

11.48 Release Notes

For cPanel & WHM 11.48

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Upgrade blockers

Staging Directory

Version 11.48.2.1 introduces the Staging Directory. The system notifies you if there is insufficient space available to complete the upgrade and allows you to select a new location for the Staging Directory.

New features

MariaDB® support

In cPanel & WHM version 11.48, we now support MariaDB 10.0. If you have MariaDB installed instead of MySQL®, MySQL interfaces and API calls will manage MariaDB, its databases, and its users. However, most user interfaces will continue to display the text "MySQL" instead of "MariaDB." As we phase out MySQL, we will update the user interfaces to display "MariaDB."

Warning:

- Your cPanel & WHM server **must** use the CentOS 6 or newer operating system to upgrade the database server from MySQL to MariaDB. You **cannot** upgrade to MariaDB on a server that uses CentOS 5.
- We **strongly** recommend that you back up your database before you upgrade your database or change to MariaDB.
- The system considers MariaDB to be an upgrade to MySQL. If you change to MariaDB, you **cannot** change back to MySQL.

Note:

Both `pre` and `post` Standardized Hooks run for major and minor MySQL upgrades. However, the system does not run [Standardized Hooks](#) for MariaDB for minor version updates because `yum` manages minor version changes.

For more information, read our [MySQL/MariaDB Upgrade](#) documentation.

AutoConfig for iOS

In cPanel & WHM version 11.48, we have added support for iOS devices (iPhone, iPad, and iPhone) to AutoConfig.

Note:

You may see an unsigned certificate warning on your iOS device when you use this option. It is safe to accept the configuration file.

For more information, read our [AutoConfig and Autodiscover](#) documentation.

Restricted Restore

In cPanel & WHM version 11.48, we have added *Restricted Restore* functionality to restoration API calls and the following interfaces:

- [Transfer Tool](#) (Home >> Transfers >> Transfer Tool)
- [Copy an Account from Another Server with Account Password](#) (Home >> Transfers >> Copy an Account From Another Server with Account Password)
- [Restore a Full Backup cpmove File](#) (Home >> Backup >> Restore a Full Backup/cpmove File)
- [Restore Package Script](#)

The *Restricted Restore* feature performs additional security checks on the backup file in order to mitigate the risk of transfers from unfamiliar sources. If a component of the backup file has an issue (for instance, a MySQL grant table is compromised or a symbolic link attack), the system will not restore that portion of the backup and will add a warning to the log file.

If you do not trust the source of the account backup with `root` access to your server, use the *Restricted Restore* feature to protect your server.

Warning:

- The *Restricted Restore* feature is **EXPERIMENTAL**. Do not consider it to be an effective security control at this time. The behavior of this feature may change in a future release of cPanel & WHM. Exercise extreme caution when you use this feature.
- If you wish to use *Restricted Restore* to restore an account that owns PostgreSQL databases, the target server **must** use PostgreSQL version 8.4 or newer.
- The *Restricted Restore* feature will only allow restored accounts to use `noshell` or `jailshell`. If the restored account uses another shell, the system will do the following:
 - **cPanel & WHM version 11.48.1 or later** — Sets the account to use `jailshell`.
 - **cPanel & WHM version 11.48 or earlier** — Sets the account to use `noshell`. For more information, read our [VirtFS \(Jailed Shell\)](#) documentation.

New scripts

The `/bin/view_transfer` script checks the status of and monitors transfer sessions.

Added support for Mail SNI integration

For systems that support SNI, you can now enable SNI for a domain during SSL installation. You can also enable or disable SNI for domains that have SSL certificates already installed.

Increased default size and maximum size for mail quotas

We have increased the default email quota – which is available in cPanel's *Email Accounts* interface (*Home >> Mail >> Email Accounts*) – to 1,024 MB. The maximum value is 2,048 MB for 32-bit systems and 4 TB for 64-bit systems.

OWASP Rules for ModSecurity™

In cPanel & WHM version 11.48, we now distribute the OWASP ModSecurity Core Rule Set (CRS). The OWASP ModSecurity CRS is a set of rules for use with the ModSecurity Apache module to help protect your web server from malicious traffic. Through the guidance of OWASP, cPanel now distributes a curated set of these rules. You can install and manage these rules with the WHM ModSecurity applications. For more information about the OWASP ModSecurity CRS, that includes installation pre-requisites and instructions, read our [OWASP ModSecurity CRS](#) documentation.

ModSecurity Vendors

In cPanel & WHM version 11.48, we now provide the ability to add ModSecurity rule sets with the *ModSecurity Vendors* interface (*Home >> Security Center >> ModSecurity Vendors*). In addition, we have provided the ability to create custom ModSecurity vendors. For more information about how to create a ModSecurity vendor, read our [How to Create a ModSecurity Vendor](#) documentation.

New binary hostname update utility

cPanel & WHM version 11.48 introduces the `/usr/local/cpanel/bin/set_hostname` utility. Run this utility as the `root` user to change the server's hostname and automatically perform all of the necessary system updates. This utility is useful if you wish to change the server's hostname during a process that requires you to call the binary (for example, automated cloning processes).

For more information, read our [The set_hostname Utility](#) documentation.

System improvements

Transfer System uses rsync

In cPanel & WHM version 11.48, the transfer and restore system now uses `rsync` to copy files from the source server to the destination server.

Apache SpamAssassin now filters forwarded mail

In cPanel & WHM version 11.48, we have added two options to the *Exim Configuration Manager* interface (*Home >> Service Configuration >> Exim Configuration Manager*).

- Do not forward email to external recipients if it matches or exceeds the Apache SpamAssassin™ internal spam_score setting.
- Do not forward email to external recipients based on the defined Apache SpamAssassin™ score.

These two options allow you to prevent spam from being forwarded to external recipients.

Restore package script incorporated into new transfer and restore system

In cPanel & WHM version 11.48, the restore package script (`/scripts/restorepkg`) is now a part of the new transfer and restore system.

The package script now performs the following steps:

1. Adds the package to the `AccountLocal` queue.
2. Starts the restoration process.
3. Tails the log file after the restoration process for the account begins.

For more information about the restore package script, read our [Restore Package Script](#) and [Transfer Tool](#) documentation.

Updated Apache memory usage limitations

You can now enter a value for the Apache `RLimitsMEM`, and optionally restart Apache.

cPHulk improvements

In cPanel & WHM version 11.48, cPHulk uses fewer MySQL queries in order to improve performance and stability. You can also now add and edit comments on whitelist and blacklist entries to help you manage those entries.

Furthermore, cPHulk will **not** consider a user at an IP address who uses the same username and password combination repeatedly to be a brute force attacker. This often happens when a user has not yet updated their email password on a handheld device.

New cPHulk settings

In cPanel & WHM version 11.48, we have added the following new settings to cPHulk:

- *The lookback period for counting failed logins against a user*
- *Command to run when an IP triggers brute force protection*
- *Command to run when an IP is blocked for a one day period*
- *Block IPs that trigger brute force protection at the firewall level*
- *Block IPs that match the criteria for a one day block at the firewall level*

Note:

The *Block IPs that trigger brute force protection at the firewall level* and *Block IPs that match the criteria for a one-day block at the firewall level* options are **not** available on Virtuozzo.

For more information about these new settings, read our [cPHulk Brute Force Protection](#) documentation.

Improved Login/Brute History Report for CPHulk

We have expanded the *Login/Brute History Report* tab in WHM's *cPHulk Brute Force Protection* interface (*Home > Security Center > cPHulk Brute Force Protection*) to include the following four tables:

- *Failed Logins*
- *Blocked Users*
- *Blocked IP Addresses*
- *Blocked IP Addresses with Excessive Login Failures*

We have also expanded the columns within each table to show the time that remains in the lockout or block period.

Improved UI for cPHulk

We redesigned the user interface for cPHulk to improve navigation and functionality. The tables for whitelist and blacklist entries now include comments and the ability to sort. You can also add your IP address to the whitelist by clicking the button on the warning notification.

ModSecurity Reports

In cPanel & WHM version 11.48, we have added the ability to report a issue with a vendor provided ModSecurity rule in the *ModSecurity Tools* int

erface ([Home >> Security Center >> ModSecurity Tools](#)).

Notification centralization

In cPanel & WHM version 11.48, we have moved management of cPanel & WHM contact address changes and notification settings changes to the iContact module. The system logs the changes in the `/var/cpanel/user_notifications/username` file, where `username` represents the cPanel account name. This provides better performance and consistent contact management.

Notification settings alert via email

In cPanel & WHM version 11.48, the system has the ability to notify a user when their cPanel notification settings are disabled or their contact addresses change.

Note:

If the user has modified their IP address, the IP address in the notification email may not be accurate.

Login notification

In cPanel & WHM version 11.48, users may request a notification when someone authenticates to any service that uses cPanel & WHM's authentication scheme. The system will also notify users when the notification settings change.

In order to prevent unnecessary messages, the system will halt notifications for 24 hours after a successful login for a specific service, user, and IP address combination.

Note:

ProFTP does **not** currently use the cPanel & WHM authentication scheme.

Finally, we have improved the appearance of cPanel notification emails in the [Contact Information & Preferences](#) interface ([Home >> Preferences >> Contact Information & Preferences](#)).

ChkSrvd added to Contact Manager

In cPanel & WHM version 11.48, we have added the *Service interruptions* option to the [Contact Manager](#) interface ([Home >> Server Contacts >> Contact Manager](#)). This allows you to customize the notifications that your server sends when a service fails, restarts, or times out.

Paper Lantern

The Paper Lantern theme is still in development in cPanel & WHM version 11.48. Eventually, Paper Lantern will become the default theme for cPanel.

Customize Paper Lantern interface improvements

In cPanel & WHM version 11.48, you can view the favicon and logo that you previously uploaded in WHM's [Customize Paper Lantern](#) interface ([Home >> cPanel >> Customize Paper Lantern](#)). You can also delete and upload new items in this interface.

Webmail interface improvements

In cPanel & WHM version 11.48, we restyled the Webmail interface to match the Paper Lantern theme. For more information, read our [Webmail documentation](#).

Retro Style for Paper Lantern

Paper Lantern now ships with the *Retro* style. To change your interface to the *Retro* style, navigate to cPanel's [Change Style](#) interface ([Home >> User Settings >> Change Style](#)).

Plugin File Generator improvements

In cPanel & WHM version 11.48, WHM's [cPanel Plugin File Generator](#) interface (*Home >> Development >> cPanel Plugin File Generator*) is now compatible with the Paper Lantern theme. This interface generates an installation file for a cPanel plugin. The plugin file that you generate can contain one or more items.

Authentication improvements

In cPanel & WHM version 11.48, passwords and passphrases throughout cPanel and WHM may now contain spaces. Also, the system rejects any leading and trailing spaces in passphrases during GPG key creation.

Finally, GPG keys that you create without passphrases through the `Gpg::genkey()` function in cPanel API 1 now process correctly.

Note:

The cPanel interface requires that GPG keys contain passphrases.

Backup restoration logs

In cPanel & WHM version 11.48, we have changed the *Backup Restoration* feature so that it uses the restoration functionality in the new Transfer and Restore system.

We have also added the *View Log* option to WHM's *Backup Restoration* interface (*Home >> Backups >> Backup Restoration*).

Improved Mail Delivery Reports (eximstats) performance

In cPanel & WHM version 11.48, we have improved the performance and speed of WHM's *Mail Delivery Reports* interface (*Home >> Email >> Mail Delivery Reports*).

Verbose flag for the `/etc/init/startcpsrvd` script

In previous versions of cPanel & WHM, the `/etc/init/startcpsrvd` script was verbose by default.

In cPanel & WHM version 11.48 and later, you **must** explicitly include the `--verbose` flag when you run the script in order to receive verbose output.

Improved IPv6 validation and formatting

cPanel & WHM now provides compliant IPv6 address validation in WHM's *Advanced DNS Zone Editor* interface (*Home >> Domains >> Advanced DNS Zone Editor*). We also now reformat AAAA records to their most compact representation.

Updated `cpsrvd` daemon

We have updated the `cpsrvd` daemon to log `X-Forward-For` header data in the access log.

BASH history timestamps

New installations of cPanel & WHM version 11.48 include timestamps in the BASH history.

Updated bandwidth notification emails

We have updated the email notification that the system sends when a user reaches a bandwidth limit threshold. These emails now include predictive warnings that indicate when the user will exceed the account's bandwidth limits.

Rebuilt RPMs

We have rebuilt the following cPanel-provided RPMs:

- `courier-authlib`
- `courier-imap`
- `cpanel-angular-ui-bootstrap`
- `dovecot`
- `exim`

- MySQL50
- MySQL51
- MySQL55
- MySQL56
- compat-MySQL50-shared
- compat-MySQL51-shared

For more information about cPanel RPMs, read [The rpm.versions System](#) documentation.

For a list of cPanel-provided third-party software, read our [Third-Party Software](#) documentation.

RPM installation conflict

In cPanel & WHM version 11.48, due to a conflict with the Exim RPM, you **cannot** install the following RPMs:

- postfix
- sendmail
- sendmail-cf

Updates to default monitored services

New cPanel & WHM installations will now monitor the following services by default:

- cpanellogd
- queueprocd
- cpsrzd
- cpdavd
- crond
- exim
- httpd
- ipaliases
- mysql
- pop
- rsyslogd
- spamd
- sshd

New cPanel DNSONLY installations will now monitor the following services by default:

- cpsrzd
- crond
- mysql
- named
- queueprocd
- sshd

WHM users can view a list of monitored services in WHM's [Service Status](#) interface (*Home >> Server Status >> Service Status*).

Dovecot compression

In cPanel & WHM version 11.48, Dovecot now uses the COMPRESS extension to IMAP to make IMAP connections more efficient. For more information about IMAP compression, read IETF's [IMAP COMPRESS extension](#) article.

New cpanel.config variables

Initial defaults for the following variables now exist in the `/var/cpanel/cpanel.config` file:

- skipchksservd
- skipcpbandwd
- skipeximstats
- skipjailmanager
- skipmailauthoptimizer
- skipmodseclog
- skiptailwatchd

All of these variables default to 0.

For more information, read our [The cpanel.config File](#) documentation.

Refactored restartsrv_* scripts

We have refactored cPanel & WHM's `/usr/local/cpanel/scripts/restartsrv_*` scripts to provide better coverage to start and stop services. For more information, read our [WHM Scripts](#) documentation.

In addition, the following scripts now include improved output:

- `/usr/local/cpanel/scripts/restartsrv_imap`
- `/usr/local/cpanel/scripts/restartsrv_cpssrpd`
- `/usr/local/cpanel/scripts/restartsrv_mailserver`
- `/usr/local/cpanel/scripts/restartsrv_exim`
- `/usr/local/cpanel/scripts/restartsrv_courier`
- `/usr/local/cpanel/scripts/restartsrv_dovecot`
- `/usr/local/cpanel/scripts/restartsrv_mysql`

Additional notes for third-party developers

If your custom applications use a `/usr/local/cpanel/scripts/restartsrv_*` script, you may need to update and test your code.

- These scripts are now more robust, and may return errors more visibly than in previous versions of cPanel & WHM.
- Update any custom code that touches a restartsrv-managed service to use the appropriate `/usr/local/cpanel/scripts/restartsrv_*` scripts. Custom code should **not** call scripts in the `/etc/init.d/` directory.

For help to update your custom code, contact integrations@cpanel.net.

API column sorting

In cPanel & WHM version 11.48, we have added column selection and sorting to UAPI, WHM API 1 and cPanel API 2. This allows you to return only the data you need, which reduces system load and increases performance.

For more information, read the following documentation:

- [Guide to UAPI](#)
- [Guide to UAPI](#)
- [Guide to WHM API 1](#)

Deprecated and removed items

Deprecated Tweak Setting

In cPanel & WHM version 11.48, we have removed the legacy *Use safe quotas* setting from the *System* section of WHM's *Tweak Settings* interface (*Home* >> *Server Configuration* >> *Tweak Settings*). cPanel & WHM no longer supports older versions of Virtuozzo and the Linux 2.4 kernels that required that setting.

Removed VPS support

In cPanel & WHM version 11.48, we removed support for the User Mode Linux, FreeVPS, and ServeXchange Virtual Private Server environments.

Removed `Cpanel::Config::SaveCpUserFile` module

In cPanel & WHM version 11.48, we removed the `Cpanel::Config::SaveCpUserFile` module in favor of the `Cpanel::Config::CpUserGuard` module, which avoids [race conditions](#). You can **no longer** use the `Cpanel::Config::SaveCpUserFile` module.

Logaholic removals

The integrated Logaholic application is no longer available in cPanel & WHM. During the upgrade to cPanel & WHM version 11.48, the system automatically removes the integrated Logaholic application from the server. This removal will **not** affect any Logaholic user data.

Because of these changes, cPanel's *Logaholic* interface (*Home* >> *Logs* >> *Logaholic*) is no longer available.

For more information, view the [Logaholic Web Analytics](#) website.

Removed scripts

We have removed the following scripts:

- /scripts/installssl
- /bin/installssl

To install SSL certificates, use one of the following methods:

- The WHM API 1 `installssl` function.
- The UAPI `SSL::install_ssl` function.
- WHM's *Install an SSL Certificate on a Domain* interface (*Home >> SSL/TLS >> Install an SSL Certificate on a Domain*).
- cPanel's *Activate and Manage SSL on Your Website (HTTPS)* interface (*Home >> Security >> SSL/TLS Manager >> Manage SSL Hosts*).

Appendix A: Provided third-party applications

cPanel & WHM version 11.48 includes the following third-party applications:

Third-party application	Version	Source
all_locales	1.4.18-20090526	src/3rdparty/gpl
analog	6.0	RPM
AngularJS	1.2.14	RPM
AngularJS for Bootstrap	0.11.2	RPM
AngularUI	0.1.1	RPM
AWStats	7.3	RPM
Bandmin	1.6.1	RPM
Bootstrap	3.1.1	RPM
Bootstrap RTL	0.9.16	RPM
Cairo	1.8.10	RPM
Cairo	1.6.4	src/3rdparty/gpl
cgiemail	1.6	RPM
Chosen	1.1.0	RPM
CKEditor	4.2.1	RPM
ClamAV	0.98.4	RPM
Courier Authentication Library	0.66.1	RPM
Courier-IMAP	4.15	RPM
cPanel Common Licenses RPM	1.0.0	RPM
Dovecot	2.2.13	RPM
elFinder	2.0.rc1	RPM
Exim	4.84	RPM
FontAwesome	4.0.3	RPM
Fontconfig	2.8.0	RPM
FreeType	2.4.10	RPM
FreeType	2.4.9	src/3rdparty/gpl

Git	2.2.0	RPM
GLib	2.22.5	RPM
GLib	2.20.0	src/3rdparty/gpl
GSI-SSHTerm	0.91h	src/3rdparty/gpl
HTML Tidy	1.0	RPM
ImageMagick®	6.9.0	RPM
IMAP	2007f	RPM
jQuery	1.10.2	RPM
jQuery 1.7.2	1.7.2	RPM
jQuery UI	1.8.18	RPM
jQuery UI Themes	1.8.18	RPM
Libmccrypt	2.5.8	RPM
libspf2	1.2.10	RPM
libsrs_alt SRS library	1.0	RPM
libxml2	2.9.1	RPM
Mailman	2.1.18-1	src/3rdparty/gpl
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	5.5.40	RPM
MySQL® 5.6	5.6.22	RPM
NSD	3.2.17	RPM
Open Sans	1.0	RPM
Pango	1.28.0	RPM
PCRE (Perl Compatible Regular Expressions) Library	8.36	RPM
phpMyAdmin	4.0.10.7	src/3rdparty/gpl
phpPgAdmin	5.1	src/3rdparty/gpl
phpPgAdmin	5.0.4	src/3rdparty/gpl
PigZ	2.3.1	RPM
Pixman	0.24.2	RPM
PostgreSQL	9.0.8	RPM
ProFTPd	1.3.5	RPM
Pure-FTP	1.0.36	RPM

PuttyGen	0.63	RPM
Rack	1.1.6	src/3rdparty/ruby/gems
re2c	0.13.7.4	RPM
RequireJS	2.1.14	RPM
Roundcube Webmail	1.0.3	src/3rdparty/gpl
rpm_is_working	1.0	RPM
RRDs	v1.4.7	RPM
rrdtool	1.4.7	RPM
Smartmontools	5.37	src/3rdparty/gpl
splitlogs	1.0	RPM
SquirrelMail Config	14346	src/3rdparty/gpl
SquirrelMail Decoding Library	1.2	src/3rdparty/gpl
SquirrelMail Webmail	14346	src/3rdparty/gpl
Underscore.js	1.6.0	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	2.0.3	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	5.1.4	RPM
Horde_Alarm	2.0.4	RPM
Horde_Argv	2.0.7	RPM
Horde_Auth	2.1.0	RPM
Horde_Autoloader	2.0.1	RPM
Horde_Browser	2.0.4	RPM
Horde_Cache	2.2.1	RPM
Horde_Cli	2.0.4	RPM
Horde_Compress	2.0.4	RPM
Horde_Compress_Fast	1.0.2	RPM
Horde_Constraint	2.0.1	RPM
Horde_Controller	2.0.1	RPM
Horde_Core	2.8.0	RPM

Horde_Crypt	2.2.2	RPM
Horde_Crypt_Blowfish	1.0.2	RPM
Horde_Css_Parser	1.0.1	RPM
Horde_Data	2.0.4	RPM
Horde_Date	2.0.6	RPM
Horde_Date_Parser	2.0.2	RPM
Horde_Dav	1.0.2	RPM
Horde_Db	2.0.4	RPM
Horde_Editor	2.0.3	RPM
Horde_ElasticSearch	1.0.2	RPM
Horde_Exception	2.0.4	RPM
Horde_Feed	2.0.1	RPM
Horde_Form	2.0.5	RPM
Horde_Group	2.0.2	RPM
Horde_HashTable	1.1.0	RPM
Horde_History	2.2.0	RPM
Horde_Http	2.0.4	RPM
Horde_Icalendar	2.0.7	RPM
Horde_Image	2.0.5	RPM
Horde_Imap_Client	2.15.3	RPM
Horde_Imsp	2.0.5	RPM
Horde_Injector	2.0.2	RPM
Horde_Itip	2.0.5	RPM
Horde_Kolab_Format	2.0.4	RPM
Horde_Kolab_Session	2.0.1	RPM
Horde_ListHeaders	1.0.1	RPM
Horde_Lock	2.1.0	RPM
Horde_Log	2.0.1	RPM
Horde_LoginTasks	2.0.2	RPM
horde_lz4	1.0.2	RPM
Horde_Mail	2.1.1	RPM
Horde_Mime	2.2.5	RPM
Horde_Mime_Viewer	2.0.5	RPM
Horde_Nls	2.0.3	RPM
Horde_Notification	2.0.1	RPM
Horde_Oauth	2.0.1	RPM
Horde_Pdf	2.0.3	RPM

Horde_Perms	2.1.1	RPM
Horde_Prefs	2.5.0	RPM
Horde_Queue	1.1.1	RPM
Horde_Rdo	2.0.2	RPM
Horde_Role	1.0.1	RPM
Horde_Routes	2.0.2	RPM
Horde_Rpc	2.1.0	RPM
Horde_Secret	2.0.2	RPM
Horde_Serialize	2.0.2	RPM
Horde_Service_Facebook	2.0.5	RPM
Horde_Service_Twitter	2.1.1	RPM
Horde_SessionHandler	2.2.3	RPM
Horde_Share	2.0.4	RPM
Horde_Smtp	1.2.3	RPM
Horde_SpellChecker	2.1.0	RPM
Horde_Stream	1.3.0	RPM
Horde_Stream_Filter	2.0.2	RPM
Horde_Stream_Wrapper	2.0.1	RPM
Horde_Support	2.1.1	RPM
Horde_SyncMl	2.0.3	RPM
Horde_Template	2.0.1	RPM
Horde_Text_Diff	2.0.2	RPM
Horde_Text_Filter	2.1.3	RPM
Horde_Text_Flowed	2.0.1	RPM
Horde_Timezone	1.0.3	RPM
Horde-Token	2.0.4	RPM
Horde_Translation	2.0.1	RPM
Horde_Tree	2.0.2	RPM
Horde_Url	2.2.1	RPM
Horde_Util	2.3.0	RPM
Horde_Vfs	2.1.1	RPM
Horde_View	2.0.3	RPM
Horde_Xml_Element	2.0.1	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	6.1.4	RPM
ingo	3.1.2	RPM
ionCube Loader	4.5.2	RPM
Kronolith	4.1.3	RPM
Log	1.12.7	RPM
Mail	1.2.0	RPM
Mail_Mime	1.8.3	RPM
MDB2	2.4.1	RPM
Mnemo	4.1.1	RPM
nag	4.1.2	RPM
Net_DNS2	1.3.1	RPM
Net_FTP	1.3.7	RPM
Net_IMAP	1.1.2	RPM
Net_Sieve	1.3.2	RPM
Net_SMTP	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
PHP 5.4	5.4.23	RPM
Services_Weather	1.4.7	RPM
SOAP	0.13.0	RPM
SourceGuardian PHP Encoder	8.3	RPM
Text_Figlet	1.0.2	RPM
timeobjects	2.0.4	RPM
trean	1.0.3	RPM
turba	4.1.2	RPM
webmail	5.1.1	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	6.0.0	RPM

Perl Modules

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Third-party application	Version	Source
ack	2.12	RPM
Acme::Bleach	1.150	RPM
Acme::Damn	0.05	RPM
Acme::Spork	v0.0.8	RPM
Algorithm::C3	0.09	RPM
Algorithm::Diff	1.1902	RPM
aliased	0.31	RPM
Amazon::S3	0.45	RPM
Any::Moose	0.21	RPM
Apache SpamAssassin™	3.004000	RPM
Apache::LogFormat::Compiler	0.30	RPM
App::Cmd	0.323	RPM
App::CmdDispatch	0.41	RPM
App::Nopaste	0.96	RPM
AppConfig	1.66	RPM
Archive::Any	0.0941	RPM
Archive::Extract	0.72	RPM
Archive::Tar::Builder	1.9	RPM
Archive::Tar::Streamed	0.03	RPM
Archive::Tar	1.96	RPM
Archive::Zip	1.37	RPM
Attribute::Handlers	0.96	RPM
Authen::Libwrap	0.22	RPM
Authen::SASL	2.16	RPM
autobox	2.82	RPM
autodie	2.23	RPM
AutoLoader	5.74	RPM
autouse	1.07	RPM
B::C	1.47_03	RPM
B::Debug	1.19	RPM
B::Flags	0.10	RPM
B::Hooks::EndOfScope	0.13	RPM
B::Hooks::OP::Check	0.19	RPM

B::Keywords	1.13	RPM
B::Lint	1.17	RPM
B::Utils	0.21	RPM
bareword::filehandles	0.003	RPM
base	2.18	RPM
bignum	0.37	RPM
Browser::Open	0.04	RPM
BSD::Resource	1.2907	RPM
Business::ISBN::Data	20120719.001	RPM
Business::ISBN	2.07	RPM
Business::OnlinePayment::AuthorizeNet	3.22	RPM
Business::OnlinePayment	3.02	RPM
Business::UPS	2.01	RPM
Cache::Cache	1.06	RPM
Cache::FastMmap	1.40	RPM
Cache::Memcached::GetParserXS	0.01	RPM
Cache::Memcached	1.30	RPM
Capture::Tiny	0.24	RPM
Carp::Always	0.13	RPM
Carp::Clan	6.04	RPM
Carp	1.33	RPM
Catalyst::Action::RenderView	0.16	RPM
Catalyst::Action::REST	1.14	RPM
Catalyst::ActionRole::ACL	0.07	RPM
Catalyst::Authentication::Store::DBIx::Class	0.1506	RPM
Catalyst::Component::InstancePerContext	0.001001	RPM
Catalyst::Controller::ActionRole	0.15	RPM
Catalyst::Devel	1.39	RPM
Catalyst::Log::Log4perl	1.06	RPM
Catalyst::Model::DBIC::Schema	0.62	RPM
Catalyst::Plugin::Authentication	0.10023	RPM
Catalyst::Plugin::Authorization::Roles	0.09	RPM
Catalyst::Plugin::AutoCRUD	2.131210	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	0.39	RPM
Catalyst::Plugin::StackTrace	0.12	RPM
Catalyst::Plugin::Static::Simple	0.31	RPM
Catalyst::Plugin::UploadProgress	0.06	RPM
Catalyst::Runtime	5.90061	RPM
Catalyst::TraitFor::Request::BrowserDetect	0.02	RPM
Catalyst::View::JSON	0.33	RPM
Catalyst::View::TT	0.41	RPM
CatalystX::Component::Traits	0.19	RPM
CatalystX::RoleApplicator	0.005	RPM
CDB_File	0.97	RPM
CGI.pm	3.65	RPM
CGI::Session	4.48	RPM
CGI::Simple	1.113	RPM
CGI::Struct	1.21	RPM
Class::Accessor::Chained	0.01	RPM
Class::Accessor::Grouped	0.10010	RPM
Class::Accessor	0.34	RPM
Class::Base	0.05	RPM
Class::C3::Adopt::NEXT	0.13	RPM
Class::C3::Componentised	1.001000	RPM
Class::C3	0.26	RPM
Class::Data::Inheritable	0.08	RPM
Class::ErrorHandler	0.03	RPM
Class::Factory::Util	1.7	RPM
Class::Inner	0.200001	RPM
Class::Inspector	1.28	RPM

Class::Load::XS	0.08	RPM
Class::Load	0.21	RPM
Class::Loader	2.03	RPM
Class::Method::Modifiers	2.10	RPM
Class::Singleton	1.4	RPM
Class::Std::Utils	v0.0.3	RPM
Class::Std	0.011	RPM
Class::Tiny	0.014	RPM
Class::Unload	0.08	RPM
Class::XSAccessor	1.19	RPM
Clipboard	0.13	RPM
Clone	0.36	RPM
common::sense	3.72	RPM
Compress::Bzip2	2.17	RPM
Compress::Raw::Bzip2	2.064	RPM
Compress::Raw::Zlib	2.065	RPM
Config::Any	0.24	RPM
Config::Crontab	1.40	RPM
Config::General	2.52	RPM
Config::GitLike	1.12	RPM
Config::INI	0.023	RPM
Config::MVP::Reader::INI	2.101462	RPM
Config::MVP	2.200007	RPM
Config::Simple	4.58	RPM
Config::Tiny	2.20	RPM
constant	1.27	RPM
Context::Preserve	0.01	RPM
Convert::ASCII::Armour	1.4	RPM
Convert::ASN1	0.26	RPM
Convert::BinHex	1.123	RPM
Convert::PEM	0.08	RPM
Convert::TNEF	0.18	RPM
CPAN::DistnameInfo	0.12	RPM
CPAN::Meta::Check	0.008	RPM

CPAN::Meta::Requirements	2.125	RPM
CPAN::Meta::YAML	0.012	RPM
CPAN::Meta	2.140640	RPM
CPAN::SQLite	0.203	RPM
CPAN::Uploader	0.103006	RPM
CPAN	2.00	RPM
Cpanel::Class	v1.0.6	RPM
Cpanel::Cleanup	0.4	RPM
Cpanel::FastMath	0.3	RPM
Cpanel::JSON::XS	2.3404	RPM
cPanel::MemTest	0.3	RPM
Cpanel::Optimizer	0.1	RPM
Cpanel::OS	0.6	RPM
Cpanel::POSIX::Tiny	1.1	RPM
cPanel::SyncUtil	0.7	RPM
cPanel::TaskQueue	0.750	RPM
Cpanel::UniqId	0.2	RPM
CPANPLUS::Dist::Build	0.76	RPM
CPANPLUS	0.9148	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::GPG	1.63	RPM
Crypt::IDEA	1.10	RPM
Crypt::OpenPGP	1.06	RPM
Crypt::OpenSSL::Bignum	0.04	RPM
Crypt::OpenSSL::DSA	0.14	RPM
Crypt::OpenSSL::Random	0.04	RPM
Crypt::OpenSSL::RSA	0.28	RPM
Crypt::Passwd::XS	0.601	RPM
Crypt::Primes	0.50	RPM

Crypt::Random	1.25	RPM
Crypt::RC4	2.02	RPM
Crypt::Rijndael	1.12	RPM
Crypt::RIPEMD160	0.05	RPM
Crypt::RSA	1.97	RPM
Crypt::SSLeay	0.64	RPM
Crypt::Twofish	2.17	RPM
CSS::SpriteMaker	0.14	RPM
Curses::UI	0.9609	RPM
Curses	1.28	RPM
Danga::Socket	1.61	RPM
Data::Buffer	0.04	RPM
Data::Compare	1.23	RPM
Data::Dump::Streamer	2.37	RPM
Data::Dump	1.22	RPM
Data::Dumper::Concise	2.022	RPM
Data::Dumper	2.151	RPM
Data::MessagePack	0.48	RPM
Data::OptList	0.109	RPM
Data::Page	2.02	RPM
Data::Section	0.200006	RPM
Data::Serializer	0.60	RPM
Data::UUID	1.219	RPM
Data::Visitor	0.30	RPM
Date::Simple	3.03	RPM
DateTime::Format::Builder	0.81	RPM
DateTime::Format::Pg	0.16009	RPM
DateTime::Format::Strptime	1.54	RPM
DateTime::Locale	0.45	RPM
DateTime::TimeZone	1.65	RPM
DateTime	1.08	RPM
DB_File	1.831	RPM
DBD::Mock	1.45	RPM
DBD::mysql	4.027	RPM

DBD::Pg	3.0.0	RPM
DBD::PgPP	0.08	RPM
DBD::SQLite2	0.36	RPM
DBD::SQLite	1.42	RPM
DBI	1.631	RPM
DBIx::Class::Schema::Loader	0.07039	RPM
DBIx::Class	0.08270	RPM
DBIx::MyParsePP	0.50	RPM
Devel::Caller	2.06	RPM
Devel::Cover	1.09	RPM
Devel::FindPerl	0.012	RPM
Devel::GlobalDestruction	0.12	RPM
Devel::Hide	0.0009	RPM
Devel::LexAlias	0.05	RPM
Devel::NYTProf	5.06	RPM
Devel::PPPort	3.22	RPM
Devel::REPL	1.003025	RPM
Devel::SelfStubber	1.05	RPM
Devel::Size	0.79	RPM
Devel::StackTrace::AsHTML	0.14	RPM
Devel::StackTrace	1.31	RPM
Devel::Syndump	2.11	RPM
Diff::LibXDiff	0.05	RPM
Digest::BubbleBabble	0.02	RPM
Digest::HMAC	1.03	RPM
Digest::MD2	2.03	RPM
Digest::MD5::File	0.08	RPM
Digest::MD5	2.53	RPM
Digest::Perl::MD5	1.9	RPM
Digest::SHA1	2.13	RPM
Digest::SHA	5.88	RPM
Digest	1.17	RPM
Dist::CheckConflicts	0.11	RPM
Dist::Zilla::Plugin::Config::Git	0.92	RPM

Dist::Zilla::Plugin::Git	2.020	RPM
Dist::Zilla::Plugin::GitHub	0.36	RPM
Dist::Zilla::Plugin::Repository	0.20	RPM
Dist::Zilla	5.015	RPM
dualcore-meta	5.14.4	RPM
Dumpvalue	1.17	RPM
Email::Address	1.901	RPM
Email::Date::Format	1.004	RPM
Email::MessageID	1.404	RPM
Email::MIME::ContentType	1.017	RPM
Email::MIME::Encodings	1.315	RPM
Email::MIME	1.926	RPM
Email::Simple	2.203	RPM
Email::Valid	1.193	RPM
Encode::Detect	1.01	RPM
Encode::Locale	1.03	RPM
Encode	2.62	RPM
encoding::warnings	0.11	RPM
Env::Path	0.19	RPM
Env	1.04	RPM
Error	0.17022	RPM
Eval::Closure	0.11	RPM
Exception::Class	1.37	RPM
Expect	1.32	RPM
Exporter	5.68	RPM
ExtUtils::CBuilder	0.280216	RPM
ExtUtils::Command	1.18	RPM
ExtUtils::Config	0.007	RPM
ExtUtils::Constant	0.23	RPM
ExtUtils::Helpers	0.022	RPM
ExtUtils::Install	1.64	RPM
ExtUtils::InstallPaths	0.010	RPM
ExtUtils::MakeMaker	6.94	RPM
ExtUtils::Manifest	1.63	RPM

ExtUtils::ParseXS	3.24	RPM
FCGI	0.74	RPM
File::BaseDir	0.03	RPM
File::ChangeNotify	0.24	RPM
File::chdir	0.1008	RPM
File::CheckTree	4.42	RPM
File::Comments	0.08	RPM
File::Copy::Recursive	0.38	RPM
File::DesktopEntry	0.08	RPM
File::Fetch	0.48	RPM
File::Find::Rule::Filesys::Virtual	1.22	RPM
File::Find::Rule::Perl	1.13	RPM
File::Find::Rule	0.33	RPM
File::HomeDir	1.00	RPM
File::Listing	6.04	RPM
File::MimeInfo	0.25	RPM
File::MMagic::XS	0.09008	RPM
File::MMagic	1.30	RPM
File::Next	1.12	RPM
File::Path::Tiny	0.7	RPM
File::Path	2.09	RPM
File::pushd	1.006	RPM
File::ReadBackwards	1.05	RPM
File::Remove	1.52	RPM
File::Scan::ClamAV	1.91	RPM
File::ShareDir::Install	0.08	RPM
File::ShareDir::ProjectDistDir	1.000001	RPM
File::ShareDir	1.03	RPM
File::Slurp::Tiny	0.003	RPM
File::Slurp	9999.19	RPM
File::Tail	v0.99.3	RPM
File::Temp	0.2304	RPM
File::Touch	0.08	RPM
File::Which	1.09	RPM

Filesys::Df	0.92	RPM
Filesys::Notify::Simple	0.12	RPM
Filesys::POSIX	v0.9.15	RPM
Filesys::Statvfs	0.82	RPM
Filesys::Virtual	0.06	RPM
Filter::Simple	0.91	RPM
Filter	1.49	RPM
Font::AFM	1.20	RPM
forks	0.34	RPM
GD	2.53	RPM
GDGraph	1.48	RPM
GDTextUtil	0.86	RPM
Gearman	1.11	RPM
Geo::IP	1.45	RPM
Geo::IPfree	1.140470	RPM
Geography::Countries	2009041301	RPM
Getopt::Euclid	0.004005	RPM
Getopt::Long::Descriptive	0.097	RPM
Getopt::Long	2.42	RPM
Getopt::Param::Tiny	0.5	RPM
Getopt::Param	0.0.5	RPM
Git::Repository	1.311	RPM
Git::Wrapper	0.031	RPM
Graph::Easy::As_svg	0.23	RPM
Graph::Easy::Manual	0.41	RPM
Graph::Easy	0.72	RPM
Graph::Flowchart	0.11	RPM
GSSAPI	0.28	RPM
Hash::Merge::Simple	0.051	RPM
Hash::Merge	0.200	RPM
Hash::MultiValue	0.15	RPM
Hook::LexWrap	0.24	RPM
HTML::Form	6.03	RPM
HTML::Format	2.11	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	1.19	RPM
HTTP::BrowserDetect	1.70	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	0.47	RPM
HTTP::Message	6.06	RPM
HTTP::Negotiate	6.01	RPM
HTTP::Parser::XS	0.16	RPM
HTTP::Request::AsCGI	1.2	RPM
HTTP::Server::Simple	0.44	RPM
HTTP::Tiny	0.043	RPM
I18N::Collate	1.02	RPM
if	0.0601	RPM
Image::Base	1.17	RPM
Image::Info	1.36	RPM
Image::Magick	6.90	RPM
Image::Size	3.232	RPM
Image::Xbm	1.08	RPM
Image::Xpm	1.12	RPM
Import::Into	1.002001	RPM
indirect	0.31	RPM
IO::AIO	4.2	RPM
IO::Callback	1.12	RPM
IO::CloseFDs	1.01	RPM
IO::Compress	2.064	RPM
IO::HTML	1.00	RPM

IO::Interactive::Tiny	0.2	RPM
IO::Interactive	0.0.6	RPM
IO::Interface	1.06	RPM
IO::Prompt	0.997002	RPM
IO::SessionData	1.03	RPM
IO::Socket::ByteCounter	v0.0.2	RPM
IO::Socket::INET6	2.72	RPM
IO::Socket::SSL	1.988	RPM
IO::String	1.08	RPM
IO::stringy	2.110	RPM
IO::Stty	0.03	RPM
IO::TieCombine	1.004	RPM
IO::Tty	1.12	RPM
IO::Zlib	1.10	RPM
IO	1.25	RPM
IP::Country	2.28	RPM
IPC::Cmd	0.92	RPM
IPC::Pipeline	0.8	RPM
IPC::Run3	0.048	RPM
IPC::Run	0.92	RPM
IPC::System::Simple	1.25	RPM
IPC::SysV	2.04	RPM
JSON::Any	1.32	RPM
JSON::DWIW	0.47	RPM
JSON::MaybeXS	1.001000	RPM
JSON::PP	2.27203	RPM
JSON::XS	3.01	RPM
JSON	2.90	RPM
Lchown	1.01	RPM
Lexical::Persistence	1.020	RPM
Lexical::SealRequireHints	0.007	RPM
lib::restrict	v0.0.5	RPM
libnet	1.25	RPM
libwww::perl	6.05	RPM

libxml::perl	0.08	RPM
Lingua::EN::FindNumber	1.2	RPM
Lingua::EN::Inflect::Number	1.1	RPM
Lingua::EN::Inflect::Phrase	0.18	RPM
Lingua::EN::Inflect	1.895	RPM
Lingua::EN::Number::IsOrdinal	0.04	RPM
Lingua::EN::Tagger	0.24	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	0.08	RPM
List::Cycle	1.02	RPM
List::MoreUtils	0.33	RPM
local::lib	2.000011	RPM
Locale::Codes	3.30	RPM
Locale::Maketext::Pseudo	0.6	RPM
Locale::Maketext::Simple	0.21	RPM
Locale::Maketext::Utils	0.41	RPM
Locale::Maketext	1.23	RPM
Locales	0.32	RPM
Log::Dispatch::Array	1.003	RPM
Log::Dispatch	2.41	RPM
Log::Dispatchouli	2.009	RPM
Log::Log4perl	1.43	RPM
Log::Message::Simple	0.10	RPM
Log::Message	0.08	RPM
LWP::MediaTypes	6.02	RPM
LWP::Protocol::https	6.04	RPM
LWP::UserAgent::Determined	1.06	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	0.8.22	RPM
Mail::SPF	v2.9.0	RPM
Mail::SRS	0.31	RPM
MailTools	2.13	RPM
Math::Base85	0.2	RPM
Math::BigInt::FastCalc	0.30	RPM
Math::BigInt::GMP	1.38	RPM
Math::BigInt::Pari	1.18	RPM
Math::BigInt	1.9993	RPM
Math::BigRat	0.2602	RPM
Math::Complex	1.59	RPM
Math::Fibonacci::Phi	0.02	RPM
Math::Fibonacci	1.5	RPM
Math::Pari	2.01080605	RPM
Math::Permute::List	1.004	RPM
Math::Round	0.06	RPM
MD5	2.03	RPM
Memoize::ExpireLRU	0.55	RPM
Memoize	1.03	RPM
MIME::Base32	1.02	RPM
MIME::Base64	3.14	RPM
MIME::Lite	3.030	RPM
MIME::tools	5.505	RPM
MIME::Types	2.04	RPM
Mixin::Linewise	0.106	RPM
MLDBM	2.05	RPM
Module::Build::Tiny	0.039	RPM
Module::Build	0.4205	RPM
Module::CoreList	3.09	RPM

Module::Extract::VERSION	1.01	RPM
Module::Find	0.12	RPM
Module::Implementation	0.07	RPM
Module::Install	1.08	RPM
Module::Load::Conditional	0.62	RPM
Module::Load	0.32	RPM
Module::Loaded	0.08	RPM
Module::Metadata	1.000019	RPM
Module::Path	0.13	RPM
Module::Pluggable	5.1	RPM
Module::Refresh	0.17	RPM
Module::Runtime	0.014	RPM
Module::ScanDeps	1.13	RPM
Module::Signature	0.73	RPM
Module::Want	0.6	RPM
Moo	1.004002	RPM
Moose::Autobox	0.15	RPM
Moose	2.1204	RPM
MooseX::AttributeHelpers	0.23	RPM
MooseX::AttributeShortcuts	0.022	RPM
MooseX::ConfigFromFile	0.13	RPM
MooseX::Daemonize	0.19	RPM
MooseX::Emulate::Class::Accessor::Fast	0.00903	RPM
MooseX::Getopt	0.63	RPM
MooseX::Has::Sugar	1.000000	RPM
MooseX::LazyRequire	0.10	RPM
MooseX::MethodAttributes	0.29	RPM
MooseX::NonMoose	0.26	RPM
MooseX::Object::Pluggable	0.0013	RPM
MooseX::OneArgNew	0.004	RPM
MooseX::Params::Validate	0.18	RPM
MooseX::RelatedClassRoles	0.004	RPM
MooseX::Role::Parameterized	1.02	RPM
MooseX::Role::WithOverloading	0.13	RPM

MooseX::SemiAffordanceAccessor	0.09	RPM
MooseX::SetOnce	0.200002	RPM
MooseX::SimpleConfig	0.10	RPM
MooseX::Traits::Pluggable	0.12	RPM
MooseX::Types::Common	0.001012	RPM
MooseX::Types::LoadableClass	0.012	RPM
MooseX::Types::Path::Class	0.06	RPM
MooseX::Types::Path::Tiny	0.010	RPM
MooseX::Types::Perl	0.101343	RPM
MooseX::Types::Stringlike	0.002	RPM
MooseX::Types	0.44	RPM
MooX::Types::MooseLike	0.25	RPM
Mozilla::CA	20130114	RPM
MRO::Compat	0.12	RPM
multidimensional	0.011	RPM
munin	1.4.7	RPM
MySQL::Diff	0.43	RPM
namespace::autoclean	0.15	RPM
namespace::clean	0.25	RPM
Net::AIM	1.22	RPM
Net::CIDR	0.17	RPM
Net::Daemon::SSL	1.0	RPM
Net::Daemon	0.48	RPM
Net::DAV::Server	1.305	RPM
Net::DNS::SEC	0.17	RPM
Net::DNS	0.74	RPM
Net::FTPSSL	0.23	RPM
Net::HTTP	6.06	RPM
Net::HTTPS::Any	0.10	RPM
Net::HTTPTunnel	0.51	RPM
Net::Ident	1.23	RPM
Net::IDN::Encode	2.100	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	0.62	RPM
Net::OSCAR	1.928	RPM
Net::Ping	2.41	RPM
Net::Server	2.007	RPM
Net::SFTP::Foreign	1.77	RPM
Net::SNMP	v6.0.1	RPM
Net::SOCKS	0.03	RPM
Net::SSLLeay	1.63	RPM
Net::TCPWrappers	1.11	RPM
Net::Telnet	3.04	RPM
Net::XMPP	1.02	RPM
NetAddr::IP	4.072	RPM
NEXT	0.65	RPM
Number::Compare	0.03	RPM
Object::Accessor	0.48	RPM
Object::Signature	1.07	RPM
OLE::Storage_Lite	0.19	RPM
Opcodes	0.13	RPM
Package::Constants	0.04	RPM
Package::DeprecationManager	0.13	RPM
Package::Stash::XS	0.28	RPM
Package::Stash	0.36	RPM
Package::Variant	1.002000	RPM
PadWalker	1.98	RPM
PAR::Dist	0.49	RPM
Parallel::ForkManager	1.06	RPM
Params::Check	0.38	RPM
Params::Util	1.07	RPM
Params::Validate	1.08	RPM

parent	0.228	RPM
Parse::CPAN::Meta	1.4414	RPM
Parse::RecDescent	1.967009	RPM
Path::Class	0.33	RPM
Path::FindDev	0.5.0	RPM
Path::IsDev	1.001000	RPM
Path::Iter	0.2	RPM
Path::Tiny	0.052	RPM
PathTools	3.40	RPM
Perl 5.14	5.14.4	RPM
Perl6::Junction	1.60000	RPM
Perl::Critic	1.121	RPM
perl::ldap	0.61	RPM
Perl::MinimumVersion	1.32	RPM
Perl::OSType	1.007	RPM
Perl::PrereqScanner	1.019	RPM
Perl::Tidy	20140328	RPM
Perl::Version	1.013	RPM
Perlbal	1.80	RPM
PerlIO::utf8_strict	0.004	RPM
PerlIO::via::QuotedPrint	0.07	RPM
Plack::Middleware::FixMissingBodyInRedirect	0.09	RPM
Plack::Middleware::MethodOverride	0.10	RPM
Plack::Middleware::RemoveRedundantBody	0.03	RPM
Plack::Middleware::ReverseProxy	0.15	RPM
Plack::Test::ExternalServer	0.01	RPM
Plack	1.0030	RPM
Pod::Coverage	0.23	RPM
Pod::Escapes	1.06	RPM
Pod::Eventual	0.094001	RPM
Pod::LaTeX	0.61	RPM
Pod::Markdown	2.000	RPM
Pod::Parser	1.62	RPM
Pod::Perldoc	3.23	RPM

Pod::Simple	3.28	RPM
Pod::Spell	1.15	RPM
Pod::Usage	1.63	RPM
podlators	v2.5.3	RPM
POSIX::strftime::Compiler	0.31	RPM
PPI	1.215	RPM
PPIx::Regexp	0.036	RPM
PPIx::Utilities	1.001000	RPM
Probe::Perl	0.03	RPM
Proc::Daemon	0.14	RPM
Proc::ProcessTable	0.50	RPM
Quota	1.7.1	RPM
Razor2::Client::Agent	2.84	RPM
Readonly::XS	1.05	RPM
Readonly	1.04	RPM
Regexp::Parser	0.21	RPM
REST::Google::Translate2	v1.0.8	RPM
REST::Google	1.0.8	RPM
Return::MultiLevel	0.03	RPM
Role::HasMessage	0.006	RPM
Role::Identifiable	0.007	RPM
Role::Tiny	1.003003	RPM
Safe::Hole	0.13	RPM
Safe::Isa	1.000004	RPM
Safe	2.35	RPM
Scalar::List::Utils	1.38	RPM
Scope::Guard	0.20	RPM
SelfLoader	1.20	RPM
Set::Crontab	1.03	RPM
Set::Object	1.34	RPM
Shell	0.72	RPM
Smart::Comments	1.000005	RPM
Snowball::Norwegian	1.2	RPM
Snowball::Swedish	1.2	RPM

SOAP::Lite	1.11	RPM
Socket6	0.25	RPM
Socket	2.013	RPM
Software::License	0.103010	RPM
Sort::Versions	1.5	RPM
Spreadsheet::ParseExcel	0.65	RPM
Spreadsheet::WriteExcel	2.40	RPM
SQL::Abstract	1.77	RPM
SQL::Statement	1.405	RPM
SQL::Translator	0.11018	RPM
Starman	0.4009	RPM
Storable	2.45	RPM
Stream::Buffered	0.02	RPM
strictures	1.005004	RPM
String::BOM	0.3	RPM
String::CamelCase	0.02	RPM
String::CRC32	1.5	RPM
String::Errf	0.007	RPM
String::Flogger	1.101244	RPM
String::Format	1.17	RPM
String::Formatter	0.102084	RPM
String::RewritePrefix	0.007	RPM
String::ToIdentifier::EN	0.11	RPM
String::UnicodeUTF8	0.21	RPM
String::Unquotemeta	0.1	RPM
Sub::Exporter::ForMethods	0.100051	RPM
Sub::Exporter::GlobExporter	0.004	RPM
Sub::Exporter::Progressive	0.001011	RPM
Sub::Exporter	0.987	RPM
Sub::Install	0.927	RPM
Sub::Name	0.05	RPM
Sub::Uplevel	0.24	RPM
SVG::TT::Graph	0.23	RPM
Syntax::Keyword::Junction	0.003007	RPM

syntax	0.004	RPM
Sys::Hostname::Long	1.4	RPM
Sys::Info::Base	0.7803	RPM
Sys::Info::Driver::Linux	0.7903	RPM
Sys::Info	0.78	RPM
Sys::Mmap	0.16	RPM
Sys::SigAction	0.21	RPM
Sys::Statistics::Linux	0.66	RPM
Sys::Syscall	0.25	RPM
Sys::Syslog	0.33	RPM
Sysadm::Install	0.43	RPM
System::Command	1.108	RPM
Task::Cpanel::3rdparty	11.36.001	RPM
Task::Cpanel::Catalyst	11.36.001	RPM
Task::Cpanel::Core	11.36.004	RPM
Task::Cpanel::Internal	11.36.001	RPM
Task::Weaken	1.04	RPM
Template::Timer	1.00	RPM
Template::Toolkit	2.25	RPM
Term::ANSIColor	4.03	RPM
Term::Cap	1.15	RPM
Term::Encoding	0.02	RPM
Term::ReadLine	1.14	RPM
Term::UI	0.42	RPM
TermReadKey	2.31	RPM
Test::Carp	0.2	RPM
Test::CheckDeps	0.010	RPM
Test::CheckManifest	1.28	RPM
Test::Class	0.41	RPM
Test::CPAN::Meta::YAML	0.22	RPM
Test::CPAN::Meta	0.23	RPM
Test::Deep	0.112	RPM
Test::Differences	0.61	RPM
Test::Exception	0.32	RPM

Test::Exit	0.11	RPM
Test::FailWarnings	0.008	RPM
Test::Fatal	0.013	RPM
Test::File::Contents	0.21	RPM
Test::File::ShareDir	1.000000	RPM
Test::File	1.36	RPM
Test::Harness	3.30	RPM
Test::Manifest	1.23	RPM
Test::MinimumVersion	0.101081	RPM
Test::Mock::Cmd	0.6	RPM
Test::MockModule	0.05	RPM
Test::MockObject	1.20140328	RPM
Test::Most	0.33	RPM
Test::NoWarnings	1.04	RPM
Test::Object	0.07	RPM
Test::Output	1.03	RPM
Test::Parallel	0.20	RPM
Test::Pod::Coverage	1.08	RPM
Test::Pod	1.48	RPM
Test::Requires	0.07	RPM
Test::Script	1.07	RPM
Test::SharedFork	0.23	RPM
Test::Simple	1.001003	RPM
Test::SubCalls	1.09	RPM
Test::TCP	2.02	RPM
Test::Tester	0.109	RPM
Test::Unit	0.25	RPM
Test::use::ok	0.10	RPM
Test::Warn	0.30	RPM
Test::Warnings	0.014	RPM
Test::Without::Module	0.17	RPM
Test::YAML::Meta	0.20	RPM
Test::YAML::Valid	0.04	RPM
Test	1.26	RPM

Text::Balanced	2.02	RPM
Text::CSV	1.32	RPM
Text::CSV_XS	1.05	RPM
Text::Diff	1.41	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::ParseWords	3.29	RPM
Text::SimpleTable	2.03	RPM
Text::Soundex	3.04	RPM
Text::Tabs+Wrap	2013.0523	RPM
Text::Template	1.46	RPM
Text::Trim	1.02	RPM
Text::Unicode	0.04	RPM
Thread::Queue	3.05	RPM
Thread::Semaphore	2.12	RPM
threads::shared	1.46	RPM
threads	1.92	RPM
Throwable	0.200011	RPM
Tie::DBI	1.06	RPM
Tie::EncryptedHash	1.24	RPM
Tie::File	0.98	RPM
Tie::IxHash	1.23	RPM
Tie::RefHash	1.39	RPM
Tie::ShadowHash	1.00	RPM
Tie::ToObject	0.03	RPM
Time::HiRes	1.9726	RPM
Time::Local	1.2300	RPM
Time::Piece	1.27	RPM
TimeDate	2.30	RPM
Tree::DAG_Node	1.22	RPM
Tree::MultiNode	v1.0.13	RPM

Tree::Simple::VisitorFactory	0.12	RPM
Tree::Simple	1.23	RPM
Try::Tiny	0.20	RPM
Types::Serialiser	1.0	RPM
Unicode::Collate	1.04	RPM
Unicode::Normalize	1.17	RPM
UNIVERSAL::can	1.20140328	RPM
UNIVERSAL::isa	1.20120726	RPM
Unix::PID::Tiny	0.91	RPM
Unix::PID	0.23	RPM
Unix::Processors	2.042	RPM
Unix::Syslog	1.1	RPM
URI::Find	20111103	RPM
URI	1.60	RPM
Variable::Magic	0.53	RPM
Version::Next	0.004	RPM
Version::Requirements	0.101022	RPM
version	0.9908	RPM
Want	0.23	RPM
Web::Detect	0.04	RPM
WWW::Form	1.19	RPM
WWW::Mechanize	1.73	RPM
WWW::Pastebin::PastebinCom::Create	1.003	RPM
WWW::RobotRules	6.02	RPM
XML::DOM	1.44	RPM
XML::LibXML	2.0115	RPM
XML::NamespaceSupport	1.11	RPM
XML::Parser	2.41	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	1.23	RPM

XML::Writer	0.624	RPM
XSLoader	0.16	RPM
YAML::Syck	1.27	RPM
YAML::Tiny	1.62	RPM
YAML	0.90	RPM

Appendix B: New and modified API calls

New cPanel API 2 Calls

- `Email::get_default_email_quota` — This function retrieves the system's default email quota.
- `Email::get_max_email_quota` — This function retrieves the system's maximum email quota.

Modified cPanel API 2 Calls

- `CustInfo::displaycontactinfo` — This function now includes new parameters for notification types.
- `CustInfo::savecontactinfo` — This function now includes new parameters for notification types.
- `ZoneEdit::edit_zone_record` — This function now supports CNAME flattening for root domains.

Removed cPanel API 2 Calls

Note:

If you attempt to call these functions in cPanel & WHM version 11.48 and later, they will not produce **any** output.

- `Logaholic::adduser`
- `Logaholic::adduserprofile`
- `Logaholic::deleteuser`
- `Logaholic::deleteuserprofile`
- `Logaholic::edituser`
- `Logaholic::fetchuser`
- `Logaholic::listuserprofiles`
- `Logaholic::logaholiclink`
- `Logaholic::processstats`

New UAPI Calls

- `Email::get_default_email_quota` — This function retrieves the system's default email quota.
- `Email::get_max_email_quota` — This function retrieves the system's maximum email quota.
- `Webmailapps::listwebmailapps` — This function lists an account's available webmail clients.
- `SSL::disable_mail_sni` — This function disables mail SNI for an account.
- `SSL::enable_mail_sni` — This function enables mail SNI for an account.
- `SSL::is_mail_sni_supported` — This function checks whether the `sslinstall` feature is enabled.
- `SSL::mail_sni_status` — This function retrieves the status of the domain's SNI mail services.
- `SSL::rebuild_mail_sni_config` — This function rebuilds the SNI configuration files.

Modified UAPI Calls

- `modifyacct` — This function now includes new parameters to list password change failures.

New WHM API Calls

- `start_background_mysql_upgrade` — This function upgrades MySQL or MariaDB in the background.
- `background_mysql_upgrade_status` — This function retrieves the status of a background MySQL or MariaDB upgrade.
- `installable_mysql_versions` — This function lists all available versions of MySQL and MariaDB.

- `current_mysql_version` — This function retrieves the server's version of MySQL or MariaDB.
- `latest_available_mysql_version` — This function retrieves the latest available version of MySQL or MariaDB.
- `modsec_add_vendor` — This function adds a new ModSecurity™ vendor rule set to the server.
- `modsec_check_rule` — This function checks a ModSecurity™ rule's validity.
- `modsec_clone_rule` — This function copies a ModSecurity rule with a new rule ID.
- `modsec_deploy_all_rule_changes` — This function deploys the staged changes for all of the ModSecurity configuration files into the live configuration files.
- `modsec_disable_vendor` — This function disables a ModSecurity vendor rule set.
- `modsec_disable_vendor_configs` — This function disables all the configuration files owned by a ModSecurity vendor.
- `modsec_disable_vendor_updates` — This function disables automatic updates for a ModSecurity vendor.
- `modsec_discard_all_rule_changes` — This function discards the staged rule changes, if present, for all of the configuration files.
- `modsec_enable_vendor` — This function enables a ModSecurity vendor rule set.
- `modsec_enable_vendor_configs` — This function enables all the configuration files owned by a ModSecurity™ vendor.
- `modsec_enable_vendor_updates` — This function enables automatic updates for a ModSecurity™ vendor.
- `modsec_get_vendors` — This function returns a list of configured ModSecurity™ vendors.
- `modsec_preview_vendor` — This function returns the metadata of a ModSecurity™ vendor rule set.
- `modsec_remove_vendor` — This function removes all of a ModSecurity™ vendor's includes, disablement directives, configuration files, and the metadata file.
- `modsec_report_rule` — This function submits ModSecurity™ rule error reports to a remote receiver.
- `modsec_update_vendor` — This function updates a vendor with the current version of the rule set available at the specified URL.
- `cphulk_status` — This function returns the status of the cPHulk service.
- `enable_cphulk` — This function enables cPHulk.
- `disable_cphulk` — This function disables cPHulk.
- `create_cphulk_record` — This function creates a record in the cPHulk whitelist or blacklist.
- `read_cphulk_records` — This function returns the records in the cPHulk whitelist or blacklist.
- `delete_cphulk_record` — This function deletes records from the cPHulk whitelist or blacklist.
- `load_cphulk_config` — This function lists cPHulk's current configuration settings.
- `save_cphulk_config` — This function modifies cPHulk's configuration settings.
- `get_cphulk_brutes` — This function lists the records for brute attacks in the cPHulk database.
- `get_cphulk_excessive_brutes` — This function lists the records for excessive brute attacks in the cPHulk database.
- `get_cphulk_failed_logins` — This function lists the records for failed login attempts in the cPHulk database.
- `flush_cphulk_login_history` — This function clears the login history from the cPHulk database.
- `remove_logo` — This function removes an existing logo or favicon.
- `editzonerecord` — This function now supports CNAME flattening for root domains.
- `disable_mail_sni` — This function disables mail SNI for an account.
- `enable_mail_sni` — This function enables mail SNI for an account.
- `mail_sni_status` — This function retrieves the status of the domain's SNI mail services.
- `rebuild_mail_sni_config` — This function rebuilds the SNI configuration files.

Modified WHM API Calls

- `modsec_get_configs` — This function now accommodates the *ModSecurity Vendors* feature.
- `modsec_get_log` — This function now accommodates the *ModSecurity Vendors* feature.
- `modsec_get_rules` — This function now accommodates the *ModSecurity Vendors* feature.