

# Service Manager

(WHM >> Home >> Service Configuration >> Service Manager)

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## Overview

This interface lists your server's services, and it allows you to enable and monitor them.

### Important:

The server profile that you select in WHM's [Server Profile](#) interface (WHM >> Home >> Server Configuration >> Server Profile) affects which services display in this interface. For more information, read our [How to Use Server Profiles](#) documentation.

### Notes:

- Select the *Enabled* checkbox to enable a specific service.
- Select the *Monitor* checkbox to monitor a specific service in the [cPanel Interface](#).
  - To monitor a service, you **must** first enable it.

## tailwatchd (TailWatch Drivers)

| TailWatch Driver              | Description  |
|-------------------------------|--|
| <i>APNSPush</i>               | This driver notifies iOS® devices when new mail arrives.   |
| <i>ApacheClientsOptimizer</i> | This driver is <b>not</b> currently implemented.   |
| <i>ChkServd</i>               | <p>This driver monitors the services that you configure in the <i>Service Manager</i> interface.</p> <ul style="list-style-type: none"><li>• The <i>ChkServd</i> driver attempts to restart a service when it detects that the service fails.</li><li>• The <i>ChkServd</i> driver sends alerts about service failure, recovery, and timeouts to the contact information that you provide in WHM's <a href="#">Basic WebHost Manager Setup</a> interface (WHM &gt;&gt; Home &gt;&gt; Server Configuration &gt;&gt; Basic WebHost Manager Setup).</li></ul>   |
| <i>Eximstats</i>              | This driver tracks Exim mail statistics. The <i>Eximstats</i> driver maintains the email bandwidth logs, limits email usage, and populates data for the <i>Mail Delivery Reports</i> system.   |
| <i>JailManager</i>            | <p>This driver manages the jailshells that the <i>EXPERIMENTAL: Jail Apache Virtual Hosts using mod_ruid2 and cPanel® jailshell</i> option in WHM's <a href="#">Tweak Settings</a> interface (WHM &gt;&gt; Home &gt;&gt; Server Configuration &gt;&gt; Tweak Settings) uses. The <i>JailManager</i> driver updates each user's jailshell with the <code>root</code> filesystem.</p> <div><p><b>Note:</b><br/>If the <i>EXPERIMENTAL: Jail Apache Virtual Hosts using mod_ruid2 and cPanel® jailshell</i> option is disabled, the system disables the <i>JailManager</i> option.</p></div> |
| <i>MailAuthOptimizer</i>      | This driver is <b>not</b> currently implemented.   |

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| <i>MailHealth</i>                | This driver monitors the mail log for problems with Dovecot® mail services.                                   |
| <i>ModSecLog</i>                 | This driver parses the ModSecurity™ audit log and stores the information in the <code>modsec</code> database. |
| <i>RecentAuthedMailIpTracker</i> | This driver tracks the IP addresses for recently-authenticated IMAP and POP3 sessions.                        |
| <i>cPBandwd</i>                  | This driver generates the bandwidth logs for the IMAP and POP3 mail services.                                 |

## Service daemons

**Note:**

The server's installed services and the server's profile determine which daemons this interface displays.

- For more information about server profiles, read our [How to Use Server Profiles](#) documentation.
- For more information about service status, read our [Service Status](#) documentation.

| Service                                   | Daemon                      | Description   |
|---|-----------------------------|---|
| <i>PHP-FPM service for Apache</i>         | <code>apache_php_fpm</code> | <p>This daemon improves the performance of EasyApache 4's <a href="#">PHP-based internal applications</a>.</p> <div style="border: 1px solid red; padding: 5px; margin: 10px 0;"> <p><b>Important:</b></p> <ul style="list-style-type: none"> <li>• This option is <b>only available</b> on systems that run EasyApache 4.</li> <li>• You <b>cannot</b> install or remove the PHP-FPM daemon in this interface. You <b>must</b> use the <a href="#">EasyApache 4 Interface</a> interface (<i>WHM &gt;&gt; Home &gt;&gt; Software &gt;&gt; EasyApache 4</i>).</li> </ul> </div> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><b>Note:</b><br/>The Database Node, DNS Node, and Mail Node server profiles <b>disable</b> this service.</p> </div> |
| <i>PHP-FPM service for cPanel Daemons</i> | <code>cpanel_php_fpm</code> | <p>This daemon improves the performance of PHP-based internal applications that ship with cPanel &amp; WHM, such as:</p> <ul style="list-style-type: none"> <li>• phpMyAdmin</li> <li>• phpPgAdmin</li> <li>• Webmail applications</li> <li>• Any third-party PHP application that the user installs.</li> </ul> <div style="border: 1px solid yellow; padding: 5px; margin: 10px 0;"> <p><b>Note:</b><br/>This service will accelerate a maximum of ten concurrent processes per user.</p> </div>  |

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| ClamAV Daemon             | clamd               | <p>This daemon scans your server for malicious programs.</p> <div style="border: 1px solid #f0e68c; padding: 5px;"> <p><b>Note:</b><br/>To install or uninstall ClamAV, use WHM's <a href="#">Manage Plugins</a> interface (<i>WHM &gt;&gt; Home &gt;&gt; cPanel &gt;&gt; Manage Plugins</i>).</p> </div>  |
| cpanel-dovecot-solr       | cpanel-dovecot-solr | <p>This daemon enables IMAP Full-Text Search (FTS) Indexing (powered by Apache Solr™), which provides fast search capabilities for IMAP mailboxes.</p> <p>For more information about this service, read our <a href="#">The install_dovecot_fts Script</a> documentation.</p> <div style="border: 1px solid #f0e68c; padding: 5px;"> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• To install or uninstall IMAP Full-Text Search (Powered by Apache Solr), use WHM's <a href="#">Manage Plugins</a> interface (<i>WHM &gt;&gt; Home &gt;&gt; cPanel &gt;&gt; Manage Plugins</i>).</li> <li>• The Database Node and DNS Node server profiles <b>disable</b> this service.</li> </ul> </div> |
| cPanel DAV Daemon         | cpdavd              | <p>This daemon enables a set of HTTP extensions that allow users to manage their websites remotely.</p> <div style="border: 1px solid #f08080; padding: 5px;"> <p><b>Important:</b><br/>If you plan to host other people's websites on your web server, do <b>not</b> disable this daemon.</p> </div> <div style="border: 1px solid #f0e68c; padding: 5px;"> <p><b>Note:</b><br/>The Database Node and DNS Node server profiles <b>disable</b> this service.</p> </div>  |
| cPanel Greylisting Daemon | cpgreylstd          | <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 <a href="#">Greylisting</a> documentation.</p> <div style="border: 1px solid #f0e68c; padding: 5px;"> <p><b>Note:</b><br/>The Database Node and DNS Node server profiles <b>disable</b> this service.</p> </div>   |
| cPHulk Daemon             | cphulkd             | <p>This daemon manages <a href="#">cPHulk Brute Force Protection</a>, a service that provides protection for your server against brute force attacks.</p>  |

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| Cron Daemon                        | crond        | The <code>crond</code> scheduling daemon. For more information, read our <a href="#">Cron Jobs</a> documentation.  |
| cPanel DNS Admin Cache             | dnsadmin     | <code>dnsadmin</code> runs as a standalone daemon. This improves speed, but increases its memory usage. Deselect this option if you wish to use multiple <code>dnsadmin</code> processes for zone-related actions.   |
| Exim Mail Server                   | exim         | <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><b>Warning:</b><br/>If you disable this service, the following options do <b>not</b> appear in the <i>Mail</i> section of WHM's <a href="#">Tweak Settings</a> interface (<i>WHM &gt;&gt; Home &gt;&gt; Server Configuration &gt;&gt; Tweak Settings</i>):</p> <ul style="list-style-type: none"> <li>• <i>Discard FormMail-clone message with bcc:</i></li> <li>• <i>Email delivery retry time</i></li> <li>• <i>Track email origin via X-Source email headers</i></li> <li>• <i>Max hourly emails per domain</i></li> <li>• <i>The percentage of email messages (above the domain's hourly maximum) to queue and retry for delivery.</i></li> <li>• <i>Maximum percentage of failed or deferred messages a domain may send per hour</i></li> <li>• <i>Number of failed or deferred messages a domain may send before protections can be triggered</i></li> <li>• <i>Add X-PopBeforeSMTP header for mail sent via POP-before-SMTP</i></li> <li>• <i>Enable BoxTrapper spam trap</i></li> <li>• <i>Enable Email Archiving support</i></li> <li>• <i>Enable Apache SpamAssassin™ spam filter</i></li> </ul> </div> |
| Exim Mail Server (on another port) | exim-altport | <p>By default, Exim listens to the following ports:</p> <ul style="list-style-type: none"> <li>• 25</li> <li>• 465</li> <li>• 587</li> </ul> <p>This option allows you to configure Exim to listen to an additional port.</p> <div style="border: 1px solid orange; padding: 10px;"> <p><b>Note:</b><br/>In the text box, enter the additional port number on which you wish to allow Exim to run.</p> </div>  |

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| <i>FTP Server</i>        | ftpd      | <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><b>Important:</b><br/>We <b>strongly</b> recommend that you monitor this feature.</p> </div> <div style="border: 1px solid orange; padding: 5px;"> <p><b>Note:</b><br/>The Database Node, DNS Node, and Mail Node server profiles <b>disable</b> this service.</p> </div>                      |
| <i>Apache Web Server</i> | httpd     | <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 orange; padding: 5px;"> <p><b>Note:</b><br/>The Database Node, DNS Node, and Mail Node server profiles <b>disable</b> this service.</p> </div>   |
| <i>IMAP Server</i>       | imap      | <p>The IMAP daemon for Dovecot® processes how your users download their mail.</p> <p>For more information, read our <a href="#">IMAP vs. POP3</a> documentation.</p> <div style="border: 1px solid red; padding: 5px;"> <p><b>Important:</b><br/>We <b>strongly</b> recommend that you monitor this daemon.</p> </div> <div style="border: 1px solid orange; padding: 5px;"> <p><b>Note:</b><br/>The Database Node and DNS Node server profiles <b>disable</b> this service.</p> </div> |
| <i>IP Aliases</i>        | ipaliases | <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>   |
| <i>LMTP Server</i>       | lmtp      | <p>The Local Mail Transport Protocol (LMTP) server allows Exim to connect to the Dovecot mail server.</p>   |

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|---|----------------|--|
| <p><i>Mailman</i></p>                   | <p>mailman</p> | <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 <a href="#">Mailing Lists</a> documentation.</p> <div style="border: 1px solid #f0e68c; padding: 10px;"> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The Database Node and DNS Node server profiles <b>disable</b> this service.</li> <li>• The system does not start the Mailman service until the server hosts at least one mailing list.</li> </ul> </div>  |
| <p><i>MySQL Server</i></p>              | <p>mysql</p>   | <p>The MySQL<sup>®</sup> 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 #f08080; padding: 10px;"> <p><b>Important:</b><br/>We recommend that you monitor this daemon. The system does <b>not</b> monitor this daemon by default.</p> </div> <div style="border: 1px solid #f0e68c; padding: 10px;"> <p><b>Note:</b><br/>The Mail Node server profile <b>disables</b> this service.</p> </div> |
| <p><i>DNS Server</i></p>                | <p>named</p>   | <p>The Berkeley Internet Name Domain (BIND), NSD, PowerDNS, or MyDNS daemon runs the nameservers.</p> <div style="border: 1px solid #f0e68c; padding: 10px;"> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• You should <b>only</b> enable this daemon if you wish to use your own nameservers. For more information, read our <a href="#">Nameserver Selection</a> documentation.</li> <li>• The Database Node server profile <b>disables</b> this service.</li> </ul> </div>  |
| <p><i>Name Service Cache Daemon</i></p> | <p>nscd</p>    | <p>This daemon manages a cache for name service requests.</p> <div style="border: 1px solid #f08080; padding: 10px;"> <p><b>Important:</b><br/>We <b>strongly</b> recommend that you <b>only</b> enable this service on servers with <b>at least</b> 1,000 MB of available memory.</p> </div>  |

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| <i>Passive OS Fingerprinting Daemon</i> | p0f        | <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 <i>Contact Manager</i> 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 <a href="#">Passive OS Fingerprinting documentation at github</a>.</p> <div style="border: 1px solid #fff9c4; padding: 5px;"><p><b>Note:</b><br/>If you disable this daemon, the notification footers will no longer contain the visitor information.</p></div> |
| <i>POP3 Server</i>                      | pop        | <p>The POP3 daemon processes how your users will download their mail.</p> <div style="border: 1px solid #f4cccc; padding: 5px;"><p><b>Warning:</b><br/>We <b>strongly</b> recommend that you monitor this daemon. The system does <b>not</b> monitor this daemon by default.</p></div> <div style="border: 1px solid #fff9c4; padding: 5px;"><p><b>Note:</b><br/>The Database Node and DNS Node server profiles <b>disable</b> this service.</p></div>   |
| <i>PostgreSQL Server</i>                | postgresql | <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 #fff9c4; padding: 5px;"><p><b>Note:</b><br/>The DNS Node and Mail Node server profiles <b>disable</b> this service.</p></div>   |

|                                     |          |   |
|-------------------------------------|----------|---|
| <i>Apache SpamAssassin™</i>         | spamd    | <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 &gt;&gt; Home &gt;&gt; Server Configuration &gt;&gt; Tweak Settings</i>).</p> <div style="border: 1px solid #f0e68c; padding: 5px; margin-top: 10px;"> <p><b>Note:</b><br/>The Database Node and DNS Node server profile <b>disables</b> this service.</p> </div> |
| <i>SSH Daemon</i>                   | sshd     | <p>The secure shell (SSH) daemon allows users to connect to your server in a terminal session via SSH.</p>  |
| <i>rsyslog System Logger Daemon</i> | rsyslogd | <p>The system log daemon monitors your web server and logs the system activity.</p> <div style="border: 1px solid #f08080; padding: 5px; margin-top: 10px;"> <p><b>Important:</b><br/>We <b>strongly</b> recommend that you enable this daemon.</p> </div>  |

## Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [Service Manager](#)
- [WHM Scripts](#)
- [The find\\_outdated\\_services Script](#)
- [Manage AutoSSL](#)
- [The is\\_script\\_stuck Script](#)
  
- [Server Information for cPanel](#)
  
- [The cPanel Service Daemons](#)
- [Service Manager](#)
- [WHM Scripts](#)
- [The find\\_outdated\\_services Script](#)
- [How to Restart Services](#)
  
- [WHM API 1 Functions - configureservice](#)
- [cPanel API 1 Modules - Serverinfo](#)
- [cPanel API 1 Functions - Serverinfo::servicestatus](#)
- [WHM API 1 Functions - servicestatus](#)
- [cPanel API 1 Functions - ProxyUtils::proxyaddress](#)