

# 74 Release Notes

## For cPanel & WHM 74

***This page was last updated on:***

Upgrade blockers

New features

- Add comments about Remote MySQL® hosts
  - New S3 Compatible destination type in WHM's Backup Configuration interface
  - Reject and hold outgoing mail for suspect spammers
  - Display a message to reboot the server after essential software updates.
  - Restore config without force
  - DNS-based DCV
  - Link to our Privacy Policy
  - New SMTP options in the Exim Configuration Manager
  - New touch files to disable services
  - Apache SpamAssassin™ Spam Box delivery of messages marked as spam enabled by default
  - Updated Backup User Selection interface workflow
  - Added the disable argument to the restorepkg script
  - AutoSSL user notifications
  - Graceful restarts for PHP-FPM
  - Updated Git Version Control feature
    - Deployment
    - Active branches
  - IP addresses in sidebar in cPanel Home interface
  - Link to Create a New Account interface added to the List Accounts interface
  - Optional password for SSH keys
  - Set wildcard per domain pricing
  - WHM backup and restore performance improvement
  - Public contact information on suspended and default placeholder pages
  - TaskQueue Improvements
  - Visual changes to alerts
  - EasyApache 4 interface
  - MultiPHP Manager
  - cPanel & WHM installation
  - FCGId
  - Piped logging enabled by default
  - Back up the /etc/cpanel/ea4/php.conf file
  - The /scripts/upcp command
  - Apache SpamAssassin error log file rotated by default
  - New pkgacct script options
  - Password age setting update
- Deprecated and removed items
- Removed one tweak setting
  - EasyApache 4 profiles and end-of-life versions of PHP
  - Removed XML output in API functions
- Appendix A: Third-party applications
- cPanel-provided
  - PHP Modules
  - Perl modules
  - OS-provided
- Appendix B: New and modified API functions
- New UAPI functions
  - New WHM API 1 functions
  - Modified UAPI functions
  - Modified WHM API 1 functions
  - Deprecated WHM API 1 Functions
  - Deprecated UAPI Functions

## Upgrade blockers

None.

## New features

## Add comments about Remote MySQL® hosts

In cPanel & WHM version 74, we added a *Comment* text box to cPanel's *Remote MySQL* interface (*cPanel >> Home >> Databases >> Remote MySQL*). This text box allows you to record specific information about each remote MySQL host, which the interface displays in the *Manage Access Hosts* table.

When you create a backup tarball (*.tar.gz*) file, the system stores the comments about each remote MySQL host in the `mysql_host_notes.json` file.

When you transfer an account via the *pkgacct* script or WHM's *Transfer Tool* interface (*WHM >> Home >> Transfers >> Transfer Tool*), the system also transfers each remote MySQL host's comments.

## New S3 Compatible destination type in WHM's Backup Configuration interface

In cPanel & WHM version 74, we added the *S3 Compatible* destination type to WHM's *Backup Configuration* interface (*WHM >> Home >> Backup >> Backup Configuration*). This option allows users to save their backups to an additional destination that is compatible with a simple storage service other than Amazon S3™.

## Reject and hold outgoing mail for suspect spammers

When an email account sends outbound mail to a large number of unique recipients, the server marks that email account as a potential spammer. Administrators can configure the threshold of unique recipients with the *Number of unique recipients per hour to trigger potential spammer notification* tweak setting.

In cPanel & WHM version 74, administrators can now select the action that the server should automatically perform when it detects potential spammers. Use the *Select the action for the system to take on an email account when it detects a potential spammer* tweak setting to configure this behavior in the *Mail* section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*). The server will perform one of the following actions:

- *Take no action* — Do not perform any action for the email account.
- *Hold outgoing mail* — Hold all outbound messages in a queue for the email account.
- *Reject outgoing mail* — Reject all outbound messages for the email account.

**Note:**

This setting defaults to *Take no action*.

To release or delete outgoing mail held in the queue, perform the following actions in cPanel's *Email Accounts* interface (*cPanel >> Home >> Email >> Email Accounts*):

1. Click *Manage Suspension*.
2. Select *Allow* for the *Send* option.
3. If applicable, click *Delete messages from the mail queue* to remove any queued messages.
4. Click *Save*.

## Display a message to reboot the server after essential software updates.

In cPanel & WHM version 74, we added the *Display a message to reboot the server after essential software updates* option to the *Security* tab in WHM's *Tweak Settings* interface (*WHM >> Home >> System Configuration >> Tweak Settings*). This setting configures the server to display a message to reboot the server after it installs an essential software update.

**Important:**

If you disable this setting, you will need to manually reboot the server after essential software updates to address security issues.

This setting defaults to *On*.

## Restore config without force

In cPanel & WHM version 74, we added the ability to restore *The cpanel.config File* for users from a local or remote destination via the WHM API 1 `restore_config_from_file` and `restore_config_from_upload` functions. This significantly improves provisioning times and proves especially useful for deploying configurations across multiple servers.

## DNS-based DCV

In cPanel & WHM version 74, we added DNS-based Domain Control Validation (DCV), which the server automatically runs if HTTP-based DCV fails. DNS-based DCV provides an additional method for cPanel & WHM servers to prove domain control to certificate authorities. This new method will significantly improve SSL issuance rates and reduce AutoSSL notifications.

## Link to our Privacy Policy

In cPanel & WHM version 74, we added a link to our [Privacy Policy](#) in the cPanel and WHM interfaces. The link appears in the following locations:

- Under the *Copyright© 2018 cPanel, Inc* notice at the bottom of the cPanel, WHM, and Webmail *Login* interfaces.
- Under the *Side Navigation Menu* in the WHM *Home* interface.
- At the bottom-right corner of the cPanel *Home* interface.

This link remains visible as you navigate throughout the cPanel and WHM interfaces.

## New SMTP options in the Exim Configuration Manager

In cPanel & WHM version 74, we added the following options to the *Mail* section of the *Basic Editor* tab of WHM's *Exim Configuration Manager* interface (*WHM >> Home >> Service Configuration >> Exim Configuration Manager*):

- *Hosts to which to advertise the SMTP DSN option* — Specify a list of hosts to which to advertise SMTP support for Delivery Status Notification (DSN).
- *Hosts to which to advertise the SMTPUTF8 SMTP option* — Specify a list of hosts to which to advertise SMTP support for international email addresses that contain UTF-8 characters.

For more information about these settings, read [ietf.org's RFC 3461](#) and [RFC 6531](#) documentation.

## New touch files to disable services

In cPanel & WHM version 74, we created the `/var/cpanel/disabled` directory. System administrators can add touch files to this directory to disable services.

The following touch files are available:

- `cloudlinux`
- `secureit`
- `securetmp`
- `terminal-colors`
- `auto-restart-services`

For more information, read our [How to Disable Services](#) documentation.

## Updated features

### Apache SpamAssassin™ Spam Box delivery of messages marked as spam enabled by default

In cPanel & WHM version 74, we enabled Apache SpamAssassin™ *Spam Box* by default. You can change this setting in the *Enable Apache SpamAssassin™ Spam Box delivery for messages marked as spam (user configurable)* section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*).

### Updated *Backup User Selection* interface workflow

We updated the look and feel of WHM's *Backup User Selection* interface (*WHM >> Home >> Backup >> Backup User Selection*) with new toggles and a new *Account Actions* menu button.

### Added the `disable` argument to the `restorepkg` script

In cPanel & WHM version 74, we added the `disable` argument to the `restorepkg` script. Users can now choose which modules to disable when they restore an account.

**Warning:**

We **strongly** recommend that **only** advanced users apply this option. If you incorrectly configure this option, the cPanel account may restore in a broken state.

## AutoSSL user notifications

In cPanel & WHM version 74, we streamlined the number of configuration options, which makes it efficient for users and administrators to configure AutoSSL notifications.

For WHM users, we updated the *Options* tab in WHM's *Manage AutoSSL* interface (*WHM >> Home >> SSL/TLS >> Manage AutoSSL*). Administrators can now configure user notifications independent of their settings in WHM, such as all events or failures only, or disable all AutoSSL notifications.

For cPanel users, we updated cPanel's *Contact Information* interface (*cPanel >> Home >> Preferences >> Contact Information*) to reduce the *AutoSSL Notifications* user notification preferences to four options. Some settings only appear based on the notification level that your WHM administrator sets in the *Manage AutoSSL* interface (*WHM >> Home >> SSL/TLS >> Manage AutoSSL*).

### Notes:

- These settings are **not** available if your WHM administrator disables AutoSSL user notifications in the *Manage AutoSSL* interface (*WHM >> Home >> SSL/TLS >> Manage AutoSSL*).
- These settings are **not** available to Webmail users.

## Graceful restarts for PHP-FPM

In cPanel & WHM version 74, we added the ability to restart PHP-FPM without service interruptions to clients that request PHP resources. During the PHP-FPM graceful restart, the system stops and restarts the PHP-FPM *pool processes*. As a result, the system temporarily holds the Apache process requests. When the PHP-FPM pool processes begin again, Apache passes the queued process requests on to the PHP-FPM pool processes and the workflow continues as normal.

## Updated Git Version Control feature

We have updated cPanel's *Git Version Control* interface (*cPanel >> Home >> Files >> Git Version Control*) to include the following new features:

### Deployment

cPanel users can now use the *Manage* section of the interface to manually **or** automatically deploy changes from cPanel-hosted repositories.

- A custom `.cpanel.yml` file allows users to add deployment tasks to specific repositories.
- The system pulls changes with the `--ff-only` option and will only succeed if the branch's HEAD commit is up-to-date or Git can fast forward it. For this reason, we **strongly** recommend that users **only** deploy changes from a remote repository or a clone of it on their local computer.
  - They should **not** directly change the cPanel-managed repository's contents.
  - For more information about our suggested deployment configuration and how to set it up, read our [Guide to Git - Set Up Deployment](#) documentation.
- For more information about deployment, read our [Guide to Git - Deployment](#) documentation.

### Active branches

The interface's *Active Branch* menu now displays both local and remote branches.

## IP addresses in sidebar in cPanel Home interface

As of cPanel & WHM version 74, the cPanel *Home* interface displays the account's shared IP address or dedicated IP address in the sidebar.

For more information, read our [The cPanel Interface](#) documentation.

## Link to Create a New Account interface added to the List Accounts interface

In cPanel & WHM version 74, we added a link to WHM's *Create a New Account* interface (*WHM >> Home >> Account Functions >> Create a New Account*) on WHM's *List Accounts* interface (*WHM >> Home >> Account Information >> List Accounts*). This link appears when your hosting provider enables the *Create Accounts* privilege in WHM's *Edit Reseller Nameservers and Privileges* interface (*WHM >> Home >> Resellers >>*

*Edit Reseller Nameservers and Privileges*).

## Optional password for SSH keys

In cPanel & WHM version 74, we changed the requirement to assign a password to a new SSH key in cPanel's *SSH Access* interface (*cPanel >> Home >> Security >> SSH Access*). If the hosting provider sets the *SSH Keys* setting to *0* in WHM's *Password Strength Configuration* interface (*WHM >> Home >> Security Center >> Password Strength Configuration*), you do **not** need to assign a password to a new SSH key.

## Set wildcard per domain pricing

In cPanel & WHM version 74, we enabled wildcard per domain pricing on supported providers. Administrators can now set wildcard per domain pricing in WHM's *Market Provider Manager* interface (*WHM >> Home >> Market >> Market Provider Manager*).

## WHM backup and restore performance improvement

In cPanel & WHM version 74, we improved the performance of the `cpconftool`'s `backup` and `restore` options. We also added the ability to restore a configuration file via API with the new WHM API 1 `restore_config_from_upload` and `restore_config_from_file` functions.

For more information, read our [cpconftool Script](#) documentation.

## Public contact information on suspended and default placeholder pages

In cPanel & WHM version 74, we display the hosting provider's contact information on the *Account Suspended* and *Default Webpage* placeholder pages. This allows visitors to these pages to contact the hosting provider directly. You can update the contact information that these pages display in the *Public Contact* section of WHM's *Customization* interface (*WHM >> Home >> cPanel >> Customization*). For more information about placeholder pages, read the *template types* section of our [Web Template Editor](#) documentation.

## TaskQueue Improvements

In cPanel & WHM version 74, we optimized the task queue for certain FTP-, Dovecot®, and Solr-related tasks. This allows the server to group the commands together, which results in higher efficiency and lower run times.

## Visual changes to alerts

In cPanel & WHM version 74, we improved how the interface displays alerts. In previous versions, the system presented many alerts inline within the interface. When this occurred, the alerts would move content in the interface. Now, the system floats the alerts at the top of most interfaces and does not alter the page's layout.

## EasyApache 4 interface

We updated the *Home* section of WHM's *EasyApache 4* interface (*WHM >> Home >> Software >> EasyApache 4*) to display the *Update EasyApache 4* button and **only** update EasyApache 4 packages. If updates exist, this link opens the *Review* section of the EasyApache 4 interface, populated with the packages that require updates. Otherwise, this button displays *EasyApache 4 is up to date*.

In previous versions of cPanel & WHM, the interface displayed *Run System Update*, and opened WHM's *System Update* interface (*WHM >> Home >> Software >> System Update*) when clicked.

## MultiPHP Manager

We updated the *MultiPHP Manager* interface (*Home >> Software >> MultiPHP Manager*) in both cPanel and WHM to display PHP versions in a more human-readable format.

## cPanel & WHM installation

We added the `--skiprepositsetup` option to the cPanel & WHM installation script. This option skips the installation of the EasyApache 4 yum repositories. This is useful if you wish to use custom repositories instead of the cPanel & WHM-provided ones.

## FCGId

We made the `mod_fcgid` Apache module compatible with EasyApache 4's MultiPHP system in cPanel & WHM version 74. However, if your default PHP version uses FCGId, then **all** PHP versions will use FCGId.

For more information, read our [Apache Module: FCGId](#) documentation.

## Piped logging enabled by default

We now enable piped logging by default on fresh installs of cPanel & WHM. You can change this setting in the *Piped Log Configuration* section of WHM's [Apache Configuration](#) interface (*WHM >> Home >> Service Configuration >> Apache Configuration >> Piped Log Configuration*).

## Back up the `/etc/cpanel/ea4/php.conf` file

We now back up the `/etc/cpanel/ea4/php.conf` file whenever an action writes to the file. The system writes to the `/etc/cpanel/ea4/php.conf.bak/TIME.PID` file, where `TIME` represents the time the system made the change and `PID` represents the process PID. The system **only** retains the 20 most recent `php.conf` file changes.

## The `/scripts/upcp` command

When you run the `/scripts/upcp` command with the `--force` option, the system now executes the `yum clean all` command before it runs `yum update`, if required.

## Apache SpamAssassin error log file rotated by default

In cPanel & WHM version 74, we updated the `cpanellogd` daemon to compress and archive (rotate) the `/usr/local/cpanel/logs/spamd_error_log` file by default. You can select the files that you want to rotate in WHM's [cPanel Log Rotation Configuration](#) interface (*WHM >> Home >> Service Configuration >> cPanel Log Rotation Configuration*).

## New `pkgacct` script options

The `/usr/local/cpanel/scripts/pkgacct` script now includes new options to exclude an account's mail and `public_html` directories. For more information, read our [The pkgacct Script](#) documentation.

## Password age setting update

In cPanel & WHM version 74, we updated the *Password Age* setting in WHM's [Configure Security Policies](#) interface (*WHM >> Home >> Security Center >> Configure Security Policies*) to enforce the setting for Webmail.

The system prompts Webmail users to change their password if its age exceeds the *Maximum Password Age (in days)* setting's value.

## Deprecated and removed items

### Removed one tweak setting

In cPanel & WHM version 74, we removed the *Include password in the raw log download link in cPanel (via FTP)* setting from the [Stats and Logs](#) section of WHM's [Tweak Settings](#) interface (*WHM >> Home >> Server Configuration >> Tweak Settings*). We also removed the `ftppasslogs` key from the `/var/cpanel/cpanel.config` file.

## EasyApache 4 profiles and end-of-life versions of PHP

We **removed** PHP 5.4 and 5.5 from the cPanel-provided EasyApache 4 profiles. EasyApache 4 adheres to the [php.net supported versions timeline](#). The profiles that we supply in WHM's [EasyApache 4](#) interface (*WHM >> Home >> Software >> EasyApache 4*) **only** provide PHP versions that [php.net](#) currently supports.

RPMs for unsupported versions of PHP will remain on the cPanel Inc. mirrors and servers, but we will **not** provide any further updates.

## Removed XML output in API functions

In cPanel & WHM version 74, we **removed** the Extensible Markup Language (XML) output format from all of our API functions. We [previously deprecated](#) XML output in cPanel & WHM version 66.

**Important:**

You **must** use the JSON return format when you call API functions.

## Appendix A: Third-party applications

### cPanel-provided

cPanel & WHM version 74 includes the following third-party applications:

- ▼ [Click here to view the full list of third-party applications...](#)
- ▼ [Third-party MISC modules: CentOS, CloudLinux™, or RHEL® 6 or 7, 64-bit architecture...](#)

Third-party application	Version	Source
analog	6.0	RPM
AngularJS	1.4.4	RPM
AngularJS for Bootstrap	1.2.5	RPM
AWStats	7.6	RPM
Bootstrap	3.1.1	RPM
Bootstrap RTL	0.9.16	RPM
Chosen	1.5.1	RPM
CKEditor	4.5.8	RPM
ClamAV	0.100.0	RPM
cPanel Common Licenses RPM	1.0.0	RPM
cpanel-ace-editor	1.3.1	RPM
cpanel-angular-chosen	1.4.0	RPM
cpanel-angular-growl-2	0.7.3	RPM
cpanel-angular-ui-scroll	1.6.1	RPM
cpanel-axe-core	3.0.2	RPM
cpanel-bindp	1.0.0	RPM
cpanel-chosen-1.1.0	1.1.0	RPM
cpanel-d3-js	3.5.6	RPM
cpanel-dnspython	1.12.0	RPM
cpanel-editarea	0.8.2	RPM
cpanel-eventsouce-polyfill-js	1.0.0	RPM
cpanel-geoipfree-data	74.0	RPM
cpanel-gridstack	0.2.4	RPM
cpanel-handlebarsjs	1.0.0	RPM

cpanel-jquery-ui-touch-punch	0.2.3	RPM
cpanel-jsforge-js	0.7.0	RPM
cpanel-jstz-js	1.0.4	RPM
cpanel-lodash	4.8.2	RPM
cpanel-lodash-3.10.1	3.10.1	RPM
cpanel-mailman	2.1.26	RPM
cpanel-mariadb-connector	3.0.3	RPM
cpanel-moment	2.9.0	RPM
cpanel-pam-cpses	72.0	RPM
cpanel-pam-hulk	72.0	RPM
cpanel-pdns	3.4.11	RPM
cpanel-perl-524	5.24.1	RPM
cpanel-php-composer	1.6.2	RPM
cpanel-phpmyadmin	4.7.7	RPM
cpanel-phppgadmin	5.1	RPM
cpanel-qrcodejs	0.0.1	RPM
cpanel-roundcubemail	1.3.3	RPM
cpanel-sqlite	3.22.0	RPM
cpanel-version	[% cpanel_display_version %]	RPM
cpanel-wrap	72.5	RPM
cpanel-xtermjs-js	3.3.0	RPM
Dovecot	2.2.36	RPM
elFinder	2.1.11	RPM
Exim	4.91	RPM
FontAwesome	5.0.6	RPM
Git	2.18.0	RPM
HTML Tidy	1.1	RPM
IMAP	2007f	RPM
jQuery 3.2.0	3.2.0	RPM
Libmcrypt	2.5.8	RPM
libspf2	1.2.10	RPM
libsrs_alt SRS library	1.0	RPM
Mongrel	1.1.5	src/3rdparty/ruby/gems
MyDNS	1.2.8.31	RPM
MySQL®	5.1.73	RPM
MySQL® 5.5	5.5.60	RPM
MySQL® 5.6	5.6.40	RPM



NSD	3.2.18	RPM
Open Sans	1.0	RPM
p0f	3.09b	RPM
PigZ	2.4	RPM
PostgreSQL	9.0.18	RPM
ProFTPD	1.3.6	RPM
Pure-FTP	1.0.47	RPM
PuttyGen	0.70	RPM
Rack	1.1.6	<code>src/3rdparty/ruby/gems</code>
re2c	1.0.3	RPM
RequireJS	2.1.14	RPM
rpm_is_working	1.0	RPM
RRDs	v1.5.5	RPM
rrdtool	1.5.5	RPM
site-publisher-templates	1.0	RPM
splitlogs	1.0	RPM
squirrelmail client for webmail	2012.12.09	RPM
Test2::Harness	0.001065	RPM
User::Perl	1.0	RPM
Webalizer	2.23_08	RPM
yui (Yahoo User Experience Tools)	2.9.0	RPM

## PHP Modules

cPanel & WHM version 74 includes the following PHP modules:

- [▼ Click here to view the full list of PHP modules...](#)
- [▼ Third-party PHP modules: CentOS, CloudLinux™, or RHEL® 6 or 7, 64-bit architecture...](#)

Third-party application	Version	Source
Auth_SASL	1.0.6	RPM
Cache	1.5.6	RPM
Console_Color	1.0.3	RPM
Console_Table	1.1.5	RPM
content	2.0.5	RPM
cpanel-php56	5.6.30	RPM
Date	1.4.7	RPM
Date_Holidays	0.21.8	RPM
Date_Holidays_Australia	0.2.1	RPM
Date_Holidays_Austria	0.1.5	RPM

Date_Holidays_Brazil	0.1.2	RPM
Date_Holidays_Croatia	0.1.1	RPM
Date_Holidays_Czech	0.1.0	RPM
Date_Holidays_Denmark	0.1.3	RPM
Date_Holidays_EnglandWales	0.1.5	RPM
Date_Holidays_Finland	0.1.2	RPM
Date_Holidays_Germany	0.1.2	RPM
Date_Holidays_Iceland	0.1.2	RPM
Date_Holidays_Ireland	0.1.3	RPM
Date_Holidays_Italy	0.1.1	RPM
Date_Holidays_Japan	0.1.2	RPM
Date_Holidays_Netherlands	0.1.3	RPM
Date_Holidays_Norway	0.1.2	RPM
Date_Holidays_PHPdotNet	0.1.2	RPM
Date_Holidays_Portugal	0.1.0	RPM
Date_Holidays_Romania	0.1.2	RPM
Date_Holidays_Russia	0.1.0	RPM
Date_Holidays_SanMarino	0.1.1	RPM
Date_Holidays_Serbia	0.1.0	RPM
Date_Holidays_Slovenia	0.1.2	RPM
Date_Holidays_Spain	0.1.3	RPM
Date_Holidays_Sweden	0.1.3	RPM
Date_Holidays_Turkey	0.1.1	RPM
Date_Holidays_Ukraine	0.1.2	RPM
Date_Holidays_UNO	0.1.3	RPM
Date_Holidays_USA	0.1.1	RPM
Date_Holidays_Venezuela	0.1.1	RPM
DB	1.7.14	RPM
File	1.4.1	RPM
File_Find	1.3.2	RPM
File_Fstab	2.0.3	RPM
Horde Groupware Webmail Edition	5.2.10	RPM
Horde_Alarm	2.2.7	RPM
Horde_Argv	2.0.12	RPM
Horde_Auth	2.1.12	RPM
Horde_Autoloader	2.1.2	RPM
Horde_Browser	2.0.12	RPM

Horde_Cache	2.5.3	RPM
Horde_Cli	2.0.6	RPM
Horde_Compress	2.1.5	RPM
Horde_Compress_Fast	1.1.1	RPM
Horde_Constraint	2.0.3	RPM
Horde_Controller	2.0.4	RPM
Horde_Core	2.23.0	RPM
Horde_Crypt	2.7.3	RPM
Horde_Crypt_Blowfish	1.1.1	RPM
Horde_Css_Parser	1.0.10	RPM
Horde_CssMinify	1.0.2	RPM
Horde_Data	2.1.4	RPM
Horde_Date	2.3.0	RPM
Horde_Date_Parser	2.0.5	RPM
Horde_Dav	1.1.3	RPM
Horde_Db	2.3.1	RPM
Horde_Editor	2.0.4	RPM
Horde_ElasticSearch	1.0.2	RPM
Horde_Exception	2.0.8	RPM
Horde_Feed	2.0.1	RPM
Horde_Form	2.0.13	RPM
Horde_Group	2.1.1	RPM
Horde_HashTable	1.2.4	RPM
Horde_History	2.3.6	RPM
Horde_Http	2.1.6	RPM
Horde_Icalendar	2.1.4	RPM
Horde_Idna	1.0.4	RPM
Horde_Image	2.3.5	RPM
Horde_Imap_Client	2.29.6	RPM
Horde_Imsp	2.0.5	RPM
Horde_Injector	2.0.5	RPM
Horde_Itip	2.1.2	RPM
Horde_JavascriptMinify	1.1.3	RPM
Horde_Kolab_Format	2.0.4	RPM
Horde_Kolab_Session	2.0.1	RPM
Horde_ListHeaders	1.2.4	RPM
Horde_Lock	2.1.2	RPM

Horde_Log	2.2.0	RPM
Horde_LoginTasks	2.0.7	RPM
horde_lz4	1.0.10	RPM
Horde_Mail	2.6.3	RPM
Horde_Mail_Autoconfig	1.0.3	RPM
Horde_Mime	2.9.5	RPM
Horde_Mime_Viewer	2.1.3	RPM
Horde_Nls	2.2.0	RPM
Horde_Notification	2.0.4	RPM
Horde_Oauth	2.0.1	RPM
Horde_Pack	1.0.6	RPM
Horde_Pdf	2.0.3	RPM
Horde_Permis	2.1.7	RPM
Horde_Prefs	2.7.6	RPM
Horde_Queue	1.1.3	RPM
Horde_Rdo	2.0.5	RPM
Horde_Role	1.0.1	RPM
Horde_Routes	2.0.5	RPM
Horde_Rpc	2.1.7	RPM
Horde_Secret	2.0.6	RPM
Horde_Serialize	2.0.5	RPM
Horde_Service_Facebook	2.0.5	RPM
Horde_Service_Twitter	2.1.1	RPM
Horde_SessionHandler	2.2.7	RPM
Horde_Share	2.0.10	RPM
Horde_Smtp	1.9.3	RPM
Horde_Socket_Client	2.1.1	RPM
Horde_SpellChecker	2.1.3	RPM
Horde_Stream	1.6.3	RPM
Horde_Stream_Filter	2.0.4	RPM
Horde_Stream_Wrapper	2.1.3	RPM
Horde_Support	2.1.5	RPM
Horde_SyncMl	2.0.3	RPM
Horde_Template	2.0.3	RPM
Horde_Text_Diff	2.1.2	RPM
Horde_Text_Filter	2.3.4	RPM
Horde_Text_Flowed	2.0.3	RPM

Horde_Timezone	1.0.11	RPM
Horde_Token	2.0.9	RPM
Horde_Translation	2.2.1	RPM
Horde_Tree	2.0.4	RPM
Horde_Url	2.2.5	RPM
Horde_Util	2.5.7	RPM
Horde_Vfs	2.3.2	RPM
Horde_View	2.0.6	RPM
Horde_Xml_Element	2.0.4	RPM
Horde_Xml_Wbxml	2.0.1	RPM
Horde_Yaml	2.0.2	RPM
HTML_Template_IT	1.3.0	RPM
HTTP	1.4.1	RPM
HTTP_Request	1.4.4	RPM
HTTP_WebDAV_Server	1.0.0RC8	RPM
imp	6.2.14	RPM
ingo	3.2.10	RPM
ionCube Loader	5.1.2	RPM
Kronolith	4.2.16	RPM
Log	1.12.7	RPM
Mail	1.2.0	RPM
Mail_Mime	1.8.3	RPM
MDB2	2.4.1	RPM
Mnemo	4.2.10	RPM
nag	4.2.9	RPM
Net_DNS2	1.4.1	RPM
Net_FTP	1.3.7	RPM
Net_IMAP	1.1.2	RPM
Net_Sieve	1.3.2	RPM
Net_SMTTP	1.6.2	RPM
Net_Socket	1.0.14	RPM
Net_URL	1.0.15	RPM
Net_UserAgent_Detect	2.5.2	RPM
PEAR_Command_Packaging	0.3.0	RPM
Services_Weather	1.4.7	RPM
SOAP	0.13.0	RPM
SourceGuardian PHP Encoder	10.0	RPM

Text_Figlet	1.0.2	RPM
timeobjects	2.1.2	RPM
treat	1.1.5	RPM
turba	4.2.14	RPM
webmail	5.2.14	RPM
XML_Parser	1.3.4	RPM
XML_RPC	1.5.5	RPM
XML_Serializer	0.20.2	RPM
XML_SVG	1.1.0	RPM
Zend Optimizer	7.0.0	RPM

## Perl modules

cPanel & WHM version 74 includes the following Perl modules:

▼ [Click here to view the full list of Perl modules...](#)

▼ [Third-party Perl modules: CentOS, CloudLinux™, or RHEL® 6 or 7, 64-bit architecture...](#)

Third-party application	Version	Source
ack	2.18	RPM
Acme::Bleach	1.150	RPM
Acme::Damn	0.08	RPM
Acme::Spork	v0.0.8	RPM
Algorithm::C3	0.10	RPM
Algorithm::Dependency	1.110	RPM
Algorithm::Diff	1.1903	RPM
aliased	0.34	RPM
Amazon::S3	0.45	RPM
AnyEvent	7.14	RPM
Apache SpamAssassin	3.004001	RPM
Apache::LogFormat::Compiler	0.35	RPM
App::Cmd	0.331	RPM
App::CmdDispatch	0.43	RPM
App::cpanminus	1.7044	RPM
App::Nopaste	1.010	RPM
AppConfig	1.71	RPM
Archive::Any	0.0945	RPM
Archive::Extract	0.80	RPM
Archive::Tar::Builder	2.5002	RPM
Archive::Tar::Streamed	0.03	RPM

Archive::Tar::Wrapper	0.23	RPM
Archive::Zip	1.59	RPM
Array::Base	0.006	RPM
Authen::Libwrap	0.23	RPM
Authen::SASL	2.16	RPM
autobox	2.85	RPM
B::C	5.026014	RPM
B::Flags	0.17	RPM
B::Hooks::EndOfScope	0.21	RPM
B::Hooks::OP::Check	0.22	RPM
B::Keywords	1.15	RPM
B::Lint	1.20	RPM
B::Utils	0.27	RPM
bareword::filehandles	0.005	RPM
Browser::Open	0.04	RPM
BSD::Resource	1.2911	RPM
Build::PPK	0.03	RPM
Business::ISBN::Data	20140910.003	RPM
Business::ISBN	3.004	RPM
Business::OnlinePayment::AuthorizeNet	3.23	RPM
Business::OnlinePayment	3.04	RPM
Business::UPS	2.01	RPM
Cache::Cache	1.08	RPM
Cache::FastMmap	1.46	RPM
Cache::Memcached::GetParserXS	0.01	RPM
Cache::Memcached	1.30	RPM
Call::Context	0.02	RPM
Capture::Tiny	0.46	RPM
Carp::Always	0.13	RPM
Carp::Clan	6.06	RPM
Catalyst::Action::RenderView	0.16	RPM
Catalyst::Action::REST	1.20	RPM
Catalyst::ActionRole::ACL	0.07	RPM
Catalyst::Authentication::Store::DBIx::Class	0.1506	RPM
Catalyst::Component::InstancePerContext	0.001001	RPM
Catalyst::Controller::ActionRole	0.17	RPM
Catalyst::Devel	1.39	RPM

Catalyst::Log::Log4perl	1.06	RPM
Catalyst::Model::DBIC::Schema	0.65	RPM
Catalyst::Plugin::Authentication	0.10023	RPM
Catalyst::Plugin::Authorization::Roles	0.09	RPM
Catalyst::Plugin::AutoCRUD	2.200002	RPM
Catalyst::Plugin::Cache::FastMmap	0.9	RPM
Catalyst::Plugin::Cache	0.12	RPM
Catalyst::Plugin::ConfigLoader	0.34	RPM
Catalyst::Plugin::HashedCookies	1.131710	RPM
Catalyst::Plugin::Redirect	0.02	RPM
Catalyst::Plugin::Session::State::Cookie	0.17	RPM
Catalyst::Plugin::Session::Store::FastMmap	0.16	RPM
Catalyst::Plugin::Session	0.40	RPM
Catalyst::Plugin::StackTrace	0.12	RPM
Catalyst::Plugin::Static::Simple	0.34	RPM
Catalyst::Plugin::UploadProgress	0.06	RPM
Catalyst::Runtime	5.90115	RPM
Catalyst::TraitFor::Request::BrowserDetect	0.02	RPM
Catalyst::View::JSON	0.36	RPM
Catalyst::View::TT	0.44	RPM
CatalystX::Component::Traits	0.19	RPM
CatalystX::RoleApplicator	0.005	RPM
CDB_File	0.99	RPM
CGI::Deurl::XS	0.08	RPM
CGI::Session	4.48	RPM
CGI::Simple	1.115	RPM
CGI::Struct	1.21	RPM
CGI	4.36	RPM
Class::Accessor::Chained	0.01	RPM
Class::Accessor::Grouped	0.10012	RPM
Class::Accessor	0.34	RPM
Class::Base	0.08	RPM
Class::C3::Adopt::NEXT	0.14	RPM
Class::C3::Componentised	1.001000	RPM
Class::C3	0.33	RPM
Class::Data::Inheritable	0.08	RPM
Class::ErrorHandler	0.04	RPM



Class::Factory::Util	1.7	RPM
Class::Inner	0.200001	RPM
Class::Inspector	1.32	RPM
Class::Load::XS	0.10	RPM
Class::Load	0.24	RPM
Class::Loader	2.03	RPM
Class::Method::Modifiers	2.12	RPM
Class::Singleton	1.5	RPM
Class::Std::Utils	v0.0.3	RPM
Class::Std	0.013	RPM
Class::Tiny::Chained	0.004	RPM
Class::Tiny	1.006	RPM
Class::Unload	0.11	RPM
Class::XSAccessor	1.19	RPM
Clipboard	0.13	RPM
Clone::PP	1.07	RPM
Clone	0.39	RPM
common::sense	3.74	RPM
Compress::Bzip2	2.26	RPM
Compress::Raw::Lzma	2.074	RPM
Config::Any	0.29	RPM
Config::Crontab	1.45	RPM
Config::General	2.63	RPM
Config::GitLike	1.17	RPM
Config::Identity	0.0019	RPM
Config::INI	0.025	RPM
Config::MVP::Reader::INI	2.101463	RPM
Config::MVP	2.200010	RPM
Config::Simple	4.58	RPM
Config::Tiny	2.23	RPM
Context::Preserve	0.02	RPM
Convert::ASCII::Armour	1.4	RPM
Convert::ASN1	0.27	RPM
Convert::BinHex	1.125	RPM
Convert::PEM	0.08	RPM
Convert::TNEF	0.18	RPM
Cookie::Baker	0.08	RPM

CPAN::DistnameInfo	0.12	RPM
CPAN::Meta::Check	0.014	RPM
CPAN::SQLite	0.211	RPM
CPAN::Uploader	0.103013	RPM
cpanel-perl-526	5.26.0	RPM
Cpanel::Class	v1.0.6	RPM
Cpanel::Cleanup	0.4	RPM
Cpanel::CORE::Dependencies	2.0	RPM
Cpanel::JSON::XS	3.0237	RPM
cPanel::MemTest	0.3	RPM
Cpanel::Optimizer	0.3	RPM
Cpanel::OS	0.9	RPM
Cpanel::POSIX::Tiny	1.3	RPM
cPanel::PublicAPI	2.2	RPM
cPanel::SyncUtil	0.8	RPM
cPanel::TaskQueue	0.850	RPM
Cpanel::UniqId	0.2	RPM
Crypt::Blowfish	2.14	RPM
Crypt::CAST5_PP	1.04	RPM
Crypt::CBC	2.33	RPM
Crypt::DES	2.07	RPM
Crypt::DES_EDE3	0.01	RPM
Crypt::DSA	1.17	RPM
Crypt::Ed25519	1.04	RPM
Crypt::Format	0.07	RPM
Crypt::GPG	1.64	RPM
Crypt::IDEA	1.10	RPM
Crypt::JWT	0.018	RPM
Crypt::OpenPGP	1.12	RPM
Crypt::OpenSSL::Bignum	0.08	RPM
Crypt::OpenSSL::DSA	0.19	RPM
Crypt::OpenSSL::PKCS10	0.16	RPM
Crypt::OpenSSL::PKCS12	0.7	RPM
Crypt::OpenSSL::Random	0.11	RPM
Crypt::OpenSSL::RSA	0.28	RPM
Crypt::OpenSSL::X509	1.804	RPM
Crypt::Passwd::XS	0.601	RPM

Crypt::PKCS10	1.800201	RPM
Crypt::Primes	0.50	RPM
Crypt::Random	1.25	RPM
Crypt::RC4	2.02	RPM
Crypt::Rijndael	1.13	RPM
Crypt::Rijndael_PP	0.05	RPM
Crypt::RIPEMD160	0.06	RPM
Crypt::RSA	1.99	RPM
Crypt::SaltedHash	0.09	RPM
Crypt::SSLeay	0.72	RPM
Crypt::Twofish	2.17	RPM
Crypt::URandom	0.36	RPM
Crypt::X509	0.51	RPM
CryptX	0.051	RPM
CSS::Simple	3223	RPM
CSS::SpriteMaker	1.01	RPM
Curses::UI	0.9609	RPM
Curses	1.36	RPM
Dancer2::Plugin::Auth::Extensible	0.704	RPM
Dancer2::Plugin::DBIC	0.0013	RPM
Dancer2::Plugin::REST	1.02	RPM
Dancer2	0.205001	RPM
Danga::Socket	1.61	RPM
Data::Buffer	0.04	RPM
Data::Compare	1.25	RPM
Data::Dump::Streamer	2.40	RPM
Data::Dump	1.23	RPM
Data::Dumper::Concise	2.023	RPM
Data::MessagePack	1.00	RPM
Data::Munge	0.097	RPM
Data::OptList	0.110	RPM
Data::Page	2.02	RPM
Data::Printer	0.40	RPM
Data::Random	0.12	RPM
Data::Rmap	0.65	RPM
Data::Section	0.200007	RPM
Data::Serializer	0.60	RPM

Data::Util	0.66	RPM
Data::UUID	1.221	RPM
Data::Validate::Domain	0.14	RPM
Data::Validate::IP	0.27	RPM
Data::Validate::URI	0.07	RPM
Data::Visitor	0.30	RPM
Date::Manip	6.59	RPM
Date::Simple	3.03	RPM
DateTime::Format::Builder	0.81	RPM
DateTime::Format::Pg	0.16013	RPM
DateTime::Format::Strptime	1.74	RPM
DateTime::Locale	1.16	RPM
DateTime::TimeZone	2.13	RPM
DateTime	1.43	RPM
DBD::Mock	1.45	RPM
DBD::mysql	4.046_01	RPM
DBD::Pg	3.7.4	RPM
DBD::PgPP	0.08	RPM
DBD::SQLite2	0.37	RPM
DBD::SQLite	1.56	RPM
DBI	1.637	RPM
DBICx::Sugar	0.0100	RPM
DBIx::Class::InflateColumn::Serializer	0.09	RPM
DBIx::Class::Schema::Loader	0.07047	RPM
DBIx::Class	0.082840	RPM
DBIx::MyParsePP	0.50	RPM
Devel::CallChecker	0.008	RPM
Devel::Caller	2.06	RPM
Devel::CallParser	0.002	RPM
Devel::CheckLib	1.11	RPM
Devel::CheckOS	1.80	RPM
Devel::Cover	1.26	RPM
Devel::FindPerl	0.014	RPM
Devel::GlobalDestruction::XS	0.03	RPM
Devel::GlobalDestruction	0.14	RPM
Devel::GlobalPhase	0.003003	RPM
Devel::Hide	0.0009	RPM

Devel::LexAlias	0.05	RPM
Devel::NYTProf	6.04	RPM
Devel::OverloadInfo	0.004	RPM
Devel::QuickCover	0.900010	RPM
Devel::REPL	1.003028	RPM
Devel::Size	0.81	RPM
Devel::StackTrace::AsHTML	0.15	RPM
Devel::StackTrace	2.02	RPM
Devel::Symdump	2.18	RPM
Devel::Trace	0.12	RPM
Devel::TraceUse	2.095	RPM
Diff::LibXDiff	0.05	RPM
Digest::BubbleBabble	0.02	RPM
Digest::FNV	2.00	RPM
Digest::HMAC	1.03	RPM
Digest::MD2	2.04	RPM
Digest::MD4	1.9	RPM
Digest::MD5::File	0.08	RPM
Digest::Perl::MD5	1.9	RPM
Digest::SHA1	2.13	RPM
Directory::Queue	1.9	RPM
Dist::CheckConflicts	0.11	RPM
Dist::Zilla::Plugin::Config::Git	0.92	RPM
Dist::Zilla::Plugin::Git	2.042	RPM
Dist::Zilla::Plugin::GitHub	0.44	RPM
Dist::Zilla::Plugin::PerlTidy	0.21	RPM
Dist::Zilla::Plugin::PodWeaver	4.008	RPM
Dist::Zilla::Plugin::Prereqs::FromCPANfile	0.08	RPM
Dist::Zilla::Plugin::Repository	0.20	RPM
Dist::Zilla::Plugin::Test::Perl::Critic	3.001	RPM
Dist::Zilla	6.010	RPM
Dumbbench	0.111	RPM
DynaLoader::Functions	0.003	RPM
Email::Abstract	3.008	RPM
Email::Address::XS	1.03	RPM
Email::Date::Format	1.005	RPM
Email::MessageID	1.406	RPM

Email::MIME::ContentType	1.021	RPM
Email::MIME::Encodings	1.315	RPM
Email::MIME	1.945	RPM
Email::Sender	1.300031	RPM
Email::Simple	2.213	RPM
Email::Valid	1.202	RPM
Encode::Detect	1.01	RPM
Encode::Locale	1.05	RPM
Encoding::BER	1.02	RPM
Env::Path	0.19	RPM
Error	0.17025	RPM
EV	4.22	RPM
Eval::Closure	0.14	RPM
Exception::Class	1.43	RPM
Expect	1.35	RPM
Exporter::Tiny	1.000000	RPM
ExtUtils::Config	0.008	RPM
ExtUtils::Helpers	0.026	RPM
ExtUtils::InstallPaths	0.011	RPM
ExtUtils::MakeMaker::CPANfile	0.08	RPM
FCGI	0.78	RPM
File::BaseDir	0.07	RPM
File::ChangeNotify	0.27	RPM
File::chdir	0.1010	RPM
File::CheckTree	4.42	RPM
File::Comments	0.08	RPM
File::Copy::Recursive	0.38	RPM
File::DesktopEntry	0.22	RPM
File::Find::Rule::Filesys::Virtual	1.22	RPM
File::Find::Rule::Perl	1.15	RPM
File::Find::Rule	0.34	RPM
File::HomeDir	1.002	RPM
File::Listing	6.04	RPM
File::MimeInfo	0.28	RPM
File::MMagic::XS	0.09008	RPM
File::MMagic	1.30	RPM
File::Next	1.16	RPM

File::NFSLock	1.27	RPM
File::Path::Tiny	0.8	RPM
File::pushd	1.014	RPM
File::ReadBackwards	1.05	RPM
File::Remove	1.57	RPM
File::Rename	0.20	RPM
File::Rsync	0.49	RPM
File::Scan::ClamAV	1.95	RPM
File::Share	0.25	RPM
File::ShareDir::Install	0.11	RPM
File::ShareDir::ProjectDistDir	1.000009	RPM
File::ShareDir	1.104	RPM
File::Slurp::Tiny	0.004	RPM
File::Slurp	9999.19	RPM
File::Slurper	0.009	RPM
File::Tail	1.3	RPM
File::Touch	0.11	RPM
File::Which	1.21	RPM
Filesys::Df	0.92	RPM
Filesys::Notify::Simple	0.12	RPM
Filesys::POSIX	v0.9.19	RPM
Filesys::Statvfs	0.82	RPM
Filesys::Virtual	0.06	RPM
Font::AFM	1.20	RPM
forks	0.36	RPM
GD	2.66	RPM
GDGraph	1.54	RPM
GDTextUtil	0.86	RPM
Gearman	v2.4.8	RPM
Geo::IP	1.50	RPM
Geo::IPfree	1.151940	RPM
Geography::Countries	2009041301	RPM
Getopt::Euclid	0.004005	RPM
Getopt::Long::Descriptive	0.100	RPM
Getopt::Param::Tiny	0.5	RPM
Getopt::Param	0.0.5	RPM
Git::Raw	0.79	RPM

Git::Repository	1.320	RPM
Git::Version::Compare	1.004	RPM
Git::Wrapper	0.047	RPM
goto::file	0.005	RPM
Graph::Easy::As_svg	0.26	RPM
Graph::Easy::Manual	0.41	RPM
Graph::Easy	0.76	RPM
Graph::Flowchart	0.11	RPM
GSSAPI	0.28	RPM
Guard	1.023	RPM
Hash::Merge::Simple	0.051	RPM
Hash::Merge	0.200	RPM
Hash::MultiValue	0.16	RPM
Hash::Util::FieldHash::Compat	0.11	RPM
Hook::LexWrap	0.26	RPM
HTML::Form	6.03	RPM
HTML::Formatter	2.16	RPM
HTML::Parser	3.72	RPM
HTML::StripTags	1.01	RPM
HTML::Tagset	3.20	RPM
HTML::Template	2.97	RPM
HTML::Tree	5.06	RPM
HTTP::Body	1.22	RPM
HTTP::BrowserDetect	3.14	RPM
HTTP::CookieJar	0.008	RPM
HTTP::Cookies	6.04	RPM
HTTP::Daemon::App	v0.0.9	RPM
HTTP::Daemon::SSL	1.04	RPM
HTTP::Daemon	6.01	RPM
HTTP::Date	6.02	RPM
HTTP::DAV	0.48	RPM
HTTP::Entity::Parser	0.20	RPM
HTTP::Headers::Fast	0.21	RPM
HTTP::Message	6.13	RPM
HTTP::MultiPartParser	0.02	RPM
HTTP::Negotiate	6.01	RPM
HTTP::Parser::XS	0.17	RPM



HTTP::Request::AsCGI	1.2	RPM
HTTP::Response::CGI	1.0	RPM
HTTP::Response::Stringable	0.0002	RPM
HTTP::Server::Simple	0.52	RPM
HTTP::ServerEvent	0.02	RPM
HTTP::Tiny::UA	0.004	RPM
HTTP::XSCookies	0.000014	RPM
HTTP::XSHeaders	0.400003	RPM
Image::Base	1.17	RPM
Image::Info	1.41	RPM
Image::Size	3.300	RPM
Image::Xbm	1.10	RPM
Image::Xpm	1.13	RPM
Import::Into	1.002005	RPM
Importer	0.025	RPM
indirect	0.37	RPM
IO::AIO	4.34	RPM
IO::Callback	1.12	RPM
IO::CaptureOutput	1.1104	RPM
IO::CloseFDs	1.01	RPM
IO::Framed	0.04	RPM
IO::HTML	1.001	RPM
IO::Interactive::Tiny	0.2	RPM
IO::Interactive	1.022	RPM
IO::Interface	1.09	RPM
IO::Prompt	0.997004	RPM
IO::SessionData	1.03	RPM
IO::SigGuard	0.10	RPM
IO::Socket::ByteCounter	v0.0.2	RPM
IO::Socket::INET6	2.72	RPM
IO::Socket::IP	0.39	RPM
IO::Socket::PortState	0.03	RPM
IO::Socket::SSL	2.049	RPM
IO::String	1.08	RPM
IO::stringy	2.111	RPM
IO::Stty	0.03	RPM
IO::TieCombine	1.005	RPM

IO::Tty	1.12	RPM
IP::Country	2.28	RPM
IPC::Pipeline	1.0	RPM
IPC::Run3	0.048	RPM
IPC::Run	0.96	RPM
IPC::ShareLite	0.17	RPM
IPC::System::Simple	1.25	RPM
JIRA::REST	0.018	RPM
JSON::Any	1.39	RPM
JSON::DWIW	0.47	RPM
JSON::MaybeXS	1.003009	RPM
JSON::PP	2.97001	RPM
JSON::WebToken	0.10	RPM
JSON::XS	3.04	RPM
JSON	2.94	RPM
Lchown	1.01	RPM
Lexical::Persistence	1.020	RPM
Lexical::SealRequireHints	0.011	RPM
lib::restrict	v0.0.5	RPM
libwww::perl	6.26	RPM
libxml::perl	0.08	RPM
Lingua::EN::FindNumber	1.32	RPM
Lingua::EN::Inflect::Number	1.12	RPM
Lingua::EN::Inflect::Phrase	0.18	RPM
Lingua::EN::Inflect	1.902	RPM
Lingua::EN::Number::IsOrdinal	0.05	RPM
Lingua::EN::Tagger	0.28	RPM
Lingua::EN::Words2Nums	0.18	RPM
Lingua::PT::Stemmer	0.02	RPM
Lingua::Stem::Fr	0.02	RPM
Lingua::Stem::It	0.02	RPM
Lingua::Stem::Ru	0.04	RPM
Lingua::Stem::Snowball::Da	1.01	RPM
Lingua::Stem	0.84	RPM
Linux::Ext2::FileAttributes	0.01	RPM
Linux::Inotify2	1.22	RPM
List::AllUtils	0.14	RPM

List::Cycle	1.02	RPM
List::MoreUtils::XS	0.428	RPM
List::MoreUtils	0.428	RPM
List::SomeUtils::XS	0.55	RPM
List::SomeUtils	0.56	RPM
List::UtilsBy	0.10	RPM
local::lib	2.000023	RPM
Locale::Maketext::Pseudo	0.6	RPM
Locale::Maketext::Utils	0.42	RPM
Locales	0.34	RPM
Log::Dispatch::Array	1.003	RPM
Log::Dispatch	2.66	RPM
Log::Dispatchouli	2.015	RPM
Log::Log4perl	1.49	RPM
Log::Message::Simple	0.10	RPM
Log::Message	0.08	RPM
LWP::MediaTypes	6.02	RPM
LWP::Protocol::https	6.07	RPM
LWP::Protocol::PSGI	0.10	RPM
LWP::UserAgent::Determined	1.07	RPM
LWP::UserAgent::DNS::Hosts	0.12	RPM
Mail::Alias::Reader	0.06	RPM
Mail::DKIM	0.42	RPM
Mail::DomainKeys	1.0	RPM
Mail::IMAPClient	3.39	RPM
Mail::POP3Client	2.19	RPM
Mail::SendEasy	1.2	RPM
Mail::Sender::Easy	v0.0.5	RPM
Mail::Sender	0.903	RPM
Mail::SPF	v2.9.0	RPM
Mail::SRS	0.31	RPM
MailTools	2.18	RPM
Math::Base85	0.2	RPM
Math::BigInt::GMP	1.6004	RPM
Math::BigInt::Pari	1.3003	RPM
Math::BigInt	1.999811	RPM
Math::Combinatorics	0.09	RPM

Math::Fibonacci::Phi	0.02	RPM
Math::Fibonacci	1.5	RPM
Math::Pari	2.01080900	RPM
Math::Permute::List	1.007	RPM
Math::Random::ISAAC::XS	1.004	RPM
Math::Round	0.07	RPM
MCE	1.829	RPM
MD5	2.03	RPM
Memoize::ExpireLRU	0.56	RPM
MIME::Base32	1.303	RPM
MIME::Charset	1.012.2	RPM
MIME::Lite	3.030	RPM
MIME::tools	5.508	RPM
MIME::Types	2.13	RPM
Mixin::Linewise	0.108	RPM
MLDBM	2.05	RPM
Module::Build::Tiny	0.039	RPM
Module::Build	0.4224	RPM
Module::CPANfile	1.1002	RPM
Module::Extract::VERSION	1.113	RPM
Module::Find	0.13	RPM
Module::Implementation	0.09	RPM
Module::Install	1.18	RPM
Module::Path	0.19	RPM
Module::Pluggable	5.2	RPM
Module::Refresh	0.17	RPM
Module::Runtime::Conflicts	0.003	RPM
Module::Runtime	0.015	RPM
Module::ScanDeps	1.24	RPM
Module::Signature	0.81	RPM
Module::Want	0.6	RPM
Mojo::JWT	0.05	RPM
Mojolicious::Plugin::OAuth2::Server	0.38	RPM
Mojolicious	7.67	RPM
Moment	1.3.1	RPM
Moo	2.003002	RPM
Moose::Autobox	0.16	RPM

Moose	2.2006	RPM
MooseX::AttributeShortcuts	0.034	RPM
MooseX::ConfigFromFile	0.14	RPM
MooseX::Daemonize	0.21	RPM
MooseX::Emulate::Class::Accessor::Fast	0.00903	RPM
MooseX::Getopt	0.71	RPM
MooseX::Has::Sugar	1.000006	RPM
MooseX::LazyRequire	0.11	RPM
MooseX::MarkAsMethods	0.15	RPM
MooseX::Meta::TypeConstraint::Mooish	0.001	RPM
MooseX::MethodAttributes	0.31	RPM
MooseX::NonMoose	0.26	RPM
MooseX::Object::Pluggable	0.0014	RPM
MooseX::OneArgNew	0.005	RPM
MooseX::Params::Validate	0.21	RPM
MooseX::RelatedClassRoles	0.004	RPM
MooseX::Role::Parameterized	1.10	RPM
MooseX::Role::WithOverloading	0.17	RPM
MooseX::SemiAffordanceAccessor	0.10	RPM
MooseX::SetOnce	0.200002	RPM
MooseX::SimpleConfig	0.11	RPM
MooseX::Singleton	0.30	RPM
MooseX::Traits::Pluggable	0.12	RPM
MooseX::Types::Common	0.001014	RPM
MooseX::Types::LoadableClass	0.015	RPM
MooseX::Types::Path::Class	0.09	RPM
MooseX::Types::Path::Tiny	0.012	RPM
MooseX::Types::Perl	0.101343	RPM
MooseX::Types::Stringlike	0.003	RPM
MooseX::Types	0.50	RPM
MooX::Types::MooseLike	0.29	RPM
Mouse	v2.4.10	RPM
Mozilla::CA	20170227	RPM
Mozilla::PublicSuffix	v1.0.0	RPM
MRO::Compat	0.13	RPM
multidimensional	0.013	RPM
munin	2.0.30	RPM

MySQL::Diff	0.50	RPM
namespace::autoclean	0.28	RPM
namespace::clean	0.27	RPM
Net::Address::IPv4::Local	0.12	RPM
Net::Amazon::Signature::V4	0.16	RPM
Net::CIDR::Lite	0.21	RPM
Net::CIDR	0.18	RPM
Net::Daemon::SSL	1.0	RPM
Net::Daemon	0.48	RPM
Net::DAV::Server	1.305	RPM
Net::DNS::SEC	1.03	RPM
Net::DNS	1.11	RPM
Net::Domain::TLD	1.75	RPM
Net::FastCGI	0.14	RPM
Net::FTPSSL	0.38	RPM
Net::Google::Drive::Simple	0.13	RPM
Net::HTTP	6.16	RPM
Net::HTTPS::Any	0.12	RPM
Net::HTTPTunnel	0.51	RPM
Net::Ident	1.24	RPM
Net::IDN::Encode	2.400	RPM
Net::IMAP::Client	0.9505	RPM
Net::IP::Match::Regex	1.01	RPM
Net::IP	1.26	RPM
Net::IPv4Addr	0.10	RPM
Net::Jabber::Bot	2.1.5	RPM
Net::Jabber	2.0	RPM
Net::LDAP::Server	0.43	RPM
Net::LibIDN	0.12	RPM
Net::OAuth2::AuthorizationServer	0.15	RPM
Net::OAuth	0.28	RPM
Net::OpenSSH	0.74	RPM
Net::Server	2.009	RPM
Net::SFTP::Foreign	1.89	RPM
Net::SNMP	v6.0.1	RPM
Net::SOCKS	0.03	RPM
Net::SSLeay	1.81	RPM

Net::TCPwrappers	1.11	RPM
Net::Telnet	3.04	RPM
Net::Twitter::Lite	0.12008	RPM
Net::WebSocket	0.17	RPM
Net::Whois::IANA	0.41	RPM
Net::XMPP	1.05	RPM
NetAddr::IP	4.079	RPM
No::Worries	1.5	RPM
Number::Compare	0.03	RPM
Number::WithError	1.01	RPM
OAuth::Cmdline	0.06	RPM
OAuth::Lite2	0.11	RPM
Object::Accessor	0.48	RPM
Object::Signature	1.07	RPM
OIDC::Lite	0.10	RPM
OLE::Storage_Lite	0.19	RPM
Opcodes	0.14	RPM
Package::Constants	0.06	RPM
Package::DeprecationManager	0.17	RPM
Package::Stash::XS	0.28	RPM
Package::Stash	0.37	RPM
Package::Variant	1.003002	RPM
PadWalker	2.2	RPM
PAR::Dist	0.49	RPM
Parallel::ForkManager	1.19	RPM
Parallel::Subs	0.002	RPM
Params::Util	1.07	RPM
Params::Validate	1.29	RPM
Params::ValidationCompiler	0.24	RPM
Parse::RecDescent	1.967015	RPM
Path::Class	0.37	RPM
Path::FindDev	v0.5.3	RPM
Path::IsDev	1.001003	RPM
Path::Iter	0.2	RPM
Path::Iterator::Rule	1.012	RPM
Path::Tiny	0.104	RPM
Perl6::Junction	1.60000	RPM

Perl::Critic::Cpanel	0.04	RPM
Perl::Critic::Policy::CompileTime	0.03	RPM
Perl::Critic	1.130	RPM
perl::ldap	0.65	RPM
Perl::MinimumVersion	1.38	RPM
Perl::PrereqScanner	1.023	RPM
Perl::Strip	1.1	RPM
Perl::Tidy	20170521	RPM
Perl::Version	1.013	RPM
Perlbal	1.80	RPM
PerlIO::utf8_strict	0.007	RPM
PHP::Serialization	0.34	RPM
Plack::Middleware::FixMissingBodyInRedirect	0.12	RPM
Plack::Middleware::MethodOverride	0.15	RPM
Plack::Middleware::RemoveRedundantBody	0.05	RPM
Plack::Middleware::ReverseProxy	0.15	RPM
Plack::Test::ExternalServer	0.02	RPM
Plack	1.0044	RPM
Pod::Coverage	0.23	RPM
Pod::Elemental::PerlMunger	0.200006	RPM
Pod::Elemental	0.103004	RPM
Pod::Eventual	0.094001	RPM
Pod::LaTeX	0.61	RPM
Pod::Markdown	3.005	RPM
Pod::Spell	1.20	RPM
Pod::Weaver	4.015	RPM
POSIX::strftime::Compiler	0.42	RPM
PPI	1.236	RPM
PPIx::Regexp	0.051	RPM
PPIx::Utilities	1.001000	RPM
prefork	1.04	RPM
Pristine::Tar	1.40	RPM
Probe::Perl	0.03	RPM
Proc::Daemon	0.23	RPM
Proc::FastSpawn	1.2	RPM
Proc::PID::File	1.28	RPM
Proc::ProcessTable	0.53	RPM



Quota	1.7.2	RPM
Razor2::Client::Agent	2.84	RPM
Readonly::XS	1.05	RPM
Readonly	2.05	RPM
Ref::Util::XS	0.116	RPM
Ref::Util	0.203	RPM
Regex::Parser	0.21	RPM
REST::Client	273	RPM
REST::Google::Translate2	v1.0.8	RPM
REST::Google	1.0.8	RPM
Return::MultiLevel	0.04	RPM
Role::HasMessage	0.006	RPM
Role::Identifiable	0.007	RPM
Role::Multiton	0.2	RPM
Role::Tiny	2.000005	RPM
Safe::Hole	0.13	RPM
Safe::Isa	1.000006	RPM
Schedule::Cron::Events	1.95	RPM
Scope::Guard	0.21	RPM
Scope::Upper	0.29	RPM
Selenium::PageObject	0.012	RPM
Selenium::Remote::Driver	1.28	RPM
Sereal::Decoder	3.015	RPM
Sereal::Encoder	3.015	RPM
Sereal	3.015	RPM
Session::Token	1.503	RPM
Set::Crontab	1.03	RPM
Set::Object	1.35	RPM
Set::Scalar	1.29	RPM
Simple::Accessor	1.11	RPM
Smart::Comments	1.06	RPM
Snowball::Norwegian	1.2	RPM
Snowball::Swedish	1.2	RPM
SOAP::Lite	1.22	RPM
Socket6	0.28	RPM
Software::License	0.103012	RPM
Sort::Naturally	1.03	RPM

Sort::Versions	1.62	RPM
Specio	0.40	RPM
Spreadsheet::ParseExcel	0.65	RPM
Spreadsheet::Read	0.73	RPM
Spreadsheet::WriteExcel	2.40	RPM
SQL::Abstract	1.85	RPM
SQL::Statement	1.412	RPM
SQL::Translator	0.11021	RPM
Starman	0.4014	RPM
Statistics::CaseResampling	0.15	RPM
Statistics::Descriptive	3.0612	RPM
Stream::Buffered	0.03	RPM
strictures	2.000003	RPM
String::Base	0.003	RPM
String::BOM	0.3	RPM
String::CamelCase	0.02	RPM
String::CRC32	1.6	RPM
String::Errf	0.008	RPM
String::Flogger	1.101245	RPM
String::Format	1.17	RPM
String::Formatter	0.102084	RPM
String::PerlQuote	0.02	RPM
String::Random	0.29	RPM
String::RewritePrefix	0.007	RPM
String::ShellQuote	1.04	RPM
String::ToIdentifier::EN	0.11	RPM
String::Truncate	1.100602	RPM
String::UnicodeUTF8	0.22	RPM
String::Unquotemeta	0.1	RPM
Sub::Exporter::ForMethods	0.100052	RPM
Sub::Exporter::GlobExporter	0.005	RPM
Sub::Exporter::Progressive	0.001013	RPM
Sub::Exporter	0.987	RPM
Sub::Identify	0.14	RPM
Sub::Info	0.002	RPM
Sub::Install	0.928	RPM
Sub::Name	0.21	RPM

Sub::Quote	2.004000	RPM
Sub::Uplevel	0.2800	RPM
SUPER	1.20141117	RPM
superclass	0.003	RPM
SVG::Parser	1.03	RPM
SVG::TT::Graph	0.25	RPM
SVG	2.78	RPM
Switch	2.17	RPM
Symbol::Get	0.07	RPM
Syntax::Keyword::Junction	0.003008	RPM
syntax	0.004	RPM
Sys::Hostname::Long	1.5	RPM
Sys::Info::Base	0.7804	RPM
Sys::Info::Driver::Linux	0.7903	RPM
Sys::Info	0.78	RPM
Sys::Mmap	0.19	RPM
Sys::SigAction	0.23	RPM
Sys::Statistics::Linux	0.66	RPM
Sys::Syscall	0.25	RPM
Sys::Trace	0.03	RPM
Sysadm::Install	0.48	RPM
System::Command	1.118	RPM
TAP::Formatter::Bamboo	0.04	RPM
Task::Weaken	1.04	RPM
Template::Timer	1.00	RPM
Template::Tiny	1.12	RPM
Template::Toolkit	2.27	RPM
Term::Encoding	0.02	RPM
Term::Table	0.012	RPM
Term::UI	0.46	RPM
TermReadKey	2.37	RPM
Test2::Plugin::NoWarnings	0.06	RPM
Test2::Suite	0.000114	RPM
Test2::Tools::Explain	0.02	RPM
Test::API	0.008	RPM
Test::Carp	0.2	RPM
Test::CheckDeps	0.010	RPM

Test::CheckManifest	1.31	RPM
Test::Class	0.50	RPM
Test::ClassAPI	1.06	RPM
Test::Cmd	1.09	RPM
Test::CPAN::Meta::YAML	0.25	RPM
Test::CPAN::Meta	0.25	RPM
Test::Deep	1.127	RPM
Test::Differences	0.64	RPM
Test::Exception	0.43	RPM
Test::Exit	0.11	RPM
Test::FailWarnings	0.008	RPM
Test::Fake::HTTPD	0.08	RPM
Test::Fatal	0.014	RPM
Test::File::Contents	0.23	RPM
Test::File::ShareDir	1.001002	RPM
Test::File	1.443	RPM
Test::Filename	0.03	RPM
Test::HexString	0.03	RPM
Test::Inter	1.06	RPM
Test::LeakTrace	0.16	RPM
Test::LectroTest	0.5001	RPM
Test::LongString	0.17	RPM
Test::LWP::UserAgent	0.033	RPM
Test::Manifest	2.02	RPM
Test::MinimumVersion	0.101082	RPM
Test::Mock::Cmd	0.7	RPM
Test::Mock::LWP	0.08	RPM
Test::MockModule	0.14	RPM
Test::MockObject	1.20161202	RPM
Test::Modern	0.013	RPM
Test::Mojo::Role::Debug::JSON	0.003	RPM
Test::Mojo::Role::Debug	1.003004	RPM
Test::Mojo::Role::TestDeep	0.007	RPM
Test::Mojo::WithRoles	0.02	RPM
Test::Most	0.35	RPM
Test::NoWarnings	1.04	RPM
Test::Object	0.07	RPM

Test::Output	1.031	RPM
Test::Parallel	0.20	RPM
Test::Perl::Critic	1.03	RPM
Test::Pod::Coverage	1.10	RPM
Test::Pod	1.51	RPM
Test::Requires	0.10	RPM
Test::Script	1.23	RPM
Test::SharedFork	0.35	RPM
Test::Simple	1.302136	RPM
Test::Spec	0.54	RPM
Test::SubCalls	1.09	RPM
Test::TCP	2.19	RPM
Test::Trap	v0.3.2	RPM
Test::Unit	0.25	RPM
Test::UseAllModules	0.17	RPM
Test::Warn	0.32	RPM
Test::Warnings	0.026	RPM
Test::Without::Module	0.20	RPM
Test::WWW::Selenium	1.36	RPM
Test::XHTML	0.13	RPM
Test::YAML::Meta	0.22	RPM
Test::YAML::Valid	0.04	RPM
TestRail::API	0.041	RPM
Text::CSV	1.95	RPM
Text::CSV_XS	1.31	RPM
Text::Diff	1.45	RPM
Text::Extract::MaketextCallPhrases	0.94	RPM
Text::Fold	0.5	RPM
Text::German	0.06	RPM
Text::Glob	0.11	RPM
Text::Iconv	1.7	RPM
Text::MicroTemplate	0.24	RPM
Text::SimpleTable	2.03	RPM
Text::Soundex	3.04	RPM
Text::Template	1.47	RPM
Text::Trim	1.02	RPM
Text::Unidecode	1.30	RPM

Throwable	0.200013	RPM
Tie::DBI	1.06	RPM
Tie::EncryptedHash	1.24	RPM
Tie::IxHash	1.23	RPM
Tie::RefHash::Weak	0.09	RPM
Tie::ShadowHash	1.00	RPM
Tie::ToObject	0.03	RPM
TimeDate	2.30	RPM
Tree::DAG_Node	1.29	RPM
Tree::MultiNode	v1.0.13	RPM
Tree::Simple::VisitorFactory	0.15	RPM
Tree::Simple	1.31	RPM
Try::Tiny	0.28	RPM
Try	0.03	RPM
Type::Tiny	1.002001	RPM
Types::Serialiser	1.0	RPM
Umask::Local	1.0	RPM
Unicode::LineBreak	2017.004	RPM
UNIVERSAL::can	1.20140328	RPM
UNIVERSAL::isa	1.20150614	RPM
Unix::PID::Tiny	0.91	RPM
Unix::PID	0.23	RPM
Unix::Processors	2.045	RPM
Unix::Sysexits	0.06	RPM
Unix::Syslog	1.1	RPM
URI::Find	20160806	RPM
URI::ws	0.03	RPM
URI::XSEscape	0.001000	RPM
URI	1.72	RPM
URL::Encode::XS	0.03	RPM
URL::Encode	0.03	RPM
Variable::Magic	0.61	RPM
Version::Next	1.000	RPM
Want	0.29	RPM
warnings::unused	0.06	RPM
Web::Detect	0.05	RPM
WebService::Client	0.0601	RPM

WebService::HipChat	0.2000	RPM
WWW::Form::UrlEncoded	0.24	RPM
WWW::Form	1.19	RPM
WWW::Mechanize	1.86	RPM
WWW::OAuth	0.006	RPM
WWW::Pastebin::PastebinCom::Create	1.003	RPM
WWW::RobotRules	6.02	RPM
X::Tiny	0.13	RPM
XML::Catalogs::HTML	1.0.3	RPM
XML::Catalogs	1.0.3	RPM
XML::DOM	1.46	RPM
XML::LibXML	2.0129	RPM
XML::NamespaceSupport	1.12	RPM
XML::Parser	2.44	RPM
XML::RegExp	0.04	RPM
XML::SAX::Base	1.09	RPM
XML::SAX::Expat	0.51	RPM
XML::SAX	0.99	RPM
XML::Simple	2.24	RPM
XML::Stream	1.24	RPM
XML::Writer	0.625	RPM
XML::XPath	1.42	RPM
YAML::AppConfig	0.19	RPM
YAML::LibYAML	0.66	RPM
YAML::Syck	1.30	RPM
YAML::Tiny	1.70	RPM
YAML	1.23	RPM

## OS-provided

cPanel & WHM uses the following operating system-provided third-party applications:

✓ [Click here to view the full list of OS-provided third-party modules...](#)

**Note:**

We use CentOS servers to generate these lists. The specific version numbers and packages may vary slightly on CloudLinux™ and Red Hat® Enterprise Linux servers.

✓ [Third-party OS applications: CentOS, CloudLinux™, or RHEL® 6 or 7, 64-bit architecture...](#)

Third-party application	Version	Source
at	3.1.13-23.el7	RPM

autoconf	2.69-11.el7	RPM
automake	1.13.4-3.el7	RPM
bash	4.2.46-30.el7	RPM
bind	9.9.4-61.el7	RPM
bind-devel	9.9.4-61.el7	RPM
bind-libs	9.9.4-61.el7	RPM
bind-utils	9.9.4-61.el7	RPM
binutils	2.27-27.base.el7	RPM
bison	3.0.4-1.el7	RPM
boost-program-options	1.53.0-27.el7	RPM
boost-serialization	1.53.0-27.el7	RPM
bzip2	1.0.6-13.el7	RPM
bzip2-libs	1.0.6-13.el7	RPM
cairo	1.14.8-2.el7	RPM
chkconfig	1.7.4-1.el7	RPM
compat-db	4.7.25-28.el7	RPM
coreutils	8.22-21.el7	RPM
cpio	2.11-27.el7	RPM
cpp	4.8.5-28.el7_5.1	RPM
cronie	1.4.11-19.el7	RPM
crontabs	1.11-6.20121102git.el7	RPM
curl	7.29.0-46.el7	RPM
e2fsprogs	1.42.9-12.el7_5	RPM
e2fsprogs-devel	1.42.9-12.el7_5	RPM
expat	2.1.0-10.el7_3	RPM
expat-devel	2.1.0-10.el7_3	RPM
expect	5.45-14.el7_1	RPM
file	5.11-33.el7	RPM
findutils	4.5.11-5.el7	RPM
flex	2.5.37-3.el7	RPM
fontconfig	2.10.95-11.el7	RPM
freetype	2.4.11-15.el7	RPM
ftp	0.17-67.el7	RPM
gamin	0.1.10-16.el7	RPM
gamin-devel	0.1.10-16.el7	RPM
gawk	4.0.2-4.el7_3.1	RPM
gcc	4.8.5-28.el7_5.1	RPM



gcc-c++	4.8.5-28.el7_5.1	RPM
gd	2.0.35-26.el7	RPM
gd-devel	2.0.35-26.el7	RPM
gd-progs	2.0.35-26.el7	RPM
gdbm	1.10-8.el7	RPM
gdbm-devel	1.10-8.el7	RPM
gettext	0.19.8.1-2.el7	RPM
gettext-devel	0.19.8.1-2.el7	RPM
ghostscript	9.07-28.el7_4.2	RPM
giflib	4.1.6-9.el7	RPM
glib2	2.54.2-2.el7	RPM
glibc	2.17-222.el7	RPM
glibc-devel	2.17-222.el7	RPM
glibc-static	2.17-222.el7	RPM
gmp	6.0.0-15.el7	RPM
gnupg	>= 0	RPM
gnupg2	2.0.22-4.el7	RPM
grep	2.20-3.el7	RPM
grubby	8.28-23.el7	RPM
gzip	1.5-10.el7	RPM
hunspell	1.3.2-15.el7	RPM
hunspell-en	0.20121024-6.el7	RPM
ImageMagick	6.7.8.9-15.el7_2	RPM
initscripts	9.49.41-1.el7	RPM
iptables	1.4.21-24.1.el7_5	RPM
kernel-headers	3.10.0-862.3.3.el7	RPM
keyutils-libs	1.5.8-3.el7	RPM
krb5-devel	1.15.1-19.el7	RPM
krb5-libs	1.15.1-19.el7	RPM
less	458-9.el7	RPM
libaio	0.3.109-13.el7	RPM
libaio-devel	0.3.109-13.el7	RPM
libcap	2.22-9.el7	RPM
libcom_err	1.42.9-12.el7_5	RPM
libcurl	7.29.0-46.el7	RPM
libdb	5.3.21-24.el7	RPM
libgcc	4.8.5-28.el7_5.1	RPM

libgomp	4.8.5-28.el7_5.1	RPM
libicu	50.1.2-15.el7	RPM
libidn	1.28-4.el7	RPM
libidn-devel	1.28-4.el7	RPM
libjpeg-turbo	1.2.90-5.el7	RPM
libjpeg-turbo-devel	1.2.90-5.el7	RPM
libmount	2.23.2-52.el7	RPM
libpcap	1.5.3-11.el7	RPM
libpng	1.5.13-7.el7_2	RPM
libpng-devel	1.5.13-7.el7_2	RPM
libssh2	1.4.3-10.el7_2.1	RPM
libstdc++	4.8.5-28.el7_5.1	RPM
libstdc++-devel	4.8.5-28.el7_5.1	RPM
libtiff	4.0.3-27.el7_3	RPM
libtiff-devel	4.0.3-27.el7_3	RPM
libtool	2.4.2-22.el7_3	RPM
libtool-ltdl	2.4.2-22.el7_3	RPM
libtool-ltdl-devel	2.4.2-22.el7_3	RPM
libwmf	0.2.8.4-41.el7_1	RPM
libX11-devel	1.6.5-1.el7	RPM
libxml2	2.9.1-6.el7_2.3	RPM
libxml2-devel	2.9.1-6.el7_2.3	RPM
libXpm	3.5.12-1.el7	RPM
libXpm-devel	3.5.12-1.el7	RPM
libxslt	1.1.28-5.el7	RPM
libxslt-devel	1.1.28-5.el7	RPM
lsod	4.87-5.el7	RPM
lynx	2.8.8-0.3.dev15.el7	RPM
make	3.82-23.el7	RPM
nano	2.3.1-10.el7	RPM
ncurses	5.9-14.20130511.el7_4	RPM
ncurses-devel	5.9-14.20130511.el7_4	RPM
ncurses-libs	5.9-14.20130511.el7_4	RPM
ncurses-term	5.9-14.20130511.el7_4	RPM
net-tools	2.0-0.22.20131004git.el7	RPM
openssh	7.4p1-16.el7	RPM
openssh-clients	7.4p1-16.el7	RPM

openssh-server	7.4p1-16.el7	RPM
openssl	1.0.2k-12.el7	RPM
openssl-devel	1.0.2k-12.el7	RPM
openssl-libs	1.0.2k-12.el7	RPM
pam	1.1.8-22.el7	RPM
pam-devel	1.1.8-22.el7	RPM
pango	1.40.4-1.el7	RPM
passwd	0.79-4.el7	RPM
patch	2.7.1-10.el7_5	RPM
pcre	8.32-17.el7	RPM
perl	5.16.3-292.el7	RPM
pixman	0.34.0-1.el7	RPM
popt	1.13-16.el7	RPM
psmisc	22.20-15.el7	RPM
python	2.7.5-68.el7	RPM
python-devel	2.7.5-68.el7	RPM
python-docs	2.7.5-2.el7	RPM
python-setuptools	0.9.8-7.el7	RPM
python-tools	2.7.5-68.el7	RPM
quota	4.01-17.el7	RPM
quota-devel	4.01-17.el7	RPM
rcs	5.9.0-5.el7	RPM
rdate	1.4-25.el7	RPM
readline	6.2-10.el7	RPM
redhat-rpm-config	9.1.0-80.el7.centos	RPM
rsync	3.1.2-4.el7	RPM
screen	4.1.0-0.25.20120314git3c2946.el7	RPM
sed	4.2.2-5.el7	RPM
shadow-utils	4.1.5.1-24.el7	RPM
sharutils	4.13.3-8.el7	RPM
Smartmontools	6.5-1.el7	RPM
sqlite	3.7.17-8.el7	RPM
strace	4.12-6.el7	RPM
sysstat	10.1.5-13.el7	RPM
systemd	219-57.el7	RPM
tar	1.26-34.el7	RPM
tcl	8.5.13-8.el7	RPM

tcx	8.4.0-22.el7	RPM
tcp_wrappers-devel	7.6-77.el7	RPM
tcp_wrappers-libs	7.6-77.el7	RPM
tix	8.4.3-12.el7	RPM
tk	8.5.13-6.el7	RPM
tkinter	2.7.5-68.el7	RPM
traceroute	2.0.22-2.el7	RPM
unzip	6.0-19.el7	RPM
urw-fonts	2.4-16.el7	RPM
util-linux	2.23.2-52.el7	RPM
wget	1.14-15.el7_4.1	RPM
which	2.20-7.el7	RPM
xz	5.2.2-1.el7	RPM
xz-libs	5.2.2-1.el7	RPM
yum-utils	1.1.31-45.el7	RPM
zip	3.0-11.el7	RPM
zlib	1.2.7-17.el7	RPM
zlib-devel	1.2.7-17.el7	RPM

## Appendix B: New and modified API functions

### New UAPI functions

- `DCV::check_domains_via_dns` — This function checks whether the account's domains can pass Domain Control Validation (DCV) via a DNS request.
- `Email::delete_held_messages` — This function deletes all outbound email messages held in the mail queue for the specified email account.
- `Email::get_held_message_count` — This function returns the count of outbound email messages held in the mail queue for the specified email account.
- `Mysql::add_host_note` — This function adds a note about a remote MySQL® server.
- `Mysql::get_host_notes` — This function returns the notes associated with the account's remote MySQL® hosts.
- `Personalization::get` — This function retrieves the data from an NVData file on disk.
- `Personalization::set` — This function saves its data to an NVData file on disk.
- `SpamAssassin::clear_spam_box` — This function clears the spam box of all its contents for all email accounts.
- `VersionControlDeployment::create` — This function deploys the changes from a cPanel-managed repository.

### New WHM API 1 functions

- `personalization_get` — This function retrieves the data from an NVData file on disk.
- `personalization_set` — This function saves its data to an NVData file on disk.
- `restore_config_from_file` — This function restores a configuration backup from a file. If the backup file does **not** contain any changes, the system does **not** write to the configuration file.
- `restore_config_from_upload` — This function restores a configuration backup file via HTTP POST method. If the backup file does **not** contain any changes, the system does **not** write to the configuration file.

### Modified UAPI functions

- `Market::get_all_products` — Added the `x_supports_dns_dcv` return.
- `Market::request_ssl_certificates` — Updated the `subject_names` parameter.
- `VersionControl::create` — This function creates a new Git™ repository on a cPanel account.
- `VersionControl::retrieve` — This function lists Git™ repositories on a cPanel account.
- `VersionControl::update` — This function modifies a Git™ repository's basic settings.

## Modified WHM API 1 functions

- `backup_destination_add` — Added the `S3Compatible` transport type value.
- `backup_destination_get` — Added the `S3Compatible` transport type value.
- `backup_destination_list` — Added the `S3Compatible` transport type value.
- `backup_destination_set` — Added the `S3Compatible` transport type value.
- `get_adjusted_market_providers_products` — Added the `x_supports_dns_dcv` return.
- `get_autossl_pending_queue` — Added the `dcv_method` return.
- `get_autossl_pending_queue_for_domain` — Added the `dcv_method` return.
- `get_autossl_pending_queue_for_user` — Added the `dcv_method` return.
- `get_market_providers_products` — Added the `x_supports_dns_dcv` return.
- `get_market_providers_product_metadata` — Added the `x_supports_dns_dcv` return.

## Deprecated WHM API 1 Functions

- `nvget` — We recommend that you use the `personalization_get` function.
- `nvset` — We recommend that you use the `personalization_set` function.

## Deprecated UAPI Functions

- `NVData::get` — We recommend that you use the `Personalization::get` function.
- `NVData::set` — We recommend that you use the `Personalization::set` function.