



Red Hat JBoss Core Services 2.4.37

Red Hat JBoss Core Services Apache HTTP Server 2.4.37 Service Pack 1 Release Notes

For Use with the Red Hat JBoss Core Services Apache HTTP Server 2.4.37

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Abstract

These release notes contain important information related to the Red Hat JBoss Core Services Apache HTTP Server 2.4.37.

Table of Contents

PREFACE	3
CHAPTER 1. INSTALLING THE RED HAT JBOSS CORE SERVICES 2.4.37	4
CHAPTER 2. UPGRADING TO THE RED HAT JBOSS CORE SERVICES APACHE HTTP SERVER 2.4.37	5
Prerequisites	5
Procedure	5
Additional Resources	5
CHAPTER 3. SECURITY FIXES	7
CHAPTER 4. RESOLVED ISSUES	8
CHAPTER 5. KNOWN ISSUES	9
CHAPTER 6. UPGRADED COMPONENTS	10

PREFACE

Welcome to the Red Hat JBoss Core Services version Service Pack 12.4.37 release.



IMPORTANT

This version of JBCS will be dropping support for Solaris systems. JBCS will continue to support both RHEL and Windows systems, but all support for Solaris has been dropped from this update.

Red Hat JBoss Core Services Apache HTTP Server is an open source web server developed by the [Apache Software Foundation](#). Features of Apache HTTP Server include:

- Implements the current HTTP standards, including HTTP/1.1 and HTTP/2.
- Transport Layer Security (TLS) encryption support through [OpenSSL](#), providing secure connections between the web server and web clients.
- Extendable through modules, some of which are included with the Red Hat JBoss Core Services Apache HTTP Server.

CHAPTER 1. INSTALLING THE RED HAT JBOSS CORE SERVICES 2.4.37

The Apache HTTP Server 2.4.37 can be installed using one of the following sections of the installation guide:

- For installation instructions for Red Hat Enterprise Linux systems, see:
 - [Installing JBoss Core Services Apache HTTP Server on Red Hat Enterprise Linux: Installation using .zip archives.](#)
 - [Installing JBoss Core Services Apache HTTP Server on Red Hat Enterprise Linux: Installation using RPM packages.](#)
- For installation instructions for Microsoft Windows systems, see: [Installing JBoss Core Services Apache HTTP Server on Microsoft Windows.](#)

CHAPTER 2. UPGRADING TO THE RED HAT JBOSS CORE SERVICES APACHE HTTP SERVER 2.4.37



NOTE

Where a Red Hat JBoss Core Services Apache HTTP Server 2.4.29 or earlier was installed from RPMs packages using **yum**, the Apache HTTP Server can be upgraded with **yum upgrade**.

For systems where an earlier version of the Red Hat JBoss Core Services Apache HTTP Server was installed from a .zip archive, upgrading to the Apache HTTP Server 2.4.37 Service Pack 1 requires:

1. Installing the Apache HTTP Server 2.4.37.
2. Setting up the Apache HTTP Server 2.4.37.
3. Removing the earlier version of Apache HTTP Server.

Prerequisites

- Root user access (Red Hat Enterprise Linux systems)
- Administrative access (Windows Server)
- A system where the Red Hat JBoss Core Services Apache HTTP Server 2.4.29 or earlier was installed from a .zip archive.

Procedure

For systems using the Red Hat JBoss Core Services Apache HTTP Server 2.4.29, the recommended procedure for upgrading to the Apache HTTP Server 2.4.37 is:

1. Shutdown any running instances of Red Hat JBoss Core Services Apache HTTP Server 2.4.29.
2. Backup the Red Hat JBoss Core Services Apache HTTP Server 2.4.29 installation and configuration files.
3. Install the Red Hat JBoss Core Services Apache HTTP Server 2.4.37 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 2.4.29 to version 2.4.37.



NOTE

The Apache HTTP Server configuration files may have changed since the Apache HTTP Server 2.4.29 release. It is recommended that you update the 2.4.37 version configuration files, rather than overwrite them with the configuration files from a different version (such as Apache HTTP Server 2.4.29).

5. Remove the Red Hat JBoss Core Services Apache HTTP Server 2.4.29 root directory.

Additional Resources

- For installation instructions for Red Hat Enterprise Linux systems, see:

- [Installing JBoss Core Services Apache HTTP Server on Red Hat Enterprise Linux: Installation using .zip archives.](#)
- [Installing JBoss Core Services Apache HTTP Server on Red Hat Enterprise Linux: Installation using RPM packages.](#)
- For installation instructions for Microsoft Windows systems, see: [Installing JBoss Core Services Apache HTTP Server on Microsoft Windows.](#)

CHAPTER 3. SECURITY FIXES

This update includes fixes for the following security related issues:

ID	Impact	Summary
CVE-2019-0220	Low	httpd: URL normalization inconsistency

CHAPTER 4. RESOLVED ISSUES

The following are resolved issues for this release:

Issue	Summary
JBCS-129	httpd/mod_proxy prepends error page for HEAD request to a next response for next GET request
JBCS-343	Unwanted service start after installation selinux package
JBCS-632	JBCS rpm scripts are affecting RHEL httpd service.
JBCS-762	Zip installation apachectl -v does not work after selinux policies are apply
JBCS-835	Add compose BOM files into jbc-httpd24-dist package
JBCS-856	Upgrade openssl to 1.1.1.c
JBCS-870	cUrl: Dev version released for windows

CHAPTER 5. KNOWN ISSUES

The following are known issues for this release:

Issue	Summary
JBCS-713	Unit tests for some libraries and packages are not run with builds
JBCS-770	Prepare smoke testing for mod_md on RHEL and Windows

CHAPTER 6. UPGRADED COMPONENTS

This release includes upgraded versions of the following packages:

Component	Version	Operating Systems
curl	7.64.1	Microsoft Windows
openssl	1.1.1.c	Microsoft Windows and RHEL