

NimBUS for BEA WebLogic Server

Ensuring High Availability and Optimal Performance of J2EE Application Services

Introduction

As they work to better align business needs with IT, many organizations have embraced service-oriented architectures (SOA). For organizations adopting SOA, BEA's WebLogic has become one of the top platform choices. The BEA WebLogic Server is a Java-based application server that has helped streamline development and ease integration in organizations around the world.

Once deployed, WebLogic server represents an integral part of an increasingly complex SOA infrastructure—and a central hub upon which many associated applications and systems rely. Given the central role the WebLogic platform plays, maintaining optimal performance and availability is vital. But how do administrators efficiently monitor multiple WebLogic servers within the context of these complex SOA environments?

The Solution

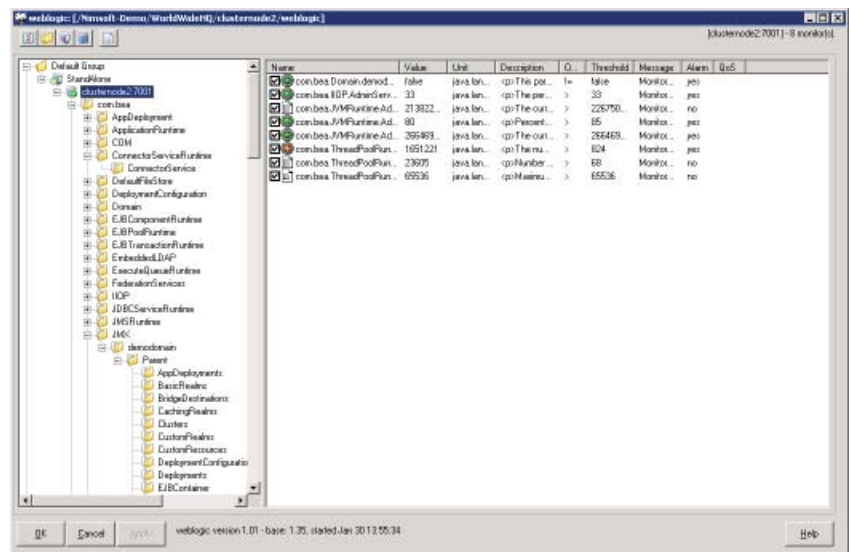
The NimBUS BEA WebLogic Probe enables administrators to centrally monitor all WebLogic servers within the enterprise. With the NimBUS WebLogic probe, administrators can more effectively ensure that any irregularities in performance and availability are detected at the earliest possible stage, and so better ensure these servers deliver optimal performance and reliability.

Features

- Robust, intuitive management interface makes all administrative tasks fast and easy
- Enables streamlined, centralized management of multiple BEA WebLogic servers
- Includes automatic resource discovery capabilities for simplified management configuration
- Supports agentless monitoring of WebLogic servers running on any supported platform

Benefits

- Significantly reduce complexity of BEA WebLogic administration
- Enjoy cost and time savings through streamlined administration of complex J2EE environments
- Ensure SLA compliance of business critical services





The NimBUS WebLogic probe offers an array of features specifically designed to make it easy to do monitoring configuration and administration in large, distributed environments. The probe can automatically discover and monitor any BEA WebLogic installation on a host machine, as well as all sub components. As a result, the NimBUS WebLogic probe makes it easy to get all the performance and availability metrics required, even in multi-server environments.

The NimBUS WebLogic probe uses the JMX interface to offer an agentless approach to monitoring, meaning it can automatically gather a wealth of availability and performance metrics—without requiring any additional software to be added to the hosted server.

With the NimBUS WebLogic probe, administrators get the quality of service data they need to understand performance trends and take precautionary actions—before users experience any outages or service degradation.

Monitoring Features that Yield Practical Insights

The NimBUS WebLogic probe...

- Offers centralized, agentless monitoring of multiple WebLogic server installations utilizing the JMX interface.
- Monitors server metrics and response time of individual WebLogic servers.
- Features support for WebLogic server clusters, including administration and execution servers.
- Provides quality of service data for trend analysis.
- Monitors compliance with service level agreements.

Armed with these insights, administrators can more effectively...

- Detect WebLogic server problems and performance degradations quickly.
- Identify bottlenecks and point of failure.
- Take corrective actions before problems impact service levels.
- Minimize service downtime.

About Nimsoft

Nimsoft provides next generation performance and availability monitoring solutions for the complete physical and virtualized IT infrastructure. The Nimsoft solutions redefine the standards for ease of use and speed of deployment—providing outstanding return on investment and unparalleled customer satisfaction. Over 600 customers in 30 countries rely on Nimsoft solutions to monitor their IT based business applications and services. These customers include mid-market and global organizations, such as Barclays Capital, Amway Corporation, Bay Area Rapid Transit, Ladbrokes, MTU Aero Engines, TriNet, TRW Automotive, and hundreds of leading managed service providers such as CDW Berbee, Easynet and Rackspace Managed Hosting. For more information, visit www.nimsoft.com.

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Requirements

The NimBUS WebLogic probe requires the JSR 160 API to be installed.

Checkpoints Monitored

The NimBUS WebLogic probe monitors relevant checkpoints for:

- Java Virtual Machine (JVM)
- Execution queues and threads
- Enterprise Java Beans (EJB)
- Servlets and Java Server Pages (JSP)
- Java Transaction API (JTA)
- Java Database Connection Pools (JDBC)
- Java Messaging Services (JMS)
- Java Connector Architecture (JCA)

Part of the NimBUS Family

With NimBUS service level management solutions, enterprises and service providers gain a centralized, cohesive view of their entire infrastructure. Whether an IT organization wants to monitor a specific network element, or the entire infrastructure on which a mission-critical application is based—including the associated network elements, databases, application servers, and more—they can do it all with the NimBUS product suite.

In addition to the NimBUS WebLogic probe, the NimBUS product family includes probes for RedHat Linux, Apache Tomcat, IBM WebSphere, Microsoft Active Directory, Citrix, JBoss, Microsoft Exchange, Microsoft IIS, IBM Lotus Notes, SAP R/3, and other widely deployed applications. These are complemented by database modules for IBM DB/2, IBM Informix, Oracle, Microsoft SQL Server, and Sybase ASE; server platform solutions for Windows, UNIX, Linux, AS400/iSeries, and Novell Netware; and solutions for managing network infrastructure, including routers, switches, and firewalls.

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