

DATASHEET

RED HAT ROI ANALYSIS

JBoss Enterprise Application Platform Compared to JBoss Application Server, the JBoss Community Project

JBoss Enterprise Application Platform Benefits

- Integrated and stable distribution
- World-class technical support
- High availability
- Timely security patches
- Long-term maintenance
- Certified patches and updates
- Assured software
- Simple to consume

Bottom Line

For the price of an annual managed subscription for 64 cores of JBoss Enterprise Application Platform, JBoss Application Server users may reduce costs by more than \$370,000 per year.

While Red Hat's JBoss Enterprise Application Platform retains all of the innovation of the JBoss Application Server community project, only a subscription to JBoss Enterprise Application Platform meets the demanding requirements for mission-critical applications, including the assurance of SLA-based support, patches, updates, and multi-year maintenance policies.

Those who move from JBoss Application Server to JBoss Enterprise Application Platform can expect a significant return on their investments. Value results from:

REDUCED TIME TO MARKET

JBoss Enterprise Application Platform is ready to go out of the box. Red Hat integrates and tests the community components for you. Whether you are new to the technology or an expert, the wide range of resources available on the Red Hat Customer Portal in addition to Red Hat's knowledgeable support staff will assist you in your needs, simplify your learning curve, and allow you to get to production quickly. The Red Hat Global Support Services team is available to guide your application development, applying industry best practices to deliver the highest quality applications in the shortest time. With a subscription to JBoss Enterprise Application Platform, you get to market quicker and with potentially dramatic savings in development and opportunity costs.

REDUCED DOWNTIME

JBoss Enterprise Application Platform comprises an integrated and stable distribution that lessens the likelihood of service-impacting outages in your production systems. In the unlikely event of an outage, Red Hat's world-class, SLA-based technical support will help you get back online in the shortest possible time. Fewer and shorter outages add up to massive savings for your business.

REDUCED MAINTENANCE

Red Hat's single stream of certified patches and updates may greatly reduce the cost of keeping critical software up-to-date. Red Hat not only fixes issues found in the community code, but also tests and collects updates from multiple community projects into a single, certified stream that can be applied easily to your production systems. Your engineering staff are freed from scouring and relying on the community for fixes and can focus on your business needs.

REDUCED SECURITY BURDEN

Red Hat's security response team identifies, tracks, classifies, and resolves security issues via a formalized enterprise security resolution process. This team works closely with industry and government emergency response teams to ensure that emerging threats are countered and that patches are released in the shortest possible time. Therefore, JBoss Enterprise Application



Platform customers spend less time compared to JBoss Application Server community project users investigating and patching security issues. In addition, timely updates can lead to fewer security breaches, preventing potential legal penalties and brand damage.

REDUCED MANAGEMENT AND MONITORING BURDEN

Each JBoss Enterprise Application Platform managed subscription includes JBoss Operations Network, which is not available with the JBoss Application Server community project. JBoss Operations Network provides built-in management and monitoring capabilities to effectively administer all of your JBoss application environments, helping you improve operational efficiency, reduce costs, and ensure a positive experience for your end users.

REDUCED MANAGEMENT BURDEN

Customers that establish a team to maintain, enhance, secure, and perform other activities associated with adopting JBoss Application Server typically add a level of management for the project. With a JBoss Enterprise Application Platform subscription, you defer development, testing, certification, and associated management costs to Red Hat.

Upon acquiring a JBoss Enterprise Application Platform subscription, you should anticipate some costs associated with managing a relationship with a vendor. However, those costs will be significantly less than the in-house management costs associated with leveraging and managing JBoss Community projects.

HOW MUCH CAN YOU SAVE?

Here are some sample calculations. Fill in your own numbers to assess what JBoss Enterprise Application Platform might save you.

JBoss Enterprise Application Platform Subscription	Enterprise Platform	Community Project
JBoss Enterprise Application Platform with Management, 64 Core Premium	40000	\$0
Reduced Code Maintenance (fixes, performance, framework testing, etc...)	Enterprise Platform	Community Project
Typical sustaining engineering effort (FTE)	0.1	1
Typical annual burdened engineer costs	\$150,000	\$150,000
Total sustaining engineer costs	\$15,000	\$150,000
Reduced Security Burden	Enterprise Platform	Community Project
Typical effort to investigate security issues and obtain patches (FTE)	0.1	0.25
Typical annual burdened security engineer costs	\$150,000	\$150,000
Total security engineer costs	\$15,000	\$37,500
Reduced Build Mgmt/Community Code Merge/Dependency Resolution	Enterprise Platform	Community Project
Typical effort to custom build, merge community code, resolve dependencies (FTE)	0.1	0.5
Typical annual burdened build engineer costs	\$125,000	\$125,000

Reduced Build Mgmt/Community Code Merge/Dependency Resolution	Enterprise Platform	Community Project
Total build engineer costs	\$12,500	\$62,500
Reduced Testing & Certification Burden	Enterprise Platform	Community Project
Typical effort to test, certify, and QA releases and patches (FTE)	0.1	0.25
Typical annual burdened testing & certification engineer costs	\$100,000	\$100,000
Total testing & certification engineer costs	\$10,000	\$25,000
Reduced Management & Monitoring Using JBoss Operations Network¹	Enterprise Platform	Community Project
Typical effort to investigate security issues and obtain patches (FTE)	0.45	1
Typical annual burdened testing & certification engineer costs	\$125,000	\$125,000
Total testing & certification engineer costs	\$56,250	\$125,000
JBoss Application Server Adopter Program Management (developers/testers/certification, etc...)	Enterprise Platform	Community Project
Typical effort for program management (FTE)	0	0.5
Typical annual burdened security engineer costs	\$150,000	\$150,000
Total security engineer costs	\$15,000	\$37,500
Reduced Build Mgmt/Community Code Merge/Dependency Resolution	Enterprise Platform	Community Project
Typical effort to custom build, merge community code, resolve dependencies (FTE)	0.1	0.5
Typical annual program manager costs	\$175,000	\$175,000
Total security engineer costs	\$0	\$87,500
Summary		
Annual Cost	\$163,750	\$537,500
JBoss Enterprise Application Platform Subscription Annual Savings	\$373,750.00	
Self Support Premium Associated With JBoss Application Server Community Project		228.24%

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