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

PROVIDING FEEDBACK ON RED HAT DOCUMENTATION .................................................. 4

CHAPTER 1. NEW FEATURES AND ENHANCEMENTS ......................................................... 5

CHAPTER 2. INSTALLING THE RED HAT JBOSS CORE SERVICES 2.4.57 .......................... 6

CHAPTER 3. UPGRADING TO THE RED HAT JBOSS CORE SERVICES APACHE HTTP SERVER 2.4.57 ............................................ 7
   Upgrading JBCS when installed from RPM packages ....................................................... 7
   Upgrading JBCS when installed from an archive file ...................................................... 7
   Additional Resources ...................................................................................................... 8

CHAPTER 4. RESOLVED ISSUES ....................................................................................... 9

CHAPTER 5. KNOWN ISSUES .......................................................................................... 10

CHAPTER 6. SUPPORTED COMPONENTS ......................................................................... 11

CHAPTER 7. ADVISORIES RELATED TO THIS RELEASE ............................................... 12
Welcome to the Red Hat JBoss Core Services version 2.4.57 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.
PROVIDING FEEDBACK ON RED HAT DOCUMENTATION

We appreciate your feedback on our technical content and encourage you to tell us what you think. If you’d like to add comments, provide insights, correct a typo, or even ask a question, you can do so directly in the documentation.

NOTE
You must have a Red Hat account and be logged in to the customer portal.

To submit documentation feedback from the customer portal, do the following:

1. Select the Multi-page HTML format.
2. Click the Feedback button at the top-right of the document.
3. Highlight the section of text where you want to provide feedback.
4. Click the Add Feedback dialog next to your highlighted text.
5. Enter your feedback in the text box on the right of the page and then click Submit.

We automatically create a tracking issue each time you submit feedback. Open the link that is displayed after you click Submit and start watching the issue or add more comments.

Thank you for the valuable feedback.
CHAPTER 1. NEW FEATURES AND ENHANCEMENTS

Red Hat JBoss Core Services 2.4.57 does not include any new features or enhancements.
CHAPTER 2. INSTALLING THE RED HAT JBOSS CORE SERVICES 2.4.57

You can install the Apache HTTP Server 2.4.57 on Red Hat Enterprise Linux or Microsoft Windows. 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 Microsoft Windows
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.

NOTE
JBCS 2.4.57 supports the upgrade of existing JBCS installations on RHEL 7, RHEL 8, and supported Windows Server versions only. JBCS 2.4.57 does not currently support the upgrade of existing JBCS installations on RHEL 9.

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 Microsoft Windows
The following are resolved issues for this release:

<table>
<thead>
<tr>
<th>Issue</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>JBCS-1582</td>
<td>mod_proxy_cluster does not recover http member if websocket is enabled</td>
</tr>
<tr>
<td>JBCS-1146</td>
<td>Difference between zip and rpm versions of Apachectl</td>
</tr>
</tbody>
</table>
CHAPTER 5. KNOWN ISSUES

No known issues affect this release.
CHAPTER 6. SUPPORTED COMPONENTS

For a 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-2023:4628
- RHSA-2023:4629