

TOP 10 REASONS TO CHOOSE RED HAT JBOSS ENTERPRISE APPLICATION PLATFORM

TECHNOLOGY OVERVIEW

“JBoss Enterprise Application Platform 6 continues to demonstrate Red Hat’s penchant for delivering products that improve the productivity of developers and IT operations. While the story could end here without regrets, JBoss EAP 6 is actually the catalyst for a far bigger story that is just beginning to unfold.”

SOURCE: “HOW RED HAT’S JBOSS ENTERPRISE APPLICATION PLATFORM 6 IS EXTENDING BUSINESS VALUE” IDC, 2013

When it comes to building, deploying, and managing enterprise-level Java™ applications and services, could you benefit from a more agile and flexible platform?

Red Hat® JBoss® Enterprise Application Platform 6 is a cloud-ready, market-leading enterprise platform for next generation, highly transactional enterprise organizations. It significantly increases developer productivity and accelerates time to market for your most critical applications and services.

CHANGING CONDITIONS REQUIRE RESPONSIVE, COST-EFFECTIVE MIDDLEWARE

Business requirements today are constantly evolving, often in unpredictable ways. Time to productivity is critical. Your middleware infrastructure must provide you with the modern tools and capabilities necessary to quickly respond to these changing conditions.

Learn how Red Hat JBoss Enterprise Application Platform (JBoss EAP) can help you increase business agility, realize dramatic return on investment (ROI) and cost savings, and receive unparalleled support. And all without requiring you to lock in an expensive multi-year, unbreakable contract.

1. THE BEST RETURN ON INVESTMENT (ROI)

It’s not just less expensive, it’s better. Independent studies show that Red Hat JBoss Middleware—including Red Hat JBoss Enterprise Application Platform—delivers the fastest ROI in the industry.

A recent IDC report stated that over a three-year period, companies deploying JBoss EAP generated an ROI of 569% and paid back their initial investment in less than six months after the platform was fully deployed.¹

2. A FLEXIBLE, FUTURE-FRIENDLY SUBSCRIPTION MODEL

What good is a cloud-ready application server if it requires a costly licensing migration to reap its value? The Red Hat subscription model not only takes up-front licensing out of the equation, it also gives you more flexibility as your architecture changes. Upgrades, updates, and fixes are available at no additional cost, and on your schedule.

Red Hat JBoss Middleware products represent the best of both worlds: Software developed by a vibrant open source community with the testing, certification, documentation, training, and support expected from mature enterprise software products. A subscription model ensures that we are always working to earn your continued business.

What’s even better? A no-risk, zero-dollar JBoss EAP subscription. Developers can now download JBoss EAP for development purposes free of charge and without purchasing a subscription upon execution of a development agreement.²



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¹ IDC Research, “How Red Hat’s JBoss Enterprise Application Platform 6 is Extending Business Value” 2013

² Visit <https://www.jboss.org/products/eap.html> to download a free version of JBoss EAP for development purposes.

“Open source no longer means ‘open scare.’ With the delta between open source alternatives so large, it’s hard to understand why anyone starting anew would even think about embracing a proprietary application server”

CAMERON MCKENZIE
“COMPARING WEBSphere
AND JBoss: IT’S LIKE
SHOOTING FISH IN A BARREL”
THESERVERSIDE.COM
APRIL 2012

“Red Hat’s JBoss EAP 6 is a compelling product. Our interviews with JBoss EAP 6 customers show that the product is clearly a leading application server software platform and able to support complex mission-critical workloads.”

SOURCE: “HOW RED HAT’S JBoss
ENTERPRISE APPLICATION PLATFORM
6 IS EXTENDING BUSINESS VALUE”
IDC, 2013

3. RED HAT JBoss MIDDLEWARE LEADS THE PACK IN CUSTOMER SUPPORT

Red Hat’s mission to provide expert technical support services for JBoss Middleware is clearly acknowledged by its client base. In six years of surveys³ conducted by Velociti Partners, Red Hat JBoss Middleware has consistently beat IBM WebSphere and Oracle WebLogic middleware on customer support satisfaction.

FASTER INNOVATION: DEVELOP AND DEPLOY APPLICATIONS QUICKLY

To grow and succeed, you must be able to respond quickly to changing business conditions. Enterprises are increasingly viewing the cloud as an ideal environment in which to deliver applications faster, as long as they can do so on their own schedules and terms.

Red Hat provides the tools, technologies, templates, and advice that help developers effectively design, develop, and deploy applications with ease.

4. THE RIGHT TOOL TO DRIVE PRODUCTIVITY

Red Hat JBoss Middleware has always provided technology to make developers more productive and, as a result, helps them create the best applications possible—quickly and cost-effectively.

Included with Red Hat JBoss Enterprise Application Platform, Red Hat JBoss Developer Studio provides superior support for your entire development life cycle in a single development tool. JBoss Developer Studio includes a broad set of tooling capabilities and gives developers choice by supporting multiple Java virtual machines (JVMs) and productivity and testing tools such as Maven and Arquillian. It provides the developer with everything he or she needs to develop, test, and deploy rich web applications, mobile web applications, enterprise applications, and service-oriented architecture (SOA) services.

Getting up to speed quickly, learning about the best techniques, and having templates and architectural designs that maximize productivity is as important as the development tool itself. Enter the JBoss Way. The JBoss Way is a development approach that provides a more productive and simple way to create modern applications. It introduces frameworks, tools, and architectural designs focused on improving developer productivity in building modern applications for mobile, the cloud, and more.

Innovations such as HTML5, mobile, web-browser eventing, cloud deployment, and in-container testing can be quickly and easily adopted as part of the JBoss Way. Support for technologies like Java EE 6, Arquillian, Hibernate, AeroGear, Errai, RichFaces, JBoss Forge, TorqueBox, and OpenShift by Red Hat improves developer efficiency and provides technical capabilities that address modern application requirements, all with a cohesive architectural approach.

5. MIGRATE TO RED HAT JBoss ENTERPRISE APPLICATION PLATFORM WITH EASE

To help developers move applications quickly and easily from their current restrictive, proprietary environments to Red Hat JBoss Enterprise Application Platform, Red Hat created a new JBoss Migration Center on JBoss.org to help navigate middleware migrations. This migration center includes a set of open source migration assessment tools as well as guides and documentation that specifically address the challenges a developer may encounter when migrating applications from their current middleware technology. This center helps developers accelerate the process and reduce the risk of migrating applications to JBoss EAP.

3 JBoss Enterprise Middleware by Red Hat: Technical Support Services Leader, Velociti Partners, October, 2012

**INCREASE DEVELOPER
PRODUCTIVITY WITH
RED HAT
JBOSS ENTERPRISE
APPLICATION PLATFORM
FOR OPENSIFT
ENTERPRISE BY
RED HAT**

- For enterprises looking for cloud benefits within their own datacenters
- Further extends the developer and manageability benefits inherent in JBoss EAP for on-premise cloud environments
- With OpenShift Enterprise, Red Hat's on-premise cloud computing Platform-as-a-Service (PaaS), developers can deliver applications at the scale and velocity today's business demands.

The core of the JBoss Migration Center is Windup, an open source tool that assesses and accelerates the process of migrating workloads from proprietary application servers to JBoss EAP. Windup analyzes artifacts from Java applications and produces an HTML report highlighting areas that require changes. The analyzer is driven by customizable and extendable rules that provide information to assist the developer in migrating applications.

AN ARCHITECTURE YOU CAN GROW ON

Red Hat JBoss Enterprise Application Platform has achieved a reputation for architectural excellence and technical savvy. From its modular architecture and extremely low memory footprint to its fast startup times, JBoss EAP architecture provides the agility, flexibility, and reliability needed to help enterprises increase IT productivity resulting in operational savings and a significantly reduced time to market⁴.

6. CLOUD-FRIENDLY FOR DEPLOYING WHEREVER YOU NEED TO BE

Deploying applications to the cloud has many benefits, but when you choose to go is still up to you. Red Hat JBoss Enterprise Application Platform can help you ease into the cloud whenever you're ready, quickly and with minimal changes to your code. Similarly, organizations are now looking for ways they can to avoid committing to expensive proprietary application servers that require you to develop for a particular delivery model or approach.

JBoss EAP 6 more than delivers. Based on the first Java EE server embedded in a Platform-as-a-Service (PaaS), this platform was truly created with the cloud in mind.

With a new lightweight, modular architecture, JBoss EAP 6 is an ideal way to deliver your Java applications everywhere—on-premise or in public or private clouds. No other vendor knows what it takes to deliver enterprise-level capabilities anywhere you need them.

7. ROCK-SOLID MANAGEABILITY AND IT EFFICIENCY

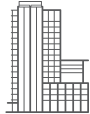
Red Hat JBoss Enterprise Application Platform 6 is a tool that administrators truly love. Built-in features such as a comprehensive, easy-to-use administrative console and a uniform, intuitive interface give administrators a better way to perform key tasks more efficiently and effectively. But that's just the start. To fully manage their entire Red Hat JBoss Middleware environment, IT professionals turn to Red Hat JBoss Operations Network.

Red Hat JBoss Operations Network provides enterprise-grade management capabilities across all JBoss development, test, and production environments. It provides a single point of control for deploying, managing, and monitoring Red Hat JBoss Middleware, applications, and services. JBoss Operations Network helps accelerate provisioning and deployment of Red Hat JBoss Middleware, applications and services, standardizes deployments across environments, and manages change by maintaining an audit trail of deployments and upgrades.

8. UNPARALLELED SCALABILITY

When scalability is critical, Red Hat JBoss Enterprise Application Platform 6 delivers. With a distributed cache that supports peer-to-peer networking, this powerful platform provides the elasticity necessary for distributed and cloud architectures.

⁴ Source: Virtuant Study: JBoss EAP vs. WebSphere: A TCO Analysis, October 2011

**ABOUT RED HAT**

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services.

Red Hat is an S&P company with more than 70 offices spanning the globe, empowering its customers' businesses.

NORTH AMERICA
1 888 REDHAT1

**EUROPE, MIDDLE EAST
AND AFRICA**
00800 7334 2835
europe@redhat.com

ASIA PACIFIC
+65 6490 4200
apac@redhat.com

LATIN AMERICA
+54 11 4329 7300
info-latam@redhat.com



facebook.com/redhatinc
@redhatnews
linkedin.com/company/red-hat

By including a distributed cache with support for replication and invalidation, JBoss EAP 6 can be configured for both high availability (e.g., HTTP session replication) and/or horizontal scaling (e.g., JPA second-level cache).

And with the inclusion of high-performance messaging, JBoss EAP 6 can process millions of Java Message Service (JMS) messages per second.

9. IMPRESSIVE PERFORMANCE AND OPTIMAL EFFICIENCY

Red Hat JBoss Enterprise Application Platform 6 is a Java EE 6 application server platform that is performance-tuned from the start for highly transactional applications in mission-critical environments. You get all the features you need to effectively and efficiently build, run, and manage your enterprise applications.

JBoss EAP 6 is a certified, lightweight Java EE 6 Web Profile-compatible implementation. Additionally, by implementing a modular services container, JBoss EAP 6 can start services in parallel and on demand, allowing them to start up faster.

Optimized to work with both multi-core and virtualized environments, JBoss EAP 6 delivers an extremely low memory footprint. Additional focus has been placed on resource utilization and port management, simplifying the effort needed to deploy JBoss EAP in virtualized environments.

10. PROVEN RELIABILITY

Sure, application server solutions work, but can you rely on them? With Red Hat JBoss Enterprise Application Platform 6, the answer is a resounding "yes."

JBoss EAP 6 is the most thoroughly tested and engineered product in the history of Red Hat JBoss Middleware. For example, the community JBoss Application Server 7 was tested in thousands of environments for more than a year before becoming the core of JBoss EAP 6.

In addition, the Red Hat quality engineering team and thousands of users tested JBoss EAP 6 during the alpha and beta programs prior to the official release.

AN APPLICATION PLATFORM THAT'S RIGHT FOR YOU

Deploy anywhere you choose. Increase developer productivity and satisfaction. Give administrators a tool they will truly love. Red Hat JBoss Enterprise Application Platform delivers all of these business advantages and more, so you can deploy more applications, manage them more effectively, update business processes, and achieve your application objectives.

To learn more about Red Hat JBoss Enterprise Application Platform 6, visit www.redhat.com/products/jbossenterprise middleware/application.