

Red Hat Takes the Guesswork out of Cloud, Hybrid and Internet-of-Things Integration

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Middleware technology updates extend and simplify enterprise integration capabilities

SAN FRANCISCO--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced the availability of [Red Hat JBoss Fuse 6.1](#) and [Red Hat JBoss A-MQ 6.1](#), its standards-based integration and messaging products. The technologies extend and simplify integration to all facets of the enterprise, including on-premise, hybrid and cloud-based environments. The technologies ease the development and maintenance of integration solutions and provide a vast array of connectivity options.

Rising pressure from the nexus of forces - mobile devices, cloud services, social technologies, and big data - continue to expand the strategic importance of integration in the enterprise. As the [Internet-of-Things](#) moves into the mainstream, IT environments will become even more distributed and diverse. JBoss Fuse and JBoss A-MQ are well-suited to help organizations overcome the integration challenges that arise out of these forces and be more competitive in this new world.

JBoss Fuse is a small-footprint, flexible, open source enterprise service bus (ESB) that is based on [Apache Camel, an implementation of the most commonly used enterprise integration patterns \(EIP\)](#). JBoss A-MQ is a high performance open source messaging platform based on [Apache ActiveMQ](#). Its small footprint and support of standards such as [MQTT](#) and [AMQP](#) make it possible for organizations to reliably connect systems and devices across the Internet and enable the integrated Internet-of-Things. The lightweight nature of both products allows organizations to unlock the value of existing assets.

Highlights in JBoss Fuse 6.1 and JBoss A-MQ 6.1 include:

Full support of AMQP 1.0 - AMQP (*Advanced Message Queuing Protocol*) is a standard that supports wire-level compatibility, meaning that messaging servers and clients from different vendors can connect. This removes one of the last barriers to universal connectivity, enabling the integrated Internet-of-Things.

Vast library of connectors - Through the drag-and-drop implementation of the de facto standard EIP in Apache Camel, JBoss Fuse now includes more than 150 out-of-the-box connectors, including ones for enterprise systems such as SAP, software services such as salesforce.com, and social media sites such as Twitter and Facebook.

Ability to manage integration processes - The updated management console makes it possible to not only provision and manage message brokers, but to control and manage individual integration processes. Users can start, stop, measure, and trace integration services. The console unifies management across both JBoss Fuse and JBoss A-MQ, and deployments on-premise and in the cloud.

Improved high availability - An improved message store for brokers, currently available in developer preview, provides shared-nothing high availability, avoiding the need for shared storage.

Red Hat JBoss xPaaS services for OpenShift

As part of its vision to establish a unified platform that encompasses the development and management of end-to-end applications that span the web, process orchestration and integration, Red Hat released [JBoss Fuse 6.1 on OpenShift](#) as a developer preview. The preview allows users to explore the messaging and integration capabilities of Apache ActiveMQ and Apache Camel running in a Platform-as-a-Service (PaaS) environment. Using JBoss Fuse on OpenShift, Red Hat's award-winning PaaS offering, developers can create connections to, in, and with cloud and on-premise applications. They can run integration in the cloud, allowing for message queueing, transformation, and routing, which are many of the same capabilities provided by integration PaaS (iPaaS) offerings.

"Integration can be a daunting task for organizations with IT assets spread across on-premise, hybrid, or cloud-based environments," said Mike Piech, general manager, Middleware, Red Hat. "Our goal is to simplify integration and provide consistent, reliable, and highly interoperable connections to all facets of the enterprise, and in doing so, unlock the value of existing assets and enable faster innovation."

Additional Resources

[Download JBoss Fuse 6.1](#)

[Download JBoss A-MQ 6.1](#)

Learn more about [Red Hat JBoss xPaaS services for OpenShift](#)

Get started with integration in the cloud by deploying the developer preview of [JBoss Fuse on OpenShift](#)

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