

The rpm.versions System

cPanel & WHM uses the rpm.versions distribution management system to manage RPM packages. This system offers cPanel & WHM users consistent updates for packaged software, and easier installation and maintenance.

Note:

This document does **not** include information for operating system-related RPMs.

- To install operating system RPMs, use WHM's *Install an RPM* interface (*WHM >> Home >> Software >> Install an RPM*).
 - To change how your server processes updates for these packages, use the *Operating System Package Updates* section of WHM's *Update Preferences* interface (*WHM >> Home >> Server Configuration >> Update Preferences*).
- [Introduction to the rpm.versions system](#) — This document gives a basic overview of cPanel & WHM's rpm.versions system.
 - [The rpm.versions File](#) — This document explains the contents of the `rpm.versions` file.
 - [RPM Targets](#)— This document explains RPM targets in the rpm.versions system, and provides a list of the available targets.
 - [The check_cpanel_rpms Script](#) — Use this script to track missing or out-of-date RPMs, check for altered RPMs, and uninstall unnecessary RPMs.
 - [How to Override the rpm.versions System](#) — This document explains how certain settings files can override the cPanel-provided RPM settings.
 - [The update_local_rpm_versions Script](#) — This document describes how to use the `/scripts/update_local_rpm_versions` script to modify how you override the rpm.versions system.
 - [RPM::Versions Hooks](#) — `RPM::Versions` hooks allow you to execute custom code before or after an RPM installs, updates, or uninstalls.
 - [The sysinfo.config File](#) — This document explains the contents of the `sysinfo.config` file. cPanel & WHM uses this file to determine which RPMs to download during installation and upgrades.
 - [How to Build and Install Custom RPMs](#) — This guide describes how to customize cPanel & WHM's rpm.versions system.

Important:

If you are new to the rpm.versions system, we recommend that you begin with the [Introduction to the rpm.versions system](#) documentation.

Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [The find_and_fix_rpm_issues Script](#)
- [The update_local_rpm_versions Script](#)
- [How to Override the rpm.versions System](#)
- [The check_cpanel_rpms Script](#)
- [RPM Targets](#)

Content by label

There is no content with the specified labels



- [RPM Installation Failures](#)
- [The find_and_fix_rpm_issues Script](#)

- [How to Set or Unset RPM Management](#)
- [The update_local_rpm_versions Script](#)
- [How to Override the rpm.versions System](#)

- [Guide to Standardized Hooks - RPM::Versions Functions](#)
- [WHM API 1 Functions - edit_rpm_version](#)
- [WHM API 1 Functions - list_rpms](#)
- [WHM API 1 Functions - package_manager_upgrade](#)
- [WHM API 1 functions - package_manager_list_packages](#)