Foglight for SQL Server

Comprehensive performance monitoring, diagnosis and analytics for virtualized and non-virtualized databases

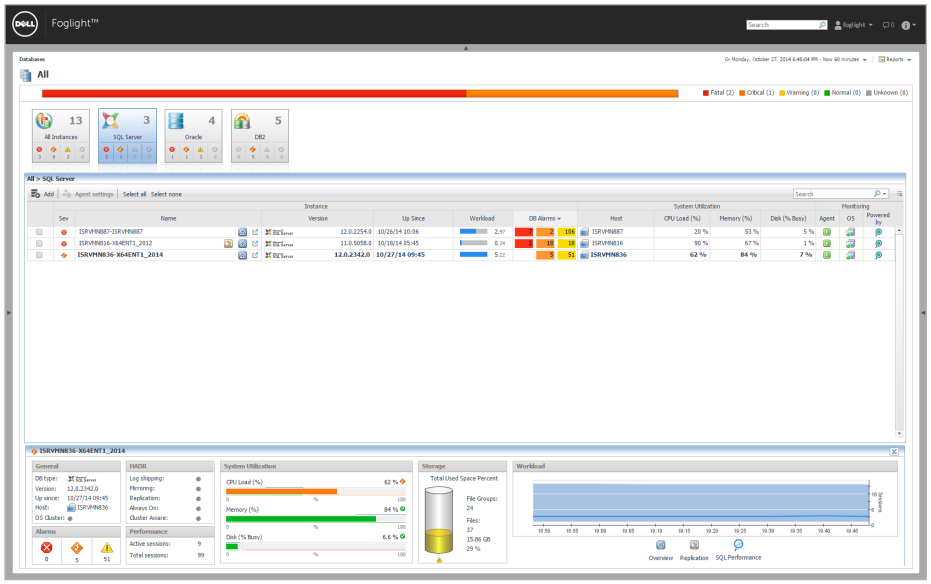
Whether it's physical, virtualized or both, keeping your database at peak performance is paramount to ensuring business continuity. For this, database administrators (DBAs) need a clear, up-to-the-second view into performance metrics. Ideally, they need unattended, 24x7 data collection with automated-alert capabilities.

Unfortunately, most native database-monitoring tools don't offer these capabilities. Many can even cause system drag that adds to performance issues.

Foglight for SQL Server gives DBAs the clarity they need to quickly and easily detect, diagnose, resolve and report on performance issues – wherever, whenever and however they occur. Foglight ensures optimal database performance with comprehensive database, storage and virtualization monitoring and advanced workload analytics – providing a wealth of information at a fraction of the impact of conventional collection methods.

Its intuitive, web-based interface allows DBAs to assess enterprise-level performance at a glance.

And with a single installer, Foglight for SQL Server is easy to deploy so you can be up and running in no time — with minimal footprint and without agent overhead drag on monitored hosts.



Intuitive dashboards provide a complete view of your virtualized and non-virtualized databases so you can diagnose and resolve issues faster.

Detect, diagnose, resolve and report on performance issues — wherever, whenever and however they occur.

Benefits:

- Get real-time and historical database performance monitoring of both virtualized and non-virtualized databases.
- View all your databases with an intuitive, web-based dashboard.
- Diagnose and resolve issues faster with multi-dimensional drilldowns and built-in expert advice.
- Proactively handle business-critical performance issues with accurate alerts.
- Experience simplified installation, deployment and administration, with no install requirements on the database.

Key features

Global view – Determine your most critical instance alarms and immediately take action to resolve performance issues, both for SQL Server and across platforms.

SQL Performance Investigator – Turn granular data into action with multi-dimensional drilldowns. Get complete historical session data, investigate high-traffic areas in the system and generate reports along the way.

Multidimensional SQL workload drilldowns – Drill into the datacube to view every dimension of your data, including users, programs, SQL and sessions.

Automated change tracking – Find out when changes to server, instance, database and schema environments occur, as well as application SQL degradations.

Comparison reporting – Identify discrepancies quickly and easily by comparing system configurations, execution plans, objects, etc. to historical data.

Lock analysis – Resolve SQL Server concurrency issues in record time with historical reviews of blocking-lock scenarios.

Built-in intelligence – The integrated Intelliprofile baselines ensure that alarms are only triggered when baselines are breached.

TempDB monitoring – Monitor TempDB performance metrics, including wait times, and view all sessions occupying TempDB. Be alerted when TempDB runs out of storage.

Wait-state analysis – Diagnose wait statistics to easily determine where waits are occurring and what is causing the event. View wait-event data down to the statement level to rapidly resolve resource-related performance problems.

Comprehensive alarm workflow – Manage and annotate alarms, set up blackouts and search for past solutions.

Enterprise-ready architecture – Get the optional Foglight for Databases to increase flexibility and add a variety of architectural features that reduce implementation costs, ensure rapid ROI, enable fast deployment and time-to-value.

Enterprise-scale monitoring – Hundreds of database instances can be monitored with a single monitoring instance.

Low overhead – Agentless data collection executed through remote agents ensures that no more than 2% CPU overhead is added to monitored database instances.

High granularity – Frequent collections at one-second intervals ensure high integrity data collection. Collection frequency is adjustable according to your overhead requirements.

Embedded repository – The data warehouse for storing historical monitoring data is embedded in the product. There is no need to purchase or install additional database instances for storage of monitoring data.

Automatic instance discovery – Deploy Foglight capabilities rapidly and painlessly with automatic instance discovery over an IP range or specific hosts.

About Dell Software

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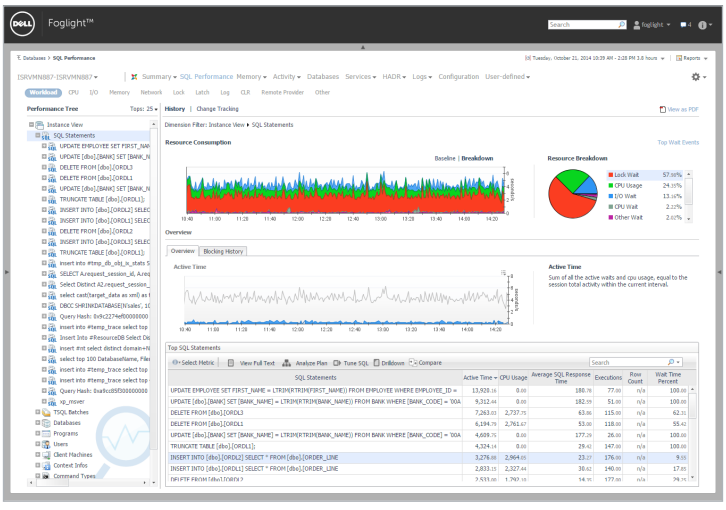
System requirements

Foglight is a web-based application and supports a wide range of client browser and database-server platforms.

Please visit our web site for detailed information about supported platforms.

Supported SQL Server database versions:

- SQL Server 2005
- SQL Server 2008
- SQL Server 2012
- SQL Server 2014



Drill into the datacube to view every dimension of your workload data, including users, programs, SQL and sessions.

Dell Software
5 Polaris Way, Aliso Viejo, CA 92656 | www.dell.com
If you are located outside North America, you can find local office information on our Web site.

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