

# Enterprise Service Bus Deployment with Red Hat JBoss Fuse

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<b>Code:</b>	JB435
<b>Length:</b>	2 days
<b>URL:</b>	<a href="#">View Online</a>

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Enterprise Service Bus (ESB) Deployment with Red Hat® JBoss® Fuse is a hands-on course that gives System Administrators and Java™ developers an understanding of Red Hat JBoss Fuse, a commercially supported distribution of Apache ServiceMix.

## Skills Gained

- Red Hat JBoss Fuse architecture
- Fundamental OSGi concepts and usages
- Bundles: structure, tooling, and deployment
- JBoss Fuse command line interface administration and management
- JBoss Fuse security using the Java Authentication and Authorization Service (JAAS)
- Enterprise management via Fabric, using CLI and Hawt.io management interface

## Who Can Benefit

Red Hat JBoss Fuse administrators and developers who need to learn how to install, configure, manage and deploy OSGi-compliant applications.

## Prerequisites

- Java EE application server administration knowledge
- Experience with tools such as Maven or Ant
- Basic Camel knowledge

## Course Details

### Overview of Red Hat JBoss Fuse

- Learn about the major concepts that underly the JBoss Fuse/OSGi environment, including architecture, major subsystems, and dependencies on other products.

### Install and customize Red Hat JBoss Fuse

- Locate, install, and familiarize yourself with Red Hat JBoss Fuse customizations.

### Manage Red Hat JBoss Fuse

- Use command line to exercise many subsystems of JBoss Fuse.

## **Implement OSGi in production**

- Identify the concerns OSGi addresses and how Red Hat JBoss Fuse solves for these concerns to improve development productivity.

## **Understand Fuse Application Bundles**

- Understand the differences and benefits between OSGi bundles and Fuse Application Bundles.

## **Manage Red Hat JBoss Fuse in large deployment scenarios**

- Create, customize, and deploy new servers for a production environment.

## **Implement security in Red Hat JBoss Fuse**

- Customize Red Hat JBoss Fuse to deploy a secure environment for management.

## **Fabric in Red Hat JBoss Fuse**

- Understand enterprise management of Red Hat JBoss Fuse-based integration solutions.

## **Developing with Red Hat JBoss Developer Studio**

- Understand the advantages of using Red Hat JBoss Developer Studio with the integration stack to improve developers' productivity.