



Red Hat JBoss Core Services 2.4.37

Red Hat JBoss Core Services Apache HTTP Server 2.4.37 Service Pack 5 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.

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PREFACE

Welcome to the Red Hat JBoss Core Services version 2.4.37 Service Pack 5 release.

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

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 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

- 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 the Apache HTTP Server 2.4.29).

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

Additional Resources

- [Installing JBoss Core Services Apache HTTP Server on Microsoft Windows](#) .

CHAPTER 3. SECURITY FIXES

This update includes the following security fixes:

ID	Impact	Summary
CVE-2019-1551	Low	openssl: Integer overflow in RSAZ modular exponentiation on x86_64
CVE-2019-5435	Low	curl: Integer overflows in curl_url_set() function
CVE-2020-11984	Moderate	httpd: mod_proxy_uwsgi buffer overflow
CVE-2020-11993	Moderate	httpd: mod_http2 concurrent pool usage

CHAPTER 4. RESOLVED ISSUES

The following are resolved issues for this release:

Issue	Summary
JBCS-945	Add CHIL engine to OpenSSL 1.1.1
JBCS-1005	SNI Extension Missing with Reverse Proxy in JBCS httpd 2.4.37-SP3

CHAPTER 5. KNOWN ISSUES

There are no known issues for this release.

CHAPTER 6. UPGRADED COMPONENTS

There are no upgraded components in this release.