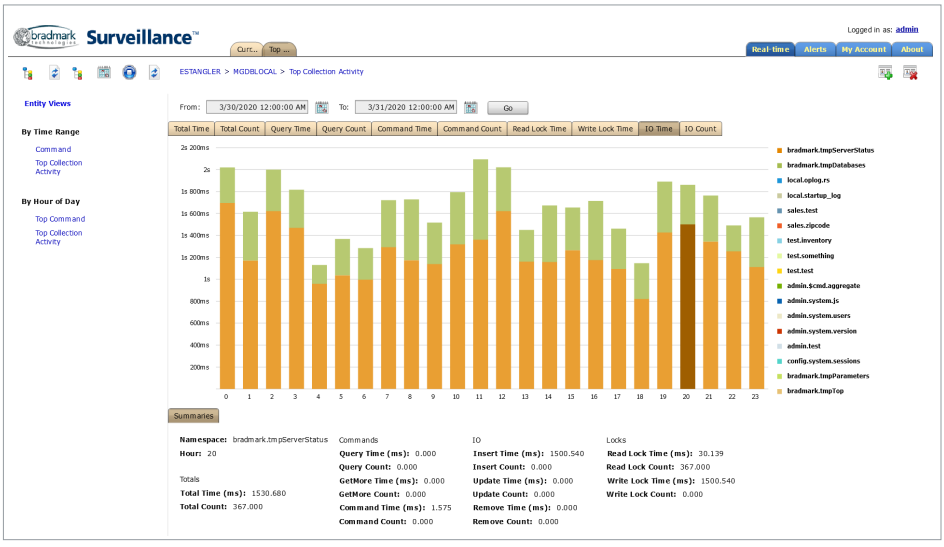
Overview

Bradmark's **Surveillance** is one of the few performance monitoring products in the database world that can monitor all essential database technologies, i.e. Oracle, SQL Server, SAP-Sybase, DB2, Informix and now MongoDB.

Surveillance for MongoDB provides essential monitoring for the MongoDB user. The Surveillance toolset consists of a real-time monitor, an unattended background monitor, a Central Alerter to monitor multiple servers, a Flashback feature that allows you to go back in time to simulate the previous events, and a Historical Repository for reporting, analysis, trending and space management. Additionally, there is a cloud version available on AWS, which makes Surveillance the one of the most comprehensive monitoring products in the MongoDB and Big Data market.

Surveillance's unattended background monitoring features utilizes standard and customized rules to determine if the database is performing within acceptable limits. If it's not, the rule sets and event handler will automatically send out an alert to the DBA that can be tailored to any specific requirement, including taking remedial action. And for after-the-fact root cause analysis, capacity planning, and server level monitoring, Surveillance's Central Repository can store historical performance and server information over your entire enterprise environment.

See Top Collection Activity By Hour - For IO Time



www.bradmark.com/surveillance

Product Functionality

Fully Asynchronous Collections provides enhanced collectors and other components to gather metrics more asynchronously, providing a more reliable, scalable, and responsive product.

Time Slicing enables quick, ad-hoc analysis of recent history:

- *See Top Collection activity from yesterday or last week, showing query time, IO time, lock time, and much more*
- *Review Top Commands from a few hours ago or a few weeks ago. Find out what was happening yesterday between 13:00 and 15:00, for example*

Web Client Reporting provides long-term historical metrics via data mined from the Central Repository database to:

- *Graph global metrics--such as active sessions, lock queues, memory usage, and much more--over many hours*
- *Review historical query plans for Top Commands in the past*

Real-Time Monitoring Views

- Monitor currently executing commands, with full command text available
- Monitor connections
- View locks
- Monitor database space usage
- Display / search all settings, or just the changed (non-default) settings
- Terminate commands from the UI
- Server Health view provides top-level views of key performance and utilization metrics including:
  - *Most utilized database and logs segments*
  - *Configured resources reaching capacity*
  - *Overall CPU, IO, and cache performance with tabs to look at engine utilization, device IO, and individual cache performance*
  - *Timed event statistics identify specific resource bottlenecks*
  - *Objects with the highest IO rates*
  - *Network IO*

Unattended Event Management provides out-of-the box rules to alert DBAs of free space and long-running commands

System Requirements

Console Requirements:

- Windows 7 or later
- 600 MHz Pentium Processor
- 128 MB of RAM
- 100 MB free hard disk space

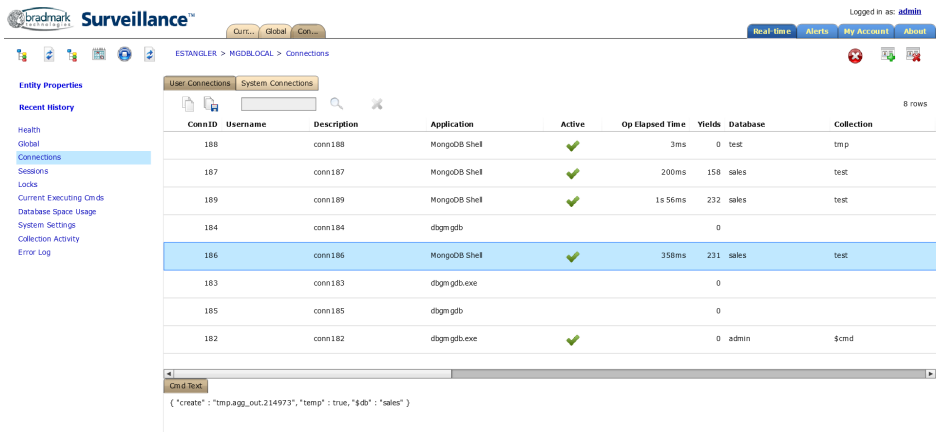
Agent Requirements:

- Platforms: Windows Server 2003 or later, AIX, HP-UX PA-RISC, HP-UX Itanium, Linux x64 - x86, Linux POWER, Solaris SPARC, Solaris x64
- Full 64-bit support on UNIX and Linux
- 200 MB disk space, plus repositories

Database Version Support:

- MongoDB version 3.6 - 4.2

See Active MongoDB Connections …



About Bradmark

For over 30 years, Bradmark Technologies has provided data management solutions to help companies manage their data, increase system reliability and drive down IT costs.

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