RED HAT® JBOSS®
MIDDLEWARE

RELIABLE OPEN SOURCE MESSAGING WITH RED HAT JBOSS A-MQ

DATASHEET

"In addition to reduced licensing costs, Red Hat JBoss A-MQ delivered stability, scalability, and performance improvement."

DUC DOAN
DIRECTOR, SYSTEM ENGINEERING
E*TRADE

INTEGRATION BEYOND THE DATACENTER

Red Hat® JBoss® A-MQ is a reliable open source messaging platform that enables real-time communication between different applications, services, and devices. Based on Apache ActiveMQ, JBoss A-MQ includes tooling for development, management, and monitoring and deploys with minimal IT overhead. With the cost-effective subscription and flexible footprint, you can deploy and maintain a messaging solution where you have been previously locked out of real-time integration. And the adherence to standards—including MQ Telemetry Transport (MQTT) and Advanced Message Queueing Protocol (AMQP)—makes it possible to connect nearly everything.

The ease of deployment and interoperability easily extends your datacenter to the Internet of Things—every device, distributor, outlet, and partner. When your integration solution extends to the outer edges of your enterprise, the benefits of enlightened innovation can reach every facet of your business.

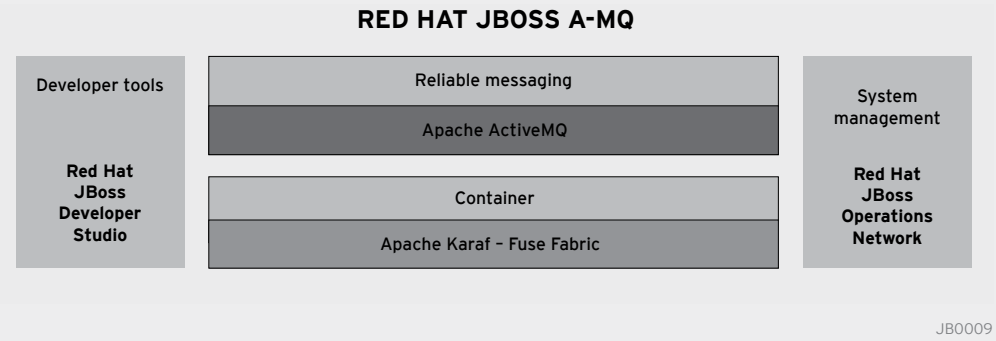
RELIABLE OPEN SOURCE MESSAGING

RED HAT JBOSS A-MQ FEATURES:	YOU BENEFIT FROM:
Near-universal interoperability with MQTT and AMQP	Wire-level compatibility that allows a mix of brokers and clients to connect, allowing nearly anything to seamlessly interact.
Reliable enterprise messaging	A proven track record of supporting mission-critical applications, backed by the services and tools you need.
Deploy on-premise or in the cloud	Support of major cloud environments, including OpenShift by Red Hat (preview only), and Fabric Management Console makes it easy to take advantage of elastic deployment.
Reduced maintenance costs	A small footprint for easy deployment and inexpensive maintenance.
Less expensive open source technology	The ability to try before you buy and deploy widely in every outlet, partner, and mobile device at substantially lower cost than traditional offerings.

SUPPORTED STANDARDS

JBoss A-MQ strictly adheres to open standards including Java™ Message Service (JMS) 1.1, Transmission Control Protocol (TCP), Secure Sockets Layer (SSL), User Datagram Protocol (UDP), Streaming Text Oriented Messaging Protocol (STOMP), network management systems (NMS), MQTT, AMQP 1.0, multicast transport protocols, and many others so that it requires minimal proprietary knowledge, and uses knowledge from a larger community of developers.

RED HAT JBOSS A-MQ COMPONENTS



Red Hat JBoss A-MQ components

ENABLING THE INTERNET OF THINGS

JBoss A-MQ reliably delivers information safely and securely between a multitude of devices, systems and applications. JBoss A-MQ can be deployed and easily managed in any configuration, so you can deploy a network of brokers across your infrastructure—on premise, in the cloud, or in a hybrid configuration.

With the cost-effective and flexible integration platform, you can make the most of all assets in your enterprise, and the benefits of enlightened integration extend to the farthest reaches of the Internet of Things.

FROM APACHE PROJECT TO RED HAT PRODUCT

Red Hat starts with the community distributions, integrates the projects, and puts resulting distributions through rigorous quality assurance processes and packages them for IT organizations.

Red Hat products are backed by training and consulting packages to help you build your applications, and by enterprise-class subscriptions that include 24x7 support and a collaborative relationship with your technology vendor.

Red Hat employs many of the Apache Project Management Committee (PMC) chairs and members for the projects, and over 25 active Apache committers. No other organization knows these projects better or has more input into the projects' direction. The years of enterprise experience combined with having an inside track at Apache make Red Hat products, services and support invaluable to any application integration projects.

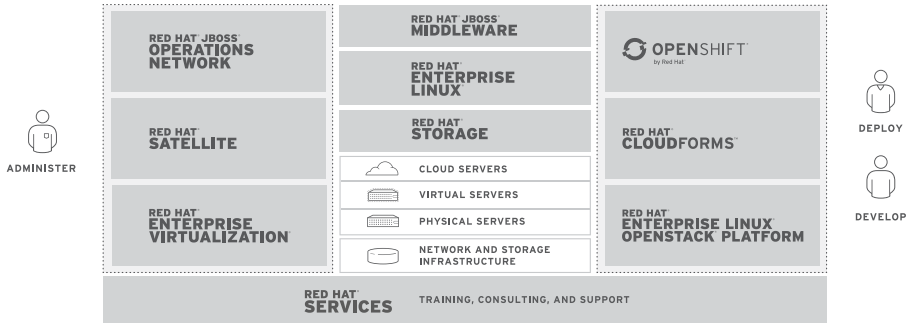
WANT TO LEARN MORE?

- **Download Red Hat JBoss Middleware products.** Install, run demos, and develop proof-of-concept projects. Eliminate risk by trying the software before you buy at access.redhat.com/downloads.
- **Learn how to make the most of Red Hat JBoss Middleware.** Peruse our resources and get up to speed fast. View webinar, tutorials, demos, and more at jboss.org/developer.
- **Get involved.** Open source software belongs to you. Blog, join a user group, contribute code, or test upcoming releases at jboss.org/contribute and apache.org.

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.

RED HAT PORTFOLIO Learn more at ***redhat.com***



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