

58 Release Notes

For cPanel & WHM 58

Note:
\$body

This page was last updated on:  Nov 29, 2017 23:08

Upgrade blockers

Team: Code Monkeys

Perl 5.14

If the perl514 RPM target's state is installed or unmanaged in **any** `.versions` file in the `/var/cpanel/rpm.versions.d/` directory, the upgrade to cPanel & WHM version 58 will fail.

- To fix this issue in the `/var/cpanel/rpm.versions.d/local.versions` file, use [the `/scripts/update_local_rpm_versions` script](#).
- To fix this issue in a third-party provided `*.versions` file, update the file in your preferred text editor, and then run [the `/usr/local/cpanel/scripts/check_cpanel_rpms` script](#).

Apache's `suEXEC` module

If Apache's `suEXEC` module is out of date, the Mailman RPM will not update. To fix this issue, you must either rebuild Apache with EasyApache 3 or migrate to EasyApache 4. For more information, read our [How to Install or Uninstall EasyApache 4](#) documentation.

Team: Release Team

CentOS version 5, Red Hat® Enterprise Linux (RHEL) version 5, and CloudLinux version 5 unsupported

You **cannot** install or upgrade to cPanel & WHM version 58 on a server that runs CentOS 5, RHEL 5, or CloudLinux 5.

64-bit systems only

cPanel & WHM version 58 is **only** available for 64-bit systems. You **cannot** install or upgrade to cPanel & WHM version 58 on a 32-bit system.

New features

Team: Cobra

AutoSSL

We added the AutoSSL feature, which automatically installs domain-validated SSL certificates on users' domains for the Apache and Dovecot services.

cPanel & WHM version 58 ships with cPanel (powered by Comodo) as an AutoSSL provider. To install the Let's Encrypt AutoSSL provider plugin, read our [The Let's Encrypt Plugin](#) documentation.

When you enable a provider, the `autossl` feature controls whether AutoSSL provisions certificates for a user's domains. However, you can use WHM's [Manage AutoSSL](#) interface (*Home* >> *SSL/TLS* >> *Manage AutoSSL*) to override the feature list settings.

For more information about this feature, read our [Manage AutoSSL](#) documentation.

Notes:

- Each AutoSSL provider may have a specific domain rate limit. For example:
 - Certificates that cPanel, Inc. provides through AutoSSL can secure a **maximum** of 200 domains per *virtual host*.
 - Certificates that Let's Encrypt™ provides can secure a **maximum** of 100 domains per virtual host.
- AutoSSL will **only** include domains and subdomains that pass a Domain Control Validation (DCV) test, which proves ownership of the domain.
- AutoSSL includes corresponding *www.* domains for each domain and subdomain in the certificate, and those *www.* domains count towards any domain or rate limits.
 - For example, if your domain is *example.com*, AutoSSL will automatically include *www.example.com* in the certificate.
 - If the corresponding *www.* domain does not pass a DCV test, AutoSSL will not attempt to secure that *www.* domain.
 - This affects Let's Encrypt's limit of 20 certificates per week that may contain a domain or its subdomains.
- AutoSSL does **not** secure proxy subdomains or wildcard domains.
- Each AutoSSL provider may wait for a specific amount of time to replace an AutoSSL-provided certificate before it expires. For example:
 - AutoSSL will attempt to renew certificates that cPanel, Inc. provides when they expire within 15 days.
 - AutoSSL will attempt to renew certificates that Let's Encrypt provides when they expire within 29 days.
 - Due to rate limits, AutoSSL prioritizes new certificates over the renewal of existing certificates.
- AutoSSL will **not** attempt to replace pre-existing certificates that it did not issue.
- AutoSSL will replace certificates with overly-weak security settings (for example, RSA modulus of 512-bit or less).
- If a virtual host contains more than the provider's limit of domain names, AutoSSL uses the following conditions to determine the priority of domains to secure:
 1. Whether the domains are currently secured.
 2. Shortest domain name length.
 3. Domain name alphabetical order.

For example, the following table demonstrates these limitations for the cPanel (powered by Comodo) provider:

Virtual Host 1	Virtual Host 2	Result
200 domains		AutoSSL will generate one certificate for the account which secures all 200 domains.
202 domains		AutoSSL will generate one certificate for the account which secures the 200 domains with the shortest names.
100 domains	100 domains	AutoSSL will generate a certificate for each virtual host that secures all of its domains.
100 domains	102 domains	AutoSSL will generate a certificate for each virtual host that secures all of its domains.
100 domains	202 domains	AutoSSL will generate two certificates: <ul style="list-style-type: none">• Virtual Host 1 — Secures all of its domains.• Virtual Host 2 — Secures its 200 domains with the shortest names.

Dovecot's mbox format available for mailbox storage

We expanded the mail system to allow your server to use Dovecot's [mbox format](#) for storage. The previous mail storage system only allows you to use maildir flat files, which caused systems with large mail archives to exhaust their inode resources quickly.

The mbox format stores multiple messages in a file and uses a better indexing scheme. This requires fewer files, reduces inode usage significantly, and saves some disk space.

- To convert your maildir archives to mbox, you can use WHM's [Mailbox Conversion](#) interface (*Home >> Services Configuration >> Mailbox Conversion*) or run the `/scripts/convert_maildir_to_mdbox` script at the command line.
- You can monitor the progress of the conversion via WHM's [Review Transfers and Restores](#) interface (*Home >> Transfers >> Review Transfers and Restores*).

- cPanel & WHM version 58 will continue to use the current maildir format for new accounts by default. To change this setting, use the *The storage format for new accounts* setting in the *Mail* section of WHM's *Tweak Settings* interface (*Home >> Server Configuration >> Tweak Settings*).

Warning:

Unlike the maildir format, the mbox format does **not** support symlinks.

For example, when a cPanel account owner uses Webmail on their own cPanel account that uses the maildir format, the system will display every mailbox of the account's email users. This is because of the symlink structure in the maildir format.

However, on a cPanel account that uses the mbox format, the system will only display the cPanel account's mailbox and not the mailboxes of the account's other email users.

For more information about symlinks in Dovecot, read [Dovecot's Symlinks](#) documentation.

Dovecot as local mail delivery agent

cPanel & WHM now uses Dovecot as the local mail delivery agent. Exim receives inbound messages, connects to Dovecot via LMTP (Local Mail Transport Protocol), and Dovecot delivers the message. If LMTP is unavailable, the system uses the `dovecot_lda` mail delivery agent to deliver messages.

In earlier versions of cPanel & WHM, Exim acted as both the mail transfer agent and the local delivery agent.

This may cause some performance issues with [BoxTrapper](#)-protected mailboxes, but overall mail server performance should improve.

Note:

The system enables Dovecot by default. If you disable Dovecot, your server will disable IMAP and POP3 message delivery services, but Dovecot's authentication system and local mail delivery (LMTP) will continue to run.

Email subaddresses

This feature, also known as plus addressing, allows senders to route a message directly to the folder of a mailbox.

Email subaddresses use the `username+folder@domain` format, where `username` represents the username of the mailbox and `folder` represents the folder's name.

For example, if you send a message to `username+Important@example.com`, the mail server will route the message to the `Important` folder in the `username@example.com` mailbox.

Notes:

- If the folder does not already exist, the system will create that folder.
- You **must** subscribe to the folder in your email or webmail client for the folder to appear.

MailHealth TailWatch driver

To monitor the mail log for errors and issues, we added the *MailHealth* TailWatch driver to WHM's *Service Manager* interface (*Home >> Service Configuration >> Service Manager*).

New Tweak Setting

We added the *I/O priority level at which dovecot_maintenance is run* to the *System* section of WHM's *Tweak Setting* interface (*Home >> Server Configuration >> Tweak Settings*) to allow you to set the Dovecot maintenance script's priority.

Mailserver configuration options

We added the following options to WHM's *Mailserver Configuration* interface (*Home >> Service Configuration >> Mailserver Configuration*):

- *MDBOX rotation size (MB)* — The maximum size to which an mbox mailbox file may grow before the system rotates it.
- *MDBOX rotation interval (Weeks or Days)* — The maximum time that an mbox mailbox file may exist before the system rotates it.
- *Disk Quota Delivery Failure Response* — How Dovecot will handle delivery to a mailbox that reaches its mailbox quota or when the cPanel account reaches its system disk quota.

In cPanel & WHM version 58.0.19, we added the following options:

- *LMTP Process Limit* — This option determines the maximum number of processes the system will allow the LMTP server to run.
- *Minimum Available LMTP Processes* — This option determines the minimum number of processes for the system to reserve in order to accept client connections.

In cPanel & WHM version 58.0.20, we added the following option:

- *Include Trash in Quota* — This option determines whether the system will count email messages in the Trash folder against the user's quota.

And in cPanel & WHM version 58.0.24, we added the following option:

- *Process Memory Limit: config (MB)* — This option sets the maximum virtual memory size (VSZ) of Dovecot's internal "config" service, in Megabytes.

New notification templates

In cPanel & WHM version 58, we added more notifications to the new system. The following alerts are now available in WHM's [Contact Manager](#) interface (*Home >> Server Contacts >> Contact Manager*):

- *Mail Server Out of Memory* — The mail server ran out of memory while it processed mail for an account.
- *System Out of Memory* — The system ran out of memory.

For the full list of available alerts, read our [Contact Manager](#) and [Notification Templates](#) documentation.

Important:

We **strongly** recommend that you review your [Contact Manager](#) settings to ensure that you will receive important server notices.

New mail filter character restrictions

In cPanel & WHM 58.0.25 and later, you **cannot** create a mail filter that routes mail to an invalid mailbox in a Save or Deliver filter.

Mailbox names may not:

- Contain a dollar sign (\$), quotation mark ("), or an at symbol (@).
- Start with a tilde character (~). For example, the `/home/username/mail/~my_mailbox` name is invalid, but the `/home/username/mail/.my~mailbox` name is valid.

Team: Grump Squad

cPanel Hardened Kernel

You can now download the cPanel Hardened Kernel from the cPanel repository. Symlink race condition protection is enabled by default in the cPanel Hardened Kernel. To learn more, read our [How to Harden Your cPanel System's Kernel](#) documentation.

Team: Honey Badgers

EasyApache 4 Migration interface

In cPanel & WHM version 58, we added WHM's [EasyApache 4 Migration](#) interface (*Home >> Software >> EasyApache 4*). This interface allows `root`-level users to migrate and revert their systems between EasyApache 3 (EA3) and EasyApache 4 (EA4). If EA3 is enabled, the system displays this interface when a `root`-level user visits WHM's [EasyApache 4 Migration](#) interface (*Home >> Software >> EasyApache 4*). If EA4 is enabled, then WHM's [EasyApache 3](#) interface displays WHM's [EasyApache 4 Migration](#) interface (*Home >> Software >> EasyApache 4*). This allows `root`-level users to revert their server back to EA3.

Extended PHP-FPM support

In cPanel & WHM version 58, we enabled WHM's [MultiPHP Manager](#) interface (*Home >> Software >> MultiPHP Manager*) the ability to set up and manage MultiPHP FPM pools. These pool options enable site configuration and for PHP-FPM to handle any incoming PHP requests that their domain receives. PHP-FPM increases the performance of the site with additional server resources. WHM's [MultiPHP Manager](#) interface (*Home >> Software >> MultiPHP Manager*) now prompts a user to install specific packages if their system does not contain the appropriate FPM dependencies.

PHP-FPM

In cPanel & WHM version 58, you can now selectively enable PHP-FPM for specific accounts.

EasyApache 4 and Amazon Linux AMI

EasyApache 4 now supports Amazon Linux AMI through `el6` packages. This grants Amazon Web Services (AWS), secure configurations, access to package repositories, and security updates to a user. The Amazon Linux AMI provides lightweight assistance and AWS support.

Service Transfer Tool

WHM's *Transfer Tool* interface (*Home >> Transfers >> Transfer Tool*) now supports the transfer of MySQL® configurations.

Team: Loose Cannon

(PHP) Composer

In cPanel & WHM version 58, we have installed (PHP) Composer. For more information about how to use Composer, read our [How to Set Up \(PHP\) Composer](#) documentation.

Team: Spider-Pig

EasyApache 4 now supports PEAR and PECL

EasyApache 4 now supports PEAR (PHP Extension and Application Repository) and PECL (PHP Extension Community Library).

Team: Zero Cool

EasyApache 4 by Default

We now install EasyApache 4 by default on fresh installations. If you install EasyApache 4 by default, you **cannot** revert to EasyApache 3.

If you prefer to use EasyApache 3 instead with your fresh installation, you must create the `/etc/install_legacy_ea3_instead_of_ea4_tou` ch file before you begin the cPanel & WHM installation process. For more information, read our [Installation Guide - Customize Your Installation](#) documentation.

Note:

If your system runs CloudLinux™, the system installs the CloudLinux EasyApache 4 repository and the default CloudLinux profile. Systems that do **not** run CloudLinux install cPanel & WHM's EasyApache 4 repository and default profile.

Preconfigure EasyApache 4

You can preconfigure your EasyApache 4 profile. If you wish to preconfigure your EasyApache 4 installation, you **must** create the `/etc/cpanel_initial_install_ea4_profile.json` file. This file **must** be a valid JSON file and **must** be a valid EasyApache 4 profile. The installation process will install this profile and then copy it to the `/etc/cpanel/ea4/profiles/custom/` directory when it finishes. For more information, read our [EasyApache 4 - Create a profile](#) documentation.

Sync Internal and External OBS

We created a system to sync our internal and external OBS to ensure they remain up-to-date.

Team: Release Team

New Tweak Settings

We added the following options in WHM's *Tweak Settings* interface (*Home >> Server Configuration >> Tweak Settings*):

- *Log successful logins* — This setting causes your server to record successful login events for cPanel, Webmail, WHM, and DAV to their respective log files in the `/usr/local/cpanel/logs/` directory.

Updated features

Team: Adjective Animal

Manage2 interface

Manage2 now includes a setting to disable free cPanel-signed 90-day certificates. You can configure this setting in Manage2's *Update Company Information* interface (*Dashboard >> Company >> Update Company Information*).

Team: Code Monkeys

Roundcube RPM conversion

We now ship the Roundcube webmail client as an RPM.

Warning:

This change alters the way in which server owners can customize their Roundcube installations.

- Previous Roundcube customizations will **not** function in cPanel & WHM version 58 and later.
- To customize your Roundcube installation, you **must** modify and rebuild the Roundcube source RPM (SRPM). For more information, read our [How to Build and Install Custom RPMs](#) documentation.

Updated the Mailman RPM

We updated the Mailman RPM. The RPM package now adds the `mailman` user if one does not exist and sets that user's home directory during each installation or upgrade.

Users who wish to configure Mailman settings manually **must** edit the `/usr/local/cpanel/3rdparty/mailman/Mailman/mm_cfg.py` file instead of the `/usr/local/cpanel/3rdparty/mailman/Mailman/Defaults.py` file. The system overwrites any changes to the `Defaults.py` file during upgrades.

The Mailman RPM is incompatible with systems that run CentOS 6 64-bit with EasyApache 3 (EA3) and the suEXEC v1 patch. Users on these systems **must** rebuild EA3 or convert to EasyApache 4 to run Mailman.

Whenever you install or upgrade the Mailman RPM, the system removes the Mailman crontab file, and overwrites any changes to the `/etc/cron.d/mailman` file.

Updated the fixmailman script

The `/usr/local/cpanel/scripts/fixmailman` script no longer fixes permissions for the Mailman script files. The `fixmailman` script will continue to fix permissions for archives and mailing lists **only**.

Munin

In cPanel & WHM version 58, we upgraded the Munin plugin from version 1.4.7 to 2.0.25.

Team: Cobra

dovecot_auto_expunge_trash script changed to dovecot_maintenance

We changed the name of the `/scripts/dovecot_auto_expunge_trash` maintenance script to `/scripts/dovecot_maintenance`, and it now also checks whether usernames in the database table are valid.

Update to Custom cPanel Market Providers

We removed the `url_after_checkout` parameter from the `create_shopping_cart` provider method. The `set_url_after_checkout` function replaces this functionality.

For more information, read our [Guide to cPanel Market Provider Modules](#) documentation.

Transfers now use SQLite database

In previous versions of cPanel & WHM, transfers and restores used MySQL or MariaDB to store information about each transfer or restore session.

In cPanel & WHM version 58, we changed the transfer system to use SQLite instead of MySQL or MariaDB to store session information. We made this change because the *Configurations* option in WHM's *Transfer Tool* interface (*Home >> Transfers >> Transfer Tool*) allows system administrators to transfer MySQL configuration information between servers. This might cause corruption in a transfer session's session data.

Each transfer session stores its data in a separate SQLite database. If the system corrupts the data, it will delete the session. This will remove the session from the session history in WHM's *Review Transfers and Restores* interface (*Home >> Transfers >> Review Transfers and Restores*).

Transfer Tool session expiration change

Transfer Tool sessions now expire 48 hours after the last update for an item in the queue. Previously, Transfer Tool sessions expired 48 hours after they started, but this caused timeouts during mbox conversion.

Transfer Tool delays updates to system

The system will disable system and cPanel & WHM updates while there is an active session in the Transfer queue. This applies to both account transfers and configuration transfers.

Defined and undefined API filters

We added the defined and undefined filters to [UAPI - Filter Output](#) and [cPanel API 2 - Filter and Sort Output](#).

Changes to background spam filter of piped email deliveries

The system now performs spam filter scans in the background for email that a user or script pipes to sendmail or Exim. This prevents PHP timeouts when a script sends mail.

Reject SPF Failures enabled by default in Exim.

The *Reject SPF failures* option is now always enabled in Exim, and we removed the option from WHM's *Exim Configuration Manager - Basic Editor* interface (*Home >> Service Configuration >> Exim Configuration Manager*).

The `/etc/exiscandisable` touch file

If the `clamd` daemon exists on the server, the system will also enable the `exiscan` utility. To disable the `exiscan` utility, run the `touch /etc/exiscandisable` command at the command line. Previously, you had to remove the `clamd` daemon to disable `exiscan`.

Team: Loose Cannon

Updated cPanel's internal PHP

We have updated cPanel's internal PHP from version 5.4 to 5.6. For more information about this upgrade, read our [cPanel PHP Upgrade 5.4 to 5.6](#) documentation.

Updated Horde and related script performance

In cPanel & WHM version 58, we have updated many of Horde's modules. You can find the complete list of module version in this document's [Ap](#)

[pendix A](#) section.

In addition, we have improved the `update_horde_config` script's performance when migrating from more recent versions of cPanel & WHM. This improvement decreases the creation time of address books and calendars during account transfers and backup restores for accounts that contains many email accounts.

Streamlined New Subaccount Invites

We have improved the new Subaccount invite process. The new invite process contains less steps and allows new Subaccount users to access their account faster. For more information about the new Subaccount invite process, read our [Subaccount Initial Password Guide](#) documentation.

Team: Phoenix

Updated cPanel *Home* interface

cPanel now displays general and statistics information in the cPanel *Home* interface. For more information, read our [The cPanel Interface](#) documentation.

- The new *General Information* section includes basic information about your account, and the ability to switch between multiple cPanel accounts and themes.
- The new *Statistics* section displays color-coded usage statistics for your cPanel account, with an icon to resolve quota issues for items with high use percentages.

Due to these changes, we have removed cPanel's *Dashboard* interface entirely and have also removed the *Statistics* and *Dashboard* icons from the cPanel interface's sidebar.

Moved configuration file for Site Publisher websites

Due to security concerns, we have changed the way in which the system stores Site Publisher website configuration files for newly-created or newly-updated Site Publisher websites. Previously, we stored configuration files as the `configurations.json` file within the Site Publisher website's target directory. Now, whenever you create or update a Site Publisher website, the system will store the configuration file as the `home-user-public_html-example.com.json` file, where `home-user-public_html-example.com` represents the Site Publisher website's target directory, with hyphens (-) instead of slashes (/).

- These files will exist in the `/home/user/site_publisher/configurations/` directory, where `user` represents the cPanel account's username.
- The upgrade to cPanel & WHM version 58 will **not** alter the locations or names of existing `configurations.json` files. However, the system **will** replace that file the next time that a user uses cPanel's *Site Publisher* interface (*Home >> Domains >> Site Publisher*), UAPI's `SiteTemplates::publish` function, or the `/scripts/process_site_templates` script to edit or create a Site Publisher website in that target directory.

Site Publisher backup tarballs

cPanel's *Site Publisher* interface (*Home >> Domains >> Site Publisher*) now automatically backs up the previous contents of the target directory when you create or update a *Site Publisher* website. Users and system administrators can access and restore this file from the `site_publisher/backups/` directory within the user's home directory.

For more information about the publication process, read our [The /scripts/process_site_templates Script](#) documentation.

Team: SecTeamSix

Several daemon logfiles now have 'append only' attribute set

The 'append-only' filesystem attribute is now set on many of the daemon log files in the `/usr/local/cpanel/logs/` directory. The update to the cPanel & WHM log processing subsystem ensures that logfiles with this attribute will work correctly with cPanel & WHM. If you need to manually remove or truncate these files, you will need to remove the 'append-only' attribute before doing so with the following command:

```
chattr -a /path/to/logfile
```


Team: Spider-Pig

Updates to Convert Addon Domain to Account

We updated WHM's [Convert Addon Domain to Account](#) (*Home >> Transfers >> Convert Addon Domain to Account*) feature to include multiple additions:

- We renamed the *Document Root* section to *Website Configuration* and added the ability to copy VirtualHost include files and an installed SSL certificate.
- The *Email* section now allows you to copy webmail data (SquirrelMail and Horde), which includes address books, calendars, and signatures.
- We added a new *Subaccounts* section that allows you to copy FTP and Web Disk accounts.
- We added a *Conversion History* view to the interface that allows you to view the details of completed or in-progress conversions.

Updated the WHM Module Installers for PEAR and PECL to support multiple PHP versions

We updated the *WHM Module Installers* interface (*Home >> Software >> Module Installers*) for [PEAR](#) and [PECL](#) to recognize multiple PHP versions. You can now specify the PHP version on which you install or modify modules.

Team: Release Team

Prevent "nobody" from sending mail setting enabled on fresh installs

In cPanel & WHM version 58, the system enables the *Prevent "nobody" from sending mail* setting by default. This change will **not** affect existing installations of cPanel & WHM. You can adjust this setting in the [Mail](#) section of WHM's [Tweak Settings](#) interface (*Home >> Server Configuration >> Tweak Settings*).

Subdomain creation restricted to hostnames

In previous versions of cPanel & WHM, the system did **not** allow you to create a subdomain of an account's `root` domain. For example, you could **not** create the `sub.domain.com` subdomain.

As of cPanel & WHM version 58, the system **does** allow you to create a subdomain of an account's `root` domain. However, you **cannot** create a subdomain of a server's hostname. For example, you can create the `sub.domain.com` subdomain, but you **cannot** create the `sub.hostname.domain.com` subdomain.

This change affects the following settings in the [Domains](#) section of WHM's [Tweak Settings](#) interface (*Home >> Server Configuration >> Tweak Settings*):

- *Allow users to park subdomains of the server's hostname*
- *Allow cPanel users to create subdomains across accounts*
- *Allow WHM users to create subdomains across accounts*

Preset MyDNS and MariaDB versions

As of cPanel & WHM version 58, you **cannot** preset your MyDNS and MariaDB versions before you install cPanel & WHM. If you perform this action, the installation will fail. After you install cPanel & WHM, you can enable MyDNS in WHM's [Nameserver Selection](#) interface (*Home >> Service Configuration >> Nameserver Selection*).

Tweak Settings changes

We changed the following options in WHM's [Tweak Settings](#) interface (*Home >> Server Configuration >> Tweak Settings*):

- The *Allow cPanel users to install SSL Hosts if they have a dedicated IP* setting is now the *Allow cPanel users to install SSL Hosts* setting.
- We renamed the *public_html subdomains only* setting to the *Restrict document roots to public_html* setting.
 - This setting prevents the creation of addon domains and subdomains outside of a cPanel user's primary domain's document root (the `public_html` directory within the user's `/home` directory).
 - For example, if you enable this setting and then create the `example.com` addon domain, the system creates the `/home/username/public_html/example.com` directory rather than the `/home/username/example.com` directory.

Team: Zero Cool

New Packages for EasyApache 4

We added the following packages to EasyApache 4:

- `php-imap` for PHP 7.0
- `php-litespeed` for PHP 5.4, PHP 5.5, and PHP 5.6
- `ioncube5` for PHP 5.4, PHP 5.5, and PHP 5.6

EasyApache 4 Migrate Script

We added a notification to the EasyApache 4 migration script to warn you if your current version of PHP is unsupported.

EasyApache 4 `mod_cgi` and `mod_cgid` Conflicts

We adjusted WHM's *EasyApache 4* interface (*Home >> Software >> EasyApache 4*) to properly handle the conflict between the `mod_cgi` and `mod_cgid` Apache modules with the `mpm_worker` and `mpm_prefork` MPMs.

Bundled GD in EasyApache 4

We updated our PHP packages to use the GD PHP module that the PHP source code includes.

MultiPHP Manager and Hardened PHP

We added a notification about CloudLinux's hardened versions of PHP to WHM's *MultiPHP Manager* interface (*Home >> Software >> MultiPHP Manager*).

Global Configuration updated

We added the `LogLevel` directive to the *Global Configuration* section of WHM's *Apache Configuration* interface (*Home >> Service Configuration >> Apache Configuration >> Global Configuration*).

Deprecated and removed items

Team: Code Monkeys

Removed Perl 5.14 RPM target

The `/var/cpanel/rpm.versions.d/rpm.versions` file now marks the `perl514` RPM target as obsolete. You **cannot** install the Perl 5.14 RPM on cPanel & WHM version 58 and higher, and we no longer ship it.

Removed stunnel and non-native SSL support

cPanel & WHM no longer uses or supports stunnel or non-native SSL.

- We have removed the *SSL Support for cPanel daemons (no stunnel)* setting from the *System* section of WHM's *Tweak Settings* interface (*Home >> Server Configuration >> Tweak Settings*).
- We have removed the `nativessl` and `stunnel` settings from the `/etc/cpanel.config` file.
- We have removed **all** stunnel-related files from the cPanel & WHM codebase.

Deprecated and removed Mailman scripts

We now ship Mailman as an RPM. Due to this change, we deprecated the following Mailman-related scripts:

- `/usr/local/cpanel/bin/checkmailmancron`
- `/usr/local/cpanel/bin/checkmailmanhome`
- `/usr/local/cpanel/bin/dump_mailman_db`
- `/usr/local/cpanel/bin/mailman-install`

We also removed the following script:

- `/usr/local/cpanel/scripts/reinstallmailman`

If you attempt to run these scripts, you will see a deprecation message. To perform the actions that these scripts previously managed, you **must** use the `rpm.version`s distribution management system. For more information, read our [The `rpm.version`s System](#) documentation.

Removed Bandmin

We removed the Bandmin feature from WHM and cPanel. You can still use WHM's [View Bandwidth Usage](#) interface (*Home >> Account Information >> View Bandwidth Usage*) or cPanel's [Bandwidth](#) interface (*Home >> Metrics >> Bandwidth*) to monitor bandwidth.

- We removed Bandmin as an RPM target in the `/usr/local/cpanel/etc/rpm.versions` file.
- We removed the *Bandmin Password* feature in WHM's [Service Configuration](#) interface (*Home >> Service Configuration*).

Team: Cobra

Removed Mailserver Selection interface

We removed WHM's *Mailserver Selection* interface (*Home >> Mailserver Configuration >> Mailserver Selection*) because we only provide the Dovecot mail server with cPanel & WHM.

Team: Loose Cannon

cPanel Account Forgot Password Request notification

We removed the *cPanel Account Forgot Password Request option* from WHM's [Contact Manager](#) interface (*Home >> Server Contacts >> Contact Manager*). The *Reset Password for cPanel accounts* and *Reset Password for Subaccounts* options in WHM's [Tweak Settings](#) interface (*Home >> Server Configuration >> Tweak Settings*) now controls whether the system sends this notification.

Team: Phoenix

cPanel Feature Showcase

The *Feature Showcase* section will **not** display in cPanel's *Home* interface in cPanel & WHM version 58.

Removed `angular-ui-utils` RPM

Throughout the cPanel, WHM, and Webmail interfaces, we have replaced support for `angular-ui-utils` directives (for example, the `ui-keydown` directive) with the AngularJS `ngKeyup`, `ngKeydown`, and `ngKeypress` directives. For this reason, we will no longer ship the `angular-ui-utils` RPM with cPanel & WHM.

Important:

If you use custom code that relies on this RPM, you **must** update that code.

Removed jQuery libraries

We have removed and no longer ship the following jQuery libraries:

- jQuery 1.7
- jQueryUI
- jQuery-UI-Themes

If your custom code requires any of these libraries, you **must** update it.

Team: Spider-Pig

Deprecated PHP Magic User Loaders for Easy Apache 4

We deprecated the *PHP Magic User Loaders* when you run EasyApache 4 in cPanel & WHM.

Team: Release Team

Removed deprecated values from `sysinfo.config` file

Because we removed support for 32-bit architecture and CentOS, RHEL, and CloudLinux 5 in cPanel & WHM version 58, [The `sysinfo.config` File no longer allows you to manually enter these values in their respective keys.](#)

Removed `port` key in the `cpanel.config` file

We removed the `port` setting from the `/var/cpanel/cpanel.config` file. This setting allowed you to specify a custom port number through which your users could log in to the cPanel interface. You can **only** log in to cPanel via the following ports:

- 2082 — Unencrypted login.
- 2083 — Encrypted login.

For more information, read the following documentation:

- [How to Log in to Your Server or Account](#)
- [The `cpanel.config` File](#)

Appendix A: Provided third-party applications

cPanel-provided

cPanel & WHM version 58 includes the following third-party applications:

Third-party application	Version	Source
analog	6.0	RPM
AngularJS	1.4.4	RPM
AngularJS for Bootstrap	1.2.5	RPM
AWStats	7.4	RPM
Bootstrap	3.1.1	RPM
Bootstrap RTL	0.9.16	RPM
cgiemail	1.6	RPM
Chosen	1.5.1	RPM
CKEditor	4.5.8	RPM
ClamAV	0.99.2	RPM
cPanel Common Licenses RPM	1.0.0	RPM
cpanel-ace-editor	1.1.9	RPM
cpanel-angular-chosen	1.4.0	RPM
cpanel-angular-growl-2	0.7.3	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	RPM
cpanel-gridstack	0.2.4	RPM
cpanel-jquery-ui-touch-punch	0.2.3	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	2.1.21	RPM
cpanel-moment	2.9.0	RPM
cpanel-php-composer	1.1.1	RPM
cpanel-phpmyadmin	4.0.10.14	RPM
cpanel-qrcodejs	0.0.1	RPM
cpanel-roundcubemail	1.1.4	RPM
Dovecot	2.2.24	RPM
elFinder	2.1.11	RPM
Exim	4.87	RPM
FontAwesome	4.3.0	RPM
Git	2.9.0	RPM
HTML Tidy	1.1	RPM
ImageMagick®	6.9.0	RPM
IMAP	2007f	RPM
jQuery	1.11.3	RPM
Libmcrypt	2.5.8	RPM
libspf2	1.2.10	RPM
libsrs_alt SRS library	1.0	RPM
MariaDB Native Client library	1.0.1	RPM
MindTerm	v121	src/3rdparty/gpl
Mongrel	1.1.5	src/3rdparty/ruby/gems
MyDNS	1.2.8.31	RPM
MySQL®	5.1.73	RPM
MySQL® 5.0	5.0.96	RPM
MySQL® 5.1	5.1.73	RPM
MySQL® 5.5	5.5.50	RPM
MySQL® 5.6	5.6.31	RPM
NSD	3.2.18	RPM
Open Sans	1.0	RPM

p0f	3.09b	RPM
phpPgAdmin	5.0.4	src/3rdparty/gpl
phpPgAdmin	5.1	src/3rdparty/gpl
PigZ	2.3.3	RPM
PostgreSQL	9.0.18	RPM
ProFTPD	1.3.5b	RPM
Pure-FTP	1.0.42	RPM
PuttyGen	0.64	RPM
Rack	1.1.6	src/3rdparty/ruby/gems
re2c	0.13.7.4	RPM
RequireJS	2.1.14	RPM
rpm_is_working	1.0	RPM
RRDs	v1.5.5	RPM
rrdtool	1.5.5	RPM
splitlogs	1.0	RPM
squirrelmail client for webmail	2012.12.09	RPM
User::Perl	1.0	RPM
Webalizer	2.23_05	RPM
wwwcount	2.5	RPM
yui (Yahoo User Experience Tools)	2.9.0	RPM

PHP Modules

✓ [Click here to view the full list of PHP modules...](#)

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	5.6.20	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_Perms	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_SSMTP	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

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

Third-party application	Version	Source
ack	2.14	RPM
Acme::Bleach	1.150	RPM
Acme::Damn	0.06	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
Apache SpamAssassin	3.004001	RPM
Apache::LogFormat::Compiler	0.32	RPM
App::Cmd	0.330	RPM
App::CmdDispatch	0.43	RPM
App::Nopaste	1.004	RPM
AppConfig	1.71	RPM
Archive::Any	0.0942	RPM
Archive::Extract	0.76	RPM
Archive::Tar::Builder	2.0000	RPM
Archive::Tar::Streamed	0.03	RPM
Archive::Zip	1.53	RPM
Authen::Libwrap	0.22	RPM
Authen::SASL	2.16	RPM
autobox	2.83	RPM
B::Flags	0.15	RPM
B::Hooks::EndOfScope	0.15	RPM
B::Hooks::OP::Check	0.19	RPM

B::Keywords	1.15	RPM
B::Lint	1.20	RPM
B::Utils	0.27	RPM
bareword::filehandles	0.003	RPM
Browser::Open	0.04	RPM
BSD::Resource	1.2908	RPM
Business::ISBN::Data	20140910.002	RPM
Business::ISBN	2.09	RPM
Business::OnlinePayment::AuthorizeNet	3.22	RPM
Business::OnlinePayment	3.03	RPM
Business::UPS	2.01	RPM
Cache::Cache	1.08	RPM
Cache::FastMmap	1.43	RPM
Cache::Memcached::GetParserXS	0.01	RPM
Cache::Memcached	1.30	RPM
Capture::Tiny	0.30	RPM
Carp::Always	0.13	RPM
Carp::Clan	6.04	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::Browser	0.08	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	0.33	RPM
Catalyst::Plugin::UploadProgress	0.06	RPM
Catalyst::Runtime	5.90103	RPM
Catalyst::TraitFor::Request::BrowserDetect	0.02	RPM
Catalyst::View::JSON	0.35	RPM
Catalyst::View::TT	0.44	RPM
CatalystX::Component::Traits	0.19	RPM
CatalystX::RoleApplicator	0.005	RPM
CDB_File	0.98	RPM
CGI::Session	4.48	RPM
CGI::Simple	1.115	RPM
CGI::Struct	1.21	RPM
CGI	4.22	RPM
Class::Accessor::Chained	0.01	RPM
Class::Accessor::Grouped	0.10012	RPM
Class::Accessor	0.34	RPM
Class::Base	0.06	RPM
Class::C3::Adopt::NEXT	0.14	RPM
Class::C3::Componentised	1.001000	RPM
Class::C3	0.30	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	1.28	RPM
Class::Load::XS	0.09	RPM
Class::Load	0.23	RPM
Class::Loader	2.03	RPM
Class::Method::Modifiers	2.11	RPM
Class::Singleton	1.5	RPM
Class::Std::Utils	v0.0.3	RPM
Class::Std	0.013	RPM
Class::Tiny	1.004	RPM
Class::Unload	0.09	RPM

Class::XSAccessor	1.19	RPM
Clipboard	0.13	RPM
Clone	0.38	RPM
common::sense	3.74	RPM
Compress::Bzip2	2.22	RPM
Compress::Raw::Lzma	2.069	RPM
Config::Any	0.26	RPM
Config::Crontab	1.40	RPM
Config::General	2.60	RPM
Config::GitLike	1.16	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	0.01	RPM
Convert::ASCII::Armour	1.4	RPM
Convert::ASN1	0.27	RPM
Convert::BinHex	1.124	RPM
Convert::PEM	0.08	RPM
Convert::TNEF	0.18	RPM
Cookie::Baker	0.06	RPM
CPAN::DistnameInfo	0.12	RPM
CPAN::Meta::Check	0.012	RPM
CPAN::SQLite	0.211	RPM
CPAN::Uploader	0.103011	RPM
cpanel-perl-522	5.22.1	RPM
Cpanel::Class	v1.0.6	RPM
Cpanel::Cleanup	0.4	RPM
Cpanel::CORE::Dependencies	1.4	RPM
Cpanel::JSON::XS	3.0115	RPM
cPanel::MemTest	0.3	RPM
Cpanel::Optimizer	0.1	RPM
Cpanel::OS	0.6	RPM
Cpanel::POSIX::Tiny	1.3	RPM
cPanel::PublicAPI	2	RPM
cPanel::SyncUtil	0.8	RPM

cPanel::TaskQueue	0.800	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::Format	0.06	RPM
Crypt::GPG	1.64	RPM
Crypt::IDEA	1.10	RPM
Crypt::JWT	0.013	RPM
Crypt::OpenPGP	1.12	RPM
Crypt::OpenSSL::Bignum	0.06	RPM
Crypt::OpenSSL::DSA	0.15	RPM
Crypt::OpenSSL::PKCS10	0.15	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	1.3	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	1.97	RPM
Crypt::SSLeay	0.72	RPM
Crypt::Twofish	2.17	RPM
CryptX	0.034	RPM
CSS::SpriteMaker	0.15	RPM
Curses::UI	0.9609	RPM
Curses	1.33	RPM
Danga::Socket	1.61	RPM
Data::Buffer	0.04	RPM
Data::Compare	1.25	RPM

Data::Dump::Streamer	2.38	RPM
Data::Dump	1.23	RPM
Data::Dumper::Concise	2.022	RPM
Data::MessagePack	0.48	RPM
Data::Munge	0.095	RPM
Data::OptList	0.109	RPM
Data::Page	2.02	RPM
Data::Rmap	0.64	RPM
Data::Section	0.200006	RPM
Data::Serializer	0.60	RPM
Data::UUID	1.221	RPM
Data::Visitor	0.30	RPM
Date::Manip	6.53	RPM
Date::Simple	3.03	RPM
DateTime::Format::Builder	0.81	RPM
DateTime::Format::Pg	0.16011	RPM
DateTime::Format::Strptime	1.60	RPM
DateTime::Locale	1.01	RPM
DateTime::TimeZone	1.94	RPM
DateTime	1.21	RPM
DBD::Mock	1.45	RPM
DBD::mysql	4.033	RPM
DBD::Pg	3.5.3	RPM
DBD::PgPP	0.08	RPM
DBD::SQLite2	0.36	RPM
DBD::SQLite	1.50	RPM
DBI	1.634	RPM
DBIx::Class::Schema::Loader	0.07043	RPM
DBIx::Class	0.082820	RPM
DBIx::MyParsePP	0.50	RPM
Devel::Caller	2.06	RPM
Devel::Cover	1.21	RPM
Devel::FindPerl	0.014	RPM
Devel::GlobalDestruction	0.13	RPM
Devel::Hide	0.0009	RPM
Devel::LexAlias	0.05	RPM
Devel::NYTProf	6.02	RPM

Devel::OverloadInfo	0.004	RPM
Devel::REPL	1.003027	RPM
Devel::Size	0.80	RPM
Devel::StackTrace::AsHTML	0.14	RPM
Devel::StackTrace	2.00	RPM
Devel::Syndump	2.15	RPM
Diff::LibXDiff	0.05	RPM
Digest::BubbleBabble	0.02	RPM
Digest::HMAC	1.03	RPM
Digest::MD2	2.04	RPM
Digest::MD5::File	0.08	RPM
Digest::Perl::MD5	1.9	RPM
Digest::SHA1	2.13	RPM
Dist::CheckConflicts	0.11	RPM
Dist::Zilla::Plugin::Config::Git	0.92	RPM
Dist::Zilla::Plugin::Git	2.036	RPM
Dist::Zilla::Plugin::GitHub	0.41	RPM
Dist::Zilla::Plugin::Repository	0.20	RPM
Dist::Zilla	5.041	RPM
Email::Address	1.908	RPM
Email::Date::Format	1.005	RPM
Email::MessageID	1.406	RPM
Email::MIME::ContentType	1.018	RPM
Email::MIME::Encodings	1.315	RPM
Email::MIME	1.936	RPM
Email::Simple	2.208	RPM
Email::Valid	1.198	RPM
Encode::Detect	1.01	RPM
Encode::Locale	1.05	RPM
Env::Path	0.19	RPM
Error	0.17024	RPM
Eval::Closure	0.13	RPM
Exception::Class	1.39	RPM
Expect	1.32	RPM
Exporter::Tiny	0.042	RPM
ExtUtils::Config	0.008	RPM
ExtUtils::Helpers	0.022	RPM

ExtUtils::InstallPaths	0.011	RPM
FCGI	0.77	RPM
File::BaseDir	0.07	RPM
File::ChangeNotify	0.24	RPM
File::chdir	0.1010	RPM
File::CheckTree	4.42	RPM
File::Comments	0.08	RPM
File::Copy::Recursive	0.38	RPM
File::DesktopEntry	0.12	RPM
File::Find::Rule::Filesys::Virtual	1.22	RPM
File::Find::Rule::Perl	1.15	RPM
File::Find::Rule	0.33	RPM
File::HomeDir	1.00	RPM
File::Listing	6.04	RPM
File::MimeInfo	0.27	RPM
File::MMagic::XS	0.09008	RPM
File::MMagic	1.30	RPM
File::Next	1.12	RPM
File::Path::Tiny	0.7	RPM
File::pushd	1.009	RPM
File::ReadBackwards	1.05	RPM
File::Remove	1.52	RPM
File::Scan::ClamAV	1.93	RPM
File::ShareDir::Install	0.10	RPM
File::ShareDir::ProjectDistDir	1.000008	RPM
File::ShareDir	1.102	RPM
File::Slurp::Tiny	0.004	RPM
File::Slurp	9999.19	RPM
File::Tail	1.3	RPM
File::Touch	0.10	RPM
File::Which	1.19	RPM
Filesys::Df	0.92	RPM
Filesys::Notify::Simple	0.12	RPM
Filesys::POSIX	v0.9.17	RPM
Filesys::Statvfs	0.82	RPM
Filesys::Virtual	0.06	RPM
Font::AFM	1.20	RPM

forks	0.36	RPM
GD	2.56	RPM
GDGraph	1.49	RPM
GDTextUtil	0.86	RPM
Gearman	1.12	RPM
Geo::IP	1.45	RPM
Geo::IPfree	1.151940	RPM
Geography::Countries	2009041301	RPM
Getopt::Euclid	0.004005	RPM
Getopt::Long::Descriptive	0.099	RPM
Getopt::Param::Tiny	0.5	RPM
Getopt::Param	0.0.5	RPM
Git::Repository	1.315	RPM
Git::Wrapper	0.045	RPM
Graph::Easy::As_svg	0.23	RPM
Graph::Easy::Manual	0.41	RPM
Graph::Easy	0.75	RPM
Graph::Flowchart	0.11	RPM
GSSAPI	0.28	RPM
Hash::Merge::Simple	0.051	RPM
Hash::Merge	0.200	RPM
Hash::MultiValue	0.16	RPM
Hook::LexWrap	0.25	RPM
HTML::Form	6.03	RPM
HTML::Formatter	2.14	RPM
HTML::Parser	3.71	RPM
HTML::StripTags	1.01	RPM
HTML::Tagset	3.20	RPM
HTML::Template	2.95	RPM
HTML::Tree	5.03	RPM
HTTP::Body	1.22	RPM
HTTP::BrowserDetect	2.05	RPM
HTTP::CookieJar	0.008	RPM
HTTP::Cookies	6.01	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::Headers::Fast	0.19	RPM
HTTP::Message	6.11	RPM
HTTP::Negotiate	6.01	RPM
HTTP::Parser::XS	0.17	RPM
HTTP::Request::AsCGI	1.2	RPM
HTTP::Server::Simple	0.51	RPM
HTTP::Tiny::UA	0.004	RPM
Image::Base	1.17	RPM
Image::Info	1.38	RPM
Image::Magick	6.90	RPM
Image::Size	3.300	RPM
Image::Xbm	1.09	RPM
Image::Xpm	1.12	RPM
Import::Into	1.002005	RPM
indirect	0.36	RPM
IO::AIO	4.32	RPM
IO::Callback	1.12	RPM
IO::CloseFDs	1.01	RPM
IO::HTML	1.001	RPM
IO::Interactive::Tiny	0.2	RPM
IO::Interactive	0.0.6	RPM
IO::Interface	1.09	RPM
IO::Prompt	0.997003	RPM
IO::SessionData	1.03	RPM
IO::Socket::ByteCounter	v0.0.2	RPM
IO::Socket::INET6	2.72	RPM
IO::Socket::SSL	2.020	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	0.94	RPM
IPC::System::Simple	1.25	RPM
JSON::Any	1.39	RPM
JSON::DWIW	0.47	RPM
JSON::MaybeXS	1.003005	RPM
JSON::WebToken	0.10	RPM
JSON::XS	3.01	RPM
JSON	2.90	RPM
Lchown	1.01	RPM
Lexical::Persistence	1.020	RPM
Lexical::SealRequireHints	0.009	RPM
lib::restrict	v0.0.5	RPM
libwww::perl	6.13	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	1.899	RPM
Lingua::EN::Number::IsOrdinal	0.05	RPM
Lingua::EN::Tagger	0.25	RPM
Lingua::EN::Words2Nums	0.18	RPM
Lingua::PT::Stemmer	0.01	RPM
Lingua::Stem::Fr	0.02	RPM
Lingua::Stem::It	0.02	RPM
Lingua::Stem::Ru	0.01	RPM
Lingua::Stem::Snowball::Da	1.01	RPM
Lingua::Stem	0.84	RPM
Linux::Inotify2	1.22	RPM
List::AllUtils	0.09	RPM
List::Cycle	1.02	RPM
List::MoreUtils	0.413	RPM
local::lib	2.000018	RPM
Locale::Maketext::Pseudo	0.6	RPM
Locale::Maketext::Utils	0.41	RPM
Locales	0.33	RPM
Log::Dispatch::Array	1.003	RPM
Log::Dispatch	2.51	RPM

Log::Dispatchouli	2.012	RPM
Log::Log4perl	1.46	RPM
Log::Message::Simple	0.10	RPM
Log::Message	0.08	RPM
LWP::MediaTypes	6.02	RPM
LWP::Protocol::https	6.06	RPM
LWP::UserAgent::Determined	1.07	RPM
Mail::Alias::Reader	0.06	RPM
Mail::DKIM	0.40	RPM
Mail::DomainKeys	1.0	RPM
Mail::SendEasy	1.2	RPM
Mail::Sender::Easy	v0.0.5	RPM
Mail::Sender	v0.8.23	RPM
Mail::SPF	v2.9.0	RPM
Mail::SRS	0.31	RPM
MailTools	2.14	RPM
Math::Base85	0.2	RPM
Math::BigInt::GMP	1.47	RPM
Math::BigInt::Pari	1.23	RPM
Math::BigInt	1.999710	RPM
Math::Fibonacci::Phi	0.02	RPM
Math::Fibonacci	1.5	RPM
Math::Pari	2.010808	RPM
Math::Permute::List	1.007	RPM
Math::Round	0.07	RPM
MD5	2.03	RPM
Memoize::ExpireLRU	0.55	RPM
MIME::Base32	1.02	RPM
MIME::Lite	3.030	RPM
MIME::tools	5.507	RPM
MIME::Types	2.12	RPM
Mixin::Linewise	0.108	RPM
MLDBM	2.05	RPM
Module::Build::Tiny	0.039	RPM
Module::Build	0.4214	RPM
Module::Extract::VERSION	1.01	RPM
Module::Find	0.13	RPM

Module::Implementation	0.09	RPM
Module::Install	1.16	RPM
Module::Path	0.19	RPM
Module::Pluggable	5.2	RPM
Module::Refresh	0.17	RPM
Module::Runtime::Conflicts	0.002	RPM
Module::Runtime	0.014	RPM
Module::ScanDeps	1.20	RPM
Module::Signature	0.79	RPM
Module::Want	0.6	RPM
Moment	1.3.0	RPM
Moo	2.000002	RPM
Moose::Autobox	0.15	RPM
Moose	2.1604	RPM
MooseX::AttributeShortcuts	0.028	RPM
MooseX::ConfigFromFile	0.14	RPM
MooseX::Daemonize	0.20	RPM
MooseX::Emulate::Class::Accessor::Fast	0.00903	RPM
MooseX::Getopt	0.68	RPM
MooseX::Has::Sugar	1.000004	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	1.08	RPM
MooseX::Role::WithOverloading	0.17	RPM
MooseX::SemiAffordanceAccessor	0.10	RPM
MooseX::SetOnce	0.200002	RPM
MooseX::SimpleConfig	0.11	RPM
MooseX::Traits::Pluggable	0.12	RPM
MooseX::Types::Common	0.001013	RPM
MooseX::Types::LoadableClass	0.014	RPM

MooseX::Types::Path::Class	0.08	RPM
MooseX::Types::Path::Tiny	0.011	RPM
MooseX::Types::Perl	0.101343	RPM
MooseX::Types::Stringlike	0.003	RPM
MooseX::Types	0.46	RPM
MooX::Types::MooseLike	0.29	RPM
Mozilla::CA	20150826	RPM
Mozilla::PublicSuffix	v0.1.19	RPM
MRO::Compat	0.12	RPM
multidimensional	0.011	RPM
munin	2.0.25	RPM
MySQL::Diff	0.43	RPM
namespace::autoclean	0.28	RPM
namespace::clean	0.26	RPM
Net::AIM	1.22	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	1.02	RPM
Net::DNS	1.04	RPM
Net::FastCGI	0.14	RPM
Net::FTPSSL	0.30	RPM
Net::HTTP	6.09	RPM
Net::HTTPS::Any	0.11	RPM
Net::HTTPTunnel	0.51	RPM
Net::Ident	1.24	RPM
Net::IDN::Encode	2.300	RPM
Net::IP::Match::Regexp	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::OpenSSH	0.66	RPM
Net::OSCAR	1.928	RPM

Net::Server	2.008	RPM
Net::SFTP::Foreign	1.79	RPM
Net::SNMP	v6.0.1	RPM
Net::SOCKS	0.03	RPM
Net::SSLeay	1.72	RPM
Net::TCPwrappers	1.11	RPM
Net::Telnet	3.04	RPM
Net::Whois::IANA	0.41	RPM
Net::XMPP	1.05	RPM
NetAddr::IP	4.078	RPM
Number::Compare	0.03	RPM
OAuth::Lite2	0.10	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	0.02	RPM
Package::DeprecationManager	0.15	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	1.16	RPM
Params::Util	1.07	RPM
Params::Validate	1.21	RPM
Parse::RecDescent	1.967013	RPM
Path::Class	0.35	RPM
Path::FindDev	0.5.2	RPM
Path::IsDev	1.001002	RPM
Path::Iter	0.2	RPM
Path::Tiny	0.076	RPM
Perl6::Junction	1.60000	RPM
Perl::Critic	1.126	RPM
perl::ldap	0.65	RPM
Perl::MinimumVersion	1.38	RPM

Perl::PrereqScanner	1.023	RPM
Perl::Tidy	20150815	RPM
Perl::Version	1.013	RPM
Perlbal	1.80	RPM
PerlIO::utf8_strict	0.006	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	1.0037	RPM
Pod::Coverage	0.23	RPM
Pod::Eventual	0.094001	RPM
Pod::LaTeX	0.61	RPM
Pod::Markdown	3.003	RPM
Pod::Spell	1.17	RPM
POSIX::strftime::Compiler	0.41	RPM
PPI	1.220	RPM
PPIx::Regexp	0.042	RPM
PPIx::Utilities	1.001000	RPM
Probe::Perl	0.03	RPM
Proc::Daemon	0.22	RPM
Proc::ProcessTable	0.53	RPM
Quota	1.7.2	RPM
Razor2::Client::Agent	2.84	RPM
Readonly::XS	1.05	RPM
Readonly	2.00	RPM
Regexp::Parser	0.21	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	2.000001	RPM
Safe::Hole	0.13	RPM

Safe::Isa	1.000005	RPM
Schedule::Cron::Events	1.95	RPM
Scope::Guard	0.21	RPM
Sereal::Decoder	3.014	RPM
Sereal::Encoder	3.014	RPM
Sereal	3.014	RPM
Set::Crontab	1.03	RPM
Set::Object	1.35	RPM
Smart::Comments	1.06	RPM
Snowball::Norwegian	1.2	RPM
Snowball::Swedish	1.2	RPM
SOAP::Lite	1.19	RPM
Socket6	0.25	RPM
Software::License	0.103010	RPM
Sort::Versions	1.61	RPM
Spreadsheet::ParseExcel	0.65	RPM
Spreadsheet::WriteExcel	2.40	RPM
SQL::Abstract	1.81	RPM
SQL::Statement	1.407	RPM
SQL::Translator	0.11021	RPM
Starman	0.4014	RPM
Stream::Buffered	0.03	RPM
strictures	2.000002	RPM
String::BOM	0.3	RPM
String::CamelCase	0.02	RPM
String::CRC32	1.5	RPM
String::Errf	0.007	RPM
String::Flogger	1.101245	RPM
String::Format	1.17	RPM
String::Formatter	0.102084	RPM
String::PerlQuote	0.01	RPM
String::Random	0.28	RPM
String::RewritePrefix	0.007	RPM
String::ShellQuote	1.04	RPM
String::ToIdentifier::EN	0.11	RPM
String::UnicodeUTF8	0.21	RPM
String::Unquotemeta	0.1	RPM

Sub::Exporter::ForMethods	0.100052	RPM
Sub::Exporter::GlobExporter	0.005	RPM
Sub::Exporter::Progressive	0.001011	RPM
Sub::Exporter	0.987	RPM
Sub::Identify	0.12	RPM
Sub::Install	0.928	RPM
Sub::Name	0.14	RPM
Sub::Uplevel	0.25	RPM
SUPER	1.20141117	RPM
superclass	0.003	RPM
SVG::TT::Graph	0.25	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	0.17	RPM
Sys::SigAction	0.21	RPM
Sys::Statistics::Linux	0.66	RPM
Sys::Syscall	0.25	RPM
Sysadm::Install	0.46	RPM
System::Command	1.115	RPM
Task::Weaken	1.04	RPM
Template::Timer	1.00	RPM
Template::Toolkit	2.26	RPM
Term::Encoding	0.02	RPM
Term::UI	0.46	RPM
TermReadKey	2.33	RPM
Test::Carp	0.2	RPM
Test::CheckDeps	0.010	RPM
Test::CheckManifest	1.29	RPM
Test::Class	0.50	RPM
Test::ClassAPI	1.06	RPM
Test::CPAN::Meta::YAML	0.25	RPM
Test::CPAN::Meta	0.25	RPM
Test::Deep	0.119	RPM

Test::Differences	0.63	RPM
Test::Exception	0.40	RPM
Test::Exit	0.11	RPM
Test::FailWarnings	0.008	RPM
Test::Fatal	0.014	RPM
Test::File::Contents	0.21	RPM
Test::File::ShareDir	1.001001	RPM
Test::File	1.44	RPM
Test::HexString	0.03	RPM
Test::Inter	1.06	RPM
Test::LeakTrace	0.15	RPM
Test::Manifest	2.02	RPM
Test::MinimumVersion	0.101081	RPM
Test::Mock::Cmd	0.6	RPM
Test::MockModule	0.11	RPM
Test::MockObject	1.20150527	RPM
Test::Most	0.34	RPM
Test::NoWarnings	1.04	RPM
Test::Object	0.07	RPM
Test::Output	1.03	RPM
Test::Parallel	0.20	RPM
Test::Pod::Coverage	1.10	RPM
Test::Pod	1.51	RPM
Test::Requires	0.10	RPM
Test::Script	1.10	RPM
Test::SharedFork	0.34	RPM
Test::SubCalls	1.09	RPM
Test::TCP	2.14	RPM
Test::Unit	0.25	RPM
Test::Warn	0.30	RPM
Test::Warnings	0.021	RPM
Test::Without::Module	0.18	RPM
Test::YAML::Meta	0.22	RPM
Test::YAML::Valid	0.04	RPM
Text::CSV	1.33	RPM
Text::CSV_XS	1.20	RPM
Text::Diff	1.43	RPM

Text::Extract::MaketextCallPhrases	0.93	RPM
Text::Fold	0.5	RPM
Text::German	0.06	RPM
Text::Glob	0.09	RPM
Text::Iconv	1.7	RPM
Text::SimpleTable	2.03	RPM
Text::Soundex	3.04	RPM
Text::Template	1.46	RPM
Text::Trim	1.02	RPM
Text::Unicode	1.27	RPM
Throwable	0.200013	RPM
Tie::DBI	1.06	RPM
Tie::EncryptedHash	1.24	RPM
Tie::IxHash	1.23	RPM
Tie::ShadowHash	1.00	RPM
Tie::ToObject	0.03	RPM
TimeDate	2.30	RPM
Tree::DAG_Node	1.27	RPM
Tree::MultiNode	v1.0.13	RPM
Tree::Simple::VisitorFactory	0.12	RPM
Tree::Simple	1.25	RPM
Try::Tiny	0.22	RPM
Types::Serialiser	1.0	RPM
Umask::Local	1.0	RPM
UNIVERSAL::can	1.20140328	RPM
UNIVERSAL::isa	1.20150614	RPM
Unix::PID::Tiny	0.91	RPM
Unix::PID	0.23	RPM
Unix::Processors	2.043	RPM
Unix::Sysexits	0.06	RPM
Unix::Syslog	1.1	RPM
URI::Find	20140709	RPM
URI::ws	0.03	RPM
URI	1.69	RPM
Variable::Magic	0.59	RPM
Version::Next	0.004	RPM
Want	0.26	RPM

Web::Detect	0.05	RPM
WWW::Form	1.19	RPM
WWW::Mechanize	1.75	RPM
WWW::Pastebin::PastebinCom::Create	1.003	RPM
WWW::RobotRules	6.02	RPM
XML::DOM	1.45	RPM
XML::LibXML	2.0122	RPM
XML::NamespaceSupport	1.11	RPM
XML::Parser	2.44	RPM
XML::RegExp	0.04	RPM
XML::SAX::Base	1.08	RPM
XML::SAX::Expat	0.51	RPM
XML::SAX	0.99	RPM
XML::Simple	2.20	RPM
XML::Stream	1.24	RPM
XML::Writer	0.625	RPM
XML::XPath	1.33	RPM
YAML::Syck	1.29	RPM
YAML::Tiny	1.69	RPM
YAML	1.15	RPM

OS-provided

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

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.

▼ [CentOS, CloudLinux™, or RHEL® 6...](#)

Third-party application	Version	Source
at	3.1.10-48.el6	RPM
autoconf	2.63-5.1.el6	RPM
automake	1.11.1-4.el6	RPM
bash	4.1.2-40.el6	RPM
bind	9.8.2-0.47.rc1.el6	RPM
bind-devel	9.8.2-0.47.rc1.el6	RPM
bind-libs	9.8.2-0.47.rc1.el6	RPM
bind-utils	9.8.2-0.47.rc1.el6	RPM
binutils	2.20.51.0.2-5.44.el6	RPM

bison	2.4.1-5.el6	RPM
bzip2	1.0.5-7.el6_0	RPM
bzip2-libs	1.0.5-7.el6_0	RPM
cairo	1.8.8-6.el6_6	RPM
chkconfig	1.3.49.5-1.el6	RPM
compat-db	4.6.21-15.el6	RPM
coreutils	8.4-43.el6	RPM
cpio	2.10-12.el6_5	RPM
cpp	4.4.7-17.el6	RPM
crontabs	1.10-33.el6	RPM
curl	7.19.7-52.el6	RPM
db4	4.7.25-20.el6_7	RPM
db4-devel	4.7.25-20.el6_7	RPM
e2fsprogs	1.41.12-22.el6	RPM
e2fsprogs-devel	1.41.12-22.el6	RPM
expat	2.0.1-11.el6_2	RPM
expat-devel	2.0.1-11.el6_2	RPM
expect	5.44.1.15-5.el6_4	RPM
file	5.04-30.el6	RPM
flex	2.5.35-9.el6	RPM
fontconfig	2.8.0-5.el6	RPM
freetype	2.3.11-17.el6	RPM
ftp	0.17-54.el6	RPM
gamin	0.1.10-9.el6	RPM
gamin-devel	0.1.10-9.el6	RPM
gcc	4.4.7-17.el6	RPM
gcc-c++	4.4.7-17.el6	RPM
gd	2.0.35-11.el6	RPM
gd-devel	2.0.35-11.el6	RPM
gd-progs	2.0.35-11.el6	RPM
gdbm	1.8.0-39.el6	RPM
gdbm-devel	1.8.0-39.el6	RPM
gettext	0.17-18.el6	RPM
gettext-devel	0.17-18.el6	RPM
ghostscript	8.70-21.el6	RPM
giflib	4.1.6-3.1.el6	RPM
glib2	2.28.8-5.el6	RPM

glibc	2.12-1.192.el6	RPM
glibc-devel	2.12-1.192.el6	RPM
glibc-static	2.12-1.192.el6	RPM
gmp	4.3.1-10.el6	RPM
gnupg	>= 0	RPM
gnupg2	2.0.14-8.el6	RPM
grep	2.20-3.el6_7.1	RPM
gzip	1.3.12-22.el6	RPM
hunspell	1.2.8-16.el6	RPM
hunspell-en	0.20090216-7.1.el6	RPM
initscripts	9.03.53-1.el6.centos	RPM
iptables	1.4.7-16.el6	RPM
iptables-ipv6	1.4.7-16.el6	RPM
kernel-headers	2.6.32-642.1.1.el6	RPM
keyutils-libs	1.4-5.el6	RPM
krb5-devel	1.10.3-57.el6	RPM
lcms	1.19-1.el6	RPM
less	436-13.el6	RPM
libaio	0.3.107-10.el6	RPM
libaio-devel	0.3.107-10.el6	RPM
libcap	2.16-5.5.el6	RPM
libgcc	4.4.7-17.el6	RPM
libgomp	4.4.7-17.el6	RPM
libgpg-error	1.7-4.el6	RPM
libidn	1.18-2.el6	RPM
libidn-devel	1.18-2.el6	RPM
libpcap	1.4.0-4.20130826git2dbcaa1.el6	RPM
libpng	1.2.49-2.el6_7	RPM
libpng-devel	1.2.49-2.el6_7	RPM
libstdc++	4.4.7-17.el6	RPM
libstdc++-devel	4.4.7-17.el6	RPM
libtiff	3.9.4-10.el6_5	RPM
libtiff-devel	3.9.4-10.el6_5	RPM
libtool	2.2.6-15.5.el6	RPM
libtool-ltdl	2.2.6-15.5.el6	RPM
libtool-ltdl-devel	2.2.6-15.5.el6	RPM
libwmf	0.2.8.4-25.el6_7	RPM

libX11-devel	1.6.3-2.el6	RPM
libxml2	2.7.6-21.el6_8.1	RPM
libxml2-devel	2.7.6-21.el6_8.1	RPM
libXpm	3.5.10-2.el6	RPM
libXpm-devel	3.5.10-2.el6	RPM
libxslt	1.1.26-2.el6_3.1	RPM
libxslt-devel	1.1.26-2.el6_3.1	RPM
lsod	4.82-5.el6	RPM
lynx	2.8.6-27.el6	RPM
make	3.81-23.el6	RPM
nano	2.0.9-7.el6	RPM
ncurses	5.7-4.20090207.el6	RPM
ncurses-devel	5.7-4.20090207.el6	RPM
ncurses-libs	5.7-4.20090207.el6	RPM
net-tools	1.60-110.el6_2	RPM
openssh	5.3p1-118.1.el6_8	RPM
openssh-clients	5.3p1-118.1.el6_8	RPM
openssh-server	5.3p1-118.1.el6_8	RPM
openssl	1.0.1e-48.el6_8.1	RPM
openssl-devel	1.0.1e-48.el6_8.1	RPM
pam	1.1.1-22.el6	RPM
pam-devel	1.1.1-22.el6	RPM
pango	1.28.1-11.el6	RPM
passwd	0.77-7.el6	RPM
patch	2.6-6.el6	RPM
pcre	7.8-7.el6	RPM
perl	5.10.1-141.el6_7.1	RPM
pixman	0.32.8-1.el6	RPM
pkgconfig	0.23-9.1.el6	RPM
popt	1.13-7.el6	RPM
procps	3.2.8-36.el6	RPM
python	2.6.6-64.el6	RPM
python-devel	2.6.6-64.el6	RPM
python-docs	2.6.6-2.el6	RPM
python-setuptools	0.6.10-3.el6	RPM
python-tools	2.6.6-64.el6	RPM
quota	3.17-23.el6	RPM

quota-devel	3.17-23.el6	RPM
rcs	5.7-37.el6	RPM
rdate	1.4-16.el6	RPM
readline	6.0-4.el6	RPM
rsync	3.0.6-12.el6	RPM
screen	4.0.3-19.el6	RPM
sed	4.2.1-10.el6	RPM
shadow-utils	4.1.5.1-5.el6	RPM
sharutils	4.7-6.1.el6	RPM
Smartmontools	5.43-1.el6	RPM
sqlite	3.6.20-1.el6_7.2	RPM
strace	4.8-10.el6	RPM
sysstat	9.0.4-31.el6	RPM
tar	1.23-14.el6	RPM
tcl	8.5.7-6.el6	RPM
tclx	8.4.0-15.el6	RPM
tcp_wrappers-devel	7.6-58.el6	RPM
tix	8.4.3-5.el6	RPM
tk	8.5.7-5.el6	RPM
tkinter	2.6.6-64.el6	RPM
tmpwatch	2.9.16-6.el6	RPM
traceroute	2.0.14-2.el6	RPM
unzip	6.0-4.el6	RPM
urw-fonts	2.4-11.el6	RPM
util-linux-ng	2.17.2-12.24.el6	RPM
wget	1.12-8.el6	RPM
which	2.19-6.el6	RPM
xz	4.999.9-0.5.beta.20091007git.el6	RPM
xz-libs	4.999.9-0.5.beta.20091007git.el6	RPM
yum-utils	1.1.30-37.el6	RPM
zip	3.0-1.el6_7.1	RPM
zlib	1.2.3-29.el6	RPM
zlib-devel	1.2.3-29.el6	RPM
zsh	4.3.11-4.el6.centos.2	RPM

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Third-party application	Version	Source
at	3.1.13-20.el7	RPM

autoconf	2.69-11.el7	RPM
automake	1.13.4-3.el7	RPM
bash	4.2.46-19.el7	RPM
bind	9.9.4-29.el7_2.3	RPM
bind-devel	9.9.4-29.el7_2.3	RPM
bind-libs	9.9.4-29.el7_2.3	RPM
bind-utils	9.9.4-29.el7_2.3	RPM
binutils	2.23.52.0.1-55.el7	RPM
bison	2.7-4.el7	RPM
bzip2	1.0.6-13.el7	RPM
bzip2-libs	1.0.6-13.el7	RPM
cairo	1.14.2-1.el7	RPM
chkconfig	1.3.61-5.el7_2.1	RPM
compat-db	4.7.25-28.el7	RPM
coreutils	8.22-15.el7_2.1	RPM
cpio	2.11-24.el7	RPM
cpp	4.8.5-4.el7	RPM
crontabs	1.11-6.20121102git.el7	RPM
curl	7.29.0-25.el7.centos	RPM
e2fsprogs	1.42.9-7.el7	RPM
e2fsprogs-devel	1.42.9-7.el7	RPM
expat	2.1.0-8.el7	RPM
expat-devel	2.1.0-8.el7	RPM
expect	5.45-14.el7_1	RPM
file	5.11-31.el7	RPM
flex	2.5.37-3.el7	RPM
fontconfig	2.10.95-7.el7	RPM
freetype	2.4.11-11.el7	RPM
ftp	0.17-66.el7	RPM
gamin	0.1.10-16.el7	RPM
gamin-devel	0.1.10-16.el7	RPM
gcc	4.8.5-4.el7	RPM
gcc-c++	4.8.5-4.el7	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	0.18.2.1-4.el7	RPM
gettext-devel	0.18.2.1-4.el7	RPM
ghostscript	9.07-18.el7	RPM
giflib	4.1.6-9.el7	RPM
glib2	2.42.2-5.el7	RPM
glibc	2.17-106.el7_2.6	RPM
glibc-devel	2.17-106.el7_2.6	RPM
glibc-static	2.17-106.el7_2.6	RPM
gmp	6.0.0-12.el7_1	RPM
gnupg2	2.0.22-3.el7	RPM
grep	2.20-2.el7	RPM
gzip	1.5-8.el7	RPM
hunspell	1.3.2-13.el7	RPM
hunspell-en	0.20121024-5.el7	RPM
initscripts	9.49.30-1.el7_2.2	RPM
iptables	1.4.21-16.el7	RPM
kernel-headers	3.10.0-327.18.2.el7	RPM
keyutils-libs	1.5.8-3.el7	RPM
krb5-devel	1.13.2-12.el7_2	RPM
less	458-9.el7	RPM
libaio	0.3.109-13.el7	RPM
libaio-devel	0.3.109-13.el7	RPM
libcap	2.22-8.el7	RPM
libdb	5.3.21-19.el7	RPM
libgcc	4.8.5-4.el7	RPM
libgomp	4.8.5-4.el7	RPM
libgpg-error	1.12-3.el7	RPM
libicu	50.1.2-15.el7	RPM
libidn	1.28-4.el7	RPM
libidn-devel	1.28-4.el7	RPM
libmount-devel	2.23.2-26.el7_2.2	RPM
libpcap	1.5.3-8.el7	RPM
libpng	1.5.13-7.el7_2	RPM
libpng-devel	1.5.13-7.el7_2	RPM
libstdc++	4.8.5-4.el7	RPM
libstdc++-devel	4.8.5-4.el7	RPM

libtiff	4.0.3-14.el7	RPM
libtiff-devel	4.0.3-14.el7	RPM
libtool	2.4.2-21.el7_2	RPM
libtool-ltdl	2.4.2-21.el7_2	RPM
libtool-ltdl-devel	2.4.2-21.el7_2	RPM
libwmf	0.2.8.4-41.el7_1	RPM
libX11-devel	1.6.3-2.el7	RPM
libxml2	2.9.1-6.el7_2.2	RPM
libxml2-devel	2.9.1-6.el7_2.2	RPM
libXpm	3.5.11-3.el7	RPM
libXpm-devel	3.5.11-3.el7	RPM
libxslt	1.1.28-5.el7	RPM
libxslt-devel	1.1.28-5.el7	RPM
lsof	4.87-4.el7	RPM
lynx	2.8.8-0.3.dev15.el7	RPM
make	3.82-21.el7	RPM
nano	2.3.1-10.el7	RPM
ncurses	5.9-13.20130511.el7	RPM
ncurses-devel	5.9-13.20130511.el7	RPM
ncurses-libs	5.9-13.20130511.el7	RPM
net-tools	2.0-0.17.20131004git.el7	RPM
openssh	6.6.1p1-25.el7_2	RPM
openssh-clients	6.6.1p1-25.el7_2	RPM
openssh-server	6.6.1p1-25.el7_2	RPM
openssl	1.0.1e-51.el7_2.5	RPM
openssl-devel	1.0.1e-51.el7_2.5	RPM
openssl-libs	1.0.1e-51.el7_2.5	RPM
pam	1.1.8-12.el7_1.1	RPM
pam-devel	1.1.8-12.el7_1.1	RPM
pango	1.36.8-2.el7	RPM
passwd	0.79-4.el7	RPM
patch	2.7.1-8.el7	RPM
pcre	8.32-15.el7_2.1	RPM
perl	5.16.3-286.el7	RPM
pixman	0.32.6-3.el7	RPM
pkgconfig	0.27.1-4.el7	RPM
popt	1.13-16.el7	RPM

psmisc	22.20-9.el7	RPM
python	2.7.5-34.el7	RPM
python-devel	2.7.5-34.el7	RPM
python-docs	2.7.5-2.el7	RPM
python-setuptools	0.9.8-4.el7	RPM
python-tools	2.7.5-34.el7	RPM
quota	4.01-11.el7_2.1	RPM
quota-devel	4.01-11.el7_2.1	RPM
rcs	5.9.0-5.el7	RPM
rdate	1.4-25.el7	RPM
readline	6.2-9.el7	RPM
rsync	3.0.9-17.el7	RPM
screen	4.1.0-0.23.20120314git3c2946.el7_2	RPM
sed	4.2.2-5.el7	RPM
shadow-utils	4.1.5.1-18.el7	RPM
sharutils	4.13.3-8.el7	RPM
Smartmontools	6.2-4.el7	RPM
sqlite	3.7.17-8.el7	RPM
strace	4.8-11.el7	RPM
sysstat	10.1.5-7.el7	RPM
systemd	219-19.el7_2.9	RPM
tar	1.26-29.el7	RPM
tcl	8.5.13-8.el7	RPM
tclx	8.4.0-22.el7	RPM
tcp_wrappers-devel	7.6-77.el7	RPM
tix	8.4.3-12.el7	RPM
tk	8.5.13-6.el7	RPM
tkinter	2.7.5-34.el7	RPM
traceroute	2.0.19-5.el7	RPM
unzip	6.0-15.el7	RPM
urw-fonts	2.4-16.el7	RPM
wget	1.14-10.el7_0.1	RPM
which	2.20-7.el7	RPM
xz	5.1.2-12alpha.el7	RPM
xz-libs	5.1.2-12alpha.el7	RPM
yum-utils	1.1.31-34.el7	RPM
zip	3.0-10.el7	RPM

zlib	1.2.7-15.el7	RPM
zlib-devel	1.2.7-15.el7	RPM
zsh	5.0.2-14.el7	RPM

Appendix B: New and modified API calls

Team: Loose Cannon

- `CustInfo::contactemails` — This function now includes the `username` parameter.
- `CustInfo::savecontactinfo` — This function now includes the `username` parameter.

Modified UAPI calls

Team: Cobra

- `Market::set_status_of_pending_queue_items` — We added the `error_type` return to the output.
- `Market::set_url_after_checkout` — We added the `error_type` return to the output.

Team: Phoenix

- `SiteTemplates::publish` — The function now creates a backup tarball of the target directory's contents before it generates the Site Publisher website.

New WHM API 1 calls

Team: Cobra

- `disable_autossl` — This function disables the AutoSSL feature.
- `expunge_mailbox_messages` — This function removes mail messages from a cPanel account that you select with a query.
- `get_all_contact_importances` — This function lists the importance of all application events in WHM's Contact Manager interface (Home >> Server Contacts >> Contact Manager).
- `get_autossl_check_schedule` — This function returns the cron entry for the certificate check.
- `get_autossl_log` — This function returns the contents of an AutoSSL log file.
- `get_autossl_logs_catalog` — This function lists the AutoSSL feature's log files.
- `get_autossl_providers` — This function lists available AutoSSL providers on the server.
- `get_application_contact_importance` — This function retrieves the importance of an application's events for WHM's Contact Manager interface (Home >> Server Contacts >> Contact Manager).
- `get_application_contact_event_importance` — This function retrieves the importance of an application event for WHM's Contact Manager interface (Home >> Server Contacts >> Contact Manager).
- `get_mailbox_status` — This function lists the status of a cPanel's mail account's mailboxes.
- `get_service_config` — This function returns a service's configuration settings.
- `get_service_config_key` — This function returns a specific configuration key for a service.
- `get_users_features_settings` — This function lists the features settings of cPanel accounts.
- `reset_autossl_provider` — This function resets a property of an AutoSSL provider.
- `set_autossl_provider` — This function sets the provider that the AutoSSL feature uses.
- `set_application_contact_importance` — This function sets the importance of an application's events for WHM's Contact Manager interface (Home >> Server Contacts >> Contact Manager).
- `set_application_contact_event_importance` — This function sets the importance of an application event for WHM's Contact Manager interface (Home >> Server Contacts >> Contact Manager).
- `set_provider_display_configurations` — This function sets the display configuration for the login button of an external authentication identity provider.
- `set_service_config_key` — This function sets the value for a service's configuration key.
- `start_autossl_check_for_all_users` — This function starts an AutoSSL certificate check in the background for all cPanel users that have the feature enabled.
- `start_autossl_check_for_one_user` — This function starts an AutoSSL certificate check in the background for a cPanel user.
- `verify_new_username` — This function checks for username conflicts during account creation.
- `verify_new_username_for_restore` — This function checks for username conflicts during account restoration.

Team: Spider-Pig

- `convert_addon_fetch_conversion_details` — This function returns the details of the convert addon domain to account process.
- `convert_addon_list_conversions` — This function returns a list of addon domains converted into cPanel accounts.
- `convert_addon_get_conversion_status` — This function returns the status of the convert addon domain to account process for specified conversion jobs.
- `untrack_acct_id` — This function removes a user identification number (UID) or group identification number (GID) from the tracked ID list.