

Apache HTTP Server



Release Notes

Version 2.2.13

05/Sep/09

This Release Note is intended for users, and administrators of Apache HTTP Server. It provides you with information about Apache HTTP Server 2.2.13, including download and installation instructions, the new features of this release and important changes since the previous one.

We recommend that you read this document before installing and using Apache HTTP Server.

This document may be updated after it is released.

1 Overview of Apache HTTP Server

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows NT. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards. Apache has been the most popular web server on the Internet since April 1996. The Apache HTTP Server is a project of The Apache Software Foundation.

2 Release Notes of Version 2.2.13

The Apache HTTP Server Project is proud to announce the release of version 2.2.13 of the Apache HTTP Server ("Apache"). This version is principally a security and bugfix release. This version of Apache is a major release and the start of a new stable branch, and represents the best available version of Apache HTTP Server. New features include Smart Filtering, Improved Caching, AJP Proxy, Proxy Load Balancing, Graceful Shutdown support, Large File Support, the Event MPM, and refactored Authentication/Authorization.

2.1 Download Information

This version is available as download at:

<http://httpd.apache.org/>

WARNING! Windows products may require two files; please be patient while they download. Please see the download page for additional information about our .zip file.

2.2 Installation & Upgrade Information

We recommend that you regularly update your version of the software, in order to ensure you have installed the latest features, improvements, bug fixes and security updates.

Further details of the upgrades can be found here:

<http://httpd.apache.org/>

3 New in This Release

- [**HTTPD-5**] Authn/Authz: The bundled authentication and authorization modules have been refactored
- [**HTTPD-6**] Caching: mod_cache, mod_disk_cache, and mod_mem_cache have undergone a lot of changes, and are now considered production-quality
- [**HTTPD-7**] Configuration: The default configuration layout has been simplified and modularised
- [**HTTPD-8**] Graceful stop: The prefork, worker and event MPMs now allow httpd to be shutdown gracefully via the graceful-stop signal
- [**HTTPD-9**] Proxying: The new mod_proxy_balancer module provides load balancing services for mod_proxy
- [**HTTPD-10**] Regular Expression Library Updated: Version 5.0 of the Perl Compatible Regular Expression Library (PCRE) is now included
- [**HTTPD-11**] Smart Filtering: mod_filter introduces dynamic configuration to the output filter chain
- [**HTTPD-12**] Large File Support: httpd is now built with support for files larger than 2GB on modern 32-bit Unix systems
- [**HTTPD-13**] Event MPM: The event MPM uses a separate thread to handle Keep Alive requests and accepting connections
- [**HTTPD-14**] SQL Database Support: mod_dbd, together with the apr_dbd framework, brings direct SQL support to modules that need it
- [**HTTPD-15**] Authn/Authz: Modules in the aaa directory have been renamed and offer better support for digest authentication
- [**HTTPD-16**] mod_authnz_ldap: This module is a port of the 2.0 mod_auth_ldap module to the 2.2 Authn/Authz framework
- [**HTTPD-17**] mod_authz_owner: A new module that authorizes access to files based on the owner of the file on the file system
- [**HTTPD-18**] mod_version: A new module that allows configuration blocks to be enabled based on the version number of the running server
- [**HTTPD-19**] mod_info: Added a new ?config argument which will show the configuration directives as parsed by Apache, including their file name and line number
- [**HTTPD-20**] mod_ssl: Added a support for RFC 2817, which allows connections to upgrade from clear text to TLS encryption

- [HTTPD-21] mod_imagemap: mod_imap has been renamed to mod_imagemap to avoid user confusion

4 Fixes and Enhancements

- [HTTPD-1] Distributed with APR 1.3.8 and APR-util 1.3.9 to fix potential overflow in pools and rmm, where size alignment was taking place
- [HTTPD-2] mod_ssl, ab: improve compatibility with OpenSSL 1.0.0 betas. Report warnings compiling mod_ssl against OpenSSL to the httpd developers
- [HTTPD-3] mod_cgid: Do not add an empty argument when calling the CGI script
- [HTTPD-4] Fix potential segfaults with use of the legacy ap_rputs() etc interfaces, in cases where an output filter fails

5 Known Bugs and Issues

- [HTTPD-22] Apache hang permanently and works fine only after restart
- [HTTPD-23] mod_perl2 does not work with Apache 2.2
- [HTTPD-24] StatefulEJBProvider doesn't work in Apache SOAP
- [HTTPD-25] Thread spinning on apr_thread_mutex_lock in apache 2.0.53
- [HTTPD-26] Apache httpd >2.0.53 doesn't compile on Redhat 7.3
- [HTTPD-27] Add "setIsPoolingEnabled()" method to org.apache.jasper.JspC
- [HTTPD-28] Apache is only serving the first character in the requested file
- [HTTPD-29] mod_jk gives segmentation fault when Apache is started as root

6 Further Information

Our support is available to assist you in any technical question you may have. Visit this webpage:

<http://support.acme-corporation.com>

Get a quote if you have a business question and would like to receive the best offer for you.

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