

# DEPLOY ANYWHERE WITH RED HAT JBOSS ENTERPRISE APPLICATION PLATFORM

DATASHEET

## FEATURES

- Fully certified Java EE 6 container
- Full web services stack
- Modular architecture optimized for cloud and virtualized environments
- Enterprise capabilities such as failover, caching, intelligent load balancing and distributed deployment
- Rich developer and management functionality and tooling
- Fully supported Java EE development and deployment on premise, on a private cloud and in the public cloud including hybrid cloud configurations

## BENEFITS

- Deploy new business value, faster with accelerated time-to-market
- Boosted developer productivity
- Flexible manageability
- Agility to quickly reinvent and update your systems of engagement

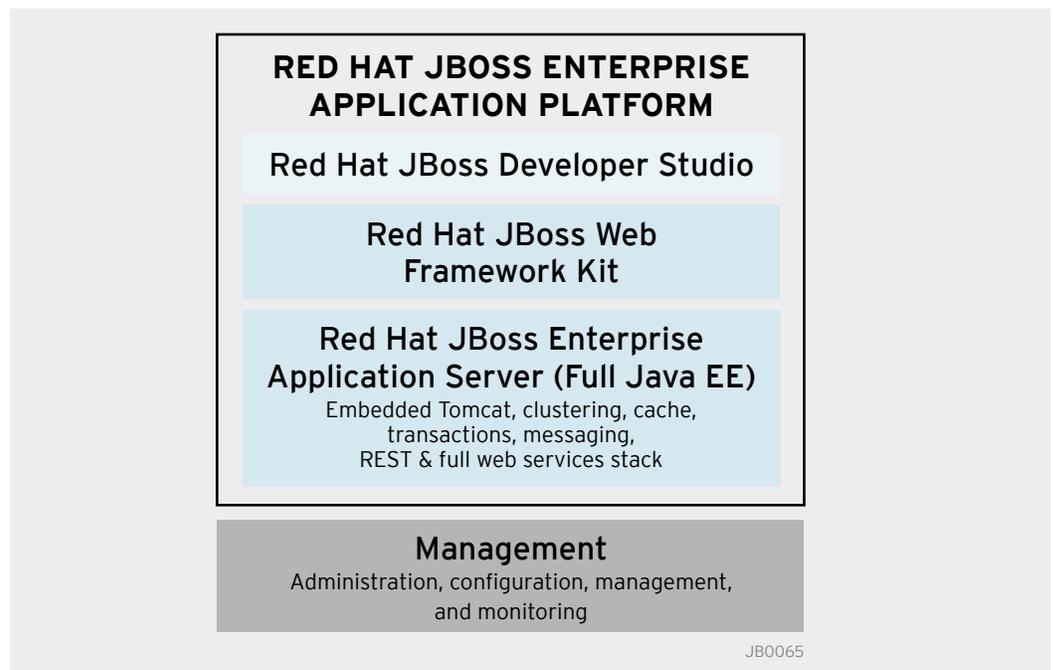


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## OVERVIEW

Red Hat® JBoss® Enterprise Application Platform (JBoss EAP) is the market-leading open source platform for next-generation Java™ applications deployed on premise, virtualized, or in private, public, or hybrid cloud environments. JBoss EAP supports a wide range of Java applications, from HTML5 mobile applications to highly transactional applications that use the Java Enterprise Edition (Java EE) programming approach.



Red Hat JBoss Enterprise Application Platform for xPaaS extends Java EE application platform capabilities to OpenShift by Red Hat's Platform-as-a-Service (PaaS) solutions for private and public clouds. JBoss EAP and JBoss EAP for xPaaS offer a fully certified Java EE 6 container and includes everything needed to build, run, and manage Java-based services on premise or in PaaS environments. JBoss EAP is based on the leading open source Wildfly project (formerly known as the JBoss Application Server project) and adds enterprise features for clustering, caching, messaging, transactions, and a full web services stack. A subscription to JBoss EAP or JBoss EAP for xPaaS also includes entitlements to Red Hat JBoss Developer Studio and Red Hat JBoss Web Framework Kit, which can improve developer productivity and choice.

<sup>1</sup> <https://engage.redhat.com/content/jboss-gartner-quadrant-201310110210s>

*“JBoss EAP 6 has a rare combination of qualities that should drive high levels of customer satisfaction across multiple dimensions, thereby ensuring compelling business value.”*

HOW RED HAT'S JBOSS ENTERPRISE APPLICATION PLATFORM 6 IS EXTENDING BUSINESS VALUE, IDC, 2013

*“For our credit decision platform, we need a highly scalable and flexible solution that allows us to develop and deploy applications quickly. We believe that JBoss Enterprise Application Platform 6 is that solution.”*

ANDREAS KARALUS  
HEAD OF IT – ARCHITECTURE,  
EASYCREDIT

With JBoss EAP for xPaaS, organizations deploying applications in the cloud don't need to compromise with a limited web profile and performance that cannot meet key enterprise requirements. Enterprises can now obtain the benefits and advantages of both the OpenShift by Red Hat cloud environments and full Java EE for their high-impact, revenue-generating applications.

## FEATURES

### FULL JAVA EE DEPLOYMENT IN THE CLOUD

JBoss EAP 6 was created with private, public, and hybrid clouds in mind from the very beginning. In fact, it is the first Java EE server offered in Platform-as-a-service (PaaS) architectures (including OpenShift by Red Hat).

- **Updated modular architecture** based on a services-driven set of components that greatly simplifies how applications can be deployed in different environments.
- **Highly efficient and optimized for simplified deployment** in any environment, resulting in extremely low memory footprint, blazing fast start-up times, efficient resource utilization, and port management.

### FLEXIBLE MANAGEABILITY

Today, many enterprises avoid rigid and complex management solutions. Instead they seek solutions that provide the ability to programmatically manage their applications, automate these processes as they build, and integrate with their own management tools and technologies.

### WORLD-CLASS DEVELOPER PRODUCTIVITY

With JBoss EAP, developers finally have the ability to keep pace with rapid line-of-business requests for new and updated applications.

- **Support for Java EE 6 and other popular Java virtual machine (JVM)-based frameworks** including Spring, Struts, and Google Web Toolkit (GWT).
- **Faster prototyping and go-to-market** with JBoss EAP for OpenShift Enterprise, which boosts productivity and accelerates innovation by providing self-service application provisioning, simplified stack management, and application auto-scaling.

### ENTERPRISE PERFORMANCE AND STABILITY

JBoss EAP 6 combines the extensibility of Java EE 6, the latest open standards, and enterprise features such as failover, caching, intelligent load balancing, and distributed deployment. Performance-tuned for highly transactional applications, JBoss EAP 6 allows you to innovate and meet strict compliance, security, and regulatory requirements simultaneously.

### ACCELERATE APPLICATION DEVELOPMENT, DELIVERY, AND PERFORMANCE:

Ask your Red Hat sales representative about Red Hat JBoss Data Grid.

### QUICKLY DEVELOP, HOST, AND SCALE YOUR JAVA APPS IN A CLOUD ENVIRONMENT:

Ask your Red Hat sales representative about OpenShift by Red Hat's PaaS offerings.

### HOW CAN I GET RED HAT JBOSS EAP?

JBoss EAP is generally available from Red Hat and its partners world-wide.

## DEVOPS ENVIRONMENTS WITH CONTINUOUS DEVELOPMENT, TESTING, AND INTEGRATION

JBoss EAP allows you to bring your development and operations teams closer together. JBoss EAP offers the latest components for continuous test and development capabilities through Arquillian, allowing you to run real integration tests with ease. And with Maven for automated and managed build processes and Jenkins for continuous integration, JBoss EAP can help your organization implement a DevOps approach and deliver applications to market faster.

## SUPPORTED STANDARDS

Red Hat JBoss Enterprise Application Platform and Red Hat JBoss Enterprise Application Platform for xPaaS are fully certified Java EE 6 containers and support all the standards included in the specification. Other supported specifications include:

- Web services standards including Simple Object Access Protocol (SOAP) and associated WS-\* standards
- Security standards such as Security Assertion Markup Language (SAML), WS-Trust, and SPnEGO/Kerberos
- Connectivity standards such as Java Database Connectivity (JDBC)

## INCLUDED WITH JBOSS EAP AND JBOSS EAP FOR XPAAS MANAGEMENT AND MONITORING TOOLING WITH RED HAT JBOSS OPERATIONS NETWORK

Red Hat JBoss Operations Network provides a single point of control to deploy, manage, and monitor Red Hat JBoss Middleware applications. The built-in management and monitoring tooling allows you to effectively administer all your Red Hat JBoss Middleware application environments, helping you improve operational efficiency, reduce costs, and ensure a positive experience for your users.

## INTEGRATED DEVELOPER ENVIRONMENT WITH RED HAT JBOSS DEVELOPER STUDIO

Red Hat JBoss Developer Studio is an Eclipse-based integrated developer environment (IDE) bundled with tools for developing, testing, and deploying rich web applications, enterprise applications, and service-oriented architecture (SOA) services. There is no need to buy multiple subscriptions to build and test on Red Hat JBoss Middleware products or pay production service-level agreements (SLAs) to get support. It's all included.

## VISIT JBOSS.ORG

Try Red Hat JBoss Enterprise Application Platform for xPaaS on OpenShift Online. Discover the benefits of developing Java EE applications in a PaaS environment. Leave provisioning, management, and scaling behind and focus on the important work—writing code for your next big Java application.

Learn more: <https://developers.openshift.com/en/xpaas.html>

Download Red Hat JBoss Enterprise Application Platform. All of our products are open source, which means you can install them, run a demo, and develop a proof-of-concept. Eliminate risk by trying the software before you buy.

Learn more: <http://www.jboss.org/products/eap/overview/>

Explore a rich library of resources. Get up to speed fast by viewing a webinar, trying out a tutorial, or watching a demo.

Learn more: <http://www.jboss.org/products/eap/resources/>

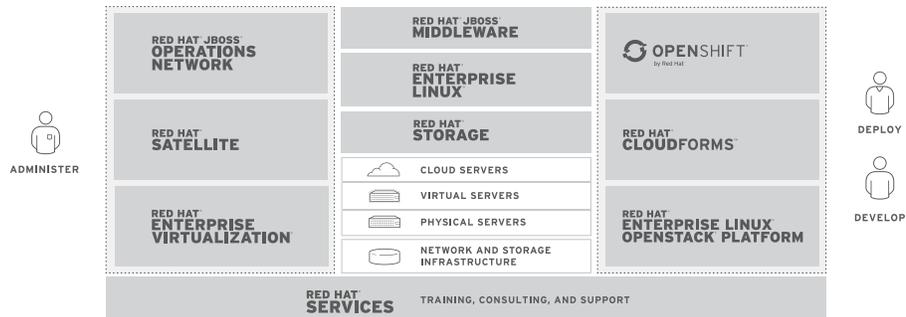
Get involved. Open source software belongs to you. Blog, join a user group, contribute code, or test upcoming releases.

Learn more: <http://www.jboss.org/products/eap/community/>



## 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 80 offices spanning the globe, empowering its customers' businesses.



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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