

The sysinfo.config File

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Overview

The `/var/cpanel/sysinfo.config` file stores the server's system information settings. cPanel & WHM uses this file to determine which RPMs to download during installation and upgrades.

If the detection system fails to correctly identify the distribution or version of Linux, you can manually override those settings.

Warning:

This feature is for advanced users **only**. Changes that you make to the default configuration may render your server nonfunctional. Exercise caution when you edit this file.

Initial settings

cPanel & WHM runs the `/usr/local/cpanel/scripts/gensysinfo` script as part of nightly maintenance to automatically generate the `sysinfo.config` file. The system will **not** update the file if it is less than a day old.

If the `sysinfo.config` file does not exist or becomes corrupt, log into the server via SSH as the `root` user and run the `/usr/local/cpanel/scripts/gensysinfo` script to generate a new file.

Keys and default settings

The following table lists the keys that the system stores in the `/var/cpanel/sysinfo.config` file:

Key	Description	Possible Values	Example
<code>ises</code>	Whether the OS distribution is an Enterprise system. Note: This is a legacy parameter as of cPanel & WHM version 11.38.	<ul style="list-style-type: none">0 — Default value1 — The server distribution contains Corporate, Advanced Server, or Enterprise in its name.2 — The server distribution is either CloudLinux™ or CentOS.	2
<code>lock</code>	A list of RPM and <code>sysinfo.config</code> file keys that you do not want the system to update.	A comma-separated list of RPM or <code>sysinfo.config</code> file key names: <ul style="list-style-type: none"><code>release</code><code>rpm_arch</code><code>rpm_dist</code><code>rpm_dist_ver</code> Note: For more information about the <code>rpm.versions</code> system, read our Introduction to the rpm.versions system documentation.	<code>rpm_dist,rpm_arch</code>
<code>release</code>	The Linux distribution's release number.	A valid string.	6.6
<code>rpm_arch</code>	The OS's architecture.	<code>x86_64</code> — 64-bit system.	<code>x86_64</code>

rpm_dist	The name of the system's OS distribution.	<ul style="list-style-type: none"> amazon centos rhel cloudlinux 	centos
rpm_dist_ver	The system's OS distribution's version number.	<ul style="list-style-type: none"> 6 7 unknown — If the rpm_dist_ver key uses this value, run the /usr/local/cpanel/scripts/gensysinfo script. <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p>Warning The rpm_dist_ver value must match the system's initial version of the operating system's distribution.</p> </div>	6

Additional documentation

Suggested documentation For cPanel users For WHM users For developers

- [The sysinfo.config File](#)
 - [Installation Guide - System Requirements](#)
 - [Linux Containers](#)
 - [Third-Party Software](#)
 - [RPM Targets](#)
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- [Server Information for cPanel](#)
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- [The sysinfo.config File](#)
 - [Installation Guide - System Requirements](#)
 - [How to Update Your System](#)
 - [Linux Containers](#)
 - [How to Set or Unset RPM Management](#)
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- [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](#)