Ignite for SQL Server



Confio® Ignite is a comprehensive database performance monitoring and analysis solution for DBAs, IT management, and application developers. Ignite® eliminates performance bottlenecks, improves application service, and reduces overall cost of SQL Server operations.

Focus on Response Time

Ignite is different because it focuses on instance response time, finding the root causes of delays inside of SQL Server. Ignite tracks every query in every session, and captures the SQL Server wait types that impose delays on the query.



Ignites helps you quickly pinpoint the issues that have the greatest impact on response time.

Show the Complete Picture

Together with response time, Ignite correlates other essential statistics to give a complete understanding of performance problems.

- ▶ Server Health Resources. Customizable metrics measure CPU, I/O, transactions and memory utilization.
- ▶ **Query Statistics.** Execution statistics for each query show how response time changes as server resources change.
- ▶ **Real Time Sessions.** Within seconds, Ignite is publishing status of sessions so that DBAs can take immediate action on current performance problems.

No other SQL Server performance solution ties response time detail to server health and sessions to give an overall understanding of why SQL Server is slow and what to do about it.

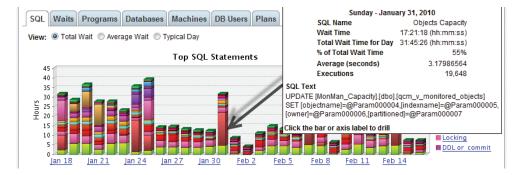
Key Advantages

- ▶ Four Clicks to Resolution. Alarm trail leads DBAs directly to the root cause of the problem in 3-4 clicks.
- ➤ No agents. No Tracing. Less than 1% load on monitored servers makes lgnite the lightest high performance monitoring tool available.
- ► Correlate Response Time to Server Health. Track delays for each query and then compare it to server health and session information for the complete picture.
- ▶ Current and Historical Trend
 Analysis. See patterns that explain
 performance over seconds, days,
 months, or years. Monitor the effects
 of changes in real-time.



Historical Trend Analysis

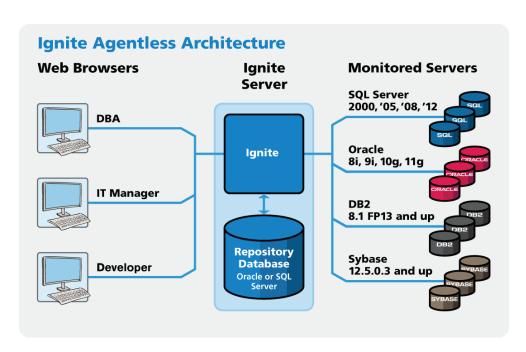
Ignite captures multiple dimensions of response time and server statistics in the performance warehouse repository. While many tools focus only on the current situation, Ignite is unique because it analyzes repetitive clues that explain why SQL Server response is slow. The graphical display makes it easy for anyone—DBAs, managers, and developers—to see the trends and patterns that tell the complete performance story.



Historical analysis exposes the root cause of problems.

Agentless Architecture

Ignite installs no software or agent on the monitored server, placing less than 1% load on databases that Ignite is watching. The Ignite server software is installed on a separate system, which can be any Windows, Unix, or Linux server, typically a test system under control of the DBA. The Ignite data warehouse repository is configured on any Oracle or SQL Server instance, either on the same or different server as the Ignite software. In multi-vendor environments, Oracle, DB2, and Sybase databases can also be monitored from the same Ignite server.



Ignite Agentless Architecture

Features

- ▶ Track locking and blocking sessions, then identify recent SQL, trace or kill the session.
- View response time delays in real time, or history up to weeks and months.
- Automatically schedule graphical performance reports for delivery to any email address.
- Set proactive alerts to be notified of problems before they become serious.

Technical Specifications

- Monitored Instances: SQL Server 2000, 2005, 2008, and 2012. Ignite also monitors Oracle, Sybase, and DB2 LUW from the same Ignite installation.
- No client software required, supported browsers include IE, Chrome, and Firefox.
- ▶ Ignite server runs on Windows and UNIX/Linux servers that support Java JRE 1.5 or higher. Highly recommended that the Ignite Server system be "always on", not a laptop that is removed from the network or turned off.
- ▶ Ignite performance repository: Oracle 8i, 9i, 10g, 11g or SQL Server 2000, 2005, 2008 or 2012. Repository instance can be on the same or a different server than the Ignite software.