

JBoss OPERATIONS NETWORK FOR JBoss ENTERPRISE WEB SERVER

WHAT IS IT?

JBoss® Operations Network (JBoss ON) is an integrated management platform that simplifies your JBoss middleware management needs. With JBoss ON for JBoss Enterprise Web Server (EWS), you can manage your web server and the applications that run on it from the same console used to manage your JBoss Enterprise Application platform (EAP) and JBoss Service Oriented Architecture Platform (SOA-P).

WHAT DOES IT DO?

JBoss ON for EWS helps you understand your web application environment and manage its operational needs. With JBoss ON for EWS you can auto-discover web application and web server resources across single and multiple nodes, perform configuration, deployment, and control operations, and monitor the health of web servers and web applications with diagnostic information. With all these functions, JBoss ON clearly can meet the service level requirements of availability and performance for enterprise web applications.

WHY SHOULD I CARE?

Whether your enterprise is running lightweight Java applications or large-scale websites, management of the web platform is critical to your success. Making sure your web servers are up and running and that applications meet your performance goals can be difficult when you do not have the right management tools.

Application and web server downtime can cause poor customer satisfaction and bring huge losses to the business. JBoss ON for EWS simplifies your operations through a single console that delivers control of enterprise management for your web platform. With JBoss ON for EWS, you can configure and deploy applications to multiple EWS nodes, get visibility into your applications' health, and generate

diagnostic and historical data that drives improvements or resolves technical issues. JBoss ON's open standards support and plug-in framework means that your application management platform is extensible, customizable, and future-proof. JBoss ON delivers operational dependability and manageability with the reduced costs of open source.

OVERVIEW

JBoss ON for EWS is a product of the JBoss ON Management Platform. The JBoss ON server, agents, and modules inventory, administer, deploy, and update JBoss-based middleware applications through a centrally managed model. Enterprise access control offers the necessary levels of visibility, access, and auditing to maintain systems and share vital information and statistics through diverse teams. The monitoring module allows you to collect detailed performance metrics on applications and web servers, analyze the collected data, and alert you when issues are found. A customizable portal offers critical information quickly, with user- and role-based fine-grained security features that integrate with LDAP authentication.

FEATURES

JBoss ON allows for enterprise-level manageability of your JBoss EWS infrastructure, including:

- Auto-discovery of local and remote EWS and web application resources
- Control over operations that can start, stop, resume, or load applications, web servers, and web server connectors (actions can be scheduled or immediate)
- Persistent configuration of single and multiple EWS nodes
- Ability to deploy or roll back applications to EWS, content management, and version control



- Monitor the health of EWS and web applications, including critical metrics such as response time and application cache
- Graphing, charting, trend, and baseline analysis of monitoring data
- Pre-defined threshold alerts and out-of-band alerts with automated control actions
- Audit trail for configurable actions
- User management supporting LDAP authentication and fine grain access control
- Remote API accessible via SOAP and Java clients
- Extensive secure CLI support

SUPPORTED PLATFORMS

Hardware architecture

Operating system for JBoss ON server component

- Intel / AMD x86_32 and x86_64 Red Hat® Enterprise Linux® AS 2.1 or later
- Intel / AMD x86_32 and x86_64 Microsoft® Windows® (XP, 2000, 2003, Vista)
- Intel / AMD / SPARC x86_32 and x86_64 Sun® Solaris® (8, 9, 10), SuSE (8, 9, 10)
- IBM 32-bit AIX 5.2
- HP PA, Itanium® HP-UX 11.x

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Supported web servers

(for JBoss on for EWS' agent component)

- JBoss Enterprise Web Server 1.0

System requirements

- Memory 512 MB minimum, 1 GB maximum
- Storage 10 GB minimum, 40 GB maximum
- External database: Postgres 8.2.4 and higher or Oracle® 10g, 10gR2

FIGURE 1

