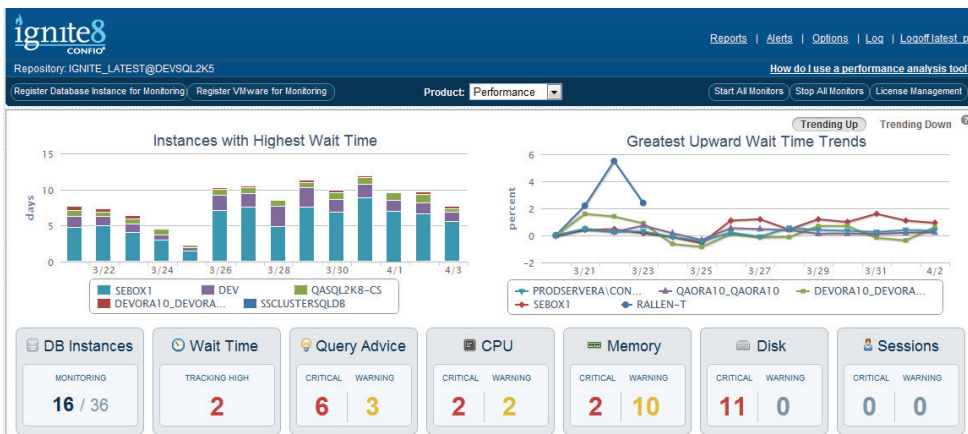# Ignite for IBM DB2

CONFIO
SOFTWARE

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 DB2 LUW database operations.

Focus On Response Time

Ignite is different because it focuses on database response time, finding the root causes of delays inside of DB2. Ignite tracks every query in every session, and captures the DB2 wait events 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

On AIX, Linux and Windows systems, Ignite for DB2 correlates essential statistics to give an understanding of how the response time, server health, and session statistics interact, providing a complete performance picture not available through through IBM and other vendors' performance tools.

- ▶ **Query Bottlenecks.** Always know exactly which queries are your most serious issues, and why.
- ▶ **Server Health Resources.** Customizable metrics measure CPU, logical and physical 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 DB2 performance solution ties response time detail to server health and sessions to give an overall understanding of why DB2 is slowing applications 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.

- ▶ **Agentless.** Less than 1% load on monitored servers, even during heavy monitoring periods.

- ▶ **Current and Historical Trend Analysis.** See patterns that explain performance over seconds, days, months, or years. Monitor the effects of changes in real-time.

- ▶ **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.
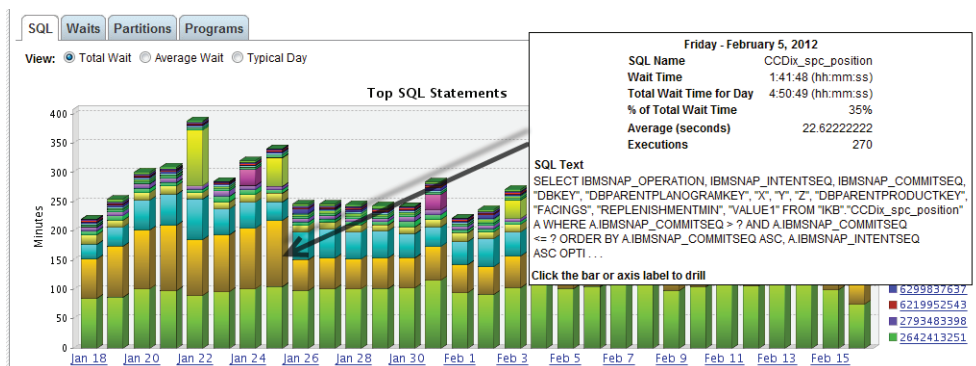
ignite8
CONFIO®

Download a free trial of Ignite for IBM DB2 from www.confio.com and be monitoring in minutes.

Confio Software   Boulder, Colorado
1-303-938-8282   info@confio.com

Historical Trend Analysis

Ignite captures multiple dimensions of response time and server statistics in the performance repository. While many tools focus only on the current situation, Ignite is unique because it analyzes repetitive clues that explain why DB2 database and E-Business application 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.
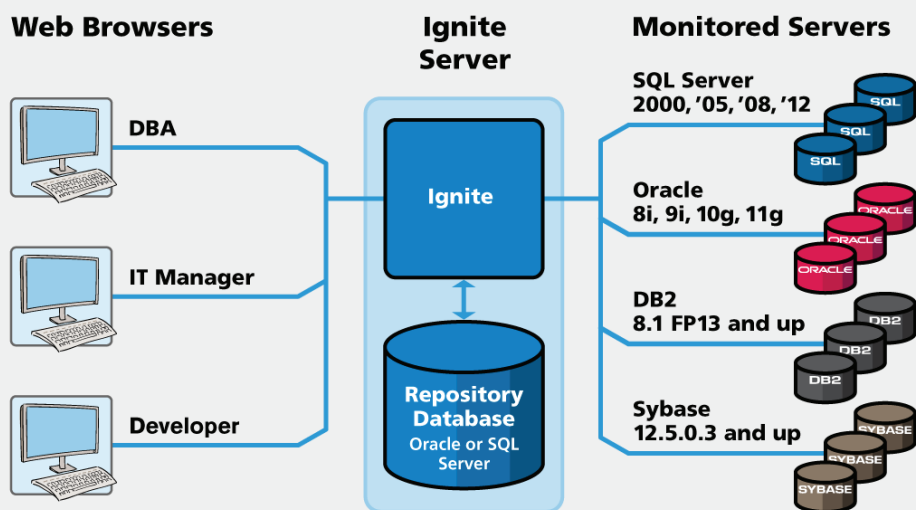

Historical analysis exposes the root cause of problems.

Agentless Architecture

Ignite installs no software or agent on the monitored server, placing less than 1% load on DB2 instances that Ignite is watching. The Ignite server software is installed on a separate system, which can be any UNIX/Linux or Windows server, typically a test system under control of the DBA. The Ignite data warehouse repository is configured on any SQL Server or Oracle instance, either on the same or different server as the Ignite software. In multi-vendor environments, SQL Server, Oracle 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: DB2 LUW Version 8.1 (Fixpack 13) and higher. Ignite also monitors SQL Server, Sybase and Oracle 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 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.