

MANAGED SOLUTIONS FOR JBOSS ENTERPRISE MIDDLEWARE

SIMPLIFIED MANAGEMENT FOR JBOSS ENTERPRISE MIDDLEWARE, APPLICATIONS AND SERVICES WITH JBOSS OPERATIONS NETWORK

BENEFITS

- Reduce the cost of managing JBoss Enterprise Middleware, applications, and services
- Ensure application service levels for performance and availability are being met
- Reduce application downtime and proactively address issues before they impact customers
- Simplify application provisioning, deployment, and configuration management
- Automate application patching from the Red Hat Customer Portal
- Integrate the management of development, test, and production environments

FEATURES

- Remotely deploy JBoss servers, applications, and updates
- Auto-discover application resources: operating systems, applications, and services
- Store, manage, and update application configurations
- Start, stop, or schedule an action on servers, applications and services

SIMPLIFYING JBOSS ENTERPRISE MIDDLEWARE MANAGEMENT

Managing enterprise middleware can be costly and challenging. Applications and services need to be deployed and updated quickly and consistently. Administrators need to standardize software configurations and efficiently manage across development, test, and production environments. Organizations need to ensure that application service levels for performance and availability are being met and address any production issues before they impact end users.

Implementing an effective JBoss management process can help customers simplify the deployment, management, and monitoring of JBoss Enterprise Middleware, applications, and services. Red Hat's JBoss managed solutions provide built-in management and monitoring capabilities for each JBoss Enterprise Middleware offering, to effectively manage all of your JBoss environments.

Red Hat's JBoss Operations Network, a key component of Red Hat's JBoss managed solutions, provides a single point of control to deploy, manage and monitor your JBoss Enterprise Middleware, applications, and services. JBoss Operations Network enables organizations to:

- Simplify application release management with support for application provisioning and patching
- Support IT governance objectives with enterprise-grade configuration management and run-time SOA governance
- Ensure application service levels with performance and availability monitoring

JBOSS OPERATIONS NETWORK



DEPLOY

Provisioning
Application Deployment
Patching



MANAGE

Discovery & Inventory
Configuration Management
SOA Governance



MONITOR

Performance
Availability
Alerts & Notifications

- Monitor application performance and availability
- Automatically send alert notifications when issues occur
- Integrate with third-party management solutions

PROOF POINTS

“JBoss Operations Network also enabled us to remove the questions, concerns and risks that we had during live events. We now have visibility into our web application performance.”

Chuck Payne, Systems Administrator, Travel Channel

“IDC’s JBoss Operations Network ROI analysis yielded an average 634% ROI - more than six times the initial investment - and an average payback period for the initial investment of a short 5.3 months.”¹

IDC Study - JBoss Operations Network: Measuring Business Impact and ROI

¹ JBoss Operations Network: Measuring Business Impact and ROI”, IDC White Paper #224332, Tim Grieser & Randy Perry, August 2010

JBoss PROVISIONING AND DEPLOYMENT

JBoss Operations Network enables you to accelerate JBoss provisioning and deployment, standardize deployments across all of your development, testing, and production environments, and manage change by maintaining an audit trail of your deployments and upgrades.

Through the JBoss Operations Network console or command line interface, you can remotely deploy JBoss servers, applications and services across groups of managed platforms or servers. JBoss Operations Network allows you to deploy multiple versions of your application content, maintains a history of all your deployments, and allows you to roll back changes if needed. You can also view and deploy JBoss patches from the Red Hat Customer Portal and be notified when a new patch is available so you can ensure your JBoss environment is always up to date.

JBoss MANAGEMENT AND SOA GOVERNANCE

JBoss Operations Network provides you with visibility into what is running across your development, test, and production environments by automatically discovering and maintaining an inventory of your platforms, applications, and services. It allows you to store, manage, and easily update JBoss server and applications configurations from the JBoss Operations Network console. It allows you to detect configuration changes and configuration drift, correlate configuration changes with application performance history and rollback configuration changes as needed. JBoss Operations Network provides automated and scheduled execution of operations for managed resources and resource groups. It also provides runtime SOA governance for your enterprise service bus (ESB) running on JBoss Enterprise SOA Platform.

JBoss PERFORMANCE AND AVAILABILITY MONITORING

JBoss Operations Network provides advanced monitoring of performance and availability for applications and services to help you identify and address issues before they impact your customers and your business. JBoss Operations Network allows you to ensure application service levels by measuring performance against automatically calculated baselines. Monitor data is stored in the JBoss Operations Network repository to provide both a real-time and historical view of performance and availability and allow you to analyze what was happening when an issue occurred.

You can also define alerts based upon predefined performance thresholds, send notifications via email to individual users or groups or via SNMP to third-party event management consoles and even automate operations or execute server scripts to correct faults in response to an alert.



WHAT'S NEW IN JBOSS OPERATIONS NETWORK 3.0:

- Drift Management to help you manage configuration drift and reduce application issues caused by unplanned configuration changes
- Responsive Provisioning and Configuration which enables you to automatically execute provisioning and configuration scripts in response to a monitoring alert
- Improved Usability through a new SmartGWT-based UI that provides a more simplified & consistent layout, greatly improved dashboard customization, and more responsive UI
- JBoss Provisioning Enhancements enable you to deploy applications to a group of JBoss servers
- Apache mod_cluster plugin which adds support for managing mod_cluster-based clusters for JBoss EAP 4.2.x, JBoss EAP 5.1.x, and JBoss AS 6
- PostgreSQL 9.0 database support for the JBoss Operations Network repository

COMPREHENSIVE INTEGRATED JBOSS MANAGEMENT

Effective management of your JBoss Enterprise Middleware, applications, and services can help you improve operational efficiency, reduce costs, and ensure a positive experience for your end-users. JBoss Operations Network provides a comprehensive, integrated solution to deploy, manage, and monitor your JBoss Enterprise Middleware, applications, and services.

HOW TO BUY

JBoss Operations Network is an integrated component of Red Hat's JBoss managed solutions and is also available to purchase as a stand-alone offering.

http://www.redhat.com/jboss_on/

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