

# 76 Release Notes

## For cPanel & WHM 76

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## Upgrade blockers

None.

## New features

### MySQL/MariaDB pre-flight check

In cPanel & WHM version 76, we added a pre-flight check to WHM's *MySQL/MariaDB Upgrade* interface (*WHM >> Home >> SQL Services >> MySQL/MariaDB Upgrade*) interface which will detect potential unfixable states due to the following issues:

- If a custom value for `MySQLLxx` installed in the `/var/cpanel/rpm.versions/local.version` file exists.
- If a value greater than zero for `innodb_force_recovery=<num>` exists.

For RPM management issues with MySQL or MariaDB upgrades, read our [How to Set or Unset RPM Management](#) documentation.

### Preserved PHP-FPM settings when you change the account's main domain

The system preserves your previously-configured PHP-FPM for Apache settings when you change the account's main domain. Previously, the system reset these settings when a user changed the account's domain. For more information on PHP-FPM, read the [PHP-FPM](#) documentation.

### Enabled Apache PHP-FPM for all new cPanel & WHM installations

In cPanel & WHM version 76 and later, the system enables PHP-FPM for Apache by default in new installations of cPanel & WHM. The system will automatically enable PHP-FPM for all new domains that you add to the server.

**Warning:**

This setting requires **at least 2 GB** of RAM.

- If the system finds less than 2 GB of available RAM, it will not enable Apache PHP-FPM.
- If you enable PHP-FPM on a server with less than the required RAM, your server may experience severe performance issues.

The following behaviors affect installations of cPanel & WHM that you upgrade or transfer to version 76:

- Systems that upgrade to version 76 will retain the Apache PHP-FPM settings from the previous version.
- Accounts that you transfer to a server with a new cPanel & WHM version 76 installation will use the new installation's Apache PHP-FPM settings.

Administrators with `root`-level privileges can disable this feature through either of the following actions:

- Click *Turn Off*, under the *System PHP-FPM* section, in WHM's *MultiPHP Manager* interface (*WHM >> Home >> Software >> MultiPHP Manager*). This action disables Apache's PHP-FPM for all domains. To disable an individual domain directly from the domains table, set the PHP-FPM toggle to *Off*.
- Execute the WHM API 1 function `php_set_default_accounts_to_fpm` and set the `default_accounts_to_fpm` parameter to 0.

For more information, read the [PHP-FPM](#) documentation.

### New PowerDNS version 4.1

In cPanel & WHM 76, we updated the PowerDNS version to 4.1. This update replaces the `pdnssec` command with the `pdnsutil` command. Our [How to List Domains with DNSSEC](#) and the [How to Rotate a DNSSEC Key](#) documentation reflects this change. For more information, read the [PowerDNS](#) documentation.

## AutoSSL preflight check for CAA records

In cPanel & WHM version 76, we added a preflight check to AutoSSL. This check adds a Certificate Authority Authentication (CAA) record in the domain's zone file before AutoSSL orders a new certificate for that domain.

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

## Ticket system generates secure ID token for support tickets.

In cPanel & WHM version 76, we configured the cPanel support ticket system to generate a secure ID token when you create a support ticket via WHM's *Create Support Ticket* interface (*WHM >> Home >> Support >> Create Support Ticket*). The system uses this secure ID when it forwards you from WHM's *Create Support Ticket* interface (*WHM >> Home >> Support >> Create Support Ticket*) to the [cPanel Customer Portal](#) to confirm that the user who creates a support ticket matches currently-logged in user. If the user who created the ticket and the currently-logged in user do not match, the system returns an error.

We also added the `secure_id` return to the WHM API 1 `ticket_create_stub_ticket` function, and the `secure_id` parameter to the WHM API 1 `ticket_grant` function.

## New WHM feature: Server Profiles

In cPanel & WHM version 76, we added the ability for users to select a server profile. Profiles are a collection of service roles, such as DNS, FTP, or Web Disk, that allow you to easily configure a server for a specific function. To provide these desired services, server profiles disable any non-essential services, as well as their related features in cPanel & WHM. Profiles also **disable** API calls that do not relate to the server profile's enabled roles.

For example, a server that uses the *Mail Node* profile disables most services that do not support mail functions. When you enable this profile, it disables the following roles and related API functions:

- File Storage
- FTP
- MySQL
- PostgreSQL
- Web Disk
- Web Server

The *Mail Node* profile also removes these roles' related features from the cPanel and WHM interfaces.

You can configure your server's profile in WHM's *Server Profile* interface (*WHM >> Home >> Server Configuration >> Server Profile*).

### Important:

- When you upgrade or install cPanel & WHM version 76, the system sets your default server profile to the *Standard Node* profile.
- You **cannot** use this functionality if a cPanel account already exists on the server. You must remove **all** user accounts before you can use this feature. You can back up all of your user accounts and restore them after you change the server's profile.
- Certain server profiles **disable** the web server services, such as Apache. When disabled, the `cpsrvd` daemon takes over services on ports 80 and 443.
- You can disable the `cpsrvd` daemon with the *Prevent cpsrvd from serving standard HTTP ports* setting in WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*). For more information, read our [Prevent cpsrvd from serving standard HTTP ports](#) release note.

For more information about server profiles and roles, read our [How to Use Server Profiles](#) documentation.

## cPanel and WHM API modules are role-aware

In cPanel & WHM version 76, we updated the cPanel and WHM API modules so that they are aware of [server profile](#) roles. If a profile has a role that **disables** a service, that profile also **disables** the role's related API functions. For example, the *Mail Node* profile disables the Web Disk role, so any API calls that interact with this role's services will fail.

### Note:

When you upgrade a server to cPanel & WHM version 76, the system defaults existing configurations to the *Standard Node* profile.

## Account Preferences

In cPanel & WHM version 76, we added cPanel's [Account Preferences](#) interface (*cPanel >> Navigation Bar >> User Preferences menu >> Account Preferences*). Currently, you can use this interface to set where on the screen your system's alert notifications appear in the cPanel interface.

## Tomcat

In cPanel & WHM version 76, we implemented a new version of Apache Tomcat® for users that run EasyApache 4. This iteration represents a complete overhaul of our implementation, and provides substantial differences from the EasyApache 3 version. The EasyApache 4 implementation of Tomcat configures a private instance for each user. This increases security and allows the user to manage their own Tomcat services, but increases memory load on the server. We **strongly** recommend that you consider your server's configuration carefully before you enable Tomcat for many users.

When you enable Tomcat for a user, the script creates an environment in the `/home/user/ea-tomcat85/conf` directory that the user can configure for their unique requirements. Users **must** possess shell access to use Tomcat.

For more information, read our [Tomcat Private Instances](#) and [Tomcat Proxies](#) documentation.

## Tomcat users can migrate to EasyApache 4

In cPanel & WHM version 76, users can now migrate to EasyApache 4 if they use Tomcat.

The EasyApache 4 implementation of Tomcat provides substantial differences from the EasyApache 3 implementation. The EasyApache 4 implementation of Tomcat configures a private instance for each user. The system will configure the existing domains to work in the new system and add them to a `system.xml` file, but we **cannot** guarantee the existing code's compatibility with Tomcat 8.5. You must check your configuration manually.

## Tomcat Manager

In cPanel & WHM version 76, we added WHM's [Tomcat Manager](#) interface (*WHM >> Home >> Software >> Tomcat Manager*) for systems that run EasyApache 4. This interface allows system administrators to manage the Tomcat status of their users.

## cPanel's Domains interface

In cPanel & WHM version 76, we added the [Domains](#) interface (*cPanel >> Home >> Domains >> Domains*). This interface combines most of the functionality from the following interfaces:

- cPanel's [Addon Domains](#) interface (*cPanel >> Home >> Domains >> Addon Domains*).
- cPanel's [Subdomains](#) interface (*cPanel >> Home >> Domains >> Subdomains*).
- cPanel's [Aliases](#) interface (*cPanel >> Home >> Domains >> Aliases*).

Users can now create and manage multiple domains for a single cPanel account in one interface. This streamlines the user experience and simplifies the user's ability to create and manage domains.

### Important:

To use this interface, hosting providers **must** perform the following actions:

- Allow domain creation in WHM's [Modify an Account](#) interface (*WHM >> Home >> Account Functions >> Modify an Account*).
- Enable at least one of the following features in WHM's [Feature Manager](#) interface (*WHM >> Home >> Packages >> Feature Manager*):
  - [Addon Domains](#)
  - [Subdomains](#)
  - [Aliases](#)

### Note:

The [Mail Node](#) server configuration **only** displays the [Domains](#) interface for cPanel accounts. It does not display the [Addon Domains](#), [Subdomains](#), or [Aliases](#) interfaces.

## The `cpuser_port_authority` script

In cPanel & WHM version 76, we added the `/usr/local/cpanel/scripts/cpuser_port_authority` script. This script allows system administrators to assign ports to a user's account.

## The cpuser\_service\_manager script

In cPanel & WHM version 76, we added the `/usr/local/cpanel/scripts/cpuser_service_manager` script. This script allows cPanel users to add and remove user-managed and monitored services. This script also includes the Ubic subsystem, which allows users to easily manage their services.

## Updated features

### Improved WHM experience

We have made several changes to WHM's setup process and *Home* interface, in order to improve users' initial experiences with cPanel & WHM.

### Simplified setup process

We have removed several sections of WHM's *Initial Setup Assistant* interface in order to streamline the setup process for new servers.

- When you log in to WHM as the `root` user for the first time, the system will require you to accept cPanel, Inc.'s End User License Agreement (EULA) and to enable or disable cPanel Analytics. You can also specify a contact email address and two nameservers.
- You can modify all of the removed *Initial Setup Assistant* interface settings via configuration files or other WHM interfaces:
  - ✓ [Click here to view a list of setting locations...](#)

Section	Setting	Existing WHM Interface and Setting	Configuration File and Setting
Setup Networking	Server Contact Email Address	<i>Basic WebHost Manager Setup</i> <i>Enter one or more email addresses to contact in case a problem arises with this server.</i>	<code>/etc/wwwacct.conf</code>  CONTACTEMAIL
	Subscribe to the cPanel mailing list.	N/A	N/A
	<b>Note:</b> You can subscribe to the cPanel, Inc. mailing list on the cPanel website.		
	Server Contact SMS Address	<i>Basic WebHost Manager Setup</i> <i>Enter one or more cellular phone or pager email addresses to message via email in case a problem arises with this server.</i>	<code>/etc/wwwacct.conf</code>  CONTACTPAGER
	Server Contact ICQ Number	N/A	N/A
	ICQ Number to Send Alerts From	<i>Basic WebHost Manager Setup</i> <i>The ICQ ID that this server should use for login to ICQ when sending alerts.</i>	<code>/etc/wwwacct.conf</code>  CONTACTUIN
ICQ Password	<i>Basic WebHost Manager Setup</i> <i>The ICQ ID password for sending alerts.</i>	N/A	

### This Server's Hostname

**Important:**

If you update your hostname, the system temporarily blocks user access to the following interfaces and services:

- Horde Webmail
- Calendars and Contacts (CalDAV and CardDAV)

The system restores access to these interfaces and services after the hostname update finishes. For more information, read our [Interface Lock Scripts](#) documentation.

**Notes:**

- Whenever you change the server's hostname, you **must** use one of the following methods to ensure that all of the necessary system and service changes occur:
  - Use WHM's [Change Hostname](#) interface (*WHM >> Home >> Networking Setup >> Change Hostname*).
  - Call WHM API 1's `sethostname` function.
  - Run the `/usr/local/cpanel/bin/set_hostname utility` as the root user.
- If your cPanel & WHM server uses a cloud-based hosting provider, read our [Cloud-Hosted Hostname Solution](#) documentation.

### Change Hostname

#### New Hostname

Use the `/usr/local/cpanel/bin/set_hostname` utility to set this value.

	Primary Resolver	Resolver Configuration Primary Resolver	/etc/resolv.conf nameserver
	Secondary Resolver	Resolver Configuration Secondary Resolver	/etc/resolv.conf nameserver
	Third Resolver	Resolver Configuration Tertiary Resolver	/etc/resolv.conf nameserver
	Main Network/Ethernet Device	Basic WebHost Manager Setup The ethernet device onto which new IP addresses are added.	/etc/wwacct.conf ETHDEV
Set Up IP Addresses	IP Address(es) to Add	Add a New IP Address New IP or IP range to add	Use WHM API 1's <code>addips</code> function to set this value.
	Subnet Mask	Add a New IP Address Select a subnet mask for the IP or IPs above to use	/etc/ips
Nameservers	Nameserver Configuration	Nameserver Selection N/A	/var/cpanel/cpanel.config local_nameserver_type
	Nameserver 1, Nameserver 2, Nameserver 3, and Nameserver 4	Basic WebHost Manager Setup Nameserver 1, Nameserver 2, Nameserver 3, and Nameserver 4	/etc/wwacct.conf NS, NS2, NS3, and NS4
	Add "A Entries" for all Nameservers	Basic WebHost Manager Setup Configure Address Records	/var/cpanel/nameserverips.yaml
	Add "A Entries" for Hostname	Add an A Entry for Your Hostname N/A	/var/cpanel/nameserverips.yaml
Services	FTP Configuration	FTP Server Selection N/A	/var/cpanel/cpanel.config ftpsrvr
	Mail Configuration	Mailserver Configuration Protocols Enabled	/var/cpanel/cpanel.config mailserver
	Configure cPHulk Brute Force Protection	cPHulk Brute Force Protection N/A	The <code>/var/cpanel/hulkd/enable</code> and <code>/var/cpanel/cphulk_enable</code> touchfiles.
	Provide modules to <code>/usr/bin/perl</code> formerly provided by <code>checkperlmodules</code>	Install a Perl Module N/A	N/A
Quotas	Quotas	Initial Quota Setup N/A	Use the <code>/usr/local/cpanel/scripts/fixquotas</code> script to enable or disable quotas.

**Note:**

To facilitate this change, we now enable quotas by default on new installations of cPanel & WHM but **not** on cPanel DNSONLY. If you wish to disable quotas, you **must** finish the installation process and then perform the steps in our [How to Disable Filesystem Quotas](#) documentation.

## Updated WHM Home interface

We have revised WHM's Home interface to display a list of the most useful interfaces to manage your server and your accounts.

- We now hide the left-side navigation menu by default.
- You can access the legacy page, which lists all of WHM's sections and interfaces, via the View toggle in the top-right corner of the interface.
- This change added a new `description` parameter to WHM's `dynamicui.conf` file.

## Updated Git Version Control functionality

To help users prevent unintentional deletion of data, we have updated the functionality in cPanel's [Git Version Control](#) interface (*cPanel >> Home >> Files >> Git Version Control*):

- We removed the *Delete* action from the list of repositories.
- We added the *Remove* action to the list of repositories. When you click *Remove*, cPanel no longer manages the repository, but the system does **not** delete any data in the repository directory.

**Note:**

To fully delete repository data, use cPanel's [File Manager](#) interface (*cPanel >> Home >> Files >> File Manager*) or your preferred method to manually delete the files.

## Git SSH host key verification

The system now automatically performs host key verification whenever you clone a new repository or make changes to or update a cloned repository in cPanel's [Git Version Control](#) interface (*cPanel >> Home >> Files >> Git Version Control*). These checks help to prevent [Man-in-the-Middle \(MITM\)](#) attacks.

## WHM's *Backup Configuration* interface

We updated the appearance of WHM's [Backup Configuration](#) interface (*WHM >> Home >> Backup >> Backup Configuration*).

The updates include the following new tabs:

- The *Additional Destinations* tab, which includes the Destination table and transport setup.
- The *Validation Results* tab, which shows the destinations' validation success or failure messages. This tab appears after a user verifies the connection to one or more destinations.

## cPanel & WHM's *File and Directory Restoration* interface

We updated the appearance of the *File and Directory Restoration* interface in both the cPanel (*cPanel >> Home >> Files >> File and Directory Restoration*) and WHM (*WHM >> Home >> Backup >> File and Directory Restoration*) interfaces. We also added the ability to enter the exact path to the file or directory that users wish to restore.

**Note:**

For these restoration features to work appropriately in cPanel & WHM, system administrators **must** enable account file backups through WHM's [Backup Configuration](#) interface (*WHM >> Home >> Backup >> Backup Configuration*).

## Update a domain's PHP version and PHP-FPM settings from within the domains table in WHM's *MultiPHP Manager*

WHM users can now update an individual domain's PHP version and PHP-FPM settings from within the domains table in WHM's [MultiPHP Manager](#) interface (*WHM >> Home >> Software >> MultiPHP Manager*). Users can choose a PHP version from a menu and toggle PHP-FPM settings between *On* and *Off* for individual domains.

## Upgraded cPanel (*cpsrvd*) PHP version to PHP 7.2

In cPanel & WHM version 76, we upgraded the PHP version in cPanel & WHM from PHP 5.6 to PHP 7.2. This change affects the *PHP* section of WHM's [Tweak Settings](#) interface (*WHM >> Home >> Server Configuration >> Tweak Settings*). See the [Removal of Zendguard Optimizer](#) release note for more information.

## Added the `--fix_corrupt` argument to the `backups_create_metadata` script

The `--fix_corrupt` argument tells the system to search for all corrupted metadata and fixes it. For more information, read the [The backups\\_create\\_metadata Script](#) documentation.

## Apache SpamAssassin™ upgraded to version 3.4.2



In cPanel & WHM version 76, we upgraded Apache SpamAssassin from version 3.4.1 to version 3.4.2. This upgrade does not alter your Apache SpamAssassin settings when you upgrade cPanel & WHM to version 76.

## Controls and data suppressed for disabled `httpd` services

In cPanel & WHM version 76, when you disable the `httpd` daemon, the system now suppresses its related controls and data in WHM's user interface. For example, when you disable `httpd`, the system does not display IP address information in WHM's *Manage SSL Hosts* interface (*WHM >> Home >> SSL/TLS >> Manage SSL Hosts*).

## Updated domain selection list

In cPanel & WHM version 76, we updated the domain selection list in the following WHM interfaces so that they could swiftly handle large numbers of domains:

- *Delete a DNS Zone* (*WHM >> Home >> DNS Functions >> Delete a DNS Zone*)
- *Edit DNS Zone* (*WHM >> Home >> DNS Functions >> Edit DNS Zone*)
- *Edit MX Entry* (*WHM >> Home >> DNS Functions >> Edit MX Entry*)
- *Reset a DNS Zone* (*WHM >> Home >> DNS Functions >> Reset a DNS Zone*)
- *Set Zone Time to Live* (*WHM >> Home >> DNS Functions >> Set Zone Time To Live (TTL)*)

## Block restorations when account exceeds disk quota

In cPanel & WHM version 76, we updated cPanel's *Backup* interface (*cPanel >> Home >> Files >> Backup*) and *Backup Wizard* interface (*cPanel >> Home >> Files >> Backup Wizard*) to block restorations when the account exceeds its disk quota. Previously, the system attempted to restore the backup, failed, and did not display an error.

## Redirects interface update

In cPanel & WHM version 76, we added the Regular Expression and HTTP Status Code columns to the table in cPanel's *Redirects* interface (*cPanel >> Home >> Domains >> Redirects*).

## Symlink to user's log data backup file

As of cPanel & WHM version 76, the system adds a symlink to the log data backup file in the user's `/home` directory during the archive process. This symlink allows you to access this file while the system archives the file.

The symlink's name reflects the log file's name and may contain a `.bkup` file extension.

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

## Removed `open_basedir` patch from EasyApache 4 systems

WHM's *PHP `open_basedir` Tweak* interface (*WHM >> Home >> Security Center >> PHP `open_basedir` Tweak*) now only appears on systems that run EasyApache 3. This interface did not update the settings on systems that run EasyApache 4.

## KernelCare Free Patch Set only functions on CentOS 6 and CentoOS 7

As of cPanel & WHM version 76, WHM's *Security Advisor* interface (*WHM >> Home >> Security Settings >> Security Advisor*) **only** displays the option to install the KernelCare Free Patch Set if your system runs CentOS 6 or CentOS 7.

For more information about the KernelCare Free Patch Set, read the [KernelCare](#) documentation.

## AutoSSL provider usability scores

In cPanel & WHM version 76, we added usability scores in the *Providers* tab of WHM's *Manage AutoSSL* interface (*WHM >> Home >> SSL/TLS >> Manage AutoSSL*). This score displays the service capabilities of each AutoSSL provider and allows a user to select a provider based on their AutoSSL needs.

A usability score ranks each provider based on the following capabilities:

- The Domain Control Validation (DCV) methods the provider offers.
- Whether the provider supports ancestor DCV.
- The number of unique domains per certificate.
- The average delivery time a provider requires to issue a certificate.
- The maximum number of HTTP-based DCV domain redirects the provider supports.
- The number of certificates registered per domain per week.

The interface also displays information for each provider's AutoSSL delivery method and the validity period of a certificate before it expires.

## EasyApache 4 interface

We added the *Additional Packages* section to WHM's *EasyApache 4* interface (*WHM >> Home >> Software >> EasyApache 4*). This section displays any available packages that do not fit into another category.

## The `/usr/local/cpanel/scripts/migrate_ea3_to_ea4` script

We added the `--allow-unsafe-amount-of-tomcat-users` flag to the `migrate_ea3_to_ea4` script. This flag allows you to migrate a system that possesses more than five Tomcat users. For more information, read our [How to Install or Uninstall EasyApache 4](#) documentation.

## Rename proxy subdomains to service subdomains

In cPanel & WHM version 76, we renamed proxy subdomains to service subdomains. This name more clearly describes the subdomains' purpose rather than a specific implementation. This updates the following settings in the *Domains* section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*):

- *Service subdomains*
- *Service subdomain creation*
- *Thunderbird and Outlook autodiscover and autoconfig support (enables service subdomain and SRV record creation)*
- *Overwrite custom A records used for service subdomains*
- *Service subdomain override*

For more information, read our [Service Subdomains Explanation](#) and [Renaming Proxy Subdomains](#) documentation.

## The *Prevent cpsrvd from serving standard HTTP ports* Tweak Setting

In cPanel & WHM version 76, we added the *Prevent cpsrvd from serving standard HTTP ports* setting to the *Systems* tab of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*). This setting prevents the `cpsrvd` daemon from taking over the standard HTTP ports when you disable the system's *Web Server* role. This action renders any cPanel & WHM features that depend on the standard HTTP ports partially or entirely unusable. These features include service subdomains, AutoSSL, Mailman, and BoxTrapper.

## OV and EV certificate status information

In cPanel & WHM version 76, we added the status of an SSL certificate request to cPanel's *SSL/TLS Wizard* interface (*cPanel >> Home >> Security >> SSL/TLS Wizard*). This interface displays actionable URLs for users to expedite the validation process, if available.

## WHM's MariaDB/MySQL Upgrade interface moved

As of cPanel & WHM version 76, WHM's *MySQL/MariaDB Upgrade* interface (*WHM >> Home >> SQL Services >> MySQL/MariaDB Upgrade*) resides in the *SQL Section* of the WHM interface.

## Reduced greylist default deferral time to five minutes

In cPanel and WHM version 76, we reduced the greylist default deferral time to five minutes, down from ten minutes. This reduces time during which greylisting defers email from an unknown triplet. This time begins when the server receives the first email from an unknown IP address.

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

## The FTP user interfaces are service-dependent

In cPanel & WHM version 76, the following interfaces are only available when the server has FTP services enabled:

- WHM's *FTP Server Configuration* interface (*WHM >> Home >> Service Configuration >> FTP Server Configuration*)
- WHM's *Raw FTP Log Download* interface (*WHM >> Home >> Account Functions >> Raw FTP Log Download*)

- WHM's *FTP Server (ProFTPD/PureFTPD)* interface (*WHM >> Home >> Restart Services >> FTP Server (ProFTPD/PureFTPD)*).
- cPanel's *FTP Connections* interface (*cPanel >> Home >> Files >> FTP Connections*).
- cPanel's *Anonymous FTP* interface (*cPanel >> Home >> Files >> Anonymous FTP*).
- cPanel's *FTP Accounts* interface (*cPanel >> Home >> Files >> FTP Accounts*).

For more information, read our [Service Manager](#) documentation.

## PowerDNS manual migration notification

In cPanel & WHM version 76.0.5, we added the following entry to WHM's *Contact Manager* interface (*WHM >> Home >> Server Contacts >> Contact Manager*):

- *Migrate PowerDNS Configuration Upon Upgrade*

To customize system notifications, read our [Notification Templates](#) documentation.

## Service subdomain and port combination displays the correct log in interface

In cPanel & WHM version 76, users can log in via the [service subdomain](#), [associated port](#), or a combination of both. For example, a cPanel user would navigate to the same login interface if they enter **any** of the following websites into their browser:

- `cpanel.example.com`
- `example.com:2083`
- `cpanel.example.com:2083`

Previously, `cpssrvc` would provide the default SSL certificate for service subdomain requests, which usually prompted domain mismatch warnings in browsers.

## Terminal resource usage limitations

In cPanel & WHM version 76 and later, the *Terminal* feature imposes the same process resource limitations that the Pluggable Authentication Module (PAM) imposes on login sessions. This ensures consistency for users who connect via SSH or the Terminal feature. In cPanel & WHM version 74 and earlier, the Terminal feature inherited resource limitation settings from the `cpssrvc` service.

## Deprecated and removed items

### SquirrelMail deprecation

By default, new installations of cPanel & WHM will **not** include SquirrelMail. This change will not currently impact enabled SquirrelMail installations on existing cPanel & WHM servers.

- We plan to remove SquirrelMail entirely in a future version of cPanel & WHM. For more information, read our [cPanel Deprecation Plan](#) documentation.
- As part of this deprecation, we have removed the *Enable Squirrelmail webmail* setting from the *Mail* section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*) and the `skipsqmail` setting from the `/var/cpanel/cpanel.config` file.

### Removal of SSL Sharing

In cPanel & WHM version 76, we removed the ability to share SSL certificates. This change affects the following interfaces:

- In cPanel, we **removed** the *Manage Certificate Sharing* interface (*cPanel >> Home >> Security >> SSL/TLS*).
- In WHM, the *Manage SSL Hosts* interface (*WHM >> Home >> SSL/TLS >> Manage SSL Hosts*) and the *Apache mod\_userdir Tweak Tweak* interface (*WHM >> Home >> Security Center >> Apache mod\_userdir Tweak*).

### Removal of Zendguard Optimizer

We removed *zend* (Zendguard Optimizer) as an option for the *cPanel PHP loader* setting in the *PHP* section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*). This PHP loader only supports PHP up to version 5 and thus is incompatible with cPanel & WHM's upgrade to PHP 7.2. For more information, read [Zend's](#) documentation.

## Legacy Dovecot authentication removed

- We removed the legacy `/usr/local/cpanel/bin/dovecot-auth` and the `/usr/local/cpanel/bin/dovecot-wrap` binaries. The system now uses the more efficient `DICT lookups`.
- When you upgrade to cPanel & WHM version 76, the system invalidates the `.local Dovecot@` configuration template (for example, `(/var/cpanel/templates/dovecot2.2/main.local)` that references the deprecated `/usr/local/cpanel/bin/dovecot-wrap` binary. If a system's `.local Dovecot` configuration template references this binary, the system saves its `.local` template then rebuilds the `.local` file with the standard template. You **must** reapply your customizations to the **new** `.local` template. For more information about Dovecot customizations, read our [Mailserver Configuration](#) documentation.

### Important:

- We **strongly recommend** that you back up any `.local` template customizations before you upgrade.
- If you use the `/var/cpanel/templates/dovecot2.2/main.local` file to override the default Dovecot configuration template, you **must** merge the changes in the `/usr/local/cpanel/src/templates/dovecot2.2/main.default` file when you upgrade to cPanel & WHM version 76; otherwise you will **lose** your customizations.
- You should verify that your prior customizations will function version 76. For more information, read our [Mailserver Configuration](#) documentation.

## Appendix A: Third-party applications

### cPanel-provided

cPanel & WHM version 76 includes the following third-party applications:

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

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

Third-party application	Version	Source
analog	6.0	RPM
AngularJS	1.4.4	RPM
AngularJS for Bootstrap	1.2.5	RPM
AWStats	7.7	RPM
Bootstrap	3.1.1	RPM
Bootstrap RTL	0.9.16	RPM
Chosen	1.5.1	RPM
CKEditor	4.5.8	RPM
ClamAV	0.100.1	RPM
cPanel Common Licenses RPM	1.0.0	RPM
cpanel-ace-editor	1.3.1	RPM
cpanel-angular-chosen	1.4.0	RPM
cpanel-angular-growl-2	0.7.3	RPM
cpanel-angular-ui-scroll	1.6.1	RPM
cpanel-axe-core	3.0.2	RPM
cpanel-bindp	1.0.0	RPM
cpanel-chosen-1.1.0	1.1.0	RPM
cpanel-d3-js	3.5.6	RPM
cpanel-dnspython	1.12.0	RPM

cpanel-editarea	0.8.2	RPM
cpanel-eventsource-polyfill-js	1.0.0	RPM
cpanel-geoipfree-data	74.1	RPM
cpanel-gridstack	0.2.4	RPM
cpanel-handlebarsjs	1.0.0	RPM
cpanel-jquery-ui-touch-punch	0.2.3	RPM
cpanel-jsforge-js	0.7.0	RPM
cpanel-jstz-js	1.0.4	RPM
cpanel-lodash	4.8.2	RPM
cpanel-lodash-3.10.1	3.10.1	RPM
cpanel-mailman	2.1.27	RPM
cpanel-mariadb-connector	3.0.3	RPM
cpanel-moment	2.9.0	RPM
cpanel-pam-cpses	72.0	RPM
cpanel-pam-hulk	72.0	RPM
cpanel-pdns	4.1.3	RPM
cpanel-perl-524	5.24.1	RPM
cpanel-php-composer	1.6.2	RPM
cpanel-phpmysqladmin	4.8.2	RPM
cpanel-phppgadmin	5.1	RPM
cpanel-qrcodejs	0.0.1	RPM
cpanel-roundcubemail	1.3.6	RPM
cpanel-sqlite	3.22.0	RPM
cpanel-version	[% cpanel_display_version %]	RPM
cpanel-wrap	72.5	RPM
cpanel-xtermjs-js	3.3.0	RPM
Dovecot	2.2.36	RPM
elFinder	2.1.11	RPM
Exim	4.91	RPM
FontAwesome	5.0.6	RPM
Git	2.19.0	RPM
HTML Tidy	1.1	RPM
IMAP	2007f	RPM
jQuery 3.2.0	3.2.0	RPM
Libmccrypt	2.5.8	RPM
libspf2	1.2.10	RPM
libsrs_alt SRS library	1.0	RPM

MCE::Shared	1.838	RPM
Mongrel	1.1.5	src/3rdparty/ruby/gems
MyDNS	1.2.8.31	RPM
MySQL®	5.1.73	RPM
MySQL® 5.5	5.5.61	RPM
MySQL® 5.6	5.6.41	RPM
NSD	3.2.18	RPM
Open Sans	1.0	RPM
p0f	3.09b	RPM
PigZ	2.4	RPM
PostgreSQL	9.2.23	RPM
ProFTPd	1.3.6	RPM
Pure-FTP	1.0.47	RPM
PuttyGen	0.70	RPM
Rack	1.1.6	src/3rdparty/ruby/gems
re2c	1.0.3	RPM
RequireJS	2.1.14	RPM
rpm_is_working	1.0	RPM
RRDs	v1.5.5	RPM
rrdtool	1.5.5	RPM
site-publisher-templates	1.0	RPM
splitlogs	1.0	RPM
squirrelmail client for webmail	2012.12.09	RPM
Test2::Harness	0.001065	RPM
User::Perl	1.0	RPM
Webalizer	2.23_08	RPM
yui (Yahoo User Experience Tools)	2.9.0	RPM

## PHP Modules

cPanel & WHM version 76 includes the following PHP modules:

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

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

Third-party application	Version	Source
Auth_SASL	1.0.6	RPM
Cache	1.5.6	RPM
Console_Color	1.0.3	RPM
Console_Table	1.1.5	RPM

content	2.0.6	RPM
cpanel-php72	7.2.7	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	5.2.18	RPM
Horde_Alarm	2.2.10	RPM
Horde_Argv	2.1.0	RPM
Horde_Auth	2.2.2	RPM
Horde_Autoloader	2.1.2	RPM
Horde_Browser	2.0.15	RPM
Horde_Cache	2.5.5	RPM
Horde_Cli	2.3.0	RPM
Horde_Compress	2.2.1	RPM
Horde_Compress_Fast	1.1.1	RPM
Horde_Constraint	2.0.3	RPM
Horde_Controller	2.0.5	RPM
Horde_Core	2.31.3	RPM
Horde_Crypt	2.7.12	RPM
Horde_Crypt_Blowfish	1.1.2	RPM
Horde_Css_Parser	1.0.11	RPM
Horde_CssMinify	1.0.4	RPM
Horde_Data	2.1.4	RPM
Horde_Date	2.4.1	RPM
Horde_Date_Parser	2.0.6	RPM
Horde_Dav	1.1.4	RPM
Horde_Db	2.4.0	RPM
Horde_Editor	2.0.5	RPM
Horde_ElasticSearch	1.0.4	RPM
Horde_Exception	2.0.8	RPM
Horde_Feed	2.0.4	RPM
Horde_Form	2.0.18	RPM
Horde_Group	2.1.1	RPM
Horde_HashTable	1.2.6	RPM
Horde_History	2.3.6	RPM
Horde_Http	2.1.7	RPM
Horde_Icalendar	2.1.8	RPM
Horde_Idna	1.1.1	RPM
Horde_Image	2.5.3	RPM
Horde_Imap_Client	2.29.16	RPM
Horde_Imsp	2.0.10	RPM
Horde_Injector	2.0.5	RPM



Horde_Itip	2.1.2	RPM
Horde_JavascriptMinify	1.1.5	RPM
Horde_Kolab_Format	2.0.9	RPM
Horde_Kolab_Session	2.0.3	RPM
Horde_ListHeaders	1.2.5	RPM
Horde_Lock	2.1.4	RPM
Horde_Log	2.3.0	RPM
Horde_LoginTasks	2.0.7	RPM
horde_lz4	1.0.10	RPM
Horde_Mail	2.6.4	RPM
Horde_Mail_Autoconfig	1.0.3	RPM
Horde_Mime	2.11.0	RPM
Horde_Mime_Viewer	2.2.2	RPM
Horde_Nls	2.2.1	RPM
Horde_Notification	2.0.4	RPM
Horde_Oauth	2.0.4	RPM
Horde_Pack	1.0.7	RPM
Horde_Pdf	2.0.7	RPM
Horde_Perms	2.1.7	RPM
Horde_Prefs	2.9.0	RPM
Horde_Queue	1.1.5	RPM
Horde_Rdo	2.1.0	RPM
Horde_Role	1.0.1	RPM
Horde_Routes	2.0.5	RPM
Horde_Rpc	2.1.8	RPM
Horde_Secret	2.0.6	RPM
Horde_Serialize	2.0.5	RPM
Horde_Service_Facebook	2.0.10	RPM
Horde_Service_Twitter	2.1.6	RPM
Horde_SessionHandler	2.2.9	RPM
Horde_Share	2.2.0	RPM
Horde_Smtp	1.9.5	RPM
Horde_Socket_Client	2.1.2	RPM
Horde_SpellChecker	2.1.3	RPM
Horde_Stream	1.6.3	RPM
Horde_Stream_Filter	2.0.4	RPM
Horde_Stream_Wrapper	2.1.4	RPM

Horde_Support	2.2.0	RPM
Horde_SyncML	2.0.7	RPM
Horde_Template	2.0.3	RPM
Horde_Text_Diff	2.2.0	RPM
Horde_Text_Filter	2.3.5	RPM
Horde_Text_Flowed	2.0.3	RPM
Horde_Timezone	1.1.0	RPM
Horde-Token	2.0.9	RPM
Horde_Translation	2.2.2	RPM
Horde_Tree	2.0.5	RPM
Horde_Url	2.2.6	RPM
Horde_Util	2.5.8	RPM
Horde_Vfs	2.4.0	RPM
Horde_View	2.0.6	RPM
Horde_Xml_Element	2.0.4	RPM
Horde_Xml_Wbxml	2.0.3	RPM
Horde_Yaml	2.0.7	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	6.2.22	RPM
ingo	3.2.16	RPM
ionCube Loader	10.2.2	RPM
Kronolith	4.2.24	RPM
Log	1.12.7	RPM
Mail	1.2.0	RPM
Mail_Mime	1.8.3	RPM
MDB2	2.4.1	RPM
Mnemo	4.2.14	RPM
nag	4.2.18	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_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
Services_Weather	1.4.7	RPM
SOAP	0.13.0	RPM
SourceGuardian PHP Encoder	11.2	RPM
Text_Figlet	1.0.2	RPM
timeobjects	2.1.4	RPM
trean	1.1.9	RPM
turba	4.2.22	RPM
webmail	5.2.22	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

## Perl modules

cPanel & WHM version 76 includes the following Perl modules:

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

▼ **Third-party Perl modules: CentOS, CloudLinux™, or RHEL® 6 or 7, 64-bit architecture...**

Third-party application	Version	Source
ack	2.18	RPM
Acme::Bleach	1.150	RPM
Acme::Damn	0.08	RPM
Acme::Spork	v0.0.8	RPM
Algorithm::C3	0.10	RPM
Algorithm::Dependency	1.110	RPM
Algorithm::Diff	1.1903	RPM
aliased	0.34	RPM
Amazon::S3	0.45	RPM
Any::URI::Escape	0.01	RPM
AnyEvent	7.14	RPM
Apache SpamAssassin	3.004001	RPM
Apache::LogFormat::Compiler	0.35	RPM
App::Cmd	0.331	RPM
App::CmdDispatch	0.43	RPM
App::cpanminus	1.7044	RPM

App::Nopaste	1.010	RPM
App::perlbrew	0.84	RPM
App::Prove::Plugin::Elasticsearch	0.001	RPM
AppConfig	1.71	RPM
Archive::Any	0.0945	RPM
Archive::Extract	0.80	RPM
Archive::Tar::Builder	2.5002	RPM
Archive::Tar::Streamed	0.03	RPM
Archive::Tar::Wrapper	0.23	RPM
Archive::Zip	1.59	RPM
Array::Base	0.006	RPM
Authen::Libwrap	0.23	RPM
Authen::SASL	2.16	RPM
autobox	2.85	RPM
B::C	5.026014	RPM
B::Flags	0.17	RPM
B::Hooks::EndOfScope	0.21	RPM
B::Hooks::OP::Check	0.22	RPM
B::Keywords	1.15	RPM
B::Lint	1.20	RPM
B::Utils	0.27	RPM
bareword::filehandles	0.005	RPM
Browser::Open	0.04	RPM
BSD::Resource	1.2911	RPM
Build::PPK	0.03	RPM
Business::ISBN::Data	20140910.003	RPM
Business::ISBN	3.004	RPM
Business::OnlinePayment::AuthorizeNet	3.23	RPM
Business::OnlinePayment	3.04	RPM
Business::UPS	2.01	RPM
Cache::Cache	1.08	RPM
Cache::FastMmap	1.46	RPM
Cache::Memcached::GetParserXS	0.01	RPM
Cache::Memcached	1.30	RPM
Call::Context	0.02	RPM
Canary::Stability	2012	RPM
Capture::Tiny	0.46	RPM

Carp::Always	0.13	RPM
Carp::Clan	6.06	RPM
Catalyst::Action::RenderView	0.16	RPM
Catalyst::Action::REST	1.20	RPM
Catalyst::ActionRole::ACL	0.07	RPM
Catalyst::Authentication::Store::DBIx::Class	0.1506	RPM
Catalyst::Component::InstancePerContext	0.001001	RPM
Catalyst::Controller::ActionRole	0.17	RPM
Catalyst::Devel	1.39	RPM
Catalyst::Log::Log4perl	1.06	RPM
Catalyst::Model::DBIC::Schema	0.65	RPM
Catalyst::Plugin::Authentication	0.10023	RPM
Catalyst::Plugin::Authorization::Roles	0.09	RPM
Catalyst::Plugin::AutoCRUD	2.200002	RPM
Catalyst::Plugin::Cache::FastMmap	0.9	RPM
Catalyst::Plugin::Cache	0.12	RPM
Catalyst::Plugin::ConfigLoader	0.34	RPM
Catalyst::Plugin::HashedCookies	1.131710	RPM
Catalyst::Plugin::Redirect	0.02	RPM
Catalyst::Plugin::Session::State::Cookie	0.17	RPM
Catalyst::Plugin::Session::Store::FastMmap	0.16	RPM
Catalyst::Plugin::Session	0.40	RPM
Catalyst::Plugin::StackTrace	0.12	RPM
Catalyst::Plugin::Static::Simple	0.34	RPM
Catalyst::Plugin::UploadProgress	0.06	RPM
Catalyst::Runtime	5.90115	RPM
Catalyst::TraitFor::Request::BrowserDetect	0.02	RPM
Catalyst::View::JSON	0.36	RPM
Catalyst::View::TT	0.44	RPM
CatalystX::Component::Traits	0.19	RPM
CatalystX::RoleApplicator	0.005	RPM
CDB_File	0.99	RPM
CGI::Deurl::XS	0.08	RPM
CGI::Session	4.48	RPM
CGI::Simple	1.115	RPM
CGI::Struct	1.21	RPM
CGI	4.36	RPM

Class::Accessor::Chained	0.01	RPM
Class::Accessor::Grouped	0.10012	RPM
Class::Accessor	0.34	RPM
Class::Base	0.08	RPM
Class::C3::Adopt::NEXT	0.14	RPM
Class::C3::Componentised	1.001000	RPM
Class::C3	0.33	RPM
Class::Data::Inheritable	0.08	RPM
Class::ErrorHandler	0.04	RPM
Class::Factory::Util	1.7	RPM
Class::Inner	0.200001	RPM
Class::Inspector	1.32	RPM
Class::Load::XS	0.10	RPM
Class::Load	0.24	RPM
Class::Loader	2.03	RPM
Class::Method::Modifiers	2.12	RPM
Class::Singleton	1.5	RPM
Class::Std::Utils	v0.0.3	RPM
Class::Std	0.013	RPM
Class::Tiny::Chained	0.004	RPM
Class::Tiny	1.006	RPM
Class::Unload	0.11	RPM
Class::XSAccessor	1.19	RPM
Clipboard	0.13	RPM
Clone::PP	1.07	RPM
Clone	0.39	RPM
common::sense	3.74	RPM
Compress::Bzip2	2.26	RPM
Compress::Raw::Lzma	2.074	RPM
Config::Any	0.29	RPM
Config::Crontab	1.45	RPM
Config::General	2.63	RPM
Config::GitLike	1.17	RPM
Config::Identity	0.0019	RPM
Config::INI	0.025	RPM
Config::MVP::Reader::INI	2.101463	RPM
Config::MVP	2.200010	RPM

Config::Simple	4.58	RPM
Config::Tiny	2.23	RPM
Context::Preserve	0.02	RPM
Contextual::Return	0.004014	RPM
Convert::ASCII::Armour	1.4	RPM
Convert::ASN1	0.27	RPM
Convert::BinHex	1.125	RPM
Convert::PEM	0.08	RPM
Convert::TNEF	0.18	RPM
Cookie::Baker	0.08	RPM
CPAN::DistnameInfo	0.12	RPM
CPAN::Meta::Check	0.014	RPM
CPAN::Perl::Releases	3.66	RPM
CPAN::SQLite	0.211	RPM
CPAN::Uploader	0.103013	RPM
cpanel-perl-526	5.26.0	RPM
Cpanel::Class	v1.0.6	RPM
Cpanel::Cleanup	0.4	RPM
Cpanel::CORE::Dependencies	2.0	RPM
Cpanel::JSON::XS	3.0237	RPM
cPanel::MemTest	0.3	RPM
Cpanel::Optimizer	0.3	RPM
Cpanel::OS	0.9	RPM
Cpanel::POSIX::Tiny	1.3	RPM
cPanel::PublicAPI	2.2	RPM
cPanel::SyncUtil	0.8	RPM
cPanel::TaskQueue	0.850	RPM
Cpanel::UniqId	0.2	RPM
Crypt::Blowfish	2.14	RPM
Crypt::CAST5_PP	1.04	RPM
Crypt::CBC	2.33	RPM
Crypt::DES	2.07	RPM
Crypt::DES_EDE3	0.01	RPM
Crypt::DSA	1.17	RPM
Crypt::Ed25519	1.04	RPM
Crypt::Format	0.07	RPM
Crypt::GPG	1.64	RPM

Crypt::IDEA	1.10	RPM
Crypt::JWT	0.018	RPM
Crypt::OpenPGP	1.12	RPM
Crypt::OpenSSL::Bignum	0.08	RPM
Crypt::OpenSSL::DSA	0.19	RPM
Crypt::OpenSSL::PKCS10	0.16	RPM
Crypt::OpenSSL::PKCS12	0.7	RPM
Crypt::OpenSSL::Random	0.11	RPM
Crypt::OpenSSL::RSA	0.28	RPM
Crypt::OpenSSL::X509	1.809	RPM
Crypt::Passwd::XS	0.601	RPM
Crypt::PKCS10	1.800201	RPM
Crypt::Primes	0.50	RPM
Crypt::Random	1.25	RPM
Crypt::RC4	2.02	RPM
Crypt::Rijndael	1.13	RPM
Crypt::Rijndael_PP	0.05	RPM
Crypt::RIPEMD160	0.06	RPM
Crypt::RSA	1.99	RPM
Crypt::SaltedHash	0.09	RPM
Crypt::SSLeay	0.72	RPM
Crypt::Twofish	2.17	RPM
Crypt::URandom	0.36	RPM
Crypt::X509	0.51	RPM
CryptX	0.051	RPM
CSS::Simple	3223	RPM
CSS::SpriteMaker	1.01	RPM
Curses::UI	0.9609	RPM
Curses	1.36	RPM
Dancer2::Plugin::Auth::Extensible	0.704	RPM
Dancer2::Plugin::DBIC	0.0013	RPM
Dancer2::Plugin::REST	1.02	RPM
Dancer2	0.205001	RPM
Danga::Socket	1.61	RPM
Data::Buffer	0.04	RPM
Data::Compare	1.25	RPM
Data::Dump::Streamer	2.40	RPM



Data::Dump	1.23	RPM
Data::Dumper::Concise	2.023	RPM
Data::MessagePack	1.00	RPM
Data::Munge	0.097	RPM
Data::OptList	0.110	RPM
Data::Page	2.02	RPM
Data::Printer	0.40	RPM
Data::Random	0.12	RPM
Data::Rmap	0.65	RPM
Data::Section	0.200007	RPM
Data::Serializer	0.60	RPM
Data::Util	0.66	RPM
Data::UUID	1.221	RPM
Data::Validate::Domain	0.14	RPM
Data::Validate::IP	0.27	RPM
Data::Validate::URI	0.07	RPM
Data::Visitor	0.30	RPM
Date::Manip	6.59	RPM
Date::Simple	3.03	RPM
DateTime::Format::Builder	0.81	RPM
DateTime::Format::Pg	0.16013	RPM
DateTime::Format::Strptime	1.74	RPM
DateTime::Locale	1.16	RPM
DateTime::TimeZone	2.13	RPM
DateTime	1.43	RPM
DBD::Mock	1.45	RPM
DBD::mysql	4.046_01	RPM
DBD::Pg	3.7.4	RPM
DBD::PgPP	0.08	RPM
DBD::SQLite2	0.37	RPM
DBD::SQLite	1.56	RPM
DBI	1.637	RPM
DBICx::Sugar	0.0100	RPM
DBIx::Class::InflateColumn::Serializer	0.09	RPM
DBIx::Class::Schema::Loader	0.07047	RPM
DBIx::Class	0.082840	RPM
DBIx::MyParsePP	0.50	RPM

Devel::CallChecker	0.008	RPM
Devel::Caller	2.06	RPM
Devel::CallParser	0.002	RPM
Devel::CheckLib	1.11	RPM
Devel::CheckOS	1.80	RPM
Devel::Cover	1.26	RPM
Devel::FindPerl	0.014	RPM
Devel::GlobalDestruction::XS	0.03	RPM
Devel::GlobalDestruction	0.14	RPM
Devel::GlobalPhase	0.003003	RPM
Devel::Hide	0.0009	RPM
Devel::LexAlias	0.05	RPM
Devel::NYTProf	6.04	RPM
Devel::OverloadInfo	0.004	RPM
Devel::PatchPerl	1.52	RPM
Devel::QuickCover	0.900010	RPM
Devel::REPL	1.003028	RPM
Devel::Size	0.81	RPM
Devel::StackTrace::AsHTML	0.15	RPM
Devel::StackTrace	2.02	RPM
Devel::Syndump	2.18	RPM
Devel::Trace	0.12	RPM
Devel::TraceUse	2.095	RPM
Diff::LibXDiff	0.05	RPM
Digest::BubbleBabble	0.02	RPM
Digest::FNV	2.00	RPM
Digest::HMAC	1.03	RPM
Digest::MD2	2.04	RPM
Digest::MD4	1.9	RPM
Digest::MD5::File	0.08	RPM
Digest::Perl::MD5	1.9	RPM
Digest::SHA1	2.13	RPM
Directory::Queue	1.9	RPM
Dist::CheckConflicts	0.11	RPM
Dist::Zilla::Plugin::Config::Git	0.92	RPM
Dist::Zilla::Plugin::Git	2.042	RPM
Dist::Zilla::Plugin::GitHub	0.44	RPM

Dist::Zilla::Plugin::PerlTidy	0.21	RPM
Dist::Zilla::Plugin::PodWeaver	4.008	RPM
Dist::Zilla::Plugin::Prereqs::FromCPANfile	0.08	RPM
Dist::Zilla::Plugin::Repository	0.20	RPM
Dist::Zilla::Plugin::Test::Perl::Critic	3.001	RPM
Dist::Zilla	6.010	RPM
Dumbbench	0.111	RPM
DynaLoader::Functions	0.003	RPM
Email::Abstract	3.008	RPM
Email::Address::XS	1.03	RPM
Email::Date::Format	1.005	RPM
Email::MessageID	1.406	RPM
Email::MIME::ContentType	1.021	RPM
Email::MIME::Encodings	1.315	RPM
Email::MIME	1.945	RPM
Email::Sender	1.300031	RPM
Email::Simple	2.213	RPM
Email::Valid	1.202	RPM
Encode::Detect	1.01	RPM
Encode::Locale	1.05	RPM
Encoding::BER	1.02	RPM
Env::Path	0.19	RPM
Error	0.17025	RPM
EV	4.22	RPM
Eval::Closure	0.14	RPM
Exception::Class	1.43	RPM
Expect	1.35	RPM
Exporter::Tiny	1.000000	RPM
ExtUtils::Config	0.008	RPM
ExtUtils::Helpers	0.026	RPM
ExtUtils::InstallPaths	0.011	RPM
ExtUtils::MakeMaker::CPANfile	0.08	RPM
FCGI	0.78	RPM
File::BaseDir	0.07	RPM
File::ChangeNotify	0.27	RPM
File::chdir	0.1010	RPM
File::CheckTree	4.42	RPM

File::Comments	0.08	RPM
File::Copy::Recursive	0.38	RPM
File::DesktopEntry	0.22	RPM
File::Find::Rule::Filesys::Virtual	1.22	RPM
File::Find::Rule::Perl	1.15	RPM
File::Find::Rule	0.34	RPM
File::HomeDir	1.002	RPM
File::Listing	6.04	RPM
File::MimeInfo	0.28	RPM
File::MMagic::XS	0.09008	RPM
File::MMagic	1.30	RPM
File::Next	1.16	RPM
File::NFSLock	1.27	RPM
File::Path::Tiny	0.8	RPM
File::pushd	1.014	RPM
File::ReadBackwards	1.05	RPM
File::Remove	1.57	RPM
File::Rename	0.20	RPM
File::Rsync	0.49	RPM
File::Scan::ClamAV	1.95	RPM
File::Share	0.25	RPM
File::ShareDir::Install	0.11	RPM
File::ShareDir::ProjectDistDir	1.000009	RPM
File::ShareDir	1.104	RPM
File::Slurp::Tiny	0.004	RPM
File::Slurp	9999.19	RPM
File::Slurper	0.009	RPM
File::Tail	1.3	RPM
File::Touch	0.11	RPM
File::Which	1.21	RPM
Filesys::Df	0.92	RPM
Filesys::Notify::Simple	0.12	RPM
Filesys::POSIX	v0.9.19	RPM
Filesys::Statvfs	0.82	RPM
Filesys::Virtual	0.06	RPM
Font::AFM	1.20	RPM
forks	0.36	RPM

GD	2.66	RPM
GDGraph	1.54	RPM
GDTextUtil	0.86	RPM
Gearman	v2.4.8	RPM
Geo::IP	1.50	RPM
Geo::IPfree	1.151940	RPM
Geography::Countries	2009041301	RPM
Getopt::Euclid	0.004005	RPM
Getopt::Long::Descriptive	0.100	RPM
Getopt::Param::Tiny	0.5	RPM
Getopt::Param	0.0.5	RPM
Git::Raw	0.79	RPM
Git::Repository	1.320	RPM
Git::Version::Compare	1.004	RPM
Git::Wrapper	0.047	RPM
goto::file	0.005	RPM
Graph::Easy::As_svg	0.26	RPM
Graph::Easy::Manual	0.41	RPM
Graph::Easy	0.76	RPM
Graph::Flowchart	0.11	RPM
GSSAPI	0.28	RPM
Guard	1.023	RPM
Hash::Merge::Simple	0.051	RPM
Hash::Merge	0.200	RPM
Hash::MultiValue	0.16	RPM
Hash::Util::FieldHash::Compat	0.11	RPM
Hook::LexWrap	0.26	RPM
HTML::Form	6.03	RPM
HTML::Formatter	2.16	RPM
HTML::Parser	3.72	RPM
HTML::StripTags	1.01	RPM
HTML::Tagset	3.20	RPM
HTML::Template	2.97	RPM
HTML::Tree	5.06	RPM
HTTP::Body	1.22	RPM
HTTP::BrowserDetect	3.14	RPM
HTTP::CookieJar	0.008	RPM

HTTP::Cookies	6.04	RPM
HTTP::Daemon::App	v0.0.9	RPM
HTTP::Daemon::SSL	1.04	RPM
HTTP::Daemon	6.01	RPM
HTTP::Date	6.02	RPM
HTTP::DAV	0.48	RPM
HTTP::Entity::Parser	0.20	RPM
HTTP::Headers::Fast	0.21	RPM
HTTP::Message	6.13	RPM
HTTP::MultiPartParser	0.02	RPM
HTTP::Negotiate	6.01	RPM
HTTP::Parser::XS	0.17	RPM
HTTP::Request::AsCGI	1.2	RPM
HTTP::Response::CGI	1.0	RPM
HTTP::Response::Stringable	0.0002	RPM
HTTP::Server::Simple	0.52	RPM
HTTP::ServerEvent	0.02	RPM
HTTP::Tiny::UA	0.004	RPM
HTTP::XSCookies	0.000014	RPM
HTTP::XSHeaders	0.400003	RPM
Image::Base	1.17	RPM
Image::Info	1.41	RPM
Image::Size	3.300	RPM
Image::Xbm	1.10	RPM
Image::Xpm	1.13	RPM
Import::Into	1.002005	RPM
Importer	0.025	RPM
indirect	0.37	RPM
IO::AIO	4.34	RPM
IO::All	0.87	RPM
IO::Callback	1.12	RPM
IO::CaptureOutput	1.1104	RPM
IO::CloseFDs	1.01	RPM
IO::FDPass	1.2	RPM
IO::Framed	0.04	RPM
IO::HTML	1.001	RPM
IO::Interactive::Tiny	0.2	RPM

IO::Interactive	1.022	RPM
IO::Interface	1.09	RPM
IO::Prompt	0.997004	RPM
IO::Prompter	0.004014	RPM
IO::SessionData	1.03	RPM
IO::SigGuard	0.10	RPM
IO::Socket::ByteCounter	v0.0.2	RPM
IO::Socket::INET6	2.72	RPM
IO::Socket::IP	0.39	RPM
IO::Socket::PortState	0.03	RPM
IO::Socket::SSL	2.049	RPM
IO::String	1.08	RPM
IO::stringy	2.111	RPM
IO::Stty	0.03	RPM
IO::TieCombine	1.005	RPM
IO::Tty	1.12	RPM
IP::Country	2.28	RPM
IPC::Pipeline	1.0	RPM
IPC::Run3	0.048	RPM
IPC::Run	0.96	RPM
IPC::ShareLite	0.17	RPM
IPC::System::Simple	1.25	RPM
JIRA::REST	0.018	RPM
JSON::Any	1.39	RPM
JSON::DWIW	0.47	RPM
JSON::MaybeXS	1.003009	RPM
JSON::PP	2.97001	RPM
JSON::WebToken	0.10	RPM
JSON::XS	3.04	RPM
JSON	2.94	RPM
Lchown	1.01	RPM
Lexical::Persistence	1.020	RPM
Lexical::SealRequireHints	0.011	RPM
lib::restrict	v0.0.5	RPM
libwww::perl	6.26	RPM
libxml::perl	0.08	RPM
Lingua::EN::FindNumber	1.32	RPM

Lingua::EN::Inflect::Number	1.12	RPM
Lingua::EN::Inflect::Phrase	0.18	RPM
Lingua::EN::Inflect	1.902	RPM
Lingua::EN::Number::IsOrdinal	0.05	RPM
Lingua::EN::Tagger	0.28	RPM
Lingua::EN::Words2Nums	0.18	RPM
Lingua::PT::Stemmer	0.02	RPM
Lingua::Stem::Fr	0.02	RPM
Lingua::Stem::It	0.02	RPM
Lingua::Stem::Ru	0.04	RPM
Lingua::Stem::Snowball::Da	1.01	RPM
Lingua::Stem	0.84	RPM
Linux::Ext2::FileAttributes	0.01	RPM
Linux::Inotify2	1.22	RPM
List::AllUtils	0.14	RPM
List::Cycle	1.02	RPM
List::MoreUtils::XS	0.428	RPM
List::MoreUtils	0.428	RPM
List::SomeUtils::XS	0.55	RPM
List::SomeUtils	0.56	RPM
List::UtilsBy	0.10	RPM
local::lib	2.000023	RPM
Locale::Maketext::Pseudo	0.6	RPM
Locale::Maketext::Utils	0.42	RPM
Locales	0.34	RPM
Log::Any::Adapter::Callback	0.09	RPM
Log::Any	1.049	RPM
Log::Dispatch::Array	1.003	RPM
Log::Dispatch	2.66	RPM
Log::Dispatchouli	2.015	RPM
Log::Log4perl	1.49	RPM
Log::Message::Simple	0.10	RPM
Log::Message	0.08	RPM
LWP::MediaTypes	6.02	RPM
LWP::Protocol::https	6.07	RPM
LWP::Protocol::PSGI	0.10	RPM
LWP::UserAgent::Determined	1.07	RPM



LWP::UserAgent::DNS::Hosts	0.12	RPM
Mail::Alias::Reader	0.06	RPM
Mail::DKIM	0.42	RPM
Mail::DomainKeys	1.0	RPM
Mail::IMAPClient	3.39	RPM
Mail::POP3Client	2.19	RPM
Mail::SendEasy	1.2	RPM
Mail::Sender::Easy	v0.0.5	RPM
Mail::Sender	0.903	RPM
Mail::SPF	v2.9.0	RPM
Mail::SRS	0.31	RPM
MailTools	2.18	RPM
Math::Base85	0.2	RPM
Math::BigInt::GMP	1.6004	RPM
Math::BigInt::Pari	1.3003	RPM
Math::BigInt	1.999811	RPM
Math::Combinatorics	0.09	RPM
Math::Fibonacci::Phi	0.02	RPM
Math::Fibonacci	1.5	RPM
Math::Pari	2.01080900	RPM
Math::Permute::List	1.007	RPM
Math::Random::ISAAC::XS	1.004	RPM
Math::Round	0.07	RPM
MCE	1.836	RPM
MD5	2.03	RPM
Memoize::ExpireLRU	0.56	RPM
MIME::Base32	1.303	RPM
MIME::Charset	1.012.2	RPM
MIME::Lite	3.030	RPM
MIME::tools	5.508	RPM
MIME::Types	2.13	RPM
Mixin::Linewise	0.108	RPM
MLDBM	2.05	RPM
Module::Build::Tiny	0.039	RPM
Module::Build	0.4224	RPM
Module::CPANfile	1.1002	RPM
Module::Extract::VERSION	1.113	RPM

Module::Find	0.13	RPM
Module::Implementation	0.09	RPM
Module::Install	1.18	RPM
Module::Path	0.19	RPM
Module::Pluggable	5.2	RPM
Module::Refresh	0.17	RPM
Module::Runtime::Conflicts	0.003	RPM
Module::Runtime	0.015	RPM
Module::ScanDeps	1.24	RPM
Module::Signature	0.81	RPM
Module::Want	0.6	RPM
Mojo::JWT	0.05	RPM
Mojolicious::Plugin::OAuth2::Server	0.38	RPM
Mojolicious	7.67	RPM
Moment	1.3.1	RPM
Moo	2.003002	RPM
Moose::Autobox	0.16	RPM
Moose	2.2006	RPM
MooseX::AttributeShortcuts	0.034	RPM
MooseX::ConfigFromFile	0.14	RPM
MooseX::Daemonize	0.21	RPM
MooseX::Emulate::Class::Accessor::Fast	0.00903	RPM
MooseX::Getopt	0.71	RPM
MooseX::Has::Sugar	1.000006	RPM
MooseX::LazyRequire	0.11	RPM
MooseX::MarkAsMethods	0.15	RPM
MooseX::Meta::TypeConstraint::Mooish	0.001	RPM
MooseX::MethodAttributes	0.31	RPM
MooseX::NonMoose	0.26	RPM
MooseX::Object::Pluggable	0.0014	RPM
MooseX::OneArgNew	0.005	RPM
MooseX::Params::Validate	0.21	RPM
MooseX::RelatedClassRoles	0.004	RPM
MooseX::Role::Parameterized	1.10	RPM
MooseX::Role::WithOverloading	0.17	RPM
MooseX::SemiAffordanceAccessor	0.10	RPM
MooseX::SetOnce	0.200002	RPM

MooseX::SimpleConfig	0.11	RPM
MooseX::Singleton	0.30	RPM
MooseX::Traits::Pluggable	0.12	RPM
MooseX::Types::Common	0.001014	RPM
MooseX::Types::LoadableClass	0.015	RPM
MooseX::Types::Path::Class	0.09	RPM
MooseX::Types::Path::Tiny	0.012	RPM
MooseX::Types::Perl	0.101343	RPM
MooseX::Types::Stringlike	0.003	RPM
MooseX::Types	0.50	RPM
MooX::Types::MooseLike	0.29	RPM
Mouse	v2.4.10	RPM
Mozilla::CA	20170227	RPM
Mozilla::PublicSuffix	v1.0.0	RPM
MRO::Compat	0.13	RPM
multidimensional	0.013	RPM
munin	2.0.30	RPM
MySQL::Diff	0.50	RPM
namespace::autoclean	0.28	RPM
namespace::clean	0.27	RPM
Net::Address::IPv4::Local	0.12	RPM
Net::Amazon::Signature::V4	0.16	RPM
Net::CIDR::Lite	0.21	RPM
Net::CIDR	0.18	RPM
Net::Daemon::SSL	1.0	RPM
Net::Daemon	0.48	RPM
Net::DAV::Server	1.305	RPM
Net::DNS::SEC	1.03	RPM
Net::DNS	1.11	RPM
Net::Domain::TLD	1.75	RPM
Net::FastCGI	0.14	RPM
Net::FTPSSL	0.38	RPM
Net::Google::Drive::Simple	0.13	RPM
Net::HTTP	6.16	RPM
Net::HTTPS::Any	0.12	RPM
Net::HTTPTunnel	0.51	RPM
Net::Ident	1.24	RPM

Net::IDN::Encode	2.400	RPM
Net::IMAP::Client	0.9505	RPM
Net::IP::Match::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::OAuth2::AuthorizationServer	0.15	RPM
Net::OAuth	0.28	RPM
Net::OpenSSH	0.74	RPM
Net::RabbitMQ	0.2.8	RPM
Net::Server	2.009	RPM
Net::SFTP::Foreign	1.89	RPM
Net::SNMP	v6.0.1	RPM
Net::SOCKS	0.03	RPM
Net::SSLeay	1.85	RPM
Net::TCPWrappers	1.11	RPM
Net::Telnet	3.04	RPM
Net::Twitter::Lite	0.12008	RPM
Net::WebSocket	0.17	RPM
Net::Whois::IANA	0.41	RPM
Net::XMPP	1.05	RPM
NetAddr::IP	4.079	RPM
No::Worries	1.5	RPM
Number::Compare	0.03	RPM
Number::WithError	1.01	RPM
OAuth::Cmdline	0.06	RPM
OAuth::Lite2	0.11	RPM
Object::Accessor	0.48	RPM
Object::Signature	1.07	RPM
OIDC::Lite	0.10	RPM
OLE::Storage_Lite	0.19	RPM
Opcodes	0.14	RPM
Package::Constants	0.06	RPM
Package::DeprecationManager	0.17	RPM

Package::Stash::XS	0.28	RPM
Package::Stash	0.37	RPM
Package::Variant	1.003002	RPM
PadWalker	2.2	RPM
PAR::Dist	0.49	RPM
Parallel::ForkManager	1.19	RPM
Parallel::Subs	0.002	RPM
Params::Util	1.07	RPM
Params::Validate	1.29	RPM
Params::ValidationCompiler	0.24	RPM
Parse::RecDescent	1.967015	RPM
Path::Class	0.37	RPM
Path::FindDev	v0.5.3	RPM
Path::IsDev	1.001003	RPM
Path::Iter	0.2	RPM
Path::Iterator::Rule	1.012	RPM
Path::Tiny	0.104	RPM
Perl6::Junction	1.60000	RPM
Perl::Critic::Cpanel	0.04	RPM
Perl::Critic::Policy::CompileTime	0.03	RPM
Perl::Critic	1.130	RPM
perl::ldap	0.65	RPM
Perl::MinimumVersion	1.38	RPM
Perl::PrereqScanner	1.023	RPM
Perl::Strip	1.1	RPM
Perl::Tidy	20170521	RPM
Perl::Version	1.013	RPM
Perlbal	1.80	RPM
PerlIO::utf8_strict	0.007	RPM
PHP::Serialization	0.34	RPM
Plack::Middleware::FixMissingBodyInRedirect	0.12	RPM
Plack::Middleware::MethodOverride	0.15	RPM
Plack::Middleware::RemoveRedundantBody	0.05	RPM
Plack::Middleware::ReverseProxy	0.15	RPM
Plack::Test::ExternalServer	0.02	RPM
Plack	1.0044	RPM
Pod::Coverage	0.23	RPM

Pod::Elemental::PerlMunger	0.200006	RPM
Pod::Elemental	0.103004	RPM
Pod::Eventual	0.094001	RPM
Pod::LaTeX	0.61	RPM
Pod::Markdown	3.005	RPM
Pod::Spell	1.20	RPM
Pod::Weaver	4.015	RPM
POSIX::strftime::Compiler	0.42	RPM
PPI	1.236	RPM
PPIx::Regexp	0.051	RPM
PPIx::Utilities	1.001000	RPM
prefork	1.04	RPM
Pristine::Tar	1.40	RPM
Probe::Perl	0.03	RPM
Proc::Daemon	0.23	RPM
Proc::FastSpawn	1.2	RPM
Proc::PID::File	1.28	RPM
Proc::ProcessTable	0.53	RPM
Quota	1.7.2	RPM
Razor2::Client::Agent	2.84	RPM
Readonly::XS	1.05	RPM
Readonly	2.05	RPM
Ref::Util::XS	0.116	RPM
Ref::Util	0.203	RPM
Regexp::Parser	0.21	RPM
REST::Client	273	RPM
REST::Google::Translate2	v1.0.8	RPM
REST::Google	1.0.8	RPM
Return::MultiLevel	0.04	RPM
Role::HasMessage	0.006	RPM
Role::Identifiable	0.007	RPM
Role::Multiton	0.2	RPM
Role::Tiny	2.000005	RPM
Safe::Hole	0.13	RPM
Safe::Isa	1.000006	RPM
Schedule::Cron::Events	1.95	RPM
Scope::Guard	0.21	RPM

Scope::Upper	0.29	RPM
Search::Elasticsearch	6.00	RPM
Selenium::PageObject	0.012	RPM
Selenium::Remote::Driver	1.30	RPM
Sereal::Decoder	3.015	RPM
Sereal::Encoder	3.015	RPM
Sereal	3.015	RPM
Session::Token	1.503	RPM
Set::Crontab	1.03	RPM
Set::Object	1.35	RPM
Set::Scalar	1.29	RPM
Simple::Accessor	1.11	RPM
Smart::Comments	1.06	RPM
Snowball::Norwegian	1.2	RPM
Snowball::Swedish	1.2	RPM
SOAP::Lite	1.22	RPM
Socket6	0.28	RPM
Software::License	0.103012	RPM
Sort::Naturally	1.03	RPM
Sort::Versions	1.62	RPM
Specio	0.40	RPM
Spreadsheet::ParseExcel	0.65	RPM
Spreadsheet::Read	0.73	RPM
Spreadsheet::WriteExcel	2.40	RPM
SQL::Abstract	1.85	RPM
SQL::Statement	1.412	RPM
SQL::Translator	0.11021	RPM
Starman	0.4014	RPM
Statistics::CaseResampling	0.15	RPM
Statistics::Descriptive	3.0612	RPM
Stream::Buffered	0.03	RPM
strictures	2.000003	RPM
String::Base	0.003	RPM
String::BOM	0.3	RPM
String::CamelCase	0.02	RPM
String::CRC32	1.6	RPM
String::Errf	0.008	RPM

String::Flogger	1.101245	RPM
String::Format	1.17	RPM
String::Formatter	0.102084	RPM
String::PerlQuote	0.02	RPM
String::Random	0.29	RPM
String::RewritePrefix	0.007	RPM
String::ShellQuote	1.04	RPM
String::ToIdentifier::EN	0.11	RPM
String::Truncate	1.100602	RPM
String::UnicodeUTF8	0.22	RPM
String::Unquotemeta	0.1	RPM
Sub::Exporter::ForMethods	0.100052	RPM
Sub::Exporter::GlobExporter	0.005	RPM
Sub::Exporter::Progressive	0.001013	RPM
Sub::Exporter	0.987	RPM
Sub::Identify	0.14	RPM
Sub::Info	0.002	RPM
Sub::Install	0.928	RPM
Sub::Name	0.21	RPM
Sub::Quote	2.004000	RPM
Sub::Uplevel	0.2800	RPM
SUPER	1.20141117	RPM
superclass	0.003	RPM
SVG::Parser	1.03	RPM
SVG::TT::Graph	0.25	RPM
SVG	2.78	RPM
Switch	2.17	RPM
Symbol::Get	0.07	RPM
Syntax::Keyword::Junction	0.003008	RPM
syntax	0.004	RPM
Sys::Hostname::Long	1.5	RPM
Sys::Info::Base	0.7804	RPM
Sys::Info::Driver::Linux	0.7903	RPM
Sys::Info	0.78	RPM
Sys::Mmap	0.19	RPM
Sys::SigAction	0.23	RPM
Sys::Statistics::Linux	0.66	RPM



Sys::Syscall	0.25	RPM
Sys::Trace	0.03	RPM
Sysadm::Install	0.48	RPM
System::Command	1.118	RPM
System::Info	0.058	RPM
TAP::Formatter::Bamboo	0.04	RPM
Task::Weaken	1.04	RPM
Template::Timer	1.00	RPM
Template::Tiny	1.12	RPM
Template::Toolkit	2.27	RPM
Term::Encoding	0.02	RPM
Term::Table	0.012	RPM
Term::UI	0.46	RPM
TermReadKey	2.37	RPM
Test2::Plugin::NoWarnings	0.06	RPM
Test2::Suite	0.000114	RPM
Test2::Tools::Explain	0.02	RPM
Test::API	0.008	RPM
Test::Carp	0.2	RPM
Test::CheckDeps	0.010	RPM
Test::CheckManifest	1.31	RPM
Test::Class	0.50	RPM
Test::ClassAPI	1.06	RPM
Test::Cmd	1.09	RPM
Test::CPAN::Meta::YAML	0.25	RPM
Test::CPAN::Meta	0.25	RPM
Test::Deep	1.127	RPM
Test::Differences	0.64	RPM
Test::Exception	0.43	RPM
Test::Exit	0.11	RPM
Test::FailWarnings	0.008	RPM
Test::Fake::HTTPD	0.08	RPM
Test::Fatal	0.014	RPM
Test::File::Contents	0.23	RPM
Test::File::ShareDir	1.001002	RPM
Test::File	1.443	RPM
Test::Filename	0.03	RPM

Test::HexString	0.03	RPM
Test::Inter	1.06	RPM
Test::LeakTrace	0.16	RPM
Test::LectroTest	0.5001	RPM
Test::LongString	0.17	RPM
Test::LWP::UserAgent	0.033	RPM
Test::Manifest	2.02	RPM
Test::MinimumVersion	0.101082	RPM
Test::Mock::Cmd	0.7	RPM
Test::Mock::LWP	0.08	RPM
Test::MockModule	0.15	RPM
Test::MockObject	1.20161202	RPM
Test::Modern	0.013	RPM
Test::Mojo::Role::Debug::JSON	0.003	RPM
Test::Mojo::Role::Debug	1.003004	RPM
Test::Mojo::Role::TestDeep	0.007	RPM
Test::Mojo::WithRoles	0.02	RPM
Test::Most	0.35	RPM
Test::NoWarnings	1.04	RPM
Test::Object	0.07	RPM
Test::Output	1.031	RPM
Test::Parallel	0.20	RPM
Test::Perl::Critic	1.03	RPM
Test::Pod::Coverage	1.10	RPM
Test::Pod	1.51	RPM
Test::Requires	0.10	RPM
Test::Script	1.23	RPM
Test::SharedFork	0.35	RPM
Test::Simple	1.302136	RPM
Test::Spec	0.54	RPM
Test::SubCalls	1.09	RPM
Test::TCP	2.19	RPM
Test::TempDir::Tiny	0.017	RPM
Test::Trap	v0.3.2	RPM
Test::Unit	0.25	RPM
Test::UseAllModules	0.17	RPM
Test::Warn	0.32	RPM

Test::Warnings	0.026	RPM
Test::Without::Module	0.20	RPM
Test::WWW::Selenium	1.36	RPM
Test::XHTML	0.13	RPM
Test::YAML::Meta	0.22	RPM
Test::YAML::Valid	0.04	RPM
TestRail::API	0.043	RPM
Text::CSV	1.95	RPM
Text::CSV_XS	1.31	RPM
Text::Diff	1.45	RPM
Text::Extract::MaketextCallPhrases	0.94	RPM
Text::Fold	0.5	RPM
Text::German	0.06	RPM
Text::Glob	0.11	RPM
Text::Iconv	1.7	RPM
Text::MicroTemplate	0.24	RPM
Text::SimpleTable	2.03	RPM
Text::Soundex	3.04	RPM
Text::Template	1.47	RPM
Text::Trim	1.02	RPM
Text::Unicode	1.30	RPM
Throwable	0.200013	RPM
Tie::DBI	1.06	RPM
Tie::EncryptedHash	1.24	RPM
Tie::IxHash	1.23	RPM
Tie::RefHash::Weak	0.09	RPM
Tie::ShadowHash	1.00	RPM
Tie::ToObject	0.03	RPM
TimeDate	2.30	RPM
Tree::DAG_Node	1.29	RPM
Tree::MultiNode	v1.0.13	RPM
Tree::Simple::VisitorFactory	0.15	RPM
Tree::Simple	1.31	RPM
Try::Tiny	0.28	RPM
Try	0.03	RPM
Type::Tiny	1.002001	RPM
Types::Serialiser	1.0	RPM

Ubc::Service::InitScriptWrapper	0.02	RPM
Ubc	1.60	RPM
Umask::Local	1.0	RPM
Unicode::LineBreak	2017.004	RPM
UNIVERSAL::can	1.20140328	RPM
UNIVERSAL::isa	1.20150614	RPM
Unix::PID::Tiny	0.91	RPM
Unix::PID	0.23	RPM
Unix::Processors	2.045	RPM
Unix::Sysexits	0.06	RPM
Unix::Syslog	1.1	RPM
URI::Find	20160806	RPM
URI::ws	0.03	RPM
URI::XSEscape	0.001000	RPM
URI	1.72	RPM
URL::Encode::XS	0.03	RPM
URL::Encode	0.03	RPM
Variable::Magic	0.61	RPM
Version::Next	1.000	RPM
Want	0.29	RPM
warnings::unused	0.06	RPM
Web::Detect	0.05	RPM
WebService::Client	0.0601	RPM
WebService::HipChat	0.2000	RPM
WWW::Form::UrlEncoded	0.24	RPM
WWW::Form	1.19	RPM
WWW::Mechanize	1.86	RPM
WWW::OAuth	0.006	RPM
WWW::Pastebin::PastebinCom::Create	1.003	RPM
WWW::RobotRules	6.02	RPM
X::Tiny	0.13	RPM
XML::Catalogs::HTML	1.0.3	RPM
XML::Catalogs	1.0.3	RPM
XML::DOM	1.46	RPM
XML::LibXML	2.0129	RPM
XML::NamespaceSupport	1.12	RPM
XML::Parser	2.44	RPM

XML::RegExp	0.04	RPM
XML::SAX::Base	1.09	RPM
XML::SAX::Expat	0.51	RPM
XML::SAX	0.99	RPM
XML::Simple	2.24	RPM
XML::Stream	1.24	RPM
XML::Writer	0.625	RPM
XML::XPath	1.42	RPM
YAML::AppConfig	0.19	RPM
YAML::LibYAML	0.66	RPM
YAML::Syck	1.30	RPM
YAML::Tiny	1.70	RPM
YAML	1.23	RPM

## OS-provided

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

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

**Note:**

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

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

Third-party application	Version	Source
at	3.1.13-23.el7	RPM
autoconf	2.69-11.el7	RPM
automake	1.13.4-3.el7	RPM
bash	4.2.46-30.el7	RPM
bind	9.9.4-61.el7_5.1	RPM
bind-devel	9.9.4-61.el7_5.1	RPM
bind-libs	9.9.4-61.el7_5.1	RPM
bind-utils	9.9.4-61.el7_5.1	RPM
binutils	2.27-28.base.el7_5.1	RPM
bison	3.0.4-1.el7	RPM
boost-program-options	1.53.0-27.el7	RPM
boost-serialization	1.53.0-27.el7	RPM
bzip2	1.0.6-13.el7	RPM
bzip2-libs	1.0.6-13.el7	RPM
cairo	1.14.8-2.el7	RPM

compat-db	4.7.25-28.el7	RPM
coreutils	8.22-21.el7	RPM
cpio	2.11-27.el7	RPM
cpp	4.8.5-28.el7_5.1	RPM
cronie	1.4.11-19.el7	RPM
crontabs	1.11-6.20121102git.el7	RPM
curl	7.29.0-46.el7	RPM
e2fsprogs	1.42.9-12.el7_5	RPM
e2fsprogs-devel	1.42.9-12.el7_5	RPM
easy-libicu	4.0.1-2	RPM
expat	2.1.0-10.el7_3	RPM
expat-devel	2.1.0-10.el7_3	RPM
expect	5.45-14.el7_1	RPM
file	5.11-33.el7	RPM
findutils	4.5.11-5.el7	RPM
flex	2.5.37-3.el7	RPM
fontconfig	2.10.95-11.el7	RPM
freetype	2.4.11-15.el7	RPM
ftp	0.17-67.el7	RPM
gamin	0.1.10-16.el7	RPM
gamin-devel	0.1.10-16.el7	RPM
gawk	4.0.2-4.el7_3.1	RPM
gcc	4.8.5-28.el7_5.1	RPM
gcc-c++	4.8.5-28.el7_5.1	RPM
gd	2.0.35-26.el7	RPM
gd-devel	2.0.35-26.el7	RPM
gd-progs	2.0.35-26.el7	RPM
gdbm	1.10-8.el7	RPM
gdbm-devel	1.10-8.el7	RPM
gettext	0.19.8.1-2.el7	RPM
gettext-devel	0.19.8.1-2.el7	RPM
ghostscript	9.07-28.el7_4.2	RPM
giflib	4.1.6-9.el7	RPM
glib2	2.54.2-2.el7	RPM
glibc	2.17-222.el7	RPM
glibc-devel	2.17-222.el7	RPM
glibc-static	2.17-222.el7	RPM

gmp	6.0.0-15.el7	RPM
gnupg	>= 0	RPM
gnupg2	2.0.22-5.el7_5	RPM
grubby	8.28-23.el7	RPM
gzip	1.5-10.el7	RPM
hunspell	1.3.2-15.el7	RPM
hunspell-en	0.20121024-6.el7	RPM
ImageMagick	6.7.8.9-15.el7_2	RPM
initscripts	9.49.41-1.el7_5.1	RPM
iptables	1.4.21-24.1.el7_5	RPM
kernel-headers	3.10.0-862.11.6.el7	RPM
keyutils-libs	1.5.8-3.el7	RPM
krb5-devel	1.15.1-19.el7	RPM
krb5-libs	1.15.1-19.el7	RPM
less	458-9.el7	RPM
libaio	0.3.109-13.el7	RPM
libaio-devel	0.3.109-13.el7	RPM
libcap	2.22-9.el7	RPM
libcom_err	1.42.9-12.el7_5	RPM
libcurl	7.29.0-46.el7	RPM
libdb	5.3.21-24.el7	RPM
libgcc	4.8.5-28.el7_5.1	RPM
libgomp	4.8.5-28.el7_5.1	RPM
libcicu	50.1.2-15.el7	RPM
libidn	1.28-4.el7	RPM
libidn-devel	1.28-4.el7	RPM
libjpeg-turbo	1.2.90-5.el7	RPM
libjpeg-turbo-devel	1.2.90-5.el7	RPM
libmount	2.23.2-52.el7_5.1	RPM
libpcap	1.5.3-11.el7	RPM
libpng	1.5.13-7.el7_2	RPM
libpng-devel	1.5.13-7.el7_2	RPM
libssh2	1.4.3-10.el7_2.1	RPM
libstdc++	4.8.5-28.el7_5.1	RPM
libstdc++-devel	4.8.5-28.el7_5.1	RPM
libtiff	4.0.3-27.el7_3	RPM
libtiff-devel	4.0.3-27.el7_3	RPM

libtool	2.4.2-22.el7_3	RPM
libtool-ltdl	2.4.2-22.el7_3	RPM
libtool-ltdl-devel	2.4.2-22.el7_3	RPM
libwmf	0.2.8.4-41.el7_1	RPM
libX11-devel	1.6.5-1.el7	RPM
libxml2	2.9.1-6.el7_2.3	RPM
libxml2-devel	2.9.1-6.el7_2.3	RPM
libXpm	3.5.12-1.el7	RPM
libXpm-devel	3.5.12-1.el7	RPM
libxslt	1.1.28-5.el7	RPM
libxslt-devel	1.1.28-5.el7	RPM
lsof	4.87-5.el7	RPM
lua	5.1.4-15.el7	RPM
lynx	2.8.8-0.3.dev15.el7	RPM
make	3.82-23.el7	RPM
MariaDB-server	10.2.17-1.el7.centos	RPM
nano	2.3.1-10.el7	RPM
ncurses	5.9-14.20130511.el7_4	RPM
ncurses-devel	5.9-14.20130511.el7_4	RPM
ncurses-libs	5.9-14.20130511.el7_4	RPM
ncurses-term	5.9-14.20130511.el7_4	RPM
net-tools	2.0-0.22.20131004git.el7	RPM
openssh	7.4p1-16.el7	RPM
openssh-clients	7.4p1-16.el7	RPM
openssh-server	7.4p1-16.el7	RPM
openssl	1.0.2k-12.el7	RPM
openssl-devel	1.0.2k-12.el7	RPM
openssl-libs	1.0.2k-12.el7	RPM
pam	1.1.8-22.el7	RPM
pam-devel	1.1.8-22.el7	RPM
pango	1.40.4-1.el7	RPM
passwd	0.79-4.el7	RPM
patch	2.7.1-10.el7_5	RPM
pcre	8.32-17.el7	RPM
pixman	0.34.0-1.el7	RPM
pkgconfig	0.27.1-4.el7	RPM
popt	1.13-16.el7	RPM



procps-ng	3.3.10-17.el7_5.2	RPM
psmisc	22.20-15.el7	RPM
python	2.7.5-69.el7_5	RPM
python-devel	2.7.5-69.el7_5	RPM
python-docs	2.7.5-2.el7	RPM
python-setuptools	0.9.8-7.el7	RPM
python-tools	2.7.5-69.el7_5	RPM
quota	4.01-17.el7	RPM
quota-devel	4.01-17.el7	RPM
rcs	5.9.0-5.el7	RPM
rdate	1.4-25.el7	RPM
readline	6.2-10.el7	RPM
redhat-rpm-config	9.1.0-80.el7.centos	RPM
rsync	3.1.2-4.el7	RPM
screen	4.1.0-0.25.20120314git3c2946.el7	RPM
sed	4.2.2-5.el7	RPM
shadow-utils	4.1.5.1-24.el7	RPM
sharutils	4.13.3-8.el7	RPM
Smartmontools	6.5-1.el7	RPM
sqlite	3.7.17-8.el7	RPM
strace	4.12-6.el7	RPM
sysstat	10.1.5-13.el7	RPM
systemd	219-57.el7_5.1	RPM
systemd-libs	219-57.el7_5.1	RPM
systemd-sysv	219-57.el7_5.1	RPM
tar	1.26-34.el7	RPM
tcl	8.5.13-8.el7	RPM
tclx	8.4.0-22.el7	RPM
tcp_wrappers	7.6-77.el7	RPM
tcp_wrappers-devel	7.6-77.el7	RPM
tcp_wrappers-libs	7.6-77.el7	RPM
tix	8.4.3-12.el7	RPM
tk	8.5.13-6.el7	RPM
tkinter	2.7.5-69.el7_5	RPM
traceroute	2.0.22-2.el7	RPM
unzip	6.0-19.el7	RPM
urw-fonts	2.4-16.el7	RPM

util-linux	2.23.2-52.el7_5.1	RPM
wget	1.14-15.el7_4.1	RPM
which	2.20-7.el7	RPM
xz	5.2.2-1.el7	RPM
xz-libs	5.2.2-1.el7	RPM
yum-utils	1.1.31-46.el7_5	RPM
zip	3.0-11.el7	RPM
zlib	1.2.7-17.el7	RPM
zlib-devel	1.2.7-17.el7	RPM

## Appendix B: New and modified API functions

### New UAPI functions

- `Bandwidth::get_enabled_protocols` — This function returns a list of the server's enabled protocols.
- `KnownHosts::create` — This function registers a host with the `/home/user/.ssh/known_hosts` file.
- `KnownHosts::delete` — This function removes a host from the `/home/user/.ssh/known_hosts` file.
- `KnownHosts::update` — This function updates an entry in the `/home/user/.ssh/known_hosts` file.
- `KnownHosts::verify` — This function checks whether a host's public key exists in the `/home/user/.ssh/known_hosts` file.
- `Market::get_certificate_status_details` — This function returns the status of an SSL certificate request.

### New WHM API 1 functions

- `accept_eula` — This function records acceptance of cPanel & WHM's legal terms.
- `backup_list_transported` — This function lists backup files that the system sent through a specified additional backup transport.
- `get_available_applications` — This function returns the contents of a `dynamicui` file.
- `get_available_profiles` — This function returns a list of available server profiles.
- `get_current_profile` — This function returns details about the server's current profile.
- `is_role_enabled` — This function returns whether a specific role is currently enabled.
- `update_contact_email` — This function updates the contact email address in the `wwwacct.conf` file.
- `update_nameservers_config` — This function updates nameservers in the `wwwacct.conf` file.
- `ea4_tomcat85_rem` — This function removes a user from the Tomcat 8.5 configuration.
- `ea4_tomcat85_add` — This function adds a user to the Tomcat 8.5 configuration.
- `ea4_tomcat85_list` — This function returns a list of the users that run Tomcat.
- `start_profile_activation` — This function sets the server's profile.

### Modified UAPI functions

- `ResourceUsage::get_usages` — We modified the `id` parameter.
- `Mime::list_redirects` — Added `redirect` and `redirectmatch` values to the `kind` return, and added the `statuscode` return.
- `Mime::delete_redirect` — Added the `args` parameter.
- `SSL::check_shared_cert` — We **removed** this function in cPanel & WHM version 76.
- `SSL::set_ssl_share` — We **removed** this function in cPanel & WHM version 76.
- `StatsBar::get_stats` — We added the `role` return value and modified the `display` parameter value.
- We modified the following UAPI functions to accommodate the new [Server Profile](#) feature:
  - [Click here to view...](#)
    - `DNSSEC::disable_dnssec` — The DNS role affects this function.
    - `DNSSEC::enable_dnssec` — The DNS role affects this function.
    - `DNSSEC::fetch_ds_records` — The DNS role affects this function.
    - `DNSSEC::set_nsec3` — The DNS role affects this function.
    - `DNSSEC::unset_nsec3` — The DNS role affects this function.
    - `Email::add_mx` — The DNS role affects this function.
    - `Email::change_mx` — The DNS role affects this function.
    - `Email::delete_mx` — The DNS role affects this function.

- `Email::list_mx`s — The DNS role affects this function.
- `Email::set_always_accept` — The DNS role affects this function.
- `Email::hold_outgoing` — The MailSend role affects this function.
- `Email::release_outgoing` — The MailSend role affects this function.
- `Email::suspend_outgoing` — The MailSend role affects this function.
- `Email::unsuspend_outgoing` — The MailSend role affects this function.
- `Email::add_auto_responder` — The MailSend and MailReceive roles affect this function.
- `Email::delete_auto_responder` — The MailSend and MailReceive roles affect this function.
- `Email::get_auto_responder` — The MailSend and MailReceive roles affect this function.
- `Email::list_auto_responders` — The MailSend and MailReceive roles affect this function.
- `Email::add_domain_forwarder` — The MailSend and MailReceive roles affect this function.
- `Email::add_forwarder` — The MailSend and MailReceive roles affect this function.
- `Email::check_pipe_forwarder` — The MailSend and MailReceive roles affect this function.
- `Email::delete_domain_forwarder` — The MailSend and MailReceive roles affect this function.
- `Email::delete_forwarder` — The MailSend and MailReceive roles affect this function.
- `Email::list_domain_forwarders` — The MailSend and MailReceive roles affect this function.
- `Email::list_forwarders` — The MailSend and MailReceive roles affect this function.
- `Email::list_forwarders_backups` — The MailSend and MailReceive roles affect this function.
- `Email::add_list` — The MailSend and MailReceive roles affect this function.
- `Email::add_mailman_delegates` — The MailSend and MailReceive roles affect this function.
- `Email::delete_list` — The MailSend and MailReceive roles affect this function.
- `Email::generate_mailman_otp` — The MailSend and MailReceive roles affect this function.
- `Email::get_mailman_delegates` — The MailSend and MailReceive roles affect this function.
- `Email::has_delegated_mailman_lists` — The MailSend and MailReceive roles affect this function.
- `Email::list_default_address` — The MailSend and MailReceive roles affect this function.
- `Email::list_lists` — The MailSend and MailReceive roles affect this function.
- `Email::remove_mailman_delegates` — The MailSend and MailReceive roles affect this function.
- `Email::set_list_privacy_options` — The MailSend and MailReceive roles affect this function.
- `Email::passwd_list` — The MailSend and MailReceive roles affect this function.
- `Email::account_name` — The MailReceive role affects this function.
- `Email::browse_mailbox` — The MailReceive role affects this function.
- `Email::check_fastmail` — The MailReceive role affects this function.
- `Email::delete_filter` — The MailReceive role affects this function.
- `Email::delete_held_messages` — The MailReceive role affects this function.
- `Email::delete_pop` — The MailReceive role affects this function.
- `Email::disable_filter` — The MailReceive role affects this function.
- `Email::dispatch_client_settings` — The MailReceive role affects this function.
- `Email::edit_pop_quota` — The MailReceive role affects this function.
- `Email::enable_filter` — The MailReceive role affects this function.
- `Email::fetch_charmaps` — The MailReceive role affects this function.
- `Email::fts_rescan_mailbox` — The MailReceive role affects this function.
- `Email::get_charsets` — The MailReceive role affects this function.
- `Email::get_client_settings` — The MailReceive role affects this function.
- `Email::get_default_email_quota` — The MailReceive role affects this function.
- `Email::get_default_email_quota_mib` — The MailReceive role affects this function.
- `Email::get_disk_usage` — The MailReceive role affects this function.
- `Email::get_filter` — The MailReceive role affects this function.
- `Email::get_held_message_count` — The MailReceive role affects this function.
- `Email::get_main_account_disk_usage` — The MailReceive role affects this function.
- `Email::get_main_account_disk_usage_bytes` — The MailReceive role affects this function.
- `Email::get_max_email_quota` — The MailReceive role affects this function.
- `Email::get_max_email_quota_mib` — The MailReceive role affects this function.
- `Email::get_pop_quota` — The MailReceive role affects this function.
- `Email::get_webmail_settings` — The MailReceive role affects this function.
- `Email::has_plaintext_authentication` — The MailReceive role affects this function.
- `Email::list_filters` — The MailReceive role affects this function.
- `Email::list_filters_backups` — The MailReceive role affects this function.
- `Email::list_mail_domains` — The MailReceive role affects this function.
- `Email::list_pops` — The MailReceive role affects this function.
- `Email::list_pops_with_disk` — The MailReceive role affects this function.
- `Email::list_system_filter_info` — The MailReceive role affects this function.
- `Email::passwd_pop` — The MailReceive role affects this function.
- `Email::reorder_filters` — The MailReceive role affects this function.
- `Email::set_default_address` — The MailReceive role affects this function.
- `Email::stats_db_status` — The MailReceive role affects this function.
- `Email::store_filter` — The MailReceive role affects this function.
- `Email::suspend_incoming` — The MailReceive role affects this function.

- `Email::suspend_login` — The MailReceive role affects this function.
- `Email::trace_filter` — The MailReceive role affects this function.
- `Email::unsuspend_incoming` — The MailReceive role affects this function.
- `Email::unsuspend_login` — The MailReceive role affects this function.
- `Email::verify_password` — The MailReceive role affects this function.
- `Email::add_pop` — The MailReceive role affects this function.
- `Email::get_spam_settings` — The SpamFilter role affects this function.
- `Email::disable_spam_autodelete` — The SpamFilter role affects this function.
- `Email::enable_spam_assassin` — The SpamFilter role affects this function.
- `Email::disable_spam_assassin` — The SpamFilter role affects this function.
- `Email::enable_spam_box` — The SpamFilter role affects this function.
- `Email::disable_spam_box` — The SpamFilter role affects this function.
- `Email::add_spam_filter` — The SpamFilter role affects this function.
- `Fileman::autocompletedir` — The FileStorage role affects this function.
- `Fileman::empty_trash` — The FileStorage role affects this function.
- `Fileman::get_file_content` — The FileStorage role affects this function.
- `Fileman::get_file_information` — The FileStorage role affects this function.
- `Fileman::list_files` — The FileStorage role affects this function.
- `Fileman::save_file_content` — The FileStorage role affects this function.
- `Fileman::transcode` — The FileStorage role affects this function.
- `Fileman::upload_files` — The FileStorage role affects this function.
- `Ftp::add_ftp` — The FTP role affects this function.
- `Ftp::allows_anonymous_ftp` — The FTP role affects this function.
- `Ftp::allows_anonymous_ftp_incoming` — The FTP role affects this function.
- `Ftp::delete_ftp` — The FTP role affects this function.
- `Ftp::get_port` — The FTP role affects this function.
- `Ftp::get_quota` — The FTP role affects this function.
- `Ftp::get_welcome_message` — The FTP role affects this function.
- `Ftp::kill_session` — The FTP role affects this function.
- `Ftp::list_ftp` — The FTP role affects this function.
- `Ftp::list_ftp_with_disk` — The FTP role affects this function.
- `Ftp::list_sessions` — The FTP role affects this function.
- `Ftp::passwd` — The FTP role affects this function.
- `Ftp::server_name` — The FTP role affects this function.
- `Ftp::set_anonymous_ftp` — The FTP role affects this function.
- `Ftp::set_anonymous_ftp_incoming` — The FTP role affects this function.
- `Ftp::set_homedir` — The FTP role affects this function.
- `Ftp::set_quota` — The FTP role affects this function.
- `Ftp::set_welcome_message` — The FTP role affects this function.
- `LangPHP::php_get_domain_handler` — The WebServer role affects this function.
- `LangPHP::php_get_impacted_domains` — The WebServer role affects this function.
- `LangPHP::php_get_installed_versions` — The WebServer role affects this function.
- `LangPHP::php_get_system_default_version` — The WebServer role affects this function.
- `LangPHP::php_get_vhost_versions` — The WebServer role affects this function.
- `LangPHP::php_ini_get_user_basic_directives` — The WebServer role affects this function.
- `LangPHP::php_ini_get_user_content` — The WebServer role affects this function.
- `LangPHP::php_ini_get_user_paths` — The WebServer role affects this function.
- `LangPHP::php_ini_set_user_basic_directives` — The WebServer role affects this function.
- `LangPHP::php_ini_set_user_content` — The WebServer role affects this function.
- `LangPHP::php_set_vhost_versions` — The WebServer role affects this function.
- `Mime::add_handler` — The WebServer role affects this function.
- `Mime::add_hotlink` — The WebServer role affects this function.
- `Mime::add_mime` — The WebServer role affects this function.
- `Mime::add_redirect` — The WebServer role affects this function.
- `Mime::delete_handler` — The WebServer role affects this function.
- `Mime::delete_hotlink` — The WebServer role affects this function.
- `Mime::delete_mime` — The WebServer role affects this function.
- `Mime::delete_redirect` — The WebServer role affects this function.
- `Mime::list_handlers` — The WebServer role affects this function.
- `Mime::list_hotlinks` — The WebServer role affects this function.
- `Mime::list_mime` — The WebServer role affects this function.
- `Mime::list_redirects` — The WebServer role affects this function.
- `Mime::redirect_info` — The WebServer role affects this function.
- `ModSecurity::disable_all_domains` — The WebServer role affects this function.
- `ModSecurity::disable_domains` — The WebServer role affects this function.
- `ModSecurity::enable_all_domains` — The WebServer role affects this function.
- `ModSecurity::enable_domains` — The WebServer role affects this function.

- `ModSecurity::has_modsecurity_installed` — The `WebServer` role affects this function.
- `ModSecurity::list_domains` — The `WebServer` role affects this function.
- `Mysql::add_host` — The `MySQL` role affects this function.
- `Mysql::add_host_note` — The `MySQL` role affects this function.
- `Mysql::check_database` — The `MySQL` role affects this function.
- `Mysql::create_database` — The `MySQL` role affects this function.
- `Mysql::create_user` — The `MySQL` role affects this function.
- `Mysql::delete_database` — The `MySQL` role affects this function.
- `Mysql::delete_host` — The `MySQL` role affects this function.
- `Mysql::delete_user` — The `MySQL` role affects this function.
- `Mysql::get_host_notes` — The `MySQL` role affects this function.
- `Mysql::get_privileges_on_database` — The `MySQL` role affects this function.
- `Mysql::get_restrictions` — The `MySQL` role affects this function.
- `Mysql::get_server_information` — The `MySQL` role affects this function.
- `Mysql::locate_server` — The `MySQL` role affects this function.
- `Mysql::rename_database` — The `MySQL` role affects this function.
- `Mysql::rename_user` — The `MySQL` role affects this function.
- `Mysql::repair_database` — The `MySQL` role affects this function.
- `Mysql::revoke_access_to_database` — The `MySQL` role affects this function.
- `Mysql::set_password` — The `MySQL` role affects this function.
- `Mysql::set_privileges_on_database` — The `MySQL` role affects this function.
- `PassengerApps::disable_application` — The `WebServer` role affects this function.
- `PassengerApps::edit_application` — The `WebServer` role affects this function.
- `PassengerApps::enable_application` — The `WebServer` role affects this function.
- `PassengerApps::list_applications` — The `WebServer` role affects this function.
- `PassengerApps::register_application` — The `WebServer` role affects this function.
- `PassengerApps::unregister_application` — The `WebServer` role affects this function.
- `Postgresql::create_database` — The `Postgres` role affects this function.
- `Postgresql::create_user` — The `Postgres` role affects this function.
- `Postgresql::delete_database` — The `Postgres` role affects this function.
- `Postgresql::get_restrictions` — The `Postgres` role affects this function.
- `Postgresql::grant_all_privileges` — The `Postgres` role affects this function.
- `Postgresql::rename_database` — The `Postgres` role affects this function.
- `Postgresql::rename_user` — The `Postgres` role affects this function.
- `Postgresql::rename_user_no_password` — The `Postgres` role affects this function.
- `Postgresql::revoke_all_privileges` — The `Postgres` role affects this function.
- `Postgresql::set_password` — The `Postgres` role affects this function.
- `SiteTemplates::list_site_templates` — The `WebServer` role affects this function.
- `SiteTemplates::list_user_settings` — The `WebServer` role affects this function.
- `SiteTemplates::publish` — The `WebServer` role affects this function.
- `SubDomain::addsubdomain` — The `WebServer` role affects this function.
- `WebDisk::delete_user` — The `WebDisk` role affects this function.
- `WebDisk::set_homedir` — The `WebDisk` role affects this function.
- `WebDisk::set_password` — The `WebDisk` role affects this function.
- `WebDisk::set_permissions` — The `WebDisk` role affects this function.
- `WebmailApps::listwebmailapps` — The `MailReceive` role affects this function.

## Modified cPanel API 2 functions

- `DiskCounter::disk_counter` — We updated the `Parameters` and `Returns` tables.
- We modified the following cPanel API 2 functions to accommodate the new [Server Profile](#) feature:
  - [Click here to view...](#)
  - `AddonDomain::addaddondomain` — The `WebServer` role affects this function.
  - `Bandwidth::addhttpbandwidth` — The `WebServer` role affects this function.
  - `BoxTrapper::accountmanagelist` — The `MailReceive` role affects this function.
  - `DenyIP::listdenyips` — The `WebServer` role affects this function.
  - `Email::addmx` — The `DNS` role affects this function.
  - `Email::changemx` — The `DNS` role affects this function.
  - `Email::delmx` — The `DNS` role affects this function.
  - `Email::setmxcheck` — The `DNS` role affects this function.
  - `Email::setalwaysaccept` — The `DNS` role affects this function.
  - `Email::getmxcheck` — The `DNS` role affects this function.
  - `Email::getalwaysaccept` — The `DNS` role affects this function.
  - `Email::listmx` — The `DNS` role affects this function.
  - `Email::listmxs` — The `DNS` role affects this function.
  - `Email::listpopssingle` — The `MailReceive` role affects this function.

- `Email::loadfilter` — The MailReceive role affects this function.
- `Email::listmaildomains` — The MailReceive role affects this function.
- `Email::accountname` — The MailReceive role affects this function.
- `Email::filtername` — The MailReceive role affects this function.
- `Email::listpops` — The MailReceive role affects this function.
- `Email::get_archiving_types` — The MailReceive role affects this function.
- `Email::set_archiving_configuration` — The MailReceive role affects this function.
- `Email::set_archiving_default_configuration` — The MailReceive role affects this function.
- `Email::get_archiving_default_configuration` — The MailReceive role affects this function.
- `Email::browseboxes` — The MailReceive role affects this function.
- `Email::setdefaultaddress` — The MailReceive role affects this function.
- `Email::storefilter` — The MailReceive role affects this function.
- `Email::checkmaindiscard` — The MailReceive role affects this function.
- `Email::filteractions` — The MailReceive role affects this function.
- `Email::fetchcharmmaps` — The MailReceive role affects this function.
- `Email::clearpopcache` — The MailReceive role affects this function.
- `Email::deletefilter` — The MailReceive role affects this function.
- `Email::disablefilter` — The MailReceive role affects this function.
- `Email::enablefilter` — The MailReceive role affects this function.
- `Email::getabsbrowsedir` — The MailReceive role affects this function.
- `Email::filterrules` — The MailReceive role affects this function.
- `Email::getdiskusage` — The MailReceive role affects this function.
- `Email::listfilterbackups` — The MailReceive role affects this function.
- `Email::filterlist` — The MailReceive role affects this function.
- `Email::listpopswithdisk` — The MailReceive role affects this function.
- `Email::tracefilter` — The MailReceive role affects this function.
- `Email::listaliasbackups` — The MailReceive role affects this function.
- `Email::listfilters` — The MailReceive role affects this function.
- `Email::reorderfilters` — The MailReceive role affects this function.
- `Email::listpopswithimage` — The MailReceive role affects this function.
- `Email::addpop` — The MailReceive role affects this function.
- `Email::listlists` — The MailSend and MailReceive roles affect this function.
- `Email::has_delegated_mailman_lists` — The MailSend and MailReceive roles affect this function.
- `Email::adddomainforward` — The MailSend and MailReceive roles affect this function.
- `Email::listforwards` — The MailSend and MailReceive roles affect this function.
- `Email::listdomainforwards` — The MailSend and MailReceive roles affect this function.
- `Email::addforward` — The MailSend and MailReceive roles affect this function.
- `Email::delforward` — The MailSend and MailReceive roles affect this function.
- `Email::fetchautoresponder` — The MailSend and MailReceive roles affect this function.
- `Email::listautoresponders` — The MailSend and MailReceive roles affect this function.
- `EmailTrack::search` — The MailSend role affects this function.
- `EmailTrack::stats` — The MailSend role affects this function.
- `EmailTrack::trace` — The MailSend role affects this function.
- `Fileman::autocompletedir` — The FileStorage role affects this function.
- `Fileman::fileop` — The FileStorage role affects this function.
- `Fileman::getabsdir` — The FileStorage role affects this function.
- `Fileman::getdir` — The FileStorage role affects this function.
- `Fileman::getdiractions` — The FileStorage role affects this function.
- `Fileman::getdiskinfo` — The FileStorage role affects this function.
- `Fileman::getedittype` — The FileStorage role affects this function.
- `Fileman::getfileactions` — The FileStorage role affects this function.
- `Fileman::getpath` — The FileStorage role affects this function.
- `Fileman::listfiles` — The FileStorage role affects this function.
- `Fileman::mkdir` — The FileStorage role affects this function.
- `Fileman::mkfile` — The FileStorage role affects this function.
- `Fileman::savefile` — The FileStorage role affects this function.
- `Fileman::search` — The FileStorage role affects this function.
- `Fileman::statfiles` — The FileStorage role affects this function.
- `Ftp::addftp` — The FTP role affects this function.
- `Ftp::delftp` — The FTP role affects this function.
- `Ftp::listftp` — The FTP role affects this function.
- `Ftp::listftpsessions` — The FTP role affects this function.
- `Ftp::listftpwthdisk` — The FTP role affects this function.
- `Ftp::passwd` — The FTP role affects this function.
- `Ftp::setquota` — The FTP role affects this function.
- `Gpg::listgpgkeys` — The MailReceive role affects this function.
- `Gpg::listsecretgpgkeys` — The MailReceive role affects this function.



- `Gpg::number_of_private_keys` — The MailReceive role affects this function.
- `Gpg::number_of_public_keys` — The MailReceive role affects this function.
- `ImageManager::thumbnail` — The WebServer role affects this function.
- `LeechProtect::setup` — The WebServer role affects this function.
- `Mime::listhandlers` — The WebServer role affects this function.
- `Mime::listmime` — The WebServer role affects this function.
- `Mime::redirectname` — The WebServer role affects this function.
- `Mime::listredirects` — The WebServer role affects this function.
- `Mime::list_hotlinks` — The WebServer role affects this function.
- `MysqlFE::authorizehost` — The MySQL role affects this function.
- `MysqlFE::changedbuserpassword` — The MySQL role affects this function.
- `MysqlFE::createdb` — The MySQL role affects this function.
- `MysqlFE::createdbuser` — The MySQL role affects this function.
- `MysqlFE::dbuserexists` — The MySQL role affects this function.
- `MysqlFE::deauthorizehost` — The MySQL role affects this function.
- `MysqlFE::deletedb` — The MySQL role affects this function.
- `MysqlFE::deletedbuser` — The MySQL role affects this function.
- `MysqlFE::getalldbinfo` — The MySQL role affects this function.
- `MysqlFE::getalldbusersanddbs` — The MySQL role affects this function.
- `MysqlFE::getdbuserprivileges` — The MySQL role affects this function.
- `MysqlFE::getdbusers` — The MySQL role affects this function.
- `MysqlFE::gethosts` — The MySQL role affects this function.
- `MysqlFE::getmysqlprivileges` — The MySQL role affects this function.
- `MysqlFE::getmysqlserverprivileges` — The MySQL role affects this function.
- `MysqlFE::has_mycnf_for_cpuser` — The MySQL role affects this function.
- `MysqlFE::listdbs` — The MySQL role affects this function.
- `MysqlFE::listdbsbackup` — The MySQL role affects this function.
- `MysqlFE::listhosts` — The MySQL role affects this function.
- `MysqlFE::listusers` — The MySQL role affects this function.
- `MysqlFE::listusersindb` — The MySQL role affects this function.
- `MysqlFE::revokedbuserprivileges` — The MySQL role affects this function.
- `MysqlFE::setdbuserprivileges` — The MySQL role affects this function.
- `MysqlFE::userdbprivs` — The MySQL role affects this function.
- `PHPINI::getoptions` — The WebServer role affects this function.
- `PHPINI::getalloptions` — The WebServer role affects this function.
- `Postgres::listdbs` — The Postgres role affects this function.
- `Postgres::listusersindb` — The Postgres role affects this function.
- `Postgres::listusers` — The Postgres role affects this function.
- `Postgres::userexists` — The Postgres role affects this function.
- `RoR::needsimport` — The WebServer role affects this function.
- `RoR::importrails` — The WebServer role affects this function.
- `RoR::addapp` — The WebServer role affects this function.
- `RoR::removeapp` — The WebServer role affects this function.
- `RoR::changeapp` — The WebServer role affects this function.
- `RoR::listrewrites` — The WebServer role affects this function.
- `RoR::setuprewrite` — The WebServer role affects this function.
- `RoR::removerewrite` — The WebServer role affects this function.
- `RoR::listapps` — The WebServer role affects this function.
- `RoR::stopapp` — The WebServer role affects this function.
- `RoR::startapp` — The WebServer role affects this function.
- `RoR::restartapp` — The WebServer role affects this function.
- `RoR::softrestartapp` — The WebServer role affects this function.
- `Stats::listawstats` — The WebServer role affects this function.
- `Stats::listwebalizer` — The WebServer role affects this function.
- `Stats::listanalog` — The WebServer role affects this function.
- `Stats::listlastvisitors` — The WebServer role affects this function.
- `Stats::listrawlogs` — The WebServer role affects this function.
- `Stats::lastvisitors` — The WebServer role affects this function.
- `Stats::lastapachehits` — The WebServer role affects this function.
- `SubDomain::addsubdomain` — The WebServer role affects this function.
- `UserHttpUtils::getdirindices` — The WebServer role affects this function.
- `WebDisk::setstatus` — The WebDisk role affects this function.
- `WebDisk::hasdigest` — The WebDisk role affects this function.
- `WebDisk::addwebdisk` — The WebDisk role affects this function.
- `WebDisk::set_digest_auth` — The WebDisk role affects this function.
- `WebDisk::set_homedir` — The WebDisk role affects this function.
- `WebDisk::set_perms` — The WebDisk role affects this function.

- `WebDisk::passwdwebdisk` — The `WebDisk` role affects this function.
- `WebDisk::delwebdisk` — The `WebDisk` role affects this function.
- `WebDisk::listwebdisks` — The `WebDisk` role affects this function.
- `WebmailApps::listwebmailapps` — The `Webmail` role affects this function.
- `ZoneEdit::remove_zone_record` — The `DNS` role affects this function.
- `ZoneEdit::edit_zone_record` — The `DNS` role affects this function.
- `ZoneEdit::add_zone_record` — The `DNS` role affects this function.
- `ZoneEdit::fetchzone` — The `DNS` role affects this function.
- `ZoneEdit::fetchzone_records` — The `DNS` role affects this function.
- `ZoneEdit::get_zone_record` — The `DNS` role affects this function.
- `ZoneEdit::resetzone` — The `DNS` role affects this function.
- `ZoneEdit::fetch_cpanel_generated_domains` — The `DNS` role affects this function.
- `ZoneEdit::fetchzones` — The `DNS` role affects this function.

## Modified cPanel API 1 functions

- `SSL::sslsharedstatus` — We **removed** this function in cPanel & WHM version 76.
- We modified the following cPanel API 1 functions to accommodate the new [Server Profile feature](#):
  - ▼ [Click here to view...](#)
  - `BoxTrapper::changestatus` — The `MailReceive` role affects this function.
  - `BoxTrapper::cleancfgfilelist` — The `MailReceive` role affects this function.
  - `BoxTrapper::editmsg` — The `MailReceive` role affects this function.
  - `BoxTrapper::fetchcfgfile` — The `MailReceive` role affects this function.
  - `BoxTrapper::getboxconfdir` — The `MailReceive` role affects this function.
  - `BoxTrapper::listmsgs` — The `MailReceive` role affects this function.
  - `BoxTrapper::logcontrols` — The `MailReceive` role affects this function.
  - `BoxTrapper::messageaction` — The `MailReceive` role affects this function.
  - `BoxTrapper::multimessageaction` — The `MailReceive` role affects this function.
  - `BoxTrapper::resetmsg` — The `MailReceive` role affects this function.
  - `BoxTrapper::savecfgfile` — The `MailReceive` role affects this function.
  - `BoxTrapper::saveconf` — The `MailReceive` role affects this function.
  - `BoxTrapper::showautowitelist` — The `MailReceive` role affects this function.
  - `BoxTrapper::showemails` — The `MailReceive` role affects this function.
  - `BoxTrapper::showfromname` — The `MailReceive` role affects this function.
  - `BoxTrapper::showlog` — The `MailReceive` role affects this function.
  - `BoxTrapper::showmessage` — The `MailReceive` role affects this function.
  - `BoxTrapper::showqueue` — The `MailReceive` role affects this function.
  - `BoxTrapper::showqueuesearch` — The `MailReceive` role affects this function.
  - `BoxTrapper::showqueuetime` — The `MailReceive` role affects this function.
  - `BoxTrapper::status` — The `MailReceive` role affects this function.
  - `BoxTrapper::statusbutton` — The `MailReceive` role affects this function.
  - `ClamScanner::bars` — The `MailReceive` role affects this function.
  - `DenyIP::adddenyip` — The `WebServer` role affects this function.
  - `DenyIP::deldenyip` — The `WebServer` role affects this function.
  - `DenyIP::listdenyips` — The `WebServer` role affects this function.
  - `Email::addmx` — The `DNS` role affects this function.
  - `Email::addpop` — The `MailReceive` role affects this function.
  - `Email::changemx` — The `DNS` role affects this function.
  - `Email::delmx` — The `DNS` role affects this function.
  - `Email::listmaildomains` — The `MailReceive` role affects this function.
  - `Email::tracefilter` — The `MailReceive` role affects this function.
  - `Fileman::changeperm` — The `FileStorage` role affects this function.
  - `Fileman::delfile` — The `FileStorage` role affects this function.
  - `Fileman::dofileop` — The `FileStorage` role affects this function.
  - `Fileman::emptytrash` — The `FileStorage` role affects this function.
  - `Fileman::extractfile` — The `FileStorage` role affects this function.
  - `Fileman::fileimg` — The `FileStorage` role affects this function.
  - `Fileman::fmmkdir` — The `FileStorage` role affects this function.
  - `Fileman::fmmkfile` — The `FileStorage` role affects this function.
  - `Fileman::fmpushfile` — The `FileStorage` role affects this function.
  - `Fileman::fmrename` — The `FileStorage` role affects this function.
  - `Fileman::fmsavefile` — The `FileStorage` role affects this function.
  - `Fileman::fmsavehtmlfile` — The `FileStorage` role affects this function.
  - `Fileman::fullbackup` — The `FileStorage` role affects this function.
  - `Fileman::getfile` — The `FileStorage` role affects this function.
  - `Fileman::listfiles` — The `FileStorage` role affects this function.



- `Fileman::listfullbackups` — The FileStorage role affects this function.
- `Fileman::listtemplates` — The FileStorage role affects this function.
- `Fileman::restoreaf` — The FileStorage role affects this function.
- `Fileman::restoredb` — The FileStorage role affects this function.
- `Fileman::restorefile` — The FileStorage role affects this function.
- `Fileman::restorefiles` — The FileStorage role affects this function.
- `Fileman::savehtmlfile` — The FileStorage role affects this function.
- `Fileman::showperm` — The FileStorage role affects this function.
- `Fileman::uploadfiles` — The FileStorage role affects this function.
- `Fileman::viewfile` — The FileStorage role affects this function.
- `Ftp::addftp` — The FTP role affects this function.
- `Ftp::delftp` — The FTP role affects this function.
- `Htaccess::checkprotected` — The WebServer role affects this function.
- `Htaccess::del_user` — The WebServer role affects this function.
- `Htaccess::getindex` — The WebServer role affects this function.
- `Htaccess::htdirs` — The WebServer role affects this function.
- `Htaccess::number_of_users` — The WebServer role affects this function.
- `Htaccess::phpselectable` — The WebServer role affects this function.
- `Htaccess::resname` — The WebServer role affects this function.
- `Htaccess::set_pass` — The WebServer role affects this function.
- `Htaccess::set_protect` — The WebServer role affects this function.
- `Htaccess::setindex` — The WebServer role affects this function.
- `Htaccess::setphpreference` — The WebServer role affects this function.
- `Htaccess::showusers` — The WebServer role affects this function.
- `ImageManager::convert` — The WebServer role affects this function.
- `ImageManager::dimensions` — The WebServer role affects this function.
- `ImageManager::hdimension` — The WebServer role affects this function.
- `ImageManager::scale` — The WebServer role affects this function.
- `ImageManager::thumbnail` — The WebServer role affects this function.
- `ImageManager::wdimension` — The WebServer role affects this function.
- `LeechProtect::disable` — The WebServer role affects this function.
- `LeechProtect::enable` — The WebServer role affects this function.
- `LeechProtect::setup` — The WebServer role affects this function.
- `LeechProtect::showpasswdfile` — The WebServer role affects this function.
- `LeechProtect::status` — The WebServer role affects this function.
- `Mime::del_redirect` — The WebServer role affects this function.
- `Mime::add_redirect` — The WebServer role affects this function.
- `Serverinfo::servicestatus` — The WebServer role affects this function.
- `StatManager::doForm` — The WebServer role affects this function.
- `StatManager::updateUserConfig` — The WebServer role affects this function.
- `Stats::lastvisitors` — The WebServer role affects this function.
- `SubDomain::addsubdomain` — The WebServer role affects this function.

## Modified WHM API 1 functions

- `backup_user_list` — This function lists users with a backup file, stored locally or on additional backup destinations, on a specified date.
- `backup_date_list` — This function lists all dates that contain backup files, whether stored locally or on additional backup destinations.
- `backup_set_list` — This function lists backup files for the server's accounts, whether stored locally or on additional backup destinations.
- `query_file_info` — Added the optional `exists` parameter and the `exists` return.
- `ticket_create_stub_ticket` - Added the `secure_id` return.
- `ticket_grant` — Added the `secure_id` parameter.
- We modified the following WHM API 1 functions to accommodate the new [Server Profile](#) feature:
  - [Click here to view...](#)
  - `dumpzone` — The DNS role affects this function.
  - `getzonerecord` — The DNS role affects this function.
  - `resetzone` — The DNS role affects this function.
  - `addzonerecord` — The DNS role affects this function.
  - `editzonerecord` — The DNS role affects this function.
  - `removezonerecord` — The DNS role affects this function.
  - `adddns` — The DNS role affects this function.
  - `killdns` — The DNS role affects this function.
  - `listzones` — The DNS role affects this function.
  - `listmxs` — The DNS role affects this function.

- `savemx` — The DNS role affects this function.
- `list_pops_for` — The MailReceive role affects this function.
- `get_user_email_forward_destination` — The MailReceive role affects this function.
- `set_user_email_forward_destination` — The MailReceive role affects this function.
- `generate_mobileconfig` — The MailReceive role affects this function.
- `get_mailbox_status` — The MailReceive role affects this function.
- `get_mailbox_status_list` — The MailReceive role affects this function.
- `expunge_mailbox_messages` — The MailReceive role affects this function.
- `expunge_messages_for_mailbox_guid` — The MailReceive role affects this function.
- `hold_outgoing_email` — The MailSend role affects this function.
- `release_outgoing_email` — The MailSend role affects this function.
- `suspend_outgoing_email` — The MailSend role affects this function.
- `unsuspend_outgoing_email` — The MailSend role affects this function.
- `emailtrack_user_stats` — The MailSend role affects this function.
- `exim_configuration_check` — The MailSend role affects this function.
- `emailtrack_stats` — The MailSend role affects this function.
- `validate_exim_configuration_syntax` — The MailSend role affects this function.
- `emailtrack_search` — The MailSend role affects this function.
- `fetch_mail_queue` — The MailSend role affects this function.
- `remove_in_progress_exim_config_edit` — The MailSend role affects this function.
- `validate_current_installed_exim_config` — The MailSend role affects this function.
- `list_mysql_databases_and_users` — The MySQL role affects this function.
- `rename_mysql_database` — The MySQL role affects this function.
- `rename_mysql_user` — The MySQL role affects this function.
- `set_mysql_password` — The MySQL role affects this function.
- `set_local_mysql_root_password` — The MySQL role affects this function.
- `installable_mysql_versions` — The MySQL role affects this function.
- `current_mysql_version` — The MySQL role affects this function.
- `latest_available_mysql_version` — The MySQL role affects this function.
- `start_background_mysql_upgrade` — The MySQL role affects this function.
- `background_mysql_upgrade_status` — The MySQL role affects this function.
- `has_mycnf_for_cpuser` — The MySQL role affects this function.
- `rename_postgresql_database` — The Postgres role affects this function.
- `rename_postgresql_user` — The Postgres role affects this function.
- `set_postgresql_password` — The Postgres role affects this function.
- `list_database_users` — The MySQL and Postgres roles affect this function.
- `list_databases` — The MySQL and Postgres roles affect this function.
- `save_spamd_config` — The SpamFilter role affects this function.
- `php_get_installed_versions` — The WebServer role affects this function.
- `php_get_system_default_version` — The WebServer role affects this function.
- `php_set_system_default_version` — The WebServer role affects this function.
- `php_get_old_fpm_flag` — The WebServer role affects this function.
- `php_set_old_fpm_flag` — The WebServer role affects this function.
- `php_get_vhost_versions` — The WebServer role affects this function.
- `php_get_vhosts_by_version` — The WebServer role affects this function.
- `php_set_vhost_versions` — The WebServer role affects this function.
- `php_get_impacted_domains` — The WebServer role affects this function.
- `php_ini_get_directives` — The WebServer role affects this function.
- `php_ini_set_directives` — The WebServer role affects this function.
- `php_ini_get_content` — The WebServer role affects this function.
- `php_ini_set_content` — The WebServer role affects this function.
- `php_get_handlers` — The WebServer role affects this function.
- `php_set_handler` — The WebServer role affects this function.
- `php_set_session_save_path` — The WebServer role affects this function.
- `php_get_default_accounts_to_fpm` — The WebServer role affects this function.
- `php_set_default_accounts_to_fpm` — The WebServer role affects this function.
- `convert_all_domains_to_fpm` — The WebServer role affects this function.
- `is_conversion_in_progress` — The WebServer role affects this function.
- `get_fpm_count_and_utilization` — The WebServer role affects this function.
- `convert_addon_fetch_domain_details` — The WebServer role affects this function.
- `convert_addon_fetch_conversion_details` — The WebServer role affects this function.
- `convert_addon_get_conversion_status` — The WebServer role affects this function.
- `convert_addon_initiate_conversion` — The WebServer role affects this function.
- `convert_addon_list_addon_domains` — The WebServer role affects this function.
- `convert_addon_list_conversions` — The WebServer role affects this function.
- `ea4_list_profiles` — The WebServer role affects this function.
- `ea4_get_currently_installed_packages` — The WebServer role affects this function.

- `ea4_migration` — The WebServer role affects this function.
- `ea4_pre_migrate_check` — The WebServer role affects this function.
- `ea4_recommendations` — The WebServer role affects this function.
- `ea4_save_profile` — The WebServer role affects this function.
- `ea4_tomcat85_list` — The WebServer role affects this function.
- `ea4_tomcat85_add` — The WebServer role affects this function.
- `ea4_tomcat85_rem` — The WebServer role affects this function.
- `set_primary_servername` — The WebServer role affects this function.
- `modsec_add_rule` — The WebServer role affects this function.
- `modsec_add_vendor` — The WebServer role affects this function.
- `modsec_assemble_config_text` — The WebServer role affects this function.
- `modsec_batch_settings` — The WebServer role affects this function.
- `modsec_check_rule` — The WebServer role affects this function.
- `modsec_clone_rule` — The WebServer role affects this function.
- `modsec_deploy_all_rule_changes` — The WebServer role affects this function.
- `modsec_deploy_rule_changes` — The WebServer role affects this function.
- `modsec_deploy_settings_changes` — The WebServer role affects this function.
- `modsec_disable_rule` — The WebServer role affects this function.
- `modsec_disable_vendor` — The WebServer role affects this function.
- `modsec_disable_vendor_configs` — The WebServer role affects this function.
- `modsec_disable_vendor_updates` — The WebServer role affects this function.
- `modsec_discard_rule_changes` — The WebServer role affects this function.
- `modsec_discard_all_rule_changes` — The WebServer role affects this function.
- `modsec_edit_rule` — The WebServer role affects this function.
- `modsec_enable_vendor` — The WebServer role affects this function.
- `modsec_enable_vendor_configs` — The WebServer role affects this function.
- `modsec_enable_vendor_updates` — The WebServer role affects this function.
- `modsec_get_configs` — The WebServer role affects this function.
- `modsec_get_configs_with_changes_pending` — The WebServer role affects this function.
- `modsec_get_config_text` — The WebServer role affects this function.
- `modsec_get_log` — The WebServer role affects this function.
- `modsec_get_rules` — The WebServer role affects this function.
- `modsec_get_settings` — The WebServer role affects this function.
- `modsec_get_vendors` — The WebServer role affects this function.
- `modsec_is_installed` — The WebServer role affects this function.
- `modsec_make_config_active` — The WebServer role affects this function.
- `modsec_make_config_inactive` — The WebServer role affects this function.
- `modsec_preview_vendor` — The WebServer role affects this function.
- `modsec_remove_rule` — The WebServer role affects this function.
- `modsec_remove_setting` — The WebServer role affects this function.
- `modsec_remove_vendor` — The WebServer role affects this function.
- `modsec_report_rule` — The WebServer role affects this function.
- `modsec_set_config_text` — The WebServer role affects this function.
- `modsec_set_setting` — The WebServer role affects this function.
- `modsec_undisable_rule` — The WebServer role affects this function.
- `modsec_update_vendor` — The WebServer role affects this function.

## Modified WHM API 0 functions

## Deprecated WHM API 1 Functions

- `configureservice` — We modified this function. If a server profile **disables** a service, this function returns an error message.
- `servicestatus` — We modified the `service` return. If a server profile **disables** a service, the system returns a 0 value for the `enable`, `installed`, and `monitored` returns.

## Deprecated UAPI Functions

- `SSL::check_shared_cert` — We **removed** this function in cPanel & WHM version 76.
- `SSL::set_ssl_share` — We **removed** this function in cPanel & WHM version 76.

## Removed cPanel API 2 functions

## Removed cPanel API 1 functions

- `SSL::sslsharedstatus` — We **removed** this function in cPanel & WHM version 76.

## Removed WHM API 0 functions