

Update Preferences

For cPanel & WHM version 64

(Home >> Server Configuration >> Update Preferences)

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Overview

This interface allows you to define how your server performs software updates and upgrades.

cPanel & WHM Updates

This section of the interface allows you to select a release tier. The release tier that you select controls when the system performs an upgrade to a new major version of cPanel & WHM.

Additionally, this interface allows you to specify how your server performs an update within a major version.



Note:

If you perform an update that includes multiple major versions of cPanel & WHM, the update process upgrades your server to each intermediate version. The update process performs compatibility checks for each version prior to the upgrade to that version. If the process encounters blockers, it finishes on the most recent release of cPanel & WHM that is compatible with your system.

For more information, read our [Upgrade Blockers](#) documentation.

Release Tier

Select a cPanel & WHM tier that matches your requirements. For more information, read our [cPanel & WHM Product Versions and the Release Process](#) documentation.



Warning:

After you upgrade to a new major version of cPanel & WHM, you **cannot** downgrade to a previous major version of cPanel & WHM.

- For this reason, you **cannot** select a release tier that represents a downgrade.
- The  icon appears next to the description for tiers that represent a downgrade.

The following table describes each of the cPanel & WHM release tiers:

Tier	Description	Publication Frequency
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<i>LTS</i>	<p>Long-Term Support (LTS). If you do not wish to upgrade cPanel & WHM, you can select a cPanel & WHM version for as long as cPanel supports it.</p> <p>The following table lists the LTS dates for the current versions of cPanel & WHM:</p> <p>Beginning with cPanel & WHM version 62 and later, all Long-Term Support (LTS) will extend to March 30th of the following year from the new version's date of inception. We will no longer provide LTS for versions that fall outside of this time frame. Only one release each year qualifies for LTS. Other versions will receive updates only if present in the STABLE, RELEASE, or CURRENT tiers. Any cPanel & WHM version not present in this table does not qualify for LTS.</p> <table border="1"> <thead> <tr> <th>cPanel & WHM Version</th> <th>Approximate Release Date</th> <th>Anticipated End of Life*</th> </tr> </thead> <tbody> <tr> <td>54</td> <td>January 2016</td> <td>January 2017</td> </tr> <tr> <td>56</td> <td>April 2016</td> <td>October 2017</td> </tr> <tr> <td>58</td> <td>July 2016</td> <td>July 2017</td> </tr> <tr> <td>60</td> <td>October 2016</td> <td>October 2017</td> </tr> <tr> <td>62</td> <td>February 2017</td> <td>June 2018</td> </tr> </tbody> </table> <div style="border: 1px solid red; padding: 10px; margin-top: 10px;"> <p> Important:</p> <p>cPanel & WHM releases that reach <i>End of Life</i> will become unavailable for installation, no longer receive fixes or patches from cPanel, Inc.®, and documentation is archived.</p> </div>	cPanel & WHM Version	Approximate Release Date	Anticipated End of Life*	54	January 2016	January 2017	56	April 2016	October 2017	58	July 2016	July 2017	60	October 2016	October 2017	62	February 2017	June 2018	Not applicable.
cPanel & WHM Version	Approximate Release Date	Anticipated End of Life*																		
54	January 2016	January 2017																		
56	April 2016	October 2017																		
58	July 2016	July 2017																		
60	October 2016	October 2017																		
62	February 2017	June 2018																		
<i>STABLE</i>	This version has received considerable public exposure, testing, and verification.	Published least frequently.																		
<i>RELEASE</i>	This version is feature-complete and we test it thoroughly. It contains all intended features and functionality. New installations default to <i>RELEASE</i> .	Published more frequently than STABLE.																		
<i>CURRENT</i>	We tested and verify this version, but it may not contain all of the proposed functionality of a release. This tier is similar to the "release candidate" tier that other publication schemes use.	Published more frequently than RELEASE.																		
<i>EDGE</i>	<p>We only perform rudimentary testing on this version. The features are subject to further modification. This version usually lacks official public documentation.</p> <div style="border: 1px solid red; padding: 10px; margin-top: 10px;"> <p> Warning:</p> <p>Due to the dynamic nature of EDGE builds, only use EDGE to test for compatibility and functionality in a controlled environment . This tier is not recommended for production servers.</p> </div>	Published most frequently (up to several times per week).																		

Automatic upgrades to new major versions

To reduce support ticket influx, automatic upgrades to subsequent major versions of cPanel & WHM do not always occur immediately. In certain scenarios, the system applies a zero-to-four-business-day delay before your automatic upgrade executes.

The system applies a delay if all of the following statements are true:

1. You use the RELEASE or STABLE tier.
2. You do not run the upgrade interactively.
3. Your current version is only one major version away from the target major version.
4. You do not run the upgrade with the *Force* option.

The system randomly selects the length of your delay. For example, if the system detects a new major version on a Friday, the upgrade does not take place until the following Monday, Tuesday, Wednesday, or Thursday.

When we release a major version, you may perform any of the following actions:

- Use the *Force* option in the [Upgrade to Latest Version](#) interface (*Home >> cPanel >> Upgrade to Latest Version*) to upgrade immediately.
- Do nothing, unless your release tier is set to *LTS*, to allow the automatic upgrade to occur as described above.
- To prevent future automatic upgrades, change your selected release tier to *LTS*.

**Warning:**

Before an upgrade, ensure that the new version is compatible with any third-party software or customizations to your system. We recommend that you stage the upgrade on a test system before you upgrade your production system.

Daily Updates

Use this menu to select how you want cPanel & WHM to update. You can choose from the following options:

- *Automatic* — Select this option if you want cPanel & WHM to automatically update through a cron job every night at midnight.
- *Manual Updates Only* — Select this option if you wish to manually update cPanel & WHM.
 - Command line — Run the `/usr/local/cpanel/scripts/upcp` script as the `root` user.
 - WHM — Navigate to the [Upgrade to Latest Version](#) interface (*Home >> cPanel >> Upgrade to Latest Version*).
- *Never Update* — Select this option if you do not want cPanel & WHM to update.

**Note:**

The maintenance portion of the `/usr/local/cpanel/scripts/upcp` script always runs as part of the nightly cron job, regardless of the update settings.

Staging Directory

The upgrade to newer versions of cPanel & WHM requires a minimum amount of disk space in order to stage the files necessary. This feature determines where the system places the staging files.

**Note:**

If the selected directory does not have enough disk space for the update, the system automatically selects a different directory for the next attempt. An email will notify you of the new selection, and you will have 24 hours to change the new directory.

To select the staging directory for the updates, perform one of the following actions:

- Keep the default directory. This defaults to the `/usr/local/cpanel` directory.
- Enter a new directory. If you enter a path to a different directory, the system will automatically create the `.cpanel__HOSTNAME__upcp_staging` subdirectory at that location, where `hostname` is the name of the actual server.
- Select a partition. The path to the selected partition will appear in the *Directory* text box. The *Available Partitions* table displays the available disk space on each of your partitions.

Operating System Package Updates

This feature determines whether the nightly maintenance tasks will update the RPM packages from your operating system distribution. This is similar to the `yum update` command.

- *Automatic* — Select this setting to automatically update the operating system packages when the `/usr/local/cpanel/scripts/upcp` script runs.
- *Manual Updates Only* — Select this setting if you wish to manually run the `/usr/local/cpanel/scripts/upcp` script to update operating system packages.
- *Never Update* — Select this setting if you do not wish to update the operating system packages when the `/usr/local/cpanel/scripts/upcp` script runs. If you select this option, you **must** run the `/usr/local/cpanel/scripts/rpmup2` script to update your operating system packages.

**Note:**

This setting does not effect cPanel-provided RPMs.

Apache SpamAssassin™ Rules Updates

This feature defines how you wish to update the Apache SpamAssassin rules.

- *Automatic* — Select this setting to automatically update Apache SpamAssassin rules when the `/usr/local/cpanel/scripts/upcp` script runs.
- *Manual Updates Only* — Select this setting if you wish to manually run the `/usr/local/cpanel/scripts/upcp` script to update Apache SpamAssassin rules.
- *Never Update* — Select this setting if you do not wish to update Apache SpamAssassin rules when the `/usr/local/cpanel/scripts/upcp` script runs.

**Notes:**

- When the cPanel update script (`/usr/local/cpanel/scripts/upcp`) runs, it updates Apache SpamAssassin through the Apache SpamAssassin update script (`/usr/local/cpanel/scripts/sa-update-wrapper`).
- For more information about Apache SpamAssassin rules, read the [Apache SpamAssassin](#) documentation.

Send my settings to all configuration cluster servers

Select the *Send my settings to all configuration cluster servers* checkbox to send your *Update Preferences* settings to all of the servers that are currently in your configuration cluster.

**Note:**

The interface only displays the *Send my settings to all configuration cluster servers* checkbox if you have already added additional servers to the configuration cluster with the [Configuration Cluster](#) interface (*Home >> Clusters >> Configuration Cluster*).

If you selected this option, the interface may require several seconds to load when you click *Save*, and will then display a confirmation message:

- Click *Show Details* to view the status of each server in the configuration cluster.
- An error icon () in the *Status* column indicates that the server **failed** to receive the settings.
- The *Message* column displays additional information about servers that failed.

Additional documentation

- [The cPanel & WHM Update Configuration File — /etc/cpupdate.conf](#) — Learn about how to manually edit the `/etc/cpupdate.conf` file.
- [cPanel & WHM Product Versions and the Release Process](#) — Learn about cPanel & WHM's product versions and release process.
- [Update Server Software](#) — This interface allows you to manually update software dependencies that your operating system installed, and which cPanel & WHM requires in order to run.
- [How to Update Your System](#) — Learn how to update the various services and packages on your server.