

JBoss Enterprise Middleware

WHAT IS IT?

JBoss Enterprise Middleware integrates and hardens the latest enterprise-ready features from JBoss community projects into supported, stable, enterprise-class middleware distributions.

WHAT DOES IT DO?

With industry-leading, 24x7 support and multi-year update and maintenance policies, JBoss Enterprise Middleware delivers enterprise-class, open source middleware for application and service hosting, business rules management, content aggregation, data federation, and service integration.

WHY SHOULD I CARE?

JBoss Enterprise Middleware is a better way to improve developer productivity, reduce time to market, automate business processes, and efficiently share enterprise data. This means you can refocus people and budget to attack more projects with significantly less risk. You can also more readily deliver the applications and services that differentiate your business. JBoss Enterprise Middleware doesn't just reduce costs. It enables you to make contributions that can actually increase revenue. Customers in nearly every vertical, large and small, already depend on JBoss Enterprise Middleware for their mission-critical applications and services. Why? In short, JBoss Enterprise Middleware delivers superior value.

JBoss Enterprise Platforms

Although open source software offers many benefits, it also presents a challenge: Integrating and maintaining the connections among multiple community projects can add complexity and cost to your IT operations. JBoss Enterprise Platforms integrate the most popular JBoss community projects into supported, stable, secure, certified distributions. You also get a single patch and update

stream, documentation, legal assurance, and multi-year maintenance policies – all delivered via subscription by Red Hat, the leader in open source solutions.

JBoss Enterprise Application Platform is the leading open source platform for next-generation JavaEE applications. Built on open standards, JBoss Enterprise Application Platform enhances JBoss Application Server with enterprise features and leading open source frameworks to provide a complete solution for Java applications. And it's integrated, simplified, and delivered by the leader in enterprise open source software.

JBoss Enterprise Web Platform is a lightweight platform for building light & rich Java applications. Based on Java standards, JBoss Enterprise Web Platform enhances the Java EE Web Profile with enterprise features for clustering, caching, failover and support for REST and basic web services to provide a complete platform for lightweight applications.

JBoss Enterprise Web Server combines marketing leading open source technologies with enterprise capabilities to provide a single solution for large scale websites and simple web applications. By integrating Apache Tomcat and Apache Web Server under a single subscription, JBoss Enterprise Web Server is a complete solution for simple Java applications.

JBoss Enterprise Portal Platform is designed to build and deploy portals for SOA user interaction and personalized presentation. The platform integrates a portal framework, CMS workflow functionality, and the JBoss Enterprise Application Platform into a single distribution.

JBoss Enterprise SOA Platform integrates applications and includes workflow capabilities to automate business processes in a service-oriented architecture. The platform is built on an enterprise service bus. It integrates a rules engine, business process automation, and the JBoss Enterprise Application Platform in a single distribution.

JBoss Enterprise SOA Platform is the next-generation ESB and business process automation infrastructure that enables superior business execution, responsiveness, and flexibility in a cost-effective, open platform. JBoss Enterprise SOA Platform allows IT to leverage existing, modern, and emerging integration methodologies to dramatically improve business process execution speed and quality.

JBoss Enterprise Data Services Platform (EDSP) is a powerful set of tools and runtime components that make it easy for your applications and business processes to use data from many data sources. EDSP includes tools for creating data views that are accessible through standard protocols, a repository for storing metadata and a robust runtime environment that provides enterprise-class performance, data integrity and security.

JBoss Enterprise BRMS (Business Rules Management System) provides an open source business rules management system that enables active decisions with easy business policy and rules development, access, and change management. A business rules management system helps an organization capture and manage business knowledge and policies. These business rules form the basis for decision-making in the organization.

JBoss Enterprise BRMS provides an open source business rules management system that enables easy business policy and rules development, access, and change management. JBoss Enterprise BRMS includes a fast and highly efficient rules engine and easy-to-use rules development, management system, and repository. JBoss Enterprise BRMS allows businesses to reduce development time for updating applications, SOA deployments, and business processes with the latest business rules and policies.

JBoss Enterprise Frameworks

In the real world, IT infrastructure environments often include a number of vendors. That's why in addition to JBoss Enterprise Platforms, Red Hat also offers modular frameworks that run with any JavaEE middleware platform and dramatically increase productivity in both development and production. JBoss Enterprise Frameworks include:

- **JBoss Hibernate** for industry-leading O/R mapping and persistence
- **JBoss Seam** for simplifying Web 2.0 application development
- **JBoss Web Framework Kit**, for quickly and easily building light and rich Java applications

JBoss Enterprise Frameworks, like JBoss Enterprise Platforms, are available via subscriptions that include certified software, industry-leading support, updates and patches, documentation, and multi-year maintenance policies.

JBoss Developer Studio - Portfolio Edition

JBoss Developer Studio Portfolio Edition gives developers everything they need to build rich web applications, transactional enterprise applications, and SOA-based integration applications. It's a certified open source development environment that integrates Eclipse, Eclipse Tooling, and the JBoss Enterprise Application Platform runtime. This subscription also includes access to JBoss Enterprise SOA, Data Services, and Portal Platforms, as well as JBoss Hibernate, Seam, JBoss Operations Network, and OpenJDK.

“Avis has absolute trust in JBoss and its mission-critical enterprise applications. We are very satisfied with the results, and we are also impressed with JBoss support. We are provided with very professional, very prompt, and very helpful answers, as opposed to the usual vendor nonsense.”

**- Jens Utech,
Director of Revenue and Fleet Applications, Avis Europe**

JBoss OPERATIONS NETWORK

JBoss Operations Network ensures that JBoss Enterprise Middleware is not only outstanding for development, but stable, predictable, and easily deployed into production as well. This customizable management platform improves operational efficiency by providing administration, automated inventory discovery, automated patch and update roll-out, and an optional monitoring upgrade for most JBoss Enterprise Middleware products. Deployed locally, core services include fine-grained user access control, auditing, scheduling, alerting, and tight integration with the JBoss Customer Support Portal. Included with JBoss Enterprise Platform subscriptions of 32 CPUs or greater, JBoss Operations Network can also be purchased separately for smaller deployments that require enterprise-class management.

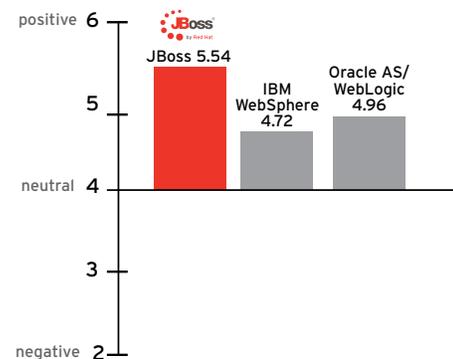
INDUSTRY-LEADING TECHNICAL SUPPORT

Expert technical support is delivered with JBoss Enterprise Middleware via the industry's highest-rated support team – exceeding BEA, IBM, and Oracle in customer satisfaction.¹ For Red Hat, support is not an afterthought. It's our core business.

Production support: You won't have to wade through uninformed support personnel to reach a subject matter expert. Once assessed, incidents are sent directly to JavaEE architects. If the issue can't be resolved, it is escalated to the core JBoss development staff. That means you're only one degree of separation from the authors of our code at all times.

Developer support: Red Hat Developer Subscriptions deliver expert advice spanning architecture, design, configuration, optimization, and tuning recommendations for all JBoss Enterprise Middleware to ensure that development projects efficiently and effectively move into production.

FIGURE 1: JBOSS SUPERIOR CUSTOMER SATISFACTION



DECREASE TOTAL COST OF OWNERSHIP

JBoss Enterprise Middleware decreases total cost of ownership in three key ways. First, because it's open source, it leverages the collective research and development power of a community thousands of developers. This not only matures the code faster and drives greater innovation, it also provides Red Hat with a superior cost structure that delivers value to our customers.

But software and support costs are just one part of the equation. Having access to the source code means that you have the ability to see exactly what's occurring in the software you're developing on. Being able to see exactly how services are provided is extremely helpful for developers to take advantage of advanced features. They can also avoid performance bottlenecks and the costly trial-and-error guesswork that hampers efficient application development and slows time to market.

JBoss Enterprise Middleware is easy to consume and use, taking just minutes to download, install, and configure. With other vendors, you could spend days or even weeks just to get started. By eliminating that wasted time, developers are more productive, more projects get started, and time to deployment is decreased. And once deployed, applications generally require fewer ongoing developer resources.



JBoss Enterprise Middleware Subscriptions

Red Hat offers software subscriptions for JBoss® Enterprise Middleware products that provide ongoing value. Features and benefits of a JBoss Enterprise Middleware subscription include:

- **Predictability:** Subscriptions are offered on an annual basis and include access to new versions at no additional cost. There are no large upfront license fees or hidden expenses.
 - **Integrated and certified enterprise platforms:** Access to enterprise open source middleware platforms, in source and binary forms, along with enterprise product documentation specific to each product release.
 - **Regular upgrades and updates:** Enhancements, new features, new platform certifications, and access to the latest defect and security fixes.
 - **Security response:** Subscriptions include an industry-recognized security response process that helps customers proactively address potential security issues in their environments.
 - **Long-term stability:** Each JBoss Enterprise Middleware product has a defined multi-year product life cycle with strict update policies that maintain application stability and compatibility for the long term.
 - **World-class technical support:** Unlimited incident support from the open source middleware experts, with coverage up to 24x7, with one-hour response time for critical issues.
 - **Red Hat Customer Portal access:** A single portal for accessing all of the benefits of a Red Hat subscription, including enterprise software delivery, product updates, critical issue notifications, knowledgebase access, and case management.
- **Partner certifications:** Deploy solutions with confidence that your enterprise middleware is fully certified by leading Red Hat ISV partners.
 - **Legal assurance:** The Red Hat Open Source Assurance program safeguards customers who are developing and deploying open source solutions from legal harm.

Subscriptions to JBoss Enterprise Middleware are provided in a virtualization-friendly model, consumed in increments of 16- and 64-processor core bands, and backed by a choice of enterprise service levels that supports any type of mission-critical deployment. Key features of the JBoss consumption model include:

- Processor cores that can be virtual or physical, making them ideally suited for the growing trend toward virtualizing middleware workloads.
- The freedom to choose the type of processor core that makes sense for the environment (different types of processor cores are treated the same).
- Technical support that covers issues across the entire application lifecycle, from development to deployment management, across any supported environment.
- A subscription for any individual JBoss Enterprise Middleware product includes development use for all of the products in the JBoss Enterprise Middleware portfolio.
- The subscription model for JBoss Enterprise Middleware provides customers with a simple and easy way to consume their enterprise middleware software.

For additional detail on JBoss Enterprise Middleware subscriptions, please read The Red Hat Subscription Guide for JBoss Enterprise Middleware. www.jboss.com/pdf/JBossSubscriptionGuide.pdf.



RED HAT DEVELOPER SUBSCRIPTIONS

Developer Subscriptions are available as software only or software plus support. JBoss Developer Studio - Portfolio Edition is a software-only subscription. Red Hat Developer Subscriptions include expert advice spanning architecture, design, configuration, optimization, and tuning recommendations for all JBoss Enterprise Middleware products. They include incidents and entitlements to tools and software for development purposes.

FOR MORE INFORMATION

For more information on JBoss Enterprise Middleware, please visit redhat.com/products/jbossenterprisemiddleware or contact your Red Hat sales representative.

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