

# Service Manager

For cPanel & WHM version 64

(Home >> Service Configuration >> Service Manager)

- Overview
- tailwatchd (TailWatch Drivers)
- Service daemons
- Additional documentation

## Overview

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

### Notes:

- Select the appropriate *Enabled* checkbox to enable a service.
- Select the appropriate *Monitor* checkbox to monitor a service via 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 not 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 (<i>Home &gt;&gt; Server Configuration &gt;&gt; Basic WebHost Manager Setup</i>).</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 <a href="#">EXPERIMENTAL: Jail Apache Virtual Hosts using mod_ruid2 and cPanel® jailshell</a> option in WHM's <a href="#">Tweak Settings</a> interface (<i>Home &gt;&gt; Server Configuration &gt;&gt; Tweak Settings</i>) uses. The <i>JailManager</i> driver updates each user's jailshell with the <code>root</code> filesystem.</p> <div><p><b>Note:</b> If the <a href="#">EXPERIMENTAL: Jail Apache Virtual Hosts using mod_ruid2 and cPanel® jailshell</a> option is disabled, the system disables the <i>JailManager</i> option.</p></div>
<i>MailAuthOptimizer</i>	This driver is not currently implemented.
<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>RecentAuthedMailTracker</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 determine which daemons this interface displays.

Service	Description
<i>PHP-FPM service for Apache</i>	<p>This daemon improves the performance of EasyApache 4's PHP-based internal applications.</p> <div style="border: 1px solid red; padding: 5px;"> <p><b>Important:</b></p> <ul style="list-style-type: none"> <li>This option is <b>only available</b> on systems that use EasyApache4.</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</a> interface (<i>Home &gt;&gt; Software &gt;&gt; EasyApache 4</i>).</li> </ul> </div>
<i>PHP-FPM service for cPanel Daemons</i>	<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>Roundcube</li> <li>Horde</li> <li>SquirrelMail</li> <li>Any third-party PHP application that the user installs.</li> </ul> <div style="border: 1px solid yellow; padding: 5px;"> <p><b>Note:</b> This service will accelerate a maximum of ten concurrent processes per user.</p> </div>
<i>cPanel DAV Daemon</i>	This daemon enables a set of HTTP extensions that allow users to manage their websites remotely. If you plan to host other people's websites on your web server, do <b>not</b> disable this daemon.
<i>cPanel Greylisting Daemon</i>	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.
<i>cPHulk Daemon</i>	This daemon manages <a href="#">cPHulk Brute Force Protection</a> .
<i>Cron Daemon</i>	The <code>cron</code> scheduling daemon. For more information, read our <a href="#">Cron Jobs</a> documentation.
<i>cPanel DNS Admin Cache</i>	<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.

<p><i>Exim Mail Server</i></p>	<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; margin-top: 10px;"> <p><b>Warning:</b> 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>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>
<p><i>Exim Mail Server (on another port)</i></p>	<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 yellow; padding: 10px; margin-top: 10px;"> <p><b>Note:</b> In the text box, enter the additional port number on which you wish to allow Exim to run.</p> </div>
<p><i>FTP Server</i></p>	<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: 10px; margin-top: 10px;"> <p><b>Important:</b> We <b>strongly</b> recommend that you monitor this feature.</p> </div>
<p><i>Apache Web Server</i></p>	<p>The Apache web server daemon handles HTTP requests from visitors. Enable this feature to host websites with your web server.</p>
<p><i>IMAP Server</i></p>	<p>The IMAP daemon for Dovecot handles how your users download their mail.</p> <div style="border: 1px solid red; padding: 10px; margin-top: 10px;"> <p><b>Important:</b> We <b>strongly</b> recommend that you monitor this daemon.</p> </div> <p>For more information, read our <a href="#">IMAP vs. POP3</a> documentation.</p>
<p><i>IP Aliases</i></p>	<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>
<p><i>LMTP Server</i></p>	<p>The Local Mail Transport Protocol (LMTP) server allows Exim to connect to the Dovecot mail server.</p>

<i>Mailman</i>	<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>
<i>MySQL Server</i>	<p>The MySQL® database server handles 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 red; padding: 5px;"> <p><b>Important:</b> We recommend that you monitor this daemon. The system does <b>not</b> monitor this daemon by default.</p> </div>
<i>DNS Server</i>	<p>The Berkeley Internet Name Domain (BIND), NSD, PowerDNS, or MyDNS daemon runs the nameservers.</p> <div style="border: 1px solid yellow; padding: 5px;"> <p><b>Note:</b> 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.</p> </div>
<i>Name Service Cache Daemon</i>	<p>This daemon manages a cache for name service requests.</p> <div style="border: 1px solid red; padding: 5px;"> <p><b>Important:</b> 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>
<i>Passive OS Fingerprinting Daemon</i>	<p>The Passive OS Fingerprinting daemon (<code>p0f</code>) reports the visitor's operating system and other information for email notifications that the system administrator requests in the <a href="#">Contact Manager</a> interface. This information helps a system administrator quickly identify visitors that trigger events that cause alerts.</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>Also, the spam prevention and cPHulk systems use this information to identify potential spammers and brute force attacks.</p> <p>If you disable this daemon, the notification footers will no longer contain the visitor information.</p> <p>For more information about this daemon, read the <a href="#">Passive OS Fingerprinting documentation at github</a>.</p>
<i>POP3 Server</i>	<p>The POP3 daemon handles how your users will download their mail.</p> <div style="border: 1px solid red; padding: 5px;"> <p><b>Warning:</b> We <b>strongly</b> recommend that you monitor this daemon. The system does <b>not</b> monitor this daemon by default.</p> </div>
<i>PostgreSQL Server</i>	<p>The PostgreSQL® database server handles 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>
<i>Apache SpamAssassin™</i>	<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 <a href="#">Tweak Settings</a> interface (<i>Home &gt;&gt; Server Configuration &gt;&gt; Tweak Settings</i>).</p>
<i>SSH Daemon</i>	<p>The secure shell (SSH) daemon allows users to connect to your server in a terminal session via SSH.</p>

*rsyslog System Logger Daemon*

The system log daemon monitors your web server and logs the system activity.

**Important:**  
We **strongly** recommend that you enable this daemon.

## Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [Service Status](#)
- [WHM Scripts](#)
- [The is\\_script\\_stuck Script](#)
- [The Task Queue System](#)
- [Service Manager](#)
  
- [Server Information for cPanel](#)
  
- [Service Status](#)
- [WHM Scripts](#)
- [The is\\_script\\_stuck Script](#)
- [The Task Queue System](#)
- [Service Manager](#)
  
- [WHM API 1 Functions - restartservice](#)
- [WHM API 1 Functions - enable\\_monitor\\_all\\_enabled\\_services](#)
- [WHM API 0 Functions - servicestatus](#)
- [WHM API 1 Functions - get\\_nameserver\\_config](#)
- [cPanel API 1 Functions - Serverinfo::servicestatus](#)