

The cPanel Service Daemons

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Overview

This document lists the services (daemons) that exist on cPanel & WHM servers. A daemon is a program that runs as a background process, rather than under a user's control.

- To view a complete list of daemons on your server, run the WHM API 1 [servicestatus](#) function.
- To view a list of daemons that you can enable and monitor via the interface, use WHM's [Service Manager](#) interface (*WHM >> Home >> Service Configuration >> Service Manager*).

Services

Note:

In cPanel & WHM version 76 and later, certain server profile configurations affect a service's availability. For more information, read our [How to Use Server Profiles](#) documentation.

Daemon	Service name	Description
apache_php_fpm	PHP-FPM service for Apache	<p>This daemon improves the performance of EasyApache 4's PHP-based internal applications.</p> <div><p>Important:</p><ul style="list-style-type: none">• This option is only available on systems that run EasyApache 4.• You cannot install or remove the PHP-FPM daemon in this interface. You must use the EasyApache 4 interface (<i>WHM >> Home >> Software >> EasyApache 4</i>).</div> <div><p>Note:</p><p>In cPanel & WHM version 76 and later, the Database Node, DNS Node, and Mail Node server profiles disable this service.</p></div>
clamd	ClamAV Daemon	<p>This daemon scans your server for malicious programs.</p> <div><p>Note:</p><p>To install or uninstall ClamAV, use WHM's Manage Plugins interface (<i>WHM >> Home >> cPanel >> Manage Plugins</i>).</p></div>

cpanel-dovecot-solr	IMAP Full-Text Search (FTS) Indexing (Powered by Apache Solr™).	<p>This daemon provides fast search capabilities for IMAP mailboxes.</p> <div style="border: 1px solid #f0e68c; padding: 5px;"> <p>Notes:</p> <ul style="list-style-type: none"> To install or uninstall IMAP Full-Text Search (Powered by Apache Solr), use WHM's Manage Plugins interface (<i>WHM >> Home >> cPanel >> Manage Plugins</i>).™ In cPanel & WHM version 76 and later, the Database Node and DNS Node server profiles disable this service. </div>
cpanel_php_fpm	PHP-FPM service for cPanel Daemons	<p>This daemon improves the performance of PHP-based internal applications that ship with cPanel & WHM, such as:</p> <ul style="list-style-type: none"> phpMyAdmin phpPgAdmin Webmail applications Any third-party PHP application that the user installs. <div style="border: 1px solid #f0e68c; padding: 5px;"> <p>Note: This service will accelerate a maximum of ten concurrent processes per user.</p> </div>
cpanellogd	cPanel Log and Bandwidth Processor	<p>This daemon compresses and archives cPanel & WHM log files at the end of each month into a single file for each type. For more information, read our cPanel Log Rotation Configuration and The cPanel Log Files documentation.</p>
cpdavd	cPanel DAV Daemon	<p>This daemon enables a set of HTTP extensions that allow users to manage their websites remotely.</p> <div style="border: 1px solid #e68c8c; padding: 5px;"> <p>Important: If you plan to host other people's websites on your web server, do not disable this daemon.</p> </div> <div style="border: 1px solid #f0e68c; padding: 5px;"> <p>Note: In cPanel & WHM version 76 and later, the Database Node and DNS Node server profiles disable this service.</p> </div>

cpgreylstd	cPanel Greylisting Daemon	<p>This daemon manages Greylisting, a service that protects your server against spam from sources that your server does not recognize. For more information, read our Greylisting documentation.</p> <div style="border: 1px solid #f0e68c; padding: 10px;"> <p>Note: In cPanel & WHM version 76 and later, the Database Node and DNS Node server profiles disable this service.</p> </div>
cphulkd	cPHulk Daemon	<p>This daemon manages cPHulk Brute Force Protection, a service that provides protection for your server against brute force attacks.</p>
cpsrvd	cPanel Server Daemon	<p>This daemon is the application server for cPanel, WHM, and Webmail services.</p> <div style="border: 1px solid #f0e68c; padding: 10px;"> <p>Note: In cPanel & WHM version 76 and later, when you disable the Web Server role, this daemon listens on ports 80 and 443. For more information, read our How to Configure Your Firewall for cPanel Services documentation.</p> </div>
crond	Cron Daemon	<p>The <code>crond</code> scheduling daemon. For more information, read our Cron Jobs documentation.</p>
dnsadmin	cPanel DNS (Domain Name System) Admin Cache	<p><code>dnsadmin</code> runs as a standalone daemon. This improves speed, but increases it memory usage. Deselect this option if you wish to use multiple <code>dnsadmin</code> processes for zone-related actions.</p>

exim	Exim Mail Server	<p>The SMTP mail server daemon is the part of your mail server that sends and receives mail. We recommend that you monitor and enable this feature for most servers.</p> <div style="border: 1px solid red; padding: 10px;"><p>Warning: If you disable this service, the following options do not appear in the <i>Mail</i> section of WHM's <i>Tweak Settings</i> interface (<i>WHM >> Home >> Server Configuration >> Tweak Settings</i>):</p><ul style="list-style-type: none">• <i>Discard FormMail-clone message with bcc:</i>• <i>Email delivery retry time</i>• <i>Track email origin via X-Source email headers</i>• <i>Max hourly emails per domain</i>• <i>The percentage of email messages (above the domain's hourly maximum) to queue and retry for delivery.</i>• <i>Maximum percentage of failed or deferred messages a domain may send per hour</i>• <i>Number of failed or deferred messages a domain may send before protections can be triggered</i>• <i>Add X-PopBeforeSMTP header for mail sent via POP-before-SMTP</i>• <i>Enable BoxTrapper spam trap support</i>• <i>Enable Apache SpamAssassin™ spam filter</i></div>
exim-altport	Exim Mail Server (on another port)	<p>By default, Exim listens to the following ports:</p> <ul style="list-style-type: none">• 25• 465• 587 <p>This option allows you to configure Exim to listen to an additional port.</p> <div style="border: 1px solid orange; padding: 10px;"><p>Note: In the text box, enter the additional port number on which you wish to allow Exim to run.</p></div>

ftpd	FTP (File Transfer Protocol) Server	<p>The FTP server daemon runs your FTP server. Enable this feature if you plan to host other people's websites on your web server.</p> <div style="border: 1px solid red; padding: 5px;"> <p>Important: We strongly recommend that you monitor this feature.</p> </div> <div style="border: 1px solid yellow; padding: 5px;"> <p>Note: In cPanel & WHM version 76 and later, the Database Node, DNS Node, and Mail Node server profiles disable this service.</p> </div>
httpd	Web Server	<p>The web server daemon processes HTTP requests from visitors. Enable this feature to host websites with your web server.</p> <div style="border: 1px solid yellow; padding: 5px;"> <p>Notes:</p> <ul style="list-style-type: none"> • When you disable this daemon, the <code>cpsrvd</code> daemon takes over HTTP on the 80 and 443 ports. • In cPanel & WHM version 76 and later, the Database Node, DNS Node, and Mail Node server profiles disable this service. </div>
imap	IMAP (Internet Mail Access Protocol) Server	<p>The IMAP daemon for Dovecot® processes how your users download their mail.</p> <p>For more information, read our IMAP vs. POP3 documentation.</p> <div style="border: 1px solid red; padding: 5px;"> <p>Important: We strongly recommend that you monitor this daemon.</p> </div> <div style="border: 1px solid yellow; padding: 5px;"> <p>Note: In cPanel & WHM version 76 and later, the Database Node and DNS Node server profiles disable this service.</p> </div>
ipaliases	IP (Internet Protocol) Aliases	<p>This feature allows you to add more than one IP address to your network adapter. Use this configuration to run multiple connections on a single network, where each connection serves an additional purpose.</p>
lmtp	LMTP (Local Mail Transport Protocol) Server	<p>The Local Mail Transport Protocol (LMTP) server allows Exim to connect to the Dovecot mail server.</p>

mailman	Mailman	<p>The Mailman mailing list manager allows your users to create a single email address to send mail to multiple email addresses. For more information, read our Mailing Lists documentation.</p> <div style="border: 1px solid #f9e79f; padding: 5px;"> <p>Notes:</p> <ul style="list-style-type: none"> • In cPanel & WHM version 76 and later, the Database Node and DNS Node server profiles disable this service. • The system does not start the Mailman service until the server hosts at least one mailing list. </div>
mysql	MySQL [®] or MariaDB [®] Server	<p>The MySQL[®] database server processes database queries. If you plan to host any content management systems or applications that require a database, enable this feature or the <code>postgresql</code> server.</p> <div style="border: 1px solid #f9e79f; padding: 5px;"> <p>Important: We recommend that you monitor this daemon. The system does not monitor this daemon by default.</p> </div> <div style="border: 1px solid #f9e79f; padding: 5px;"> <p>Note: In cPanel & WHM version 76 and later, the Mail Node server profile disables this service.</p> </div>
named	DNS (Domain Name System) Server	<p>The Berkeley Internet Name Domain (BIND), NSD, PowerDNS, or MyDNS daemon runs the nameservers.</p> <div style="border: 1px solid #f9e79f; padding: 5px;"> <p>Notes:</p> <ul style="list-style-type: none"> • You should only enable this daemon if you wish to use your own nameservers. For more information, read our Nameserver Selection documentation. • In cPanel & WHM version 76 and later, the Database Node server profile disables this service. </div>
nscd	Name Service Cache Daemon	<p>This daemon manages a cache for name service requests.</p> <div style="border: 1px solid #f9e79f; padding: 5px;"> <p>Important: We strongly recommend that you only enable this service on servers with at least 1,000 MB of available memory.</p> </div>

p0f	Passive OS (Operating System) Fingerprinting Daemon	<p>The Passive OS Fingerprinting daemon (p0f) reports the visitor's operating system and other information for email notifications that the system administrator requests in the Contact Manager interface. This information helps a system administrator quickly identify visitors that trigger events that cause alerts. The spam prevention and cPHulk systems use this information to identify potential spammers and brute force attacks.</p> <p>For example, if a user logs in to a server from multiple locations and uses multiple operating systems, this may indicate that someone has compromised the user's account.</p> <p>For more information about this daemon, read the Passive OS Fingerprinting documentation at github.</p> <div style="border: 1px solid yellow; padding: 5px;"> <p>Note: If you disable this daemon, the notification footers will no longer contain the visitor information.</p> </div>
pop	POP3 (Post Office Protocol 3) Server	<p>The POP3 daemon processes how your users will download their mail.</p> <div style="border: 1px solid red; padding: 5px;"> <p>Warning: We strongly recommend that you monitor this daemon. The system does not monitor this daemon by default.</p> </div> <div style="border: 1px solid yellow; padding: 5px;"> <p>Note: In cPanel & WHM version 76 and later, the Database Node and DNS Node server profiles disable this service.</p> </div>
postgresql	PostgreSQL® Server	<p>The PostgreSQL® database server processes database queries. If you plan to host any content management systems or applications that require a database, enable this feature or the <code>mysqld</code> server.</p> <div style="border: 1px solid yellow; padding: 5px;"> <p>Note: In cPanel & WHM version 76 and later, the Mail Node server profile disables this service.</p> </div>
queueprocd	TaskQueue Processor	<p>The TaskQueue Processor processes the task queue periodically and resides in the <code>/usr/local/cpanel/libexec</code> directory. For more information, read our The Task Queue System documentation.</p>

rsyslogd	System Logger Daemon	<p>The system log daemon monitors your web server and logs the system activity.</p> <div style="border: 1px solid red; padding: 5px;"> <p>Important: We strongly recommend that you enable this daemon.</p> </div>
spamd	Apache SpamAssassin™	<p>The Apache SpamAssassin daemon attempts to filter spam messages. If you disable this daemon, make sure that you also disable it in WHM's <i>Tweak Settings</i> interface (<i>WHM >> Home >> Server Configuration >> Tweak Settings</i>).</p> <div style="border: 1px solid yellow; padding: 5px;"> <p>Note: In cPanel & WHM version 76 and later, the Database Node and DNS Node server profiles disable this service.</p> </div>
sshd	SSH (Secure Shell) Daemon	<p>The secure shell (SSH) daemon allows users to connect to your server in a terminal session via SSH.</p>
syslogd	syslog System Logger Daemon	<p>The system log daemon. This daemon handles your web server's monitoring and logging system information.</p>
tailwatchd	TailWatch Daemon	<p>The TailWatch daemon monitors a log file for certain activities and then performs an action based on the activity. For more information, read our TailWatch documentation.</p>
tomcat	Tomcat Server	<p>Tomcat is an Apache module that provides a web server in addition to the Apache web server. For more information, read our EasyApache 3 Tomcat documentation.</p> <div style="border: 1px solid red; padding: 5px;"> <p>Important: EasyApache 3 does not support new installations of Tomcat.</p> <p>As of cPanel & WHM version 76, EasyApache 4 now supports Tomcat 8.5. For more information, read our Tomcat documentation.</p> </div>

Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)

- [How to Disable Services](#)
- [System User Accounts](#)
- [Service and Proxy Subdomains](#)
- [How to Restart Services](#)
- [Process Restart Exclusion](#)

- [System User Accounts](#)
- [The cpuser_service_manager script and the Ubic subsystem](#)
- [The cPanel Service Daemons](#)
- [How to Install WHMCS](#)
- [How to Open a Technical Support Ticket](#)

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- [WHM API 0 Sections - Server Administration](#)
- [WHM API 1 Functions - configureservice](#)
- [cPanel API 1 Modules - Serverinfo](#)
- [cPanel API 1 Functions - Serverinfo::servicestatus](#)
- [WHM API 1 Functions - servicestatus](#)