

下面是 Apache HTTP 服务器发行版中的所有模块列表。参见按照字母顺序罗列的[所有 Apache HTTP 服务器指令](#)。

▲ **核心特性与多处理模块(MPM)**

[core](#)

Core Apache HTTP Server features that are always available

[mpm_common](#)

A collection of directives that are implemented by more than one multi-processing module (MPM)

[event](#)

A variant of the [worker](#) MPM with the goal of consuming threads only for connections with active processing

[mpm_netware](#)

Multi-Processing Module implementing an exclusively threaded web server optimized for Novell NetWare

[mpmt_os2](#)

Hybrid multi-process, multi-threaded MPM for OS/2

[prefork](#)

Implements a non-threaded, pre-forking web server

[mpm_winnt](#)

Multi-Processing Module optimized for Windows NT.

[worker](#)

Multi-Processing Module implementing a hybrid multi-threaded multi-process web server

- [核心特性与多处理模块\(MPM\)](#)
- [其它模块](#)

参见

- [多处理模块\(MPM\)](#)
- [指令快速索引](#)

▲ **其它模块**

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [J](#) | [L](#) | [M](#) | [N](#) | [P](#) | [R](#) | [S](#) | [U](#) | [V](#) | [W](#)
| [X](#)

[mod_access_compat](#)

Group authorizations based on host (name or IP address)

[mod_actions](#)

Execute CGI scripts based on media type or request method.

[mod_alias](#)

Provides for mapping different parts of the host filesystem in the document tree and for URL redirection

[mod_allowhandlers](#)

Easily restrict what HTTP handlers can be used on the server

[mod_allowmethods](#)

Easily restrict what HTTP methods can be used on the server

[mod_asis](#)

Sends files that contain their own HTTP headers

[mod_auth_basic](#)

Basic HTTP authentication

[mod_auth_digest](#)

User authentication using MD5 Digest Authentication

[mod_auth_form](#)

Form authentication

[mod_auth_anon](#)

Allows "anonymous" user access to authenticated areas

[mod_auth_core](#)

Core Authentication

[mod_auth_dbd](#)

User authentication using an SQL database

[mod_auth_dbm](#)

User authentication using DBM files

[mod_auth_file](#)

User authentication using text files

[mod_auth_socache](#)

Manages a cache of authentication credentials to relieve the load on backends

[mod_authnz_fcgi](#)

Allows a FastCGI authorizer application to handle Apache httpd authentication and authorization

[mod_authnz_ldap](#)

Allows an LDAP directory to be used to store the database for HTTP Basic authentication.

[mod_authz_core](#)

Core Authorization

[mod_authz_dbd](#)

Group Authorization and Login using SQL

[mod_authz_dbm](#)

Group authorization using DBM files

[mod_authz_groupfile](#)

Group authorization using plaintext files

[mod_authz_host](#)

Group authorizations based on host (name or IP address)

[mod_authz_owner](#)

Authorization based on file ownership

[mod_authz_user](#)

User Authorization

[mod_autoindex](#)

Generates directory indexes, automatically, similar to the Unix `ls` command or the Win32 `dir` shell command

[mod_brotli](#)

Compress content via Brotli before it is delivered to the client

[mod_buffer](#)

Support for request buffering

[mod_cache](#)

RFC 2616 compliant HTTP caching filter.

[mod_cache_disk](#)

Disk based storage module for the HTTP caching filter.

[mod_cache_socache](#)

Shared object cache (socache) based storage module for the HTTP caching filter.

[mod_cern_meta](#)

CERN httpd metafile semantics

[mod_cgi](#)

Execution of CGI scripts

[mod_cgid](#)

Execution of CGI scripts using an external CGI daemon

[mod_charset_lite](#)

Specify character set translation or recoding

[mod_crypto](#)

Support for symmetrical encryption and decryption

[mod_data](#)

Convert response body into an RFC2397 data URL

[mod_dav](#)

Distributed Authoring and Versioning ([WebDAV](#)) functionality

[mod_dav_fs](#)

Filesystem provider for [mod_dav](#)

[mod_dav_lock](#)

Generic locking module for [mod_dav](#)

[mod_dbd](#)

Manages SQL database connections

[mod_deflate](#)

Compress content before it is delivered to the client

[mod_dialup](#)

Send static content at a bandwidth rate limit, defined by the various old modem standards

[mod_dir](#)

Provides for "trailing slash" redirects and serving directory index files

[mod_dumpio](#)

Dumps all I/O to error log as desired.

[mod_echo](#)

A simple echo server to illustrate protocol modules

[mod_env](#)

Modifies the environment which is passed to CGI scripts and SSI pages

[mod_example_hooks](#)

Illustrates the Apache module API

[mod_expires](#)

Generation of `Expires` and `Cache-Control` HTTP headers according to user-specified criteria

[mod_ext_filter](#)

Pass the response body through an external program before delivery to the client

[mod_file_cache](#)

Caches a static list of files in memory

[mod_filter](#)

Context-sensitive smart filter configuration module

[mod_firehose](#)

Multiplexes all I/O to a given file or pipe.

[mod_headers](#)

Customization of HTTP request and response headers

[mod_heartbeat](#)

Sends messages with server status to frontend proxy

[mod_heartmonitor](#)

Centralized monitor for `mod_heartbeat` origin servers

[mod_http2](#)

Support for the HTTP/2 transport layer

[mod_ident](#)

RFC 1413 ident lookups

[mod_imagemap](#)

Server-side imagemap processing

[mod_include](#)

Server-parsed html documents (Server Side Includes)

[mod_info](#)

Provides a comprehensive overview of the server configuration

[mod_isapi](#)

ISAPI Extensions within Apache for Windows

[mod_journald](#)

Provides "journald" ErrorLog provider

[mod_lbmethod_bybusyness](#)

Pending Request Counting load balancer scheduler algorithm for

[mod_proxy_balancer](#)

[mod_lbmethod_byrequests](#)

Request Counting load balancer scheduler algorithm for

[mod_proxy_balancer](#)

[mod_lbmethod_bytraffic](#)

Weighted Traffic Counting load balancer scheduler algorithm for

[mod_proxy_balancer](#)

[mod_lbmethod_heartbeat](#)

Heartbeat Traffic Counting load balancer scheduler algorithm for

[mod_proxy_balancer](#)

[mod_ldap](#)

LDAP connection pooling and result caching services for use by other
LDAP modules

[mod_log_config](#)

Logging of the requests made to the server

[mod_log_debug](#)

Additional configurable debug logging

[mod_log_forensic](#)

Forensic Logging of the requests made to the server

[mod_logio](#)

Logging of input and output bytes per request

[mod_lua](#)

Provides Lua hooks into various portions of the httpd request processing

[mod_macro](#)

Provides macros within apache httpd runtime configuration files

[mod_md](#)

Managing domains across virtual hosts, certificate provisioning via the
ACME protocol

[mod_mime](#)

Associates the requested filename's extensions with the file's behavior
(handlers and filters) and content (mime-type, language, character set and
encoding)

[mod_mime_magic](#)

Determines the MIME type of a file by looking at a few bytes of its contents

[mod_negotiation](#)

Provides for [content negotiation](#)

[mod_nw_ssl](#)

Enable SSL encryption for NetWare

[mod_policy](#)

HTTP protocol compliance enforcement.

[mod_privileges](#)

Support for Solaris privileges and for running virtual hosts under different user IDs.

[mod_proxy](#)

Multi-protocol proxy/gateway server

[mod_proxy_ajp](#)

AJP support module for [mod_proxy](#).

[mod_proxy_balancer](#)

[mod_proxy](#) extension for load balancing

[mod_proxy_connect](#)

[mod_proxy](#) extension for CONNECT request handling

[mod_proxy_express](#)

Dynamic mass reverse proxy extension for [mod_proxy](#).

[mod_proxy_fcgi](#)

FastCGI support module for [mod_proxy](#).

[mod_proxy_fdpass](#)

fdpass external process support module for [mod_proxy](#).

[mod_proxy_ftp](#)

FTP support module for [mod_proxy](#).

[mod_proxy_hcheck](#)

Dynamic health check of Balancer members (workers) for [mod_proxy](#).

[mod_proxy_html](#)

Rewrite HTML links in to ensure they are addressable from Clients' networks in a proxy context.

[mod_proxy_http](#)

HTTP support module for [mod_proxy](#).

[mod_proxy_http2](#)

HTTP/2 support module for [mod_proxy](#).

[mod_proxy_scgi](#)

SCGI gateway module for [mod_proxy](#).

[mod_proxy_uwsgi](#)

UWSGI gateway module for [mod_proxy](#).

[mod_proxy_wstunnel](#)

Websockets support module for [mod_proxy](#).

[mod_ratelimit](#)

Bandwidth Rate Limiting for Clients

[mod_reflector](#)

Reflect a request body as a response via the output filter stack.

[mod_remoteip](#)

Replaces the original client IP address for the connection with the useragent IP address list presented by a proxies or a load balancer via the request headers.

[mod_reqtimeout](#)

Set timeout and minimum data rate for receiving requests

[mod_request](#)

Filters to handle and make available HTTP request bodies

[mod_rewrite](#)

Provides a rule-based rewriting engine to rewrite requested URLs on the fly

[mod_sed](#)

Filter Input (request) and Output (response) content using `sed` syntax

[mod_session](#)

Session support

[mod_session_cookie](#)

Cookie based session support

[mod_session_crypto](#)

Session encryption support

[mod_session_dbd](#)

DBD/SQL based session support

[mod_setenvif](#)

Allows the setting of environment variables based on characteristics of the request

[mod_slotmem_plain](#)

Slot-based shared memory provider.

[mod_slotmem_shm](#)

Slot-based shared memory provider.

[mod_so](#)

Loading of executable code and modules into the server at start-up or restart time

[mod_socache_dbm](#)

DBM based shared object cache provider.

[mod_socache_dc](#)

Distributed cache based shared object cache provider.

[mod_socache_memcache](#)

Memcache based shared object cache provider.

[mod_socache_redis](#)

Redis based shared object cache provider.

[mod_socache_shmcb](#)

shmcb based shared object cache provider.

[mod_speling](#)

Attempts to correct mistaken URLs by ignoring capitalization, or attempting to correct various minor misspellings.

[mod_ssl](#)

Strong cryptography using the Secure Sockets Layer (SSL) and Transport Layer Security (TLS) protocols

[mod_ssl_ct](#)

Implementation of Certificate Transparency (RFC 6962)

[mod_status](#)

Provides information on server activity and performance

[mod_substitute](#)

Perform search and replace operations on response bodies

[mod_suexec](#)

Allows CGI scripts to run as a specified user and Group

[mod_syslog](#)

Provides "syslog" ErrorLog provider

[mod_systemd](#)

Provides better support for systemd integration

[mod_unique_id](#)

Provides an environment variable with a unique identifier for each request

[mod_unixd](#)

Basic (required) security for Unix-family platforms.

[mod_userdir](#)

User-specific directories

[mod_usertrack](#)

Clickstream logging of user activity on a site

[mod_version](#)

Version dependent configuration

mod_vhost_alias

Provides for dynamically configured mass virtual hosting

mod_watchdog

provides infrastructure for other modules to periodically run tasks

mod_xml2enc

Enhanced charset/internationalisation support for libxml2-based filter modules