

# RED HAT JBOSS CORE SERVICES COLLECTION

DATASHEET

## CORE SERVICES COLLECTION IS INCLUDED WITH THE FOLLOWING SUBSCRIPTIONS:

- Red Hat JBoss Enterprise Application Platform
- Red Hat JBoss Data Grid
- Red Hat JBoss Data Virtualization
- Red Hat JBoss Fuse
- Red Hat JBoss A-MQ
- Red Hat JBoss BRMS
- Red Hat JBoss BPM Suite

## FEATURES

- Frequently used application components included with JBoss Middleware subscriptions
- Full Red Hat support online and by phone
- Updates, patches, and security fixes

## BENEFITS

- No need to source and license these commonly needed software components
- Build applications with whichever components are appropriate
- Tested and certified software versions



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## PRODUCT OVERVIEW

Red Hat® JBoss® Core Services Collection provides components that increase the value of JBoss Middleware products by enhancing manageability, security, scalability, and interoperability. Select and deploy the core services that satisfy your use cases—including load balancing, identification and authorization, high availability, or configuration management and monitoring. Entitlement to the collection and support for the components comes with most Red Hat JBoss Middleware subscriptions. The components are tested with JBoss Middleware product releases and each component has a defined support life cycle to enable effective long-term planning and alignment across your middleware deployments.

JBoss Core Services Collection includes the following components:

- Apache HTTP server
- Internet information services (IIS) connector
- iPlanet connector
- Red Hat JBoss Operations Network
- Single sign-on (SSO) server
- Apache Commons Jsvc

JBoss Middleware subscribers receive full support for JBoss Core Services Collection, including online and phone support, updates, patches, and security fixes.

## BENEFITS

JBoss Core Services Collection provides essential capabilities needed by most enterprise applications. JBoss Core Services Collection makes it convenient and easy to build applications without having to source a wide array of components at no additional cost. You have the flexibility to build applications to meet your requirements, using whichever JBoss Core Services Collection components are appropriate for your use case.

Red Hat tests and certifies each JBoss Core Services Collection component with all JBoss Middleware products and provides updates, patches, and security fixes as needed. Deploy the latest versions of each component and upgrade versions on your own schedule, knowing that each version will be fully supported for at least three years as described by the JBoss Middleware support policy.<sup>1</sup>

<sup>1</sup> [https://access.redhat.com/support/policy/updates/jboss\\_notes/](https://access.redhat.com/support/policy/updates/jboss_notes/)

## RED HAT JBOSS CORE SERVICES COLLECTION COMPONENTS

A JBoss Core Services Collection subscription conveys full support entitlements for the following:

### Red Hat JBoss Operations Network server

JBoss Operations Network servers provide centralized management for JBoss Middleware products. JBoss Operations Network servers report status and accept configuration requests by interfacing with other JBoss Middleware products. JBoss Operations Network also enables operators to manage middleware from a single view, regardless of where each product is installed.

Learn more about JBoss Operations Network by visiting:

<https://www.redhat.com/en/technologies/jboss-middleware/operations-network>

### Apache HTTP server

Apache HTTP server, the world's most-used web server, is often deployed to handle incoming web requests for applications running on JBoss Enterprise Application Platform (EAP) or other JBoss Middleware products.

### IIS connector

For customers who prefer to use Microsoft IIS as the web server for a Red Hat JBoss Middleware installation, the IIS connector provides a straightforward mechanism to reliably route high volumes of web traffic between IIS and middleware applications.

### iPlanet connector

For customers who prefer to use Oracle iPlanet Web Server as the web server for a Red Hat JBoss Middleware installation, the iPlanet connector provides a straightforward mechanism to reliably route high volumes of web traffic between iPlanet and middleware applications.

### SSO server

The SSO server, derived from the Keycloak project, enables you to secure your web applications and provide SSO capabilities using popular standards such as SAML 2.0, OpenID Connect, and OAuth 2.0. The server features user authentication with enterprise credentials stored in Lightweight Directory Access Protocol (LDAP) servers or Microsoft Active Directory. It can also act as an identity broker, interfacing with another SSO provider or a cloud-based identity provider such as a social network. It includes easy-to-use REST application programming interfaces (APIs). Through the server's administration user interface, you can specify user federation, create role mappings, register client applications, and more. The SSO server is straightforward to integrate with applications deployed on JBoss EAP.

### Apache Commons Jsvc

Apache Commons Jsvc provides a portable means of starting and stopping a Java™ virtual machine that is running server-side applications on Linux®. It's widely used to wrap Java applications to be automatically started on a server and restarted automatically after a failure. In a Red Hat JBoss Middleware deployment, Jsvc is often used to start, stop, and monitor JBoss EAP applications.

## VERSIONING AND COMPATIBILITY

Each component in the JBoss Core Services Collection is released on an independent schedule. At any one time there may be several supported versions of each component, and it's the responsibility of the subscriber to ensure that the versions deployed are compatible with the versions of the middleware products they're supporting. Compatibility between JBoss Core Services Collection components and JBoss Middleware products is described in the products' supported configurations page on Red Hat Customer Portal.

## VISIT DEVELOPERS.REDHAT.COM

Try Red Hat JBoss Middleware products with a zero-cost developer subscription. Try out the development tools, utilize JBoss Core Services Collection components, and build fully functional applications with JBoss EAP, JBoss Fuse, JBoss BPM Suite, and more.

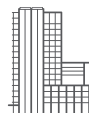
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Explore a rich library of resources. Get up to speed fast by attending a webinar, trying out a tutorial, or watching a demo.

Learn more: <http://developers.redhat.com/resources/>

Get involved. Open source software belongs to you. Blog, join a user group, contribute code, or test upcoming releases.

Learn more: <http://developers.redhat.com/projects/>



## ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.



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