Red Hat JBoss Core Services 2.4.57

Red Hat JBoss Core Services Apache HTTP Server 2.4.57 Service Pack 2 Release Notes

For Use with the Red Hat JBoss Core Services Apache HTTP Server 2.4.57
Legal Notice

Copyright © 2023 Red Hat, Inc.

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution–Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at http://creativecommons.org/licenses/by-sa/3.0/. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, the Red Hat logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux® is the registered trademark of Linus Torvalds in the United States and other countries.

Java® is a registered trademark of Oracle and/or its affiliates.

XFS® is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL® is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js® is an official trademark of Joyent. Red Hat is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack® Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation’s permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

Abstract

These release notes contain important information related to the Red Hat JBoss Core Services Apache HTTP Server 2.4.57.
# Table of Contents

PREFACE .................................................................................................................. 3

CHAPTER 1. NEW FEATURES AND ENHANCEMENTS ................................................. 4  
  1.1. JBCS SUPPORT FOR APACHE HTTP SERVER 2.4.57 ON RHEL 9 .................... 4  
  1.2. JBCS SUPPORT FOR MDEXTERNALACCOUNTBINDING ............................. 4

CHAPTER 2. INSTALLING THE RED HAT JBOSS CORE SERVICES 2.4.57 ............... 5

CHAPTER 3. UPGRADING TO THE RED HAT JBOSS CORE SERVICES APACHE HTTP SERVER 2.4.57 ................................................................. 6  
  Upgrading JBCS when installed from RPM packages .................................................. 6  
  Upgrading JBCS when installed from an archive file ................................................... 6  
  Additional Resources ................................................................................................ 7

CHAPTER 4. RESOLVED ISSUES ............................................................................... 8

CHAPTER 5. KNOWN ISSUES .................................................................................. 9

CHAPTER 6. SUPPORTED COMPONENTS ................................................................. 10

CHAPTER 7. ADVISORIES RELATED TO THIS RELEASE ....................................... 11
Welcome to the Red Hat JBoss Core Services version 2.4.57 Service Pack 2 release.

Red Hat JBoss Core Services Apache HTTP Server is an open source web server developed by the Apache Software Foundation. The Apache HTTP Server includes the following features:

- Implements the current HTTP standards, including HTTP/1.1 and HTTP/2
- Supports Transport Layer Security (TLS) encryption through OpenSSL, which provides secure connections between the web server and web clients
- Supports extensible functionality through the use of modules, some of which are included with the Red Hat JBoss Core Services Apache HTTP Server
CHAPTER 1. NEW FEATURES AND ENHANCEMENTS

Red Hat JBoss Core Services (JBCS) 2.4.57 Service Pack 2 includes the following new features and enhancements.

1.1. JBCS SUPPORT FOR APACHE HTTP SERVER 2.4.57 ON RHEL 9

From the 2.4.57 Service Pack 2 release onward, JBCS also provides an archive file distribution of the Apache HTTP Server 2.4.57 for Red Hat Enterprise Linux (RHEL) 9 systems.

**IMPORTANT**

Support is available for installing JBCS on RHEL 9 from an archive file only. JBCS does not provide an RPM distribution of the Apache HTTP Server 2.4.57 for RHEL 9 systems.

If you want to install the Apache HTTP Server from RPM packages on RHEL 9, you can use the Application Streams feature of RHEL. For more information about the different installation options, see the Red Hat JBoss Core Services Apache HTTP Server Installation Guide.

**NOTE**

The base archive file for installing the JBCS Apache HTTP Server 2.4.57 on RHEL 9 is named Red Hat JBoss Core Services Apache HTTP Server 2.4.57 Patch 02 for RHEL 9 x86_64.

1.2. JBCS SUPPORT FOR MDEXTERNALACCOUNTBINDING

JBCS 2.4.57 Service Pack 2 introduces support for the MDEXternalAccountBinding directive. This directive enables you to configure values for Automated Certificate Management Environment (ACME) external account binding, which allows clients to bind registrations to an existing customer account on ACME servers.

For more information, see MDEXternalAccountBinding Directive.
You can install the Apache HTTP Server 2.4.57 on Red Hat Enterprise Linux or Windows Server. For more information, see the following sections of the installation guide:

- Installing the JBCS Apache HTTP Server on RHEL from archive files
- Installing the JBCS Apache HTTP Server on RHEL from RPM packages
- Installing the JBCS Apache HTTP Server on Windows Server
CHAPTER 3. UPGRADING TO THE RED HAT JBOSS CORE SERVICES APACHE HTTP SERVER 2.4.57

The steps to upgrade to the latest Red Hat JBoss Core Services (JBCS) release differ depending on whether you previously installed JBCS from RPM packages or from an archive file.

Upgrading JBCS when installed from RPM packages
If you installed an earlier release of the JBCS Apache HTTP Server from RPM packages on RHEL 7 or RHEL 8 by using the `yum groupinstall` command, you can upgrade to the latest release. You can use the `yum groupupdate` command to upgrade to the 2.4.57 release on RHEL 7 or RHEL 8.

NOTE
JBCS does not provide an RPM distribution of the Apache HTTP Server on RHEL 9.

Upgrading JBCS when installed from an archive file
If you installed an earlier release of the JBCS Apache HTTP Server from an archive file, you must perform the following steps to upgrade to the Apache HTTP Server 2.4.57:

1. Install the Apache HTTP Server 2.4.57.
2. Set up the Apache HTTP Server 2.4.57.
3. Remove the earlier version of Apache HTTP Server.

The following procedure describes the recommended steps for upgrading a JBCS Apache HTTP Server 2.4.51 release that you installed from archive files to the latest 2.4.57 release.

Prerequisites
- If you are using Red Hat Enterprise Linux, you have root user access.
- If you are using Windows Server, you have administrative access.
- The Red Hat JBoss Core Services Apache HTTP Server 2.4.51 or earlier was previously installed in your system from an archive file.

Procedure
1. Shut down any running instances of Red Hat JBoss Core Services Apache HTTP Server 2.4.51.
2. Back up the Red Hat JBoss Core Services Apache HTTP Server 2.4.51 installation and configuration files.
3. Install the Red Hat JBoss Core Services Apache HTTP Server 2.4.57 using the .zip installation method for the current system (see Additional Resources below).
4. Migrate your configuration from the Red Hat JBoss Core Services Apache HTTP Server version 2.4.51 to version 2.4.57.
NOTE

The Apache HTTP Server configuration files might have changed since the Apache HTTP Server 2.4.51 release. Consider updating the 2.4.57 version configuration files rather than overwrite them with the configuration files from a different version, such as the Apache HTTP Server 2.4.51.

5. Remove the Red Hat JBoss Core Services Apache HTTP Server 2.4.51 root directory.

Additional Resources

- Installing the JBCS Apache HTTP Server on RHEL from archive files
- Installing the JBCS Apache HTTP Server on RHEL from RPM packages
- Installing the JBCS Apache HTTP Server on Windows Server
Chapter 4. Resolved Issues

The following issue is resolved for this release:

<table>
<thead>
<tr>
<th>Issue</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>JBCS-1640</td>
<td>.postinstall duplicates modifications to apachectl for each run</td>
</tr>
</tbody>
</table>
CHAPTER 5. KNOWN ISSUES

There are no known issues for this release.
CHAPTER 6. SUPPORTED COMPONENTS

For a full list of component versions that are supported in this release of Red Hat JBoss Core Services, see the Core Services Apache HTTP Server Component Details page. Before you attempt to access the Component Details page, you must ensure that you have an active Red Hat subscription and you are logged in to the Red Hat Customer Portal.
CHAPTER 7. ADVISORIES RELATED TO THIS RELEASE

The following advisories have been issued to document enhancements, bugfixes, and CVE fixes included in this release.

- RHSA-2023:7625
- RHSA-2023:7626