

DATASHEET

JBoss Enterprise Application Platform for OpenShift Enterprise

PRODUCT OVERVIEW

Red Hat's® JBoss Enterprise Application Platform for OpenShift Enterprise offering provides IT organizations with a simple and straightforward way to deploy and manage Java applications. This optional OpenShift Enterprise component further extends the developer and manageability benefits inherent in JBoss Enterprise Application Platform for on-premise cloud environments.

Unlike other multi-product offerings, this is not a bundling of two separate products. JBoss Enterprise Middleware has been hosted on the OpenShift public offering for more than 18 months. And many capabilities and features of JBoss Enterprise Application Platform 6 and JBoss Developer Studio 5 (which is also included in this offering) are based upon that experience.

This real-world understanding of how application servers operate and function in cloud environments is now available in this single on-premise offering, JBoss Enterprise Application Platform for OpenShift Enterprise, for enterprises looking for cloud benefits within their own datacenters.

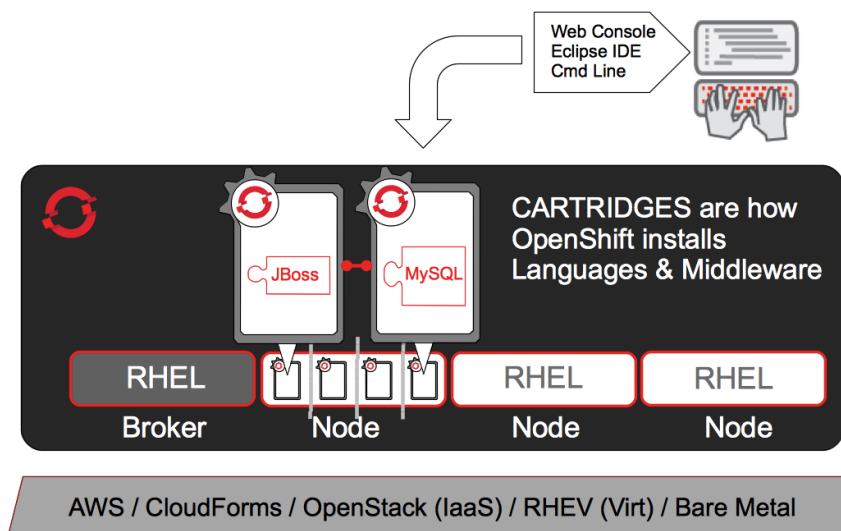
FEATURES & BENEFITS

The key capability of an application platform, no matter where it is deployed, is to get applications to market as quickly and easily as possible. JBoss Enterprise Application Platform for OpenShift Enterprise provides a complete end-to-end solution that includes tools, a certified Java EE 6 runtime environment back-end, and a proven Platform-as-a-Services (PaaS) infrastructure.

The major features of this offering are designed to simplify and accelerate developer workflow, delivering significantly improved time-to-market, and include:

Feature	Benefit
Self-service application provisioning	For many enterprise application developers, creating an application is easier than getting the right environments up and running. The self-service interface of OpenShift Enterprise enables developers to get their code into production faster than before.
Simplified stack management	No enterprise develops with only one language or framework. By creating a single, supported stack to accommodate a wide range of developer capabilities (e.g., Java EE 6, Spring, JavaScript, PHP, Ruby, etc.), application environments are easier to manage, diagnose, and scale as needed.
Application auto scaling	Enterprises need infrastructures that can keep up with demand, on demand. OpenShift Enterprise enables applications deployed on JBoss Enterprise Application Platform 6 to scale with the demands of its users automatically.

Feature	Benefit
Integrated developer tooling	All application developers want it to be easy to deploy their code to the target server. That's why JBoss Developer Studio is seamlessly integrated with both OpenShift Enterprise and OpenShift Online.
Multi-language and framework support	JBoss Enterprise Application Platform for OpenShift Enterprise includes support for a wide range of JVM-based languages and frameworks, including Spring, Google Web Toolkit (GWT), and Ruby. This solution is the only on-premise PaaS that is Java EE 6 certified.



TECHNICAL SPECIFICATIONS

Red Hat provides JBoss Enterprise Application Platform for OpenShift Enterprise as an OpenShift cartridge. When deployed within an OpenShift Enterprise environment, gears receive the same benefits as other OpenShift Enterprise cartridges such as autoscaling.

Also included with JBoss Enterprise Application Platform for OpenShift Enterprise is JBoss Developers Studio. JBoss Developer Studio provides developers with seamless access to gears deployed on OpenShift Enterprise nodes. Additionally, JBoss Developer Studio includes more than 50 Quickstarts to help developers new to Red Hat's middleware technology get started fast.

Learn more at openshift.redhat.com.

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