



# Red Hat JBoss Web Server 3.1

## Red Hat JBoss Web Server 3.1 Service Pack 7 Release Notes

For Use with the Red Hat JBoss Web Server 3.1



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## Abstract

These release notes contain important information related to the Red Hat JBoss Web Server 3.1 Service Pack 7.

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## CHAPTER 1. RED HAT JBOSS WEB SERVER SERVICE PACK 7

Welcome to the Red Hat JBoss Web Server version 3.1 Service Pack 7 release.

The primary focus of this release is to provide the JMX listener. Also included are a few security updates and bug fixes.

The JBoss Web Server is a fully integrated and certified set of components for hosting Java web applications. It consists of:

- **Apache Tomcat:** a servlet container in accordance with the Java Servlet Specification. JBoss Web Server contains Apache Tomcat 7 and Apache Tomcat 8.
- The **Apache Tomcat Native Library:** a Tomcat library, which improves Tomcat scalability, performance, and integration with native server technologies.
- The **tomcat-vault extension:** an extension for the JBoss Web Server used for securely storing passwords and other sensitive information used by a JBoss Web Server.
- The **mod\_cluster** library: a library that allows communication between Apache Tomcat and the Apache HTTP Server's mod\_proxy\_cluster module. This allows the Apache HTTP Server to be used as a load balancer for JBoss Web Server.

Service packs for Red Hat JBoss Web Server are produced when a set of critical bug fixes and/or security patches are required before a new full release.

These service pack releases reduce the number of individual patches that we produce and enable customers to keep up to date.

This update includes all fixes and changes from Red Hat JBoss Web Server 3.1 Service Pack 6.



### NOTE

From Red Hat JBoss Web Server 3.1 Service Pack 2, all the configuration files that were changed in the patch are appended by the suffix **.zipnew** to avoid overwriting existing configuration files.

If the new or changed properties or configuration options are applicable to you, you will need to manually add or define them in their respective property or configuration file.

## CHAPTER 2. INSTALLING THE RED HAT JBOSS WEB SERVER 3.1

The JBoss Web Server 3.1 can be installed using one of the following sections of the installation guide:

- [Installing JBoss Web Server on Red Hat Enterprise Linux](#) .
- [Installing JBoss Web Server on Microsoft Windows](#) .
- [Installing JBoss Web Server on Solaris](#) .



## CHAPTER 3. UPGRADING RED HAT JBOSS WEB SERVER USING THIS SERVICE PACK

To install this service pack:

1. Download the Red Hat JBoss Web Server 3.1 Service Pack 7 file (**.zip** format) appropriate to your platform using the download link [here \(subscription required\)](#).
2. Extract the **.zip** file to the Red Hat JBoss Web Server installation directory.

For Red Hat Enterprise Linux users who have installed Red Hat JBoss Web Server from RPM packages, can upgrade to the latest service pack using yum:

```
# yum upgrade
```

## CHAPTER 4. OS/JVM CERTIFICATIONS

This update includes no additional certifications.

## CHAPTER 5. SECURITY FIXES

This update includes fixes for the following security related issues:

ID	Impact	Summary
<a href="#">CVE-2018-0739</a>	Moderate	openssl: Handling of crafted recursive ASN.1 structures can cause a stack overflow and resulting denial of service
<a href="#">CVE-2019-0232</a>	Important	Tomcat (7 & 8): Remote Code Execution on Windows

## CHAPTER 6. RESOLVED ISSUES

The following issues are resolved in the current service pack:

Issue	Description
JWS-1303	Body text property replacement fails [jws3]
JWS-1414	Tomcat frequently hangs at startup when Jolokia loads certificate [jws-3]

## CHAPTER 7. KNOWN ISSUES

The following issues are unresolved in the current service pack:

Issue	Description
JWS-1133	Tomcat8-digest missing class on CLASSPATH
JWS-1289	Tomcat does not start when path contains & or space

## CHAPTER 8. UPGRADED COMPONENTS

This service pack does not include any upgrades to major components.