

# 70 Change Log

## 70.0.69

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2019-06-06

- [security] Fixed case CPANEL-27764: Update exim to 4.91-4.cp1170. Fixes CVE-2019-10149.

## 70.0.68

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2019-04-10

- [security] Fixed case CPANEL-26536: Update dovecot to 2.2.36.2-2. Fixes CVE-2019-7524.

## 70.0.67

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2019-03-18

- [security] Fixed case SEC-477: Unsafe file operations as root in SSL certificate storage.
- [security] Fixed case SEC-479: Local root via userdata cache misparsing.
- [security] Fixed case SEC-480: Code execution via addforward API1 call.
- [security] Fixed case SEC-481: Unsafe terminal capabilities determination using infocmp.
- [security] Fixed case SEC-483: Open mail relay due to faulty domain redirect routing.
- [security] Fixed case SEC-484: Limited file read as root via EXIM virtual\_user\_spam router.
- [security] Fixed case SEC-487: Demo account code execution via securitypolicy.cgi
- [security] Fixed case SEC-493: Remote Stored XSS Vulnerability in BoxTrapper Queue Listing

## 70.0.66

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2019-01-28

- Fixed case CPANEL-19362: Add missing module load for Cpanel::Imports.
- Fixed case CPANEL-20522: Maintenance: allow restarting outdated services to be disabled.
- Fixed case CPANEL-20522: Create a standard place for disabling touch files.
- Fixed case CPANEL-21260: Fix bug in date listing for LTS dropdown.
- Fixed case CPANEL-21694: Ensure getconfiguredips recognizes IPs configured on loopback devices.
- Fixed case CPANEL-22119: Fix handling of domlogs when changing the main domain rapidly.
- Fixed case CPANEL-23980: Accommodate AutoSSL certificates from cPanel LLC CA.
- Fixed case CPANEL-24716: Avoid replacing third party hostname certs until expiration is imminent.
- Fixed case CPANEL-24858: Fix phrasing for when an hostname certificate will expire soon.
- Implemented case CPANEL-19603: Add a disable option to the restorepkg script.

## 70.0.63

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2019-01-21

- [security] Fixed case SEC-415: Internal data disclosed to OpenID providers.
- [security] Fixed case SEC-460: Demo accounts allowed to link with OpenID providers.
- [security] Fixed case SEC-466: Arbitrary file read via Passenger adminbin.
- [security] Fixed case SEC-473: Demo account limited arbitrary file write via DCV UAPI calls.
- [security] Fixed case SEC-476: Limited file write as shared users during connection resets.
- [security] Fixed case SEC-478: Userdata cache temporary file can conflict with domains.

## 70.0.62

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2018-11-29

- [security] Fixed case CPANEL-23762: Update cpanel-perl-526 to 5.26.0-17.cp1170 for CVE-2018-18311, CVE-2018-12015, CVE-2018-18312, CVE-2018-18313, and CVE-2018-18314.

## 70.0.61

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2018-11-19

- [security] Fixed case SEC-366: PostgreSQL password changes performed in an insecure manner.

- [security] Fixed case SEC-452: Unauthenticated remote code execution via mailing list attachments.
- [security] Fixed case SEC-454: Virtual FTP accounts remain after their domain is removed.
- [security] Fixed case SEC-459: Self-XSS Vulnerability in WHM Additional Backup Destination.
- [security] Fixed case SEC-461: Stored XSS in WHM 'Reset a DNS Zone'.
- [security] Fixed case SEC-462: Open redirect when resetting connections.
- [security] Fixed case SEC-464: Stored XSS in WHM MultiPHP Manager interface.
- [security] Fixed case SEC-465: Arbitrary code execution as root via dnsssec adminbin.
- [security] Fixed case SEC-467: Do not enable debug logging in WebDAV transport.

## 70.0.60

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2018-11-05

- Fixed case CPANEL-10711: Prefer cpanel user over system user when a domain is owned by both.
- Fixed case CPANEL-13532: Fix DCV when nginx is proxying the hostname to 127.0.0.1.
- Fixed case CPANEL-14896: Make flock() mode based on whether or not file was opened read or read/write.
- Fixed case CPANEL-17423: Preload template modules before locking httpd.conf.
- Fixed case CPANEL-18329: Prevent multiple rndc calls from running at the same time.
- Fixed case CPANEL-19800: Use a single inotify setup in queueproc to avoid a race condition.
- Fixed case CPANEL-20037: Ensure niceness is reset when starting services.
- Fixed case CPANEL-20425: Restore DKIM signing mail from hostname.
- Fixed case CPANEL-20487: Ignore disk with broken quotas when temporarily lifting quotas.
- Fixed case CPANEL-20617: Provide warning for hostname changes.
- Fixed case CPANEL-20642: Server statistics analysis is now opt-in on new install.
- Fixed case CPANEL-20717: Fix password file comment parser to handle #s in passwords.
- Fixed case CPANEL-20899: Workaround Cyberduck incompatibilities with WebDav and gzip.
- Fixed case CPANEL-21573: Populate empty password columns when updating to MariaDB.
- Fixed case CPANEL-23509: Fix MultiPHP Manager error caused by alt-php.
- Fixed case CPANEL-23542: Fix console error on load of MultiPHP Manager.
- Fixed case CPANEL-23602: Ensure exim is restarted to apply CPANEL-20425 fix.

## 70.0.59

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2018-10-09

- Fixed case CPANEL-6541: Implemented swap IPv6 for transfers, dedicated IPv6 not handled.
- Fixed case CPANEL-19702: Filter AAAA on transfer if destination doesn't use IPv6.
- Fixed case CPANEL-20387: Add support for SSE arguments via URL path.
- Fixed case CPANEL-20544: Keep specific file handles open when daemonizing a process.
- Fixed case CPANEL-20552: Added local symlinks for the event source polyfill.
- Fixed case CPANEL-20797: Add option to skip EasyApache YUM repo setup during initial install.
- Fixed case CPANEL-20927: Remove unneeded regex check for the SSE module name.
- Fixed case CPANEL-20947: Add a NotFound cpsrvd style exception class.
- Fixed case CPANEL-21186: Add an authentication and application verification system to SSE.
- Fixed case CPANEL-21431: Fix mysqlconnectioncheck for systems running MariaDB.
- Fixed case CPANEL-21592: Update cpanel-phpmyadmin to 4.7.7-4.cp1166.

## 70.0.57

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2018-09-17

- [security] Fixed case SEC-409: ClamAV daemon can be shut off by any local user.
- [security] Fixed case SEC-428: Self-XSS in WHM 'Create a New Account' interface.
- [security] Fixed case SEC-433: Self-XSS in WHM 'Security Questions' interface.
- [security] Fixed case SEC-434: Self-XSS in cPanel 'Site Software Moderation' interface.
- [security] Fixed case SEC-437: Self-XSS in WHM 'Style Upload' interface.
- [security] Fixed case SEC-441: Actively stored XSS in WHM 'File and Directory Restoration' interface.
- [security] Fixed case SEC-444: Demo account code execution via Fileman::viewfile API.
- [security] Fixed case SEC-445: Invalid email\_accounts.json prevents full account suspension.
- [security] Fixed case SEC-446: Self-Stored XSS on 'Security Questions' login page.
- [security] Fixed case SEC-447: Arbitrary file write as root in WHM 'Force Password Change'.
- [security] Fixed case SEC-449: FTP access allowed during account suspension.

## 70.0.55

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2018-08-27

- Fixed case CPANEL-19596: Resolve a spurious warning when the userdata queue is already processed.
- Fixed case CPANEL-22043: Alter updatenow logic to switch directly from 70..78.
- Fixed case CPANEL-22049: Rpm.versions: install a cpanel-version RPM.

## 70.0.54

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2018-07-18

- Fixed case CPANEL-18958: Do not include remote mysql hosts for cpses temp user grants.
- Fixed case CPANEL-19390: Fix race condition in restartsrv\_apache\_php\_fpm.
- Fixed case CPANEL-19544: Add a new tweak to configure eximstats\_spam\_check.
- Fixed case CPANEL-19571: Add hookability for AutoSSL installs.
- Fixed case CPANEL-20729: Filter out duplicate domains from AutoSSL orders.

## 70.0.53

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2018-07-16

- [security] Fixed case SEC-367: Stored-XSS in WHM File Restoration interface.
- [security] Fixed case SEC-416: Apache configuration injection due to document root variable interpolation.
- [security] Fixed case SEC-418: Insecure storage of phpMyAdmin session files.
- [security] Fixed case SEC-420: SQL injection during database backups.
- [security] Fixed case SEC-424: File modification as root via faulty HTTP authentication.
- [security] Fixed case SEC-425: Limited file read via password file caching.
- [security] Fixed case SEC-426: Arbitrary zonefile modifications allowed during record edits.
- [security] Fixed case SEC-436: Arbitrary file read during File Restoration.
- [security] Fixed case SEC-439: Arbitrary zonefile modifications due to faulty CAA record handling.
- [security] Fixed case SEC-442: File rename vulnerability during account renames.

## 70.0.52

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2018-07-09

- Fixed case CPANEL-20633: Rebuild Exim configuration and restart Exim on upgrade.
- Fixed case CPANEL-20670: Modify Account: avoid failure with previously used domain.

## 70.0.51

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2018-06-20

- Fixed case CPANEL-20728: Upgrade Email::Address::XS to 1.03.
- Fixed case CPANEL-20848: Update cpanel-perl-526-Email-Sender to 1.300031-2.cp1170.
- Fixed case CPANEL-20909: Better handle packages which exceed the allowed MAX\_DEFER\_FAIL\_PERCENTAGE.
- Fixed case CPANEL-20915: Fix logic for getting LTS versions in update preferences page.
- Fixed case CPANEL-20968: Ensure HttpRequest.pm does not leave open file handles, blocking updatenow.
- Fixed case CPANEL-21254: Ensure saving named tiers in update preferences doesn't misconfigure update settings.
- Fixed case CPANEL-21260: Ensure update preferences UI reflects currently configured settings.

## 70.0.48

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2018-05-31

- Fixed case CPANEL-20577: Work around MariaDB authn bug MDEV-16238.
- Fixed case CPANEL-20615: File Restoration: ensure backup feature is not required.
- Fixed case CPANEL-20715: Fix backup bug where metadata pruning fails due to being disabled.
- Fixed case CPANEL-20725: Setting up PHP-FPM on addon domains did not work correctly.
- Fixed case CPANEL-20732: Update Git to version 2.17.1.
- Fixed case CPANEL-20765: Ensure remote dns clusters load zones added via SYNCZONES.
- Fixed case CPANEL-20777: Fix corrupted htaccess files from pkgacct.

## 70.0.47

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2018-05-29

- Fixed case CPANEL-20535: Fix adding MX records to subdomains.
- Fixed case CPANEL-20651: Resolve performance regression with Whostmgr::DNS::MX.

## 70.0.46

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2018-05-24

- Fixed case CPANEL-19045: Update cpanel-perl-526-Net-Google-Drive-Simple to 0.13-4.cp1170.

- Fixed case CPANEL-20006: Update cpanel-awstats to 7.6-3.cp1168.
- Fixed case CPANEL-20331: Avoid transient error when installing exim.pl.local.
- Fixed case CPANEL-20449: Ignore empty zones when returning zone fetch results.
- Fixed case CPANEL-20518: Restored functionality where users could empty all spam folders.
- Fixed case CPANEL-20560: Avoid exception on invalid whois data.
- Fixed case CPANEL-20561: Restore functionality of VPS.NET DNS clustering.
- Fixed case CPANEL-20562: Update cpanel-perl-526-Net-Whois-IANA to 0.41-2.cp1170.
- Fixed case CPANEL-20564: Ensure weekly and monthly backups can be downloaded in cPanel.
- Fixed case CPANEL-20565: Ensure REMOTE\_ADDR is passed through to dnsadmin.
- Fixed case CPANEL-20566: Use correct path for pkgacct.
- Fixed case CPANEL-20566: Transfer Tool: disable API use over unencrypted connection.
- Fixed case CPANEL-20601: Fix undefined user warning when using 'want' arg of listaccts API.
- Fixed case CPANEL-20614: Fix zone parsing with empty leading names.
- Fixed case CPANEL-20632: Handle blank lines in Cpanel::ProcessInfo because of changes introduced in a kernel update.

## 70.0.44

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### 2018-05-22

- Fixed case CPANEL-6546: Ensure timestamps in Roundcube and SquirrelMail are correct.
- Fixed case CPANEL-18506: Fix backup destination showing sys backup option when sys backups disabled.
- Fixed case CPANEL-19808: AutoSSL runs will no longer continue notifying beyond seven days post-expiry.
- Fixed case CPANEL-19848: Avoid displaying startup log entries twice when restarting a service.
- Fixed case CPANEL-19943: Wordpress install via API no longer works.
- Fixed case CPANEL-20042: Ensure submit button is enabled when selection is made on WHM Edit DNS Zone.
- Fixed case CPANEL-20076: Fix MAX\_DEFER\_FAIL\_PERCENTAGE issues with account creation.
- Fixed case CPANEL-20221: Render HTML output correctly in EA4 Recommendation.
- Fixed case CPANEL-20240: Statistics Configuration: ensure page renders fully.
- Fixed case CPANEL-20336: Don't assign dedicated IPs during account creation unless instructed to.
- Fixed case CPANEL-20409: Make ResourceUsage handle exponent notation for maximum values.
- Fixed case CPANEL-20411: Cpanel notification preferences now are populated if empty.
- Fixed case CPANEL-20412: Make contactinfo->cpuser sync not clobber existing cpuser setting.
- Fixed case CPANEL-20499: Transfers fail when Copy Home Directory is deselected.
- Fixed case CPANEL-20542: Explicitly disable SMTPUTF8.
- Fixed case CPANEL-20573: File Restoration: control using correct feature.

## 70.0.43

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### 2018-05-21

- [security] Fixed case SEC-393: API tokens retain ACLs that are removed from accounts.
- [security] Fixed case SEC-394: Stored code execution injections in WHM cPAddons interface.
- [security] Fixed case SEC-395: Arbitrary file unlink via cPAddons moderation system.
- [security] Fixed case SEC-396: Email injection in cPAddons moderation.
- [security] Fixed case SEC-398: Remote-Stored XSS in WHM cPAddons installation interface.
- [security] Fixed case SEC-399: Remote-stored XSS in YUM autorepair functionality.
- [security] Fixed case SEC-400: Remote-Stored XSS in WHM Save Theme Interface.
- [security] Fixed case SEC-408: ClamAV installation reveals the contents of root's crontab.
- [security] Fixed case SEC-421: Self-XSS in WHM Backup Configuration interface.
- [security] Fixed case SEC-427: Cron feature restriction not enforced for API calls.
- [security] Fixed case SEC-429: Backup feature restriction not enforced for API calls.
- [security] Fixed case SEC-430: Images feature restriction not enforced for API calls.
- [security] Fixed case SEC-432: Cpanel Mime::list\_hotlinks API feature restriction not enforced.
- [security] Fixed case SEC-435: Arbitrary file read in pkgacct custom template handling.

## 70.0.42

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### 2018-05-15

- Fixed case CPANEL-20179: Make PHP-FPM daemons restart gracefully.
- Fixed case CPANEL-20179: Ensure restartsv\_ apache\_php\_fpm properly restarts PHP-FPM.
- Fixed case CPANEL-20454: Pkgacct: ensure .htaccess files are properly included.

## 70.0.41

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### 2018-05-14

- Fixed case CPANEL-20378: Update exim to 4.91-3.cp1170.
- Fixed case CPANEL-20394: Permit decimal values in the Required Score Spam Filters tab.
- Fixed case CPANEL-20407: Don't restart MySQL if timezone differs from server time.
- Fixed case CPANEL-20421: Don't warn about missing backup metadata.
- Fixed case CPANEL-20422: Ensure Apache is restart when install best certificate fails.

- Fixed case CPANEL-20430: Remove call of a non-existent function when creating subdomains under PHP-FPM.
- Fixed case CPANEL-20440: Email: ensure that changemx API call produces valid data.

## 70.0.39

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2018-05-12

- Fixed case CPANEL-20408: Fix account creation with extremely large bandwidth limits.

## 70.0.38

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2018-05-12

- Fixed case CPANEL-19572: Correctly handle UTF-8 encoding in email address phrase.
- Fixed case CPANEL-19769: Provide YUM repo RPM for RHEL to install MySQL 7.
- Fixed case CPANEL-20316: Don't process backup metadata validation for suspended users.
- Fixed case CPANEL-20383: Permit parsing lines with only tabs or spaces in zone files.
- Fixed case CPANEL-20386: Catch metadata generation errors for users in bin/backup.
- Fixed case CPANEL-20397: Bandwidth limit set to max int when set larger than 17592186044416M.

## 70.0.34

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2018-05-10

- Fixed case CPANEL-19222: Disable Add button on Mailing Lists page until form is valid.
- Fixed case CPANEL-20286: File Restoration: fix with trailing slash backup dir.
- Fixed case CPANEL-20314: Backup metadata leaves around zombie tar processes.
- Fixed case CPANEL-20319: Skip adding proxy subdomains when a record already exists.
- Fixed case CPANEL-20325: Ensure custom records for proxy subdomains are preserved when updating.

## 70.0.32

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2018-05-04

- Fixed case CPANEL-20180: Ensure DNS clustering can be set up with hostnames.

## 70.0.31

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2018-05-01

- Fixed case CPANEL-11532: Supplementary AutoSSL changes for production use of preemptive DCV.
- Fixed case CPANEL-19586: Ensure per domain mail ips accounts for reseller dedicated IPs.
- Fixed case CPANEL-19921: Remove ineffective escaping in Metadata module.
- Fixed case CPANEL-20014: Allow certificate renewals to clear the order.

## 70.0.30

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2018-04-26

- Fixed case CPANEL-19671: Ensure the view\_transfer command does not bog down the transfer.
- Fixed case CPANEL-19770: Make SQL and List Disk Usage reduce max space based on used quota.
- Fixed case CPANEL-19861: Reduce memory needed to restore bandwidth data.
- Fixed case CPANEL-19913: Prevent Cpanel::Encoding::BER from decoding impossible ints.
- Fixed case CPANEL-19928: Avoid enumerating all vhosts for a single ssl vhost notification.

## 70.0.29

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2018-04-25

- Fixed case CPANEL-6980: Add informational message to the Manage MySQL Profiles New Profile page.
- Fixed case CPANEL-7101: Shorten SMS messages sent from server.
- Fixed case CPANEL-7343: Update cpanel-phpmyadmin to 4.7.7-3.cp1166.
- Fixed case CPANEL-7561: Prevent double escaping when deleting an email forwarder.
- Fixed case CPANEL-9386: Pam\_hulk: ensure SSH LoginGraceTime works.
- Fixed case CPANEL-9705: Pl\_update\_users --verbose is not verbose.
- Fixed case CPANEL-9941: Hide webmail client apps when 'webmail' feature is disabled.
- Fixed case CPANEL-10301: Don't list deleted accounts in reseller usage.

- Fixed case CPANEL-12418: Validation added for INI basic editor.
- Fixed case CPANEL-12873: Restored quota limit exception warning to WHM Backup Configuration page.
- Fixed case CPANEL-13158: Limit AutoSSL DCV failure content logging to 1024 bytes.
- Fixed case CPANEL-13590: Restart tailwatchd when modsec\_audit.log is rotated.
- Fixed case CPANEL-14184: Reject "/" and system directories for document root.
- Fixed case CPANEL-14523: Fix pagination issue in WHM->View Sent Summary.
- Fixed case CPANEL-15341: Remove Managing dropdown from Default Address application.
- Fixed case CPANEL-15777: Ensure non-root-resellers can retrieve messages from mail delivery report.
- Fixed case CPANEL-15787: Handle case of parent/sub zones both defined.
- Fixed case CPANEL-15948: Remove deleteddomains entries for users on ownership change.
- Fixed case CPANEL-15951: Report an error if php-fpm does not start.
- Fixed case CPANEL-16048: Disable adding IPv6 to account when no ranges available.
- Fixed case CPANEL-16266: WHM: Ensure the backtick will not collapse menu while entering input.
- Fixed case CPANEL-16366: Honor disk space limit when creating accounts.
- Fixed case CPANEL-16453: WHM: Avoid triggering a selection if a user or domain is already selected.
- Fixed case CPANEL-16562: Removeacct will now fail if a user isn't more completely removed.
- Fixed case CPANEL-16578: Create and use API call for deleting account archives.
- Fixed case CPANEL-16725: Update GeolP data files.
- Fixed case CPANEL-16824: URI encoder: add function to decode non-form inputs.
- Fixed case CPANEL-16824: Redirects: handle URI encoding.
- Fixed case CPANEL-16854: Refuse to run firewall rules on CentOS 7 when firewalld is masked.
- Fixed case CPANEL-16917: Audit Log Level: Log All has a security alert.
- Fixed case CPANEL-16966: Trigger the Paper Lantern search on keydown instead of keyup.
- Fixed case CPANEL-17084: Delete MySQL user when removing cPanel user with dot.
- Fixed case CPANEL-17105: Update cpanel-clamav to 0.99.4-2.cp1170.
- Fixed case CPANEL-17152: Improve error message for ECDSA certificates.
- Fixed case CPANEL-17162: Don't overencode text when visualizing Exim ACLs.
- Fixed case CPANEL-17212: Increase readability/visibility of custom iContact template errors.
- Fixed case CPANEL-17294: Rdate: don't warn if ntp is not installed.
- Fixed case CPANEL-17345: Add yum cache check/fix to beginning of rpmup script.
- Fixed case CPANEL-17353: Provide way to exclude services from outdated processes restart checks.
- Fixed case CPANEL-17356: Add Unicode::LineBreak & MIME::Charset.
- Fixed case CPANEL-17375: Update cpanminus to version 1.7043.
- Fixed case CPANEL-17380: Stop shipping phpPgAdmin-5.0 now that CentOS 5 is no longer supported.
- Fixed case CPANEL-17440: Replace environment variable value textarea with plain text input.
- Fixed case CPANEL-17445: Fix up disable\_prelink to coding standards and configure it to run nightly.
- Fixed case CPANEL-17448: Fix duplicate cPanel RPMs if found during find\_and\_fix\_rpm\_issues.
- Fixed case CPANEL-17453: DNS Zones: provide error message when TTL is set incorrectly.
- Fixed case CPANEL-17454: Update cpanel-perl-526-cplint to 0.106-1.cp1170.
- Fixed case CPANEL-17484: Symlinked docroot results in incorrect acls applied by enablefileprotect.
- Fixed case CPANEL-17488: EasyApache4: Avoid unnecessary data fetch (minor speed up).
- Fixed case CPANEL-17498: Removing broken symlinks in /usr/local/cpanel/docroot.
- Fixed case CPANEL-17504: Remove broken symlinks in /usr/local/cpanel/base.
- Fixed case CPANEL-17513: Ensure growls use global configuration.
- Fixed case CPANEL-17518: Limit Bandwidth Usage: render header and breadcrumbs properly.
- Fixed case CPANEL-17519: Limit Bandwidth Usage: return to correct page.
- Fixed case CPANEL-17527: Fixed parsing error in recently updated strings.
- Fixed case CPANEL-17532: Error, warning and info growls do not auto close.
- Fixed case CPANEL-17537: Remove broken check and repair MySQL adminbin calls.
- Fixed case CPANEL-17551: Remove unused YUI compressor.
- Fixed case CPANEL-17560: Site Templates: correct malformed maketext string.
- Fixed case CPANEL-17562: ModSecurity: fix overencoded locale strings.
- Fixed case CPANEL-17572: Manage MySQL Profiles: fix typo.
- Fixed case CPANEL-17572: Transfer Tool: fix typo in warning message.
- Fixed case CPANEL-17593: Added Web Accessibility to alerts in cjt2.
- Fixed case CPANEL-17598: Dnsadmin: properly exit in forked child.
- Fixed case CPANEL-17601: Remove unneeded taskrun module for system perl.
- Fixed case CPANEL-17603: Avoid duplicate entries in userdomains-related files.
- Fixed case CPANEL-17610: Add error events to the upcp email template.
- Fixed case CPANEL-17640: Ensure labels can be used to check radio buttons on the MySQL Upgrade interface.
- Fixed case CPANEL-17648: Updates to X-Frame Tweak Settings help text.
- Fixed case CPANEL-17656: Update alert message style to match the current style.
- Fixed case CPANEL-17660: Transfer Tool: fix overencoding of ampersands.
- Fixed case CPANEL-17678: Created callout directive for CJT2.
- Fixed case CPANEL-17684: Forwarders: reject invalid characters in pipe commands.
- Fixed case CPANEL-17685: Forwarders: require email and domain to match.
- Fixed case CPANEL-17686: Forwarders: correctly list forbidden characters in script names.
- Fixed case CPANEL-17694: Cache bandwidth DB handles.
- Fixed case CPANEL-17696: Clear email search filter on log out.
- Fixed case CPANEL-17697: Allow API tokens to access "gethostname" with DNS Clustering perms.
- Fixed case CPANEL-17703: Transfer Tool: don't transfer IPv6 address along with system config.
- Fixed case CPANEL-17716: Prevent changing main domain to subdomain of other owned domain.
- Fixed case CPANEL-17719: Update\_db\_cache reports errors if MySQL service is disabled.
- Fixed case CPANEL-17720: Clarify that WHM's Mail Troubleshooter legend is not an error.
- Fixed case CPANEL-17724: Report full MySQL and MariaDB version in installed\_versions API call.
- Fixed case CPANEL-17759: Avoid EINTR in queueprocd by using inotify instead.
- Fixed case CPANEL-17787: Do not allow the simplezoneedit feature to manage AAAA and SRV records.
- Fixed case CPANEL-17811: Disable\_prelink: ensure script reads file correctly.
- Fixed case CPANEL-17812: WHM: Ensure that 'EasyApache 3' menu entries are not displayed on EA4 systems.

- Fixed case CPANEL-17816: Verify valid punycode syntax in autossll\_check.
- Fixed case CPANEL-17819: Removed learn more link from create account.
- Fixed case CPANEL-17826: Fix inconsistent ACL logic for dnsonly in scripts/whostmgr.
- Fixed case CPANEL-17829: Ensure autossll starts in a directory an unpriv user can chdir() into.
- Fixed case CPANEL-17833: Use domain's TTL for IPv6 address.
- Fixed case CPANEL-17834: Filter out \$HOME system directories from addon autocomplete list.
- Fixed case CPANEL-17859: Remove ancient deprecated table api1 calls.
- Fixed case CPANEL-17873: Provide more helpful error message deleting MX record via API.
- Fixed case CPANEL-17913: Change minimum email quota in UI to 1.
- Fixed case CPANEL-17923: Avoid DnsRoots checks for TLD for \*.com/\*.net/\*.info/\*.org.
- Fixed case CPANEL-17924: Update dovecot rules to be aware and enforce system quotas.
- Fixed case CPANEL-17936: Add a UAPI call for adding a subdomain.
- Fixed case CPANEL-17950: Pkgacct: don't require user argument for --get-version.
- Fixed case CPANEL-17953: Removed deprecated Simple Zone Editor and Advanced Zone Editor interfaces.
- Fixed case CPANEL-17962: Remove dead/useless redirections from whostmgr2.
- Fixed case CPANEL-17977: Remove unused legacy editpkg interface.
- Fixed case CPANEL-17979: Prevent editing of invalid domains in zone editor.
- Fixed case CPANEL-17995: Remove Demo checks from WHM scripts (no longer accessible).
- Fixed case CPANEL-17996: Ensure the main apache config is loaded before rendering vhosts.
- Fixed case CPANEL-18015: Remove unneeded Taskrun perl526.
- Fixed case CPANEL-18017: Reduce overhead needed to render an Apache vhost.
- Fixed case CPANEL-18024: Fixed validation of integer fields on WHM Backup Configuration page.
- Fixed case CPANEL-18028: Upgrade an Account: pass user correctly.
- Fixed case CPANEL-18043: Multiphp\_ini\_editor feature not recognized.
- Fixed case CPANEL-18052: Reduce account suspend and unsuspend overhead.
- Fixed case CPANEL-18056: Breakup Cpanel::FtpUtils in order to reduce memory bloat.
- Fixed case CPANEL-18059: Reduce memory bloat from addition of Email Suspension Paths.
- Fixed case CPANEL-18073: Update mailman lists when main domain is changed.
- Fixed case CPANEL-18079: Vastly improve speed of site software.
- Fixed case CPANEL-18080: Move EA4 update sync from sysup to rpmup for consistency.
- Fixed case CPANEL-18081: Improve cpsrvd connections per second performance.
- Fixed case CPANEL-18083: Reduce overhead to display cPAddons configuration in cPanel.
- Fixed case CPANEL-18084: Reduce overhead to display email client configuration.
- Fixed case CPANEL-18085: Distribute Whostmgr::SSL.
- Fixed case CPANEL-18089: Reduce account removal memory overhead.
- Fixed case CPANEL-18090: Reduce integration links memory usage in cPanel.
- Fixed case CPANEL-18098: Improvements to callout directive.
- Fixed case CPANEL-18104: Fix several issues with PHP-FPM background tasks.
- Fixed case CPANEL-18106: Change Root Password: remove reference to non-existent CSS.
- Fixed case CPANEL-18117: Add '--hard' option to restart a service.
- Fixed case CPANEL-18123: Avoid unlocked writes on FTP passwd files.
- Fixed case CPANEL-18128: Tweak Settings: ensure navigation is displayed.
- Fixed case CPANEL-18132: Yum timeout errors aren't errors when trying other mirrors.
- Fixed case CPANEL-18140: Refactor Site Software with current UI standards.
- Fixed case CPANEL-18148: Convert base Paper Lantern stylesheet to LESS.
- Fixed case CPANEL-18163: Relocate Apache Syntax check code to Cpanel::AdvConfig::apache::Syntax.
- Fixed case CPANEL-18184: Rebuild PHP-FPM config for subdomain document root changes.
- Fixed case CPANEL-18246: Check proxysubdomains when resetting DNS zone.
- Fixed case CPANEL-18251: Add API to show if the PHP-FPM conversion is in progress.
- Fixed case CPANEL-18255: Allow reading root's public contact info.
- Fixed case CPANEL-18266: Limit hostnames to 60 characters.
- Fixed case CPANEL-18268: IP Blocker: recognize numeric hostnames.
- Fixed case CPANEL-18277: Propagate spamassassin warnings if user\_prefs creation fails.
- Fixed case CPANEL-18283: Check\_exim\_config: avoid destroying cipher suite settings.
- Fixed case CPANEL-18285: Convert src/wrap to cpanel-wrap RPM.
- Fixed case CPANEL-18308: Exclude invalid files from WHM package lists.
- Fixed case CPANEL-18310: Fix off-by-one in Tweak Settings error message.
- Fixed case CPANEL-18319: Subdomains: ensure directories with .. are handled consistently.
- Fixed case CPANEL-18320: Don't add error.document.conf include via setupapache.
- Fixed case CPANEL-18330: Fix typo in defaultwebpage.cgi.
- Fixed case CPANEL-18332: Edit MX Entry: reject overlong exchange labels.
- Fixed case CPANEL-18337: Resync backup metadata when backups are removed manually.
- Fixed case CPANEL-18344: MySQL/MariaDB Upgrade: ensure labels match radio buttons.
- Fixed case CPANEL-18355: Fixmailman: exit 0 on success.
- Fixed case CPANEL-18359: Remove unused anon\_data\_optout config setting.
- Fixed case CPANEL-18361: Don't show DKIM and SPF options on DNSONLY.
- Fixed case CPANEL-18362: DNSONLY: allow display of upgrade blockers in WHM.
- Fixed case CPANEL-18367: Fix for empty directories not showing properly in the UI.
- Fixed case CPANEL-18369: Use consistent domain validation with account creation and modification.
- Fixed case CPANEL-18374: Add go to cPanel button from WHM create account.
- Fixed case CPANEL-18379: Fix metadata when doing /bin/backup --force.
- Fixed case CPANEL-18382: Prohibit domain names starting with "www..".
- Fixed case CPANEL-18382: Loosen restrictions on cluster server domain names.
- Fixed case CPANEL-18398: Improve reliability and error reporting of kill\_apps\_on\_ports.
- Fixed case CPANEL-18399: MySQL configuration: fix ampersand sigils.
- Fixed case CPANEL-18399: Ensure MariaDB protect home configuration is world-readable.
- Fixed case CPANEL-18399: MySQL configuration: specify permissions as an octal value.
- Fixed case CPANEL-18399: Ensure MariaDB limit configuration is world-readable.
- Fixed case CPANEL-18404: Fixed typo in Statistics Software Configuration.

- Fixed case CPANEL-18410: Basic WHM Setup: provide error message on invalid IPv6 address.
- Fixed case CPANEL-18422: Ensure users can edit MX records in Zone Editor.
- Fixed case CPANEL-18431: Site Software: ensure legacy addons are noted.
- Fixed case CPANEL-18441: Avoid shell call to set the password during account restore.
- Fixed case CPANEL-18455: Do not run cpanellogd, tomcat and dovecot\_fts on dnsonly.
- Fixed case CPANEL-18462: Ensure applications on whostmgr7 with client-side navigation work properly.
- Fixed case CPANEL-18472: Increment serial number when resetting zone.
- Fixed case CPANEL-18484: Avoid backing up the mailman archives files that can be auto generated.
- Fixed case CPANEL-18504: Ensure Convert Addon to Account can be refreshed and still work.
- Fixed case CPANEL-18508: Add pre and post event hooks for Reseller setup.
- Fixed case CPANEL-18526: Fix broken link when no packages are present.
- Fixed case CPANEL-18533: Ensure the File Manager header title is readable in Internet Explorer.
- Fixed case CPANEL-18535: Ship phpPgAdmin as an RPM.
- Fixed case CPANEL-18538: Move Account Creation Resource Information to top of UI.
- Fixed case CPANEL-18539: Remove unused code in src/3rdparty.
- Fixed case CPANEL-18553: Fix typo in locked yum update blocker.
- Fixed case CPANEL-18561: Manage SSL Service Certs: render certs on DNSONLY.
- Fixed case CPANEL-18573: Avoid forking to backup mysql and postgres users.
- Fixed case CPANEL-18575: Avoid scanning cPanel & WHM controlled files for files owned by nobody.
- Fixed case CPANEL-18578: Fix Editor word wrap and font size to persists through sessions.
- Fixed case CPANEL-18596: Refactor php.ini parsing to be more functional.
- Fixed case CPANEL-18623: Mailperm: ignore all Dovecot uidvalidity files.
- Fixed case CPANEL-18623: Create mailbox format files with correct permissions.
- Fixed case CPANEL-18635: Fix typo in PHP-FPM configuration file comments.
- Fixed case CPANEL-18642: Report correct error message CPAPI2 add\_zone\_record.
- Fixed case CPANEL-18663: Inform user that service configuration transfer requires cPanel on source server.
- Fixed case CPANEL-18665: Prevent bind reload requests from overwhelming the taskqueue.
- Fixed case CPANEL-18675: Add end of life message for CentOS 6 systems.
- Fixed case CPANEL-18684: Add new MS Office MIME types to File Manager.
- Fixed case CPANEL-18689: Handle multiple emails properly in Site Software.
- Fixed case CPANEL-18712: Don't allow disabling IPv6 for a user if there's no ranges.
- Fixed case CPANEL-18720: Ensure subdomain dns records end up in the controlling zone.
- Fixed case CPANEL-18724: Improve process of enabling or disabling PHP-FPM as a service.
- Fixed case CPANEL-18725: Get rid of cache file on certificate delete.
- Fixed case CPANEL-18727: Make rearrangeacct add HOMEDIRPATHS in CPUSER file.
- Fixed case CPANEL-18741: Ensure enablefileprotect works from any directory.
- Fixed case CPANEL-18746: Update upper-limit error message in Tweak Settings.
- Fixed case CPANEL-18751: Update Mojolicious to version 7.67.
- Fixed case CPANEL-18758: Pkgacct: Fix warning, refactor password and digest shadow to modules.
- Fixed case CPANEL-18759: Upgrade product to use FontAwesome 5.0.6.
- Fixed case CPANEL-18761: Ensure manually created zones are fully removed from DBs upon delete.
- Fixed case CPANEL-18771: Tighten error reporting and I/O in cphulk server and client.
- Fixed case CPANEL-18778: Fix content escaping from tabs on Site Software.
- Fixed case CPANEL-18779: Refactor AutoSSL per-user processing and logging for legibility.
- Fixed case CPANEL-18782: Fix nested status item display quirks in Whostmgr::UI.
- Fixed case CPANEL-18786: Use domain exists in Whostmgr::Auth::verify\_domain\_access.
- Fixed case CPANEL-18787: Fix template lazy loading in xml-api.
- Fixed case CPANEL-18792: Fixquotas: don't fail on CloudLinux 7 EFI systems.
- Fixed case CPANEL-18795: Ensure that the dnsonly check works correctly in WHM Manage API Tokens.
- Fixed case CPANEL-18801: Restore support for /usr/local/cpanel/bin/cpanel -F for DNS Only servers.
- Fixed case CPANEL-18805: Ensure mysql backups proceed if the user has more than 36k domains.
- Fixed case CPANEL-18810: Ensure verbose logging in dnsadmin does not break zone syncing.
- Fixed case CPANEL-18813: Allow cPanel Remote MySQL interface to take IPv6 addresses.
- Fixed case CPANEL-18818: Ensure Solr is restarted when it is enabled with configureservice.
- Fixed case CPANEL-18822: Don't reset CPAN config on every update.
- Fixed case CPANEL-18825: Reduce locale bloat in account creation.
- Fixed case CPANEL-18834: Have EA3 factor in splitlogs.conf's `sssport` for splitlogs.
- Fixed case CPANEL-18838: Extend timeout for Google Drive credential callback.
- Fixed case CPANEL-18858: EA4 layout Improvements.
- Fixed case CPANEL-18868: Significantly improve dns cluster zone passing performance.
- Fixed case CPANEL-18871: Fix install log warnings when /etc/chkserv.d doesn't exist.
- Fixed case CPANEL-18872: Suspension: gracefully handle missing directory.
- Fixed case CPANEL-18873: Modify Account: ensure legacy YAML database files are cleaned up.
- Fixed case CPANEL-18876: Update ace-editor version to 1.3.1.
- Fixed case CPANEL-18878: Improve performance of setsiteip.
- Fixed case CPANEL-18879: Display human friendly error when setting a PHP that is not installed.
- Fixed case CPANEL-18887: Fix comma splice in PHP-FPM templates.
- Fixed case CPANEL-18889: Logout email users when the password is changed by the cPanel user.
- Fixed case CPANEL-18898: Simplify background processing of PHP-FPM tasks.
- Fixed case CPANEL-18899: Make cpses and hulk PAM modules into RPMs.
- Fixed case CPANEL-18907: Remove support for dnsadmin servers older than 11.25.
- Fixed case CPANEL-18915: Exclude proxysubdomainsoverride if we clobber proxy A records.
- Fixed case CPANEL-18920: SpamAssassin and SpamBox APIs and UI are now feature enforced.
- Fixed case CPANEL-18922: Improve error checking and usage output for scripts/swapip.
- Fixed case CPANEL-18923: Improve setsiteip error handling and input validation reporting.
- Fixed case CPANEL-18930: Resolve error loading cPanel users file for root on OIDC login.
- Fixed case CPANEL-18939: Transfer Tool: avoid warning about disconnection.
- Fixed case CPANEL-18942: Make PowerDNS and NSD integrations respect deferred restarts/reloads.
- Fixed case CPANEL-18944: Ensure queueprocd is started on DNSONLY startup.



- Fixed case CPANEL-18957: Revised MultiPHP Manager page to better report status of PHP-FPM conversion.
- Fixed case CPANEL-18961: WHM: Ensure Password Modification will only submit with a confirmed password.
- Fixed case CPANEL-18966: Update dovecot to 2.2.34-2.cp1162.
- Fixed case CPANEL-18972: Alter validation when adding user to userdata CacheQueue.
- Fixed case CPANEL-18982: Bwlimit\_notify: handle invalid arguments more gracefully.
- Fixed case CPANEL-18989: Fix rendering of Force Password Change UI.
- Fixed case CPANEL-18994: Provide useful message when no transfer/restore history exists.
- Fixed case CPANEL-18999: Address broken FontAwesome symlinks.
- Fixed case CPANEL-19012: Avoid checking notifications when forced to make a password change.
- Fixed case CPANEL-19022: Combine both paths in LoadConfig and report errors building the parser.
- Fixed case CPANEL-19034: Avoid superfluous CAB parsing/ordering in OCSP checks.
- Fixed case CPANEL-19037: Ensure MAX\_EMAILACCT\_QUOTA survives restricted restore.
- Fixed case CPANEL-19038: Create an iContact handler for CONTACTSMS.
- Fixed case CPANEL-19044: Add warning for restricted PHP versions.
- Fixed case CPANEL-19047: Improved table and notifications in backup configuration.
- Fixed case CPANEL-19057: Prevent extraneous newline in email quota file.
- Fixed case CPANEL-19071: Display checkboxes for default reseller privileges.
- Fixed case CPANEL-19074: Ensure backup restore menu can load with 1000s of accounts.
- Fixed case CPANEL-19096: Resolve refactoring error in fixnamedviews.
- Fixed case CPANEL-19100: Ensure feature showcase does not block if the cPStore is unreachable.
- Fixed case CPANEL-19109: Update B::C to release 5.026011.
- Fixed case CPANEL-19116: Avoid heavyweight mysql/postgres modules for checking if the server is up.
- Fixed case CPANEL-19117: Avoid loading package management system during account archive restore.
- Fixed case CPANEL-19118: Ensure backup restore manager does not bust taskqueue locks.
- Fixed case CPANEL-19122: Ensure new backup system uses fastspawn like the legacy system.
- Fixed case CPANEL-19124: Avoid frequent cpbackup\_transporter respawns by waiting 5m for new work.
- Fixed case CPANEL-19127: Avoid rpm dependency calculation during file verification.
- Fixed case CPANEL-19130: Resolve scalability concerns with sqlite bandwidth databases.
- Fixed case CPANEL-19134: Improve wording of one message in Site Software.
- Fixed case CPANEL-19138: Fixed partial uninstall of WordPress instances.
- Fixed case CPANEL-19139: Update cpanel-perl-526-Directory-Queue to 1.9-3.cp1170.
- Fixed case CPANEL-19139: Update cpanel-perl-526-File-Slurper to 0.009-1.cp1170.
- Fixed case CPANEL-19140: Disable caching mainip lookup until wwwacct.conf exists.
- Fixed case CPANEL-19152: Only display cPAddons if they are actually installed.
- Fixed case CPANEL-19154: Add tweak settings for package setting defaults.
- Fixed case CPANEL-19157: WHM: Add validation for package selection on Create an Account.
- Fixed case CPANEL-19163: Getting Started Wizard: resolve nameserver IPs on DNSONLY.
- Fixed case CPANEL-19177: Remove effects from Close button to match Save button on YUI popups.
- Fixed case CPANEL-19181: Change Hostname: reject IP addresses.
- Fixed case CPANEL-19182: Disable SpamAssassin checkbox for globally enabled.
- Fixed case CPANEL-19187: Update field validation to be consistent with other areas on Set Up Networking.
- Fixed case CPANEL-19190: Password Modification: Show a notice about there being no users.
- Fixed case CPANEL-19201: Disable Apply button when INI Editor is invalid.
- Fixed case CPANEL-19203: Update table structure to better display long columns and remove resize.
- Fixed case CPANEL-19207: Avoid incorrect reference to obsolete versions in Exim Configuration Manager.
- Fixed case CPANEL-19210: Fixed parsing of 'settings' parameter in /usr/local/cpanel/bin/manage\_features.
- Fixed case CPANEL-19211: Update cpanel-perl-526-DBD-SQLite to 1.56-1.cp1170.
- Fixed case CPANEL-19212: Ensure forked processes don't share temporary file names.
- Fixed case CPANEL-19214: Fix PHP versions alert bug.
- Fixed case CPANEL-19218: Cpanel/SpamAssassin/Config.pm now ensures .spamassassin directory exists.
- Fixed case CPANEL-19220: Fix bug in apache handlers page where message was misrendered.
- Fixed case CPANEL-19221: Disable the submit button until Apache Handlers form is valid.
- Fixed case CPANEL-19225: Zone Editor: report missing name argument correctly.
- Fixed case CPANEL-19230: Updated phrasing in spam filters.
- Fixed case CPANEL-19235: Improve LoadModule validation for legacy perl module syntax.
- Fixed case CPANEL-19243: Prevent path duplication from login profile.
- Fixed case CPANEL-19245: Added validation for the numeric field in the scores in SpamAssassin.
- Fixed case CPANEL-19246: Mainipcheck: handle non-zero MTU settings.
- Fixed case CPANEL-19251: Allow rebuilding httpd.conf even when it's missing.
- Fixed case CPANEL-19251: Manage Redirection: prevent self-XSS.
- Fixed case CPANEL-19253: Fix several misspellings of SpamAssassin.
- Fixed case CPANEL-19254: Reconcile inconsistencies in the SpamAssassin update process.
- Fixed case CPANEL-19255: Fix column size issue on Email Accounts in retro.
- Fixed case CPANEL-19258: Ensure bandwidth DBs are readable for backup.
- Fixed case CPANEL-19260: Ensure MySQL profile activation rolls back upon failure.
- Fixed case CPANEL-19261: Ensure MySQL can be reinstalled when it is missing.
- Fixed case CPANEL-19265: Update cpanel-perl-526-Template-Toolkit to 2.27-6.cp1170.
- Fixed case CPANEL-19270: Update cpanel-perl-526-Net-SFTP-Foreign to 1.89-1.cp1170.
- Fixed case CPANEL-19274: Update cpanel-mailman to 2.1.26-1.cp1162.
- Fixed case CPANEL-19280: Update 'Basic WebHost Manager@ Setup' required fields.
- Fixed case CPANEL-19284: Replace grainy add.gif in exim advanced editor w/ web font.
- Fixed case CPANEL-19287: Updated SpamAssassin::Enable to use correct creation permissions.
- Fixed case CPANEL-19299: Fixed broken route command in ipaliases.
- Fixed case CPANEL-19329: Eximstats\_spam\_check now filters empty senders.
- Fixed case CPANEL-19333: Add hookability for WHM API1 installssl.
- Fixed case CPANEL-19343: Expire cpsrvd's SNI cache after 10 minutes.
- Fixed case CPANEL-19348: Ensure backups can be downloaded in cPanel.
- Fixed case CPANEL-19348: Fix cPanel backup downloads when backup dir has trailing slash.
- Fixed case CPANEL-19350: Update cpanel-perl-526-Net-DNS to 1.11-2.cp1170.

- Fixed case CPANEL-19356: Fix in-memory ungzip for larger documents.
- Fixed case CPANEL-19358: Fetch all zones needed to determine MailRouting in a single call.
- Fixed case CPANEL-19363: Show warnings when some email filters cannot be installed.
- Fixed case CPANEL-19368: Don't report uninstall for RPM based addons when they're not installed.
- Fixed case CPANEL-19383: Address timeout during restore of non-SSL vhosts.
- Fixed case CPANEL-19387: Reject over-large quota sizes in conversion and new submissions.
- Fixed case CPANEL-19394: Fix infinite "Gathering PHP-FPM packages information" loop.
- Fixed case CPANEL-19420: Fix WHM >> Modify An Account JavaScript error when SpamAssassin is disabled.
- Fixed case CPANEL-19424: Ensure "Accounts Limits Based on Resources" appears as needed on Create Account.
- Fixed case CPANEL-19428: Deduplicate calendar handling between WHM and cPanel.
- Fixed case CPANEL-19428: Handle literal strings in locale date formats.
- Fixed case CPANEL-19429: Transfer Tool: prevent warning when restoring from different server.
- Fixed case CPANEL-19438: Bypass http pid check when httpd has already failed.
- Fixed case CPANEL-19439: Ensure SQLite integrity check only runs once per DBI connect.
- Fixed case CPANEL-19441: Make Cpanel::Domain::Zone race safe.
- Fixed case CPANEL-19442: Update IO::Socket::SSL to version 2.049-5.cp1170.
- Fixed case CPANEL-19457: Address timeout during restore of SSL vhosts.
- Fixed case CPANEL-19459: UAPI Email: fix maketext format string injection.
- Fixed case CPANEL-19460: Select the cPanel Site Software Install tab from the query parameters.
- Fixed case CPANEL-19464: Update cpanel-git to 2.16.3-1.cp1170.
- Fixed case CPANEL-19473: Enable automatic and manual disabling of backup metadata system.
- Fixed case CPANEL-19478: Avoid dangerous situation leading to potential XSS.
- Fixed case CPANEL-19481: Add detail to outgoing suspension feature showcase.
- Fixed case CPANEL-19482: Fixed html encoding issues from the directory lookup service.
- Fixed case CPANEL-19487: Cpanel::PublicSuffix expire cache when PublicSuffix.pm size changes.
- Fixed case CPANEL-19495: Reduce OOM chance and improve Addon domain restore performance.
- Fixed case CPANEL-19513: When PHP version is `inherit` assume it is installed.
- Fixed case CPANEL-19514: Force upload\_system\_backup to be 0/1 in backup transports.
- Fixed case CPANEL-19534: Password Modification: allow submitting form.
- Fixed case CPANEL-19535: Update cpanel-squirrelmail to 2012.12.09-2.cp1162.
- Fixed case CPANEL-19541: Restore dynamic ui caching when backup metadata state is enabled/unknown.
- Fixed case CPANEL-19543: Use top level clone instead of Clone::clone to avoid SSL object leak.
- Fixed case CPANEL-19564: Display notice when no Site Software is available.
- Fixed case CPANEL-19575: Updated CKEditor to use a custom preview button, fixing MagicRevision issues.
- Fixed case CPANEL-19576: Update cpanel-perl-526-Net-WebSocket to 0.17-1.cp1170.
- Fixed case CPANEL-19582: Reduce account restoration memory consumption.
- Fixed case CPANEL-19588: Zone Editor: avoid error preventing saving from working.
- Fixed case CPANEL-19591: Update cpanel-git to 2.17.0-1.cp1170.
- Fixed case CPANEL-19592: Reduce OOM chance and improve Addon domain restore performance.
- Fixed case CPANEL-19597: Prevent OOM during account removal of domain and TLS assets.
- Fixed case CPANEL-19601: WHM API listpkgs: avoid error with invalid package.
- Fixed case CPANEL-19616: Address cache race safety and leaks in CachedDataStore.
- Fixed case CPANEL-19629: Respawn transfer system restore children when memory limit reached.
- Fixed case CPANEL-19643: Ensure the Apache restart process never run longer than the timeout.
- Fixed case CPANEL-19675: Fix certificate cache saves in Domain/Apache TLS.
- Fixed case CPANEL-19684: Add missing Fcntl dependency.
- Fixed case CPANEL-19689: Fix order of operations bug in transfers.
- Fixed case CPANEL-19699: Optimize zone addition when there are multiple views.
- Fixed case CPANEL-19700: Improve SSL install parse time during addon domain install.
- Fixed case CPANEL-19707: Update the description of the max email quota.
- Fixed case CPANEL-19708: Update cpanel-perl-526-YAML-Syck to 1.30-2.cp1170.
- Fixed case CPANEL-19709: Update cpanel-perl-526-Template-Toolkit to 2.27-7.cp1170.
- Fixed case CPANEL-19732: Optimized backup metadata system.
- Fixed case CPANEL-19741: Allow account restore modules to run if prereqs are disabled.
- Fixed case CPANEL-19749: Quota Modification: allow setting to unlimited.
- Fixed case CPANEL-19762: Resolve performance regression with recent restore related changes.
- Fixed case CPANEL-19799: Webmail: ensure mail can be delivered when enabling SpamAssassin.
- Fixed case CPANEL-19855: Quit escaping newlines for incremental backups.
- Fixed case CPANEL-19903: File Restoration: avoid warnings in error log.
- Implemented case CPANEL-16201: Encode and decode URIs with XS.
- Implemented case CPANEL-17864: Have cPanel's MultiPHP Manager adhere to the PHP feature items.
- Implemented case CPANEL-18096: Check cpanel user file for IP before loading userdata.
- Implemented case CPANEL-18252: Auto selection of PHP extensions.
- Implemented case CPANEL-18306: Updated and Added new SpamAssassin APIs for use in the updated UI.
- Implemented case CPANEL-18440: Avoid trying to restore RRDtool data when there is none.
- Implemented case CPANEL-18449: Add max email quota option to UAPI.
- Implemented case CPANEL-18457: Add max email quota to WHM accounts API.
- Implemented case CPANEL-18517: The Email Disk Usage page now allows you to deep link a search.
- Implemented case CPANEL-18531: Add max email quota to WHM packages API.
- Implemented case CPANEL-18669: Expose userdatadomains info via the get\_domain\_info WHMAPI1 call.
- Implemented case CPANEL-18676: SpamAssassin UI is new and improved both in design and UX.
- Implemented case CPANEL-18688: Convert Site Software to use tabbed layout.
- Implemented case CPANEL-18733: Teach recursive DNS query resolver not to resolve final CNAMEs.
- Implemented case CPANEL-18808: Remove legacy ssl userdata compatibility support from backups.
- Implemented case CPANEL-18859: Ensure mailips and mailhelo correctly respect reseller ips.
- Implemented case CPANEL-18900: Significantly improve webdisk file listing response time.
- Implemented case CPANEL-18919: Getting the status of the mailbox lists no longer requires features.
- Implemented case CPANEL-18926: Reduce duplicate regexes in Cpanel::Dlp::MainIP.
- Implemented case CPANEL-18932: Make /usr/local/cpanel/bin/hostname send hostname changes to the correct place.

- Implemented case CPANEL-18945: Pkgacct now connects the tar/gzip pipe directly for single files.
- Implemented case CPANEL-18986: Add max\_emailacct\_quota to wwwacct.
- Implemented case CPANEL-18997: Add max email quota to account create/modify UIs.
- Implemented case CPANEL-19009: Add max email quota to WHM Packages UI.
- Implemented case CPANEL-19021: Update email accounts to support max email quota.
- Implemented case CPANEL-19033: Update user manager to support max email quota.
- Implemented case CPANEL-19055: Show PHP common extensions.
- Implemented case CPANEL-19064: Add max email account quota to feature showcase.
- Implemented case CPANEL-19065: Fix validation message when quota isn't unlimited.
- Implemented case CPANEL-19143: Remove mistaken notification for NO\_UNCOVERED\_DOMAIN\_PASSED\_DCV.
- Implemented case CPANEL-19239: Removed the upper limit on the Spam Filters Auto Delete UI.
- Implemented case CPANEL-19248: Update cpanel-sqlite to 3.22.0-1.cp1162.
- Implemented case CPANEL-19259: Prevent submitting invalid quotas.
- Fixed case CPANEL-19635: Make EA4 updates aware of UPDATES=never in /etc/cpupdate.conf.
- Fixed case CPANEL-19729: Fix output issues with background MySQL upgrade.
- Fixed case CPANEL-19779: Redirect STDOUT AND STDERR to the error\_log file so we don't lose info.
- Fixed case CPANEL-19795: Fix problem with setting backup failure status.
- Fixed case CPANEL-19842: Update cpanel-roundcubemail to 1.3.3-5.cp1164.
- Fixed case CPANEL-19860: Safeapacherestart: provide a default success message.
- Fixed case CPANEL-19860: Safeapacherestart: avoid uninitialized value warning.
- Fixed case CPANEL-19879: Fix parsing of empty lines in zonefile.
- Fixed case CPANEL-19882: Fix converting mailboxes for email addresses with dash.
- Fixed case CPANEL-19892: Add a module to create random UUIDs.
- Fixed case CPANEL-19892: Backup Metadata: create UUIDs securely.
- Fixed case CPANEL-19892: Cpanel::Rand::Get: add "binary" alias.
- Fixed case CPANEL-19892: Create a Support Ticket: create UUIDs securely.
- Fixed case CPANEL-19894: Add message to regenerate metadata if the on disk backup is missing.
- Fixed case CPANEL-19897: Fix unescaped HTML in UAPI Restore::directory\_listing errors.
- Fixed case CPANEL-19909: Prevent Dns installing from adding duplicate entries.
- Fixed case CPANEL-19927: Prevent multiple notify queue runners.
- Fixed case CPANEL-19935: Fix JSON UTF8 corruption in Cpanel::AccessIds.
- Fixed case CPANEL-19945: Resolve race contention lock clobber when there are 3 locks per second.
- Fixed case CPANEL-19963: Restore default value of 80 to webdav\_port in webdav backup destination.

## 70.0.27

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### 2018-04-16

- Fixed case CPANEL-18756: Update cpanel-perl-526-build to 5.26.0-8.cp1170.
- Fixed case CPANEL-18756: Update cpanel-perl-526 to 5.26.0-8.cp1170 for CVE-2018-6913, CVE-2018-6797, and CVE-2018-6798.
- Fixed case CPANEL-19094: Improve performance and timestamping on install/Perl526.pm.
- Fixed case CPANEL-19458: Remove unneeded exit in bin/backup when cpbackup\_transporter running.
- Fixed case CPANEL-19481: Add detail to outgoing suspension feature showcase.
- Fixed case CPANEL-19487: Cpanel::PublicSuffix expire cache when PublicSuffix.pm size changes.
- Fixed case CPANEL-19535: Update cpanel-squirrelmail to 2012.12.09-2.cp1162.
- Fixed case CPANEL-19541: Restore dynamic ui caching when backup metadata state is enabled/unknown.
- Fixed case CPANEL-19673: Pkgacct: skip PostgreSQL databases if it isn't installed.
- Fixed case CPANEL-19680: Update cpanel-roundcubemail to 1.3.3-4.cp1164.
- Fixed case CPANEL-19684: Add missing Fcntl dependency.

## 11.70.0.26

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### 2018-03-28

- Fixed case CPANEL-17603: Avoid duplicate entries in userdomains-related files.
- Fixed case CPANEL-18184: Rebuild PHP-FPM config for subdomain document root changes.
- Fixed case CPANEL-19365: Add file glob support for cPAddons file cleanup.
- Fixed case CPANEL-19387: Reject over-large quota sizes in conversion and new submissions.
- Fixed case CPANEL-19428: Handle literal strings in locale date formats.
- Fixed case CPANEL-19428: Deduplicate calendar handling between WHM and cPanel.
- Fixed case CPANEL-19442: Update IO::Socket::SSL to version 2.049-5.cp1170.
- Fixed case CPANEL-19449: Propagate spamassassin warnings if user\_prefs creation fails.
- Fixed case CPANEL-19451: Force upload\_system\_backup to be 0/1 in backup transports.
- Fixed case CPANEL-19490: Fix memory increase in cpanel when checking for backup metadata status.
- Implemented case CPANEL-18859: Ensure mailips and mailhelo correctly respect reseller ips.

## 70.0.24

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### 2018-03-23

- Fixed case CPANEL-13158: Limit AutoSSL DCV failure content logging to 1024 bytes.
- Fixed case CPANEL-15006: Add further instruction on MySQL Profiles page.
- Fixed case CPANEL-15341: Remove Managing dropdown from Default Address application.
- Fixed case CPANEL-16280: Moved action\_shrink\_modsec\_ip\_database out of maintenance, into cron.

- Fixed case CPANEL-17704: Add verbiage about InnoDB errors.
- Fixed case CPANEL-18024: Fixes validation of integer fields on WHM Backup Configuration page.
- Fixed case CPANEL-18246: Check proxysubdomains when resetting DNS zone.
- Fixed case CPANEL-18385: Fix JS console error on TLS wizard.
- Fixed case CPANEL-18454: Report MAXPARK=0 correctly in listaccts.
- Fixed case CPANEL-18554: Fixed typos in message used when resellers attempt to oversell bandwidth.
- Fixed case CPANEL-18613: Fix Public Contact link to refer to be version independent.
- Fixed case CPANEL-18619: Properly detect all tasks when flushing task queue.
- Fixed case CPANEL-18678: Empty line in cpbackup-exclude.conf skipping home directory.
- Fixed case CPANEL-18768: Improve efficiency of file-transaction write-outs.
- Fixed case CPANEL-18782: Fix nested status item display quirks in Whostmgr::UI.
- Fixed case CPANEL-18792: Fixquotas: don't fail on CloudLinux 7 EFI systems.
- Fixed case CPANEL-18811: Prevent restore stall when autossd excluded domains cannot be restored.
- Fixed case CPANEL-18817: Ensure daemon startup clears TMP and TEMP env variables.
- Fixed case CPANEL-18818: Ensure solr is restarted when it is enabled with configureservice.
- Fixed case CPANEL-18824: Guard against stale vacuum metadata PID files.
- Fixed case CPANEL-18831: Warn when show\_grants() gets an unexpected string.
- Fixed case CPANEL-18832: Restore functionality of SoftLayer DNS clustering.
- Fixed case CPANEL-18837: Move the location of the backups metadata file.
- Fixed case CPANEL-18874: Added last 2 crontabs entered, was breaking update on upgrade.
- Fixed case CPANEL-18889: Logout email users when the password is changed by the cPanel user.
- Fixed case CPANEL-18892: Skip notifications for expiring self-signed certificates.
- Fixed case CPANEL-18915: Exclude proxysubdomainsoverride if we clobber proxy A records.
- Fixed case CPANEL-18941: Update cpanel-perl-526-IO-Socket-SSL to 2.049-4.cp1170.
- Fixed case CPANEL-18950: Update cpanel-clamav to 0.99.4-1.cp1170.
- Fixed case CPANEL-18972: Alter validation when adding user to userdata CacheQueue.
- Fixed case CPANEL-18973: Rpmup: ensure 0 exit on success.
- Fixed case CPANEL-18976: Avoid warning when creating account without proxy subdomains.
- Fixed case CPANEL-18988: Avoid display bare number when removing accounts.
- Fixed case CPANEL-19004: Update proftpd to 1.3.6-2.cp1170.
- Fixed case CPANEL-19006: Account Restoration: restore mailman archives even if missing.
- Fixed case CPANEL-19072: Avoid fault on loading Cpanel::Backup::Restore.
- Fixed case CPANEL-19074: Ensure backup restore menu can load with 1000s of accounts.
- Fixed case CPANEL-19098: Enable automatic and manual disabling of backup metadata system.
- Fixed case CPANEL-19100: Ensure feature showcase does not block if the cPStore is unreachable.
- Fixed case CPANEL-19106: Remove more Storable uses to avoid SEGV in BC.
- Fixed case CPANEL-19122: Ensure new backup system uses fastspawn like the legacy system.
- Fixed case CPANEL-19124: Avoid frequent cpbackup\_transporter respawns by waiting 5m for new work.
- Fixed case CPANEL-19127: Avoid rpm dep calculation during file verification.
- Fixed case CPANEL-19129: Don't queue items for transport if there are no transports.
- Fixed case CPANEL-19211: Update cpanel-perl-526-DBD-SQLite to 1.56-1.cp1170.
- Fixed case CPANEL-19251: Allow rebuilding httpd.conf even when missing.
- Fixed case CPANEL-19260: Ensure Mysql profiles activation rolls back upon failure.
- Fixed case CPANEL-19261: Ensure MySQL can be reinstalled when it is missing.
- Fixed case CPANEL-19290: Refactor backup config changes to be less resource intensive.
- Fixed case CPANEL-19299: Fixed broken route command in ipaliases.
- Fixed case CPANEL-19325: Set Smoke OK instead of For Review when DNM is in the title.
- Fixed case CPANEL-19329: Eximstats\_spam\_check now filters empty senders.
- Fixed case CPANEL-19343: Expire cpsrvd's SNI cache after 10 minutes.
- Fixed case CPANEL-19348: Fix cPanel backup downloads when backup dir has trailing slash.
- Fixed case CPANEL-19348: Ensure backups can be downloaded in cPanel.
- Fixed case CPANEL-19351: Update cpanel-squirrelmail to 2012.12.09-1.cp1162.
- Fixed case CPANEL-19433: Ensure backup restore manager does not bust taskqueue locks.
- Implemented case CPANEL-19248: Update cpanel-sqlite to 3.22.0-1.cp1162.

## 70.0.23

### 2018-03-19

- [security] Fixed case SEC-338: Arbitrary file chmod during legacy incremental backups.
- [security] Fixed case SEC-357: Self-XSS in WHM cPAddons showsecurity Interface.
- [security] Fixed case SEC-359: Code execution via '.' in @INC during perl syntax check of cpaddonsup.
- [security] Fixed case SEC-362: Demo account code execution via awstats.
- [security] Fixed case SEC-364: Root accesshash revealed by WHM /cgi/trustclustermaster.cgi.
- [security] Fixed case SEC-368: OpenID providers can inject arbitrary data into cPanel session files.
- [security] Fixed case SEC-369: Stored XSS in WHM Edit DNS Zone.
- [security] Fixed case SEC-370: Stored XSS in WHM Edit MX Entry.
- [security] Fixed case SEC-371: Any user is able to shut down Solr.
- [security] Fixed case SEC-372: Remote Stored XSS in WHM DNS Cluster.
- [security] Fixed case SEC-373: Remote Stored XSS in WHM Create Account.
- [security] Fixed case SEC-374: Remote Stored XSS in WHM Edit DNS Zone.
- [security] Fixed case SEC-375: Remote Stored XSS in WHM Delete a DNS Zone.
- [security] Fixed case SEC-376: Remote Stored XSS in WHM DNS Cleanup.
- [security] Fixed case SEC-377: Remote Stored XSS in WHM Synchronize DNS Records.
- [security] Fixed case SEC-378: Arbitrary file read and unlink via WHM style uploads.
- [security] Fixed case SEC-379: Local privilege escalation via WHM Legacy Language File Upload interface.
- [security] Fixed case SEC-380: Local privilege escalation via WHM Locale XML Upload interface.
- [security] Fixed case SEC-382: Jailshell breakout via incorrect crontab parsing.

- [security] Fixed case SEC-391: Remote Stored XSS in cpaddons vendor interface.
- [security] Fixed case SEC-392: Open redirect via /unprotected/redirect.html endpoint.
- [security] Fixed case SEC-401: Htaccess restrictions bypass when "Htaccess Optimization" enabled.
- [security] Fixed case SEC-405: Demo account code execution via cPanel Landing Page.
- [security] Fixed case SEC-406: Apache logs exposed by creation of certain domains.
- [security] Fixed case SEC-410: Stored XSS in WHM Edit DNS Zone.
- [security] Fixed case SEC-411: Email account suspensions can be applied to unowned accounts.
- [security] Fixed case SEC-412: Stored XSS in WHM Reset a DNS Zone.

## 70.0.18

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### 2018-02-27

- Fixed case CPANEL-10163: Remove needless dismount of virtfs for quota check.
- Fixed case CPANEL-18392: Remove progress overly to hang when there is an error creating an account.
- Fixed case CPANEL-18415: Fix typo in KAM SpamAssassin ruleset.
- Fixed case CPANEL-18764: Pkgacct: don't fail when unprivileged.
- Fixed case CPANEL-18764: Pkgacct: properly store quota when unprivileged.
- Fixed case CPANEL-18769: Update call to create metadata v3.0 for backups.
- Fixed case CPANEL-18772: Remove cpanel-perl-526-Mojo-Pg when coming from 72.
- Fixed case CPANEL-18777: Update dovecot to 2.2.33.2-4.cp1162.

## 70.0.17

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### 2018-02-22

- Fixed case CPANEL-17316: Fix UI validation of required items for the HipChat iContact provider.
- Fixed case CPANEL-17991: Make eximstats.sql import process less aggressive.
- Fixed case CPANEL-18577: Update outgoing suspend/hold when acct is modified.
- Fixed case CPANEL-18591: Update AutoSSL provider SORT\_VHOST\_FQDNS for Apache TLS.
- Fixed case CPANEL-18666: Ensure the dns zone is reloaded when adding a explicit wildcard subdomain.
- Fixed case CPANEL-18672: Restore original fetchipvlst() behavior.
- Fixed case CPANEL-18680: Update cpanel-git to 2.16.2-1.cp1170.
- Fixed case CPANEL-18728: Reduce size of the backups metadata database.

## 70.0.16

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### 2018-02-20

- Fixed case CPANEL-3208: Suspended transferred/restored accounts remain suspended.
- Fixed case CPANEL-18444: Ensure there is a newline after EA3 SSL hostname `</VirtualHost>`.
- Fixed case CPANEL-18552: Stop rebuilding httpd.conf every time a user is added.
- Fixed case CPANEL-18557: Restore SpamAssassin customizations on upgrade to 70.
- Fixed case CPANEL-18594: Update cpanel-clamav to 0.99.3-3.cp1170.
- Fixed case CPANEL-18601: Ensure get\_shared\_ip is accessible to resellers.
- Fixed case CPANEL-18607: Implementing read backward of eximstats.sql file.
- Fixed case CPANEL-18614: Don't allow metadata corruption to abort the backup script.
- Fixed case CPANEL-18617: Updated EULA.
- Fixed case CPANEL-18618: Ensure account removal success when running from a user non-readable dir.
- Fixed case CPANEL-18665: Prevent bind reload requests from overwhelming the taskqueue.
- Fixed case CPANEL-18696: Detect unexpected webserver exit during restart.

## 70.0.13

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### 2018-02-13

- Fixed case CPANEL-13337: Paper Lantern: Allow Contact Information to use updatenotificationprefs feature.
- Fixed case CPANEL-14816: Workaround crash in mysqldump when exporting many roundcube ids.
- Fixed case CPANEL-15777: Ensure non-root-resellers can retrieve messages from mail delivery report.
- Fixed case CPANEL-16453: WHM: Avoid triggering a selection if a user or domain is already selected.
- Fixed case CPANEL-17696: Clear email search filter on log out.
- Fixed case CPANEL-18092: Restore Cpanel::Validate::Username::Core performance.
- Fixed case CPANEL-18132: Yum timeout errors aren't errors when trying other mirrors.
- Fixed case CPANEL-18139: Avoid warning in WHM in es-419 locale.
- Fixed case CPANEL-18356: Ensure cptkt users are excluded from cache updates.
- Fixed case CPANEL-18475: Prevent mail directories from being stored in metadata for backups.
- Fixed case CPANEL-18483: Improve reliability of mailman archive restore by reducing memory needed.
- Fixed case CPANEL-18565: Allow creation of forwarders to local domains owned by other users.
- Fixed case CPANEL-18571: Update exim to 4.90.1-1.cp1170.
- Fixed case CPANEL-18574: Weekly backup on a day w/o a daily backup failed.
- Fixed case CPANEL-18589: Improve handling of backup metadata vacuuming.
- Implemented case CPANEL-18519: Cleanup checks for invalid users in UpdateCache.pm.

## 70.0.12

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### 2018-02-08

- Fixed case CPANEL-18437: Improve error reporting when a dbowner already exists.
- Fixed case CPANEL-18456: Ensure mailman archives are removed on account termination.
- Fixed case CPANEL-18458: Improve error reporting when setting quota.
- Fixed case CPANEL-18487: Gracefully handle MySQL users with empty passwords.
- Fixed case CPANEL-18493: Introduce a shim for Cpanel::Server::Type.
- Fixed case CPANEL-18493: DNSONLY: don't try to clean database temporary users.
- Fixed case CPANEL-18510: Update exim to 4.90-3.cp1170.

## 70.0.10

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### 2018-02-07

- Fixed case CPANEL-18436: Make SSL/TLS Status report that it can't secure wildcards via AutoSSL.
- Fixed case CPANEL-18460: Mark cpanel as a reserved username.
- Fixed case CPANEL-18488: Add safety to userdata cache update to prevent empty users.

## 70.0.9

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### 2018-02-07

- Fixed case CPANEL-2202: Ensure subdomain TTL complies with domain default.
- Fixed case CPANEL-16867: Change tweak help text to be clearer.
- Fixed case CPANEL-17156: Fixes flickering PHP-FPM indicator on cPanel MultiPHP Manager page.
- Fixed case CPANEL-17181: Update cpanel-perl-526-cPanel-TaskQueue to 0.850-1.cp1170.
- Fixed case CPANEL-18134: Removed references to and suggestions based on usage of CentOS 5.
- Fixed case CPANEL-18357: Fix non-reporting of systemd failure when starting a service.
- Fixed case CPANEL-18381: Update cpanel-clamav to 0.99.3-2.cp1170.
- Fixed case CPANEL-18388: Fix Amazon and Google transports to handle touch files.
- Fixed case CPANEL-18403: Ensure backups succeed when BACKUPDIR has trailing slash.
- Fixed case CPANEL-18416: Update cpanel-phpmyadmin to 4.7.7-2.cp1166.
- Fixed case CPANEL-18442: Ensure transfers can proceed if cpanel-roundcubemail is uninstalled.
- Fixed case CPANEL-18447: MySQL 5.7: ensure mysql\_config is installed.
- Fixed case CPANEL-18464: Update Security Advisor to the latest version.
- Fixed case CPANEL-18468: Gracefully handle /etc/localtime not being a symlink.
- Fixed case CPANEL-18470: Ensure backup restores preserve custom zone records.
- Fixed case CPANEL-18479: Update cpanel-mailman to 2.1.25-2.cp1162.

## 70.0.8

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### 2018-01-31

- Fixed case CPANEL-17492: Prevent deadlock with updateuserdomains in account removal.
- Fixed case CPANEL-17582: Provide error message on invalid shared IPv6 address.
- Fixed case CPANEL-17608: Make "Rearrange Account" lift quotas while copying user data.
- Fixed case CPANEL-17867: Added missing validation notification in backup configuration.
- Fixed case CPANEL-17949: Mysql logins work after MySQL 5.7 -> MariaDB 10.2.
- Fixed case CPANEL-18115: Update cpanel-perl-526-build to 5.26.0-4.cp1170.
- Fixed case CPANEL-18115: Update cpanel-perl-526 to 5.26.0-4.cp1170.
- Fixed case CPANEL-18181: Set-tls-settings: save settings for Dovecot with missing config.
- Fixed case CPANEL-18183: Make the popup on exim conf restore version mismatch visible.
- Fixed case CPANEL-18264: Findphpversion: print a useful message when PHP isn't installed.
- Fixed case CPANEL-18264: Skip phpversion taskrun on DNSONLY.
- Fixed case CPANEL-18273: Don't warn about old passwords when migrating from MySQL 5.7.
- Fixed case CPANEL-18278: Prevent harsh die when we've made no changes.
- Fixed case CPANEL-18294: Update\_spamassassin\_config: handle missing pyzor gracefully.
- Fixed case CPANEL-18297: Prevent warning in API 2 Park::park call.
- Fixed case CPANEL-18300: Update cpanel-clamav to 0.99.3-1.cp1170.
- Fixed case CPANEL-18301: Update Gatherer: control all gathered information by configuration.
- Fixed case CPANEL-18307: Ensure accounts have correct quota values when created.
- Fixed case CPANEL-18324: Backup: avoid unexpected error when upgrade is in progress.
- Fixed case CPANEL-18326: Resolve race condition with forced and deferred Apache restarts.
- Fixed case CPANEL-18348: Remove unused newmailcgi iContact templates.
- Fixed case CPANEL-18349: Removes HTML styling from additional file restoration error messages.
- Fixed case CPANEL-18380: Update dovecot to 2.2.33.2-3.cp1162.

## 70.0.6

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2018-01-25

- Fixed case CPANEL-18270: Update dovecot to 2.3.0-7.cp1162.

## 70.0.5

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2018-01-25

- Fixed case CPANEL-15932: Filter out interfaces configured with the IP 127.0.0.1 during IP allocation.
- Fixed case CPANEL-18013: Add MySQL grants for access from the peer IP address that MySQL sees.
- Fixed case CPANEL-18029: Update cpanel-re2c to 1.0.3-1.cp1170.
- Fixed case CPANEL-18074: Allow proxy subdomain HTTP DCV to work over nonstandard non-SSL port.
- Fixed case CPANEL-18162: Ignore custom provided srs\_config when srs is already enabled.
- Fixed case CPANEL-18250: Fix success-case DCV check.
- Fixed case CPANEL-18256: Avoid warnings when disabling anonymous FTP access.

## 70.0.4

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2018-01-23

- Fixed case CPANEL-17300: Prevent accidental MyDNS uninstallation during MySQL/MariaDB upgrade.
- Fixed case CPANEL-10456: Ensure jailshell is updated when rearranging an account.
- Fixed case CPANEL-17924: Update dovecot rules to be aware and enforce system quotas.
- Fixed case CPANEL-18108: Removes superfluous HTML styling from file restoration error message.
- Fixed case CPANEL-18122: Move display docslinks check to the global cache to avoid full conf load.
- Fixed case CPANEL-18124: Check quota at LMTP RCPT time to avoid dovecot crash in 2.3.0.
- Implemented case CPANEL-18047: Update title for reindex email messages.

## 70.0.2

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2018-01-23

- Fixed case CPANEL-6955: Exim\_tidydb should ignore invalid dbs and move aside broken ones.
- Fixed case CPANEL-10456: Ensure jailshell is updated when rearranging an account.
- Fixed case CPANEL-13116: Ignore "publichtmlsubonly" on account restore. (revert CPANEL-12847).
- Fixed case CPANEL-14485: Improve MagicRevision handling of symlinks.
- Fixed case CPANEL-15496: Update cpanel-phpmyadmin to 4.7.7-1.cp1166.
- Fixed case CPANEL-16664: Fix error in autoss1 when /var/cpanel/ssl/apache\_tls cert goes missing.
- Fixed case CPANEL-16744: Add File Restoration to Feature Manager.
- Fixed case CPANEL-17604: Enforce upper bound on add\_spam\_filter() threshold score.
- Fixed case CPANEL-17902: EA3: Ensure the 'default SSL' vhost is bound to all of the shared IPs.
- Fixed case CPANEL-17902: WHM: Do not display the 'default SSL' on the Manage SSL Hosts interface.
- Fixed case CPANEL-17929: Update SQLite DBs that might be non-WAL to WAL.
- Fixed case CPANEL-17955: Set an upgrade blocker for the db 'sys' on 5.7.
- Fixed case CPANEL-17956: Updated model to send passphrase with other form data.
- Fixed case CPANEL-17967: Anonymous FTP: avoid warnings during configuration.
- Fixed case CPANEL-17970: Update MySQL55 to 5.5.59-1.cp1162.
- Fixed case CPANEL-17973: Fix recursive DNS resolver's handling of CNAME records.
- Fixed case CPANEL-17988: Update cpanel-php-composer to 1.6.2-1.cp1158.
- Fixed case CPANEL-18002: Remove dead code in Cpanel::Park.
- Fixed case CPANEL-18003: Show DCV response preview when size exceeds limit.
- Fixed case CPANEL-18027: Remove potential quota errors on account suspension.
- Fixed case CPANEL-18036: Remove unneeded cpanel-perl-526-Scalar-List-Utils.
- Fixed case CPANEL-18037: Update cpanel-git to 2.16.0-1.cp1170.
- Fixed case CPANEL-18045: Remove errant check of waitpid status.
- Fixed case CPANEL-18048: Tweak Settings: remove reference to CentOS 5.
- Fixed case CPANEL-18050: Generate SQL metadata for backup before transporting.
- Fixed case CPANEL-18067: Reduce overhead for the trash empty task.
- Fixed case CPANEL-18068: Notify\_expiring\_certificates no longer adds certs to the notify queue.
- Fixed case CPANEL-18071: Update dovecot to 2.3.0-6.cp1162.
- Fixed case CPANEL-18087: Fix conversion error in clamd startup timeout calculation.
- Fixed case CPANEL-18094: Update cpanel-git to 2.16.1-1.cp1170.

## 69.9999.150

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2018-01-17

- Fixed case CPANEL-6955: Exim\_tidydb should ignore invalid dbs and move aside broken ones.
- Fixed case CPANEL-13116: Ignore "publichtmlsubonly" on account restore. (revert CPANEL-12847).
- Fixed case CPANEL-14485: Improve MagicRevision handling of symlinks.
- Fixed case CPANEL-17902: EA3: Ensure the 'default SSL' vhost is bound to all of the shared IPs.

- Fixed case CPANEL-17902: WHM: Do not display the 'default SSL' on the Manage SSL Hosts interface.
- Fixed case CPANEL-17929: Update SQLite DBs that might be non-WAL to WAL.
- Fixed case CPANEL-17973: Fix recursive DNS resolver's handling of CNAME records.

## 69.9999.149

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### 2018-01-16

- Fixed case CPANEL-14701: Improve robustness of .htaccess syntax checker.
- Fixed case CPANEL-15951: Report an error if php-fpm does not start.
- Fixed case CPANEL-17177: Clean up remnants from Interchange.
- Fixed case CPANEL-17431: Make login suspension msgs say log in not read.
- Fixed case CPANEL-17617: Initial support for IPv4 only servers.
- Fixed case CPANEL-17746: Send litespeed USR2 and TERM to ensure clean shutdown on forced\_restart.
- Fixed case CPANEL-17749: Email Accounts: fix duplicate ID.
- Fixed case CPANEL-17770: Ensure the mysql temp directory is usable before allowing upgrade.
- Fixed case CPANEL-17821: Ensure cpses\_tool is able to cleanup orphaned temp users.
- Fixed case CPANEL-17839: Avoid duplicate locale rebuild and apache restart during update.
- Fixed case CPANEL-17860: Ensure clamd can be restarted if /var/clamd is missing.
- Fixed case CPANEL-17869: Show warnings when a mailbox fails to convert mbox/maildir.
- Fixed case CPANEL-17892: Update cpanel-perl-526-Pristine-Tar to 1.40-3.cp1170.
- Fixed case CPANEL-17899: Ensure /etc/mailips and /etc/mailhelo are updated on account add/remove.
- Fixed case CPANEL-17910: Ensure that SQLite DBs are created with WAL journaling.
- Fixed case CPANEL-17921: Avoid trying to set systemd settings on non-systemd systems for MariaDB.
- Fixed case CPANEL-17932: Zone files: add default class if missing.
- Fixed case CPANEL-17935: Update dovecot to 2.3.0-5.cp1162.
- Fixed case CPANEL-17963: Cpanel::ArrayFunc: clean up some perlcritic warnings.
- Fixed case CPANEL-17963: Fix uninitialized value warning on install.
- Fixed case CPANEL-17963: Add min and max functions for arrays.
- Fixed case CPANEL-17965: Fix the URL that is called to load jsforge.
- Fixed case CPANEL-17969: Update MySQL56 to 5.6.39-1.cp1162.
- Fixed case CPANEL-17982: Change dovecot index for spam and sent.
- Implemented case CPANEL-17900: Add support for dovecot 2.3.0.

## 69.9999.145

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### 2018-01-11

- Fixed case CPANEL-16960: Update cpanel-roundcubemail to 1.3.3-3.cp1164.
- Fixed case CPANEL-17197: Increased SQLITE\_BUSY\_TIMEOUT and added random jitter.
- Fixed case CPANEL-17479: Remove unneeded code in iContact provider for HipChat.
- Fixed case CPANEL-17578: Ensure connection loss message is displayed when updating in WHM.
- Fixed case CPANEL-17798: Validating remote transport now displays success message.
- Fixed case CPANEL-17822: Resolve timeout in cPanel Track Delivery.
- Fixed case CPANEL-17837: Fix filesystem sort and use nanosecond precision in cPHulk subqueue.
- Fixed case CPANEL-17865: Run sqlite db maintenance in the proper context during upcp.
- Fixed case CPANEL-17885: Add validation to the change docroot dialog.
- Fixed case CPANEL-17898: Fixed uninitialized value warning during nameserver setup on new installs.
- Fixed case CPANEL-17903: WHM API 1: allow get\_users\_features\_settings without features.
- Fixed case CPANEL-17907: Reject .invalid as a TLD.

## 69.9999.141

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### 2018-01-09

- Fixed case CPANEL-12038: Fix bad margins leading to iframe scrollbars in webmail.
- Fixed case CPANEL-17583: Adding extra logging for backup transfers and fixed glob regex.
- Fixed case CPANEL-17774: Extend empty file checks to additional places.
- Fixed case CPANEL-17783: Ensure clicking the 'MySQL 5.7' label selects the associated radio button.
- Fixed case CPANEL-17793: Switch EximStats's tailwatchd module to deferred notifications.
- Fixed case CPANEL-17800: Updated Rsync warning to look like warning instead of error.
- Fixed case CPANEL-17841: Ensure sysup fetches update config in scalar context.
- Fixed case CPANEL-17854: Avoid loading Cpanel::PsParser::SysInfo until needed.
- Fixed case CPANEL-17857: Switch missed InOut FastSpawn conversion in cpsrvd.
- Fixed case CPANEL-17861: Update exim to 4.90-2.cp1170.

## 69.9999.140

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### 2018-01-06

- Fixed case CPANEL-16352: Ensure MyDNS is updated when using SYNCZONES calls (DKIM, SPF, etc).
- Fixed case CPANEL-17669: Harden dovecot injection protection.



- Fixed case CPANEL-17767: Ensure lock is released when updating ssl vhosts.
- Fixed case CPANEL-17790: CPHulk: Implement a SubQueue for the 'notify\_login' events.
- Implemented case CPANEL-17832: Make SQLite auto rebuilds "smarter" about when to run.

## 69.9999.139

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### 2018-01-04

- Fixed case CPANEL-5705: Ensure new postgres installs are setup for IPv6.
- Fixed case CPANEL-16511: Avoid adding DCV excludes during htaccess update if Global DCV enabled.
- Fixed case CPANEL-16856: Ensure hulk signal handlers do not leak into the DB processor.
- Fixed case CPANEL-17687: Avoid spurious SIGPIPE during DBWRITE commands in cphulk.
- Fixed case CPANEL-17688: Fixed typo of 'hscd' in cpanel\_initial\_install.
- Fixed case CPANEL-17725: Update cpanel-pigz to 2.4-1.cp1168.
- Fixed case CPANEL-17752: Suppress cpsrvd timeout for SSE/Tasks connections (Task Queue Monitor).
- Fixed case CPANEL-17753: Forgo logging on SIGPIPE for SSE connections in cpsrvd.
- Fixed case CPANEL-17756: Update cpanel-perl-526-munin to 2.0.30-3.cp1170.
- Fixed case CPANEL-17780: Reflect global SpamAssassin force-enable in the Webmail spam UI.
- Fixed case CPANEL-17789: Fix spurious warning during boxtrapper delivery.
- Fixed case CPANEL-17791: Fix known-IP task queue subqueue's contention handling, mocking.
- Fixed case CPANEL-17794: Update proftpd to 1.3.6-1.cp1170.
- Fixed case CPANEL-17809: Update cpanel-awstats to 7.6-2.cp1168.

## 69.9999.138

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### 2018-01-04

- Fixed case CPANEL-16715: Update cpanel-mailman to 2.1.25-1.cp1162.
- Fixed case CPANEL-16820: Ensure outdated service checker can handle when a virtuoizzo is run vzctl.
- Fixed case CPANEL-17369: Fixed issue with database user.
- Fixed case CPANEL-17590: Updated SecurityAdvisor to latest version.
- Fixed case CPANEL-17667: Use the combined file to check if a CAB needs to be updated.
- Fixed case CPANEL-17699: Create and use a TaskQueue subqueue for queueprocd notifications.
- Fixed case CPANEL-17700: Warn users of downtime caused by forced rebuild of MyDNS records.
- Fixed case CPANEL-17721: Update awstats to 7.4-3.cp1162.
- Fixed case CPANEL-17745: Updated MySQL systemd handling with jailapache.
- Fixed case CPANEL-17748: Avoid compiling in x3 Branding for paper lantern cpanel.
- Fixed case CPANEL-17750: Fix corrupt account backups.
- Fixed case CPANEL-17755: Add new validator for sub/addon domain directory.
- Fixed case CPANEL-17760: Fix greylisting from Cpanel::UnixDaemon conversion.
- Fixed case CPANEL-17763: Ensure block\_on\_send is set for deferred notifications.
- Fixed case CPANEL-17772: Update cpanel-roundcubemail to 1.3.3-2.cp1164.
- Fixed case CPANEL-17784: Improve flock() lock contention.

## 69.9999.134

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### 2017-12-29

- Fixed case CPANEL-1478: Accomodate systems where the uname() call does not return a FQDN.
- Fixed case CPANEL-11264: Fixed systemd limits of MySQL and MariaDB.
- Fixed case CPANEL-17591: Do not claim to support KernelCare free on CloudLinux.
- Fixed case CPANEL-17657: Updated success alerts to close after 5 seconds.
- Fixed case CPANEL-17682: Fixed MySQL Upgrade button text.
- Fixed case CPANEL-17689: Replace "powered by Solr" with "powered by Apache Solr™".
- Fixed case CPANEL-17702: Avoid unintended loading of SQLite for Hulk and notify queue.
- Fixed case CPANEL-17726: Deprecate all cpanelsync-distributed cPAddons.

## 69.9999.132

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### 2017-12-26

- Fixed case CPANEL-2825: Add pre-note of non-grant/db transfer when changing MySQL profile.
- Fixed case CPANEL-16328: Remove AOL Instant Messenger from Contact Manager.
- Fixed case CPANEL-16591: Ensure dead mailman lock files are cleaned up.
- Fixed case CPANEL-17289: Block empty certificates and keys from service SSL installation.
- Fixed case CPANEL-17290: Added controls to clarify behavior of nameserver switching.
- Fixed case CPANEL-17326: Clarify meaning of "Email Accounts" in cPanel Disk Usage.
- Fixed case CPANEL-17333: Make Cpanel::SSL::VhostCheck report invalid certificates.
- Fixed case CPANEL-17347: Reject "required\_score" of 0 in Email::add\_spam\_filter (UAPI).
- Fixed case CPANEL-17349: Ensure related ips are considered when restoring zone files.
- Fixed case CPANEL-17370: Add validator for integer in backup configuration page.
- Fixed case CPANEL-17403: Update cpanel-perl-526-cPanel-TaskQueue to 0.800-3.cp1170.

- Fixed case CPANEL-17416: Make API2 CustInfo::contactprefs do a feature check.
- Fixed case CPANEL-17476: Consolidate the success messages when adding and editing IPs in cPHulk.
- Fixed case CPANEL-17478: Update cpanel-perl-526-IO-Socket-SSL to 2.049-3.cp1170.
- Fixed case CPANEL-17480: Avoid crt install if a non-selfsigned valid crt installed.
- Fixed case CPANEL-17487: Update Security Advisor to latest version.
- Fixed case CPANEL-17544: Remove excess "." characters from 'View Mail Statistics Summary'.
- Fixed case CPANEL-17548: Avoid sending SSL expiry notifications for suspended accounts.
- Fixed case CPANEL-17549: Make pkgacct errors and warnings show as warnings in Transfer Tool.
- Fixed case CPANEL-17553: Added a notification to the notifications tab for root-resellers.
- Fixed case CPANEL-17566: Added a check to the dovecot adminbin to ensure the email exists.
- Fixed case CPANEL-17570: Ensure permissions for various metadata files are properly restrictive.
- Fixed case CPANEL-17576: MySQL Upgrade: fix incorrct dates for MySQL 5.7.
- Fixed case CPANEL-17577: Implement a subqueue for cPHulk's taskqueue operation.
- Fixed case CPANEL-17579: Update cpanel-perl-526-Cpanel-CORE-Dependencies to 2.0-1.cp1170.
- Fixed case CPANEL-17580: Fix appconfig's ACL handling in cpsrvd.
- Fixed case CPANEL-17586: Disable cPanel backups when updates are in progress.
- Fixed case CPANEL-17589: Revised label for cPanel documentation checkbox for clarity in Tweak Settings.
- Fixed case CPANEL-17605: Update exim to 4.90-1.cp1170.
- Fixed case CPANEL-17612: Improve SQL reliability.
- Fixed case CPANEL-17621: Ensure ssl certificates are available during replacement.
- Fixed case CPANEL-17623: Install an RPM's GPG key after --upgrade to it.
- Fixed case CPANEL-17629: Make the MailFix restore module not rescan FTS if Solr isn't enabled.
- Fixed case CPANEL-17638: Set default patch set when KernelCare is purchased via Security Advisor.
- Fixed case CPANEL-17653: Fix bad URL when 'app' specified in Custom Statsbar modules.
- Fixed case CPANEL-17655: Refine method for finding flawed process starts.
- Fixed case CPANEL-17659: EA4 Profiles page always shows loading panel.
- Fixed case CPANEL-17663: SpamAssassin: remove useless argument in locale string.
- Fixed case CPANEL-17683: Fix SSL install in the replacement case.
- Fixed case CPANEL-17690: Default to not allowing root-pass FTP logins.
- Fixed case CPANEL-17692: Removeacct: fix conjoined output.
- Fixed case CPANEL-17693: Ensure 0 byte bandwidth data does not slowdown the bandwidth page.
- Fixed case CPANEL-17701: Update cpanel-perl-526-cPanel-TaskQueue to 0.800-4.cp1170.
- Implemented case CPANEL-17444: Do not mark autossll runs in progress unless we add to the queue.
- Implemented case CPANEL-17483: Improve formatting of list numbers and alignment in Task Queue Monitor.
- Implemented case CPANEL-17514: Remove unused MySQL->SQLite Horde conversion logic.
- Implemented case CPANEL-17634: Fix storage and display of new cP AutoSSL notification settings.

## 69.9999.125

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### 2017-12-19

- Fixed case CPANEL-17086: Add table striping to Email Filters list.
- Fixed case CPANEL-17086: Paper Lantern: Make Email Filters usable in dark style.
- Fixed case CPANEL-17151: Resolve warning for undefined username in \_\_createaccount.
- Fixed case CPANEL-17191: Application Manager: Ensure modal dismissal reenables interface.
- Fixed case CPANEL-17335: Handled an uncaught exception in autossll DCV.
- Fixed case CPANEL-17364: Update cpanel-phpmyadmin to 4.7.3-4.cp1166.
- Fixed case CPANEL-17452: Notification when Google Drive credentials are not generated.
- Fixed case CPANEL-17538: Transfers: fix error message on unreadable file.
- Fixed case CPANEL-17540: Update cPanel::TaskQueue to 0.800-3.
- Fixed case CPANEL-17543: Manage Wheel Group Users: ensure correct option is selected.
- Fixed case CPANEL-17543: Rebuild the IP Address Pool: render WHM interface properly.
- Fixed case CPANEL-17546: Ensure DiskUsage can be viewed when the user is over quota.
- Fixed case CPANEL-17550: Update cpanel-perl-526-Template-Toolkit to 2.27-4.cp1170.
- Fixed case CPANEL-17557: CloudLinux migration documentation is shown on CloudLinux boxes.
- Fixed case CPANEL-17564: Include translations for WordPress Manager plugin.
- Implemented case CPANEL-17463: Added a Feature Showcase Item for cPHulk Countries List.
- Implemented case CPANEL-17470: Added Feature Showcase entry for the Improved AutoSSL Notifications.
- Implemented case CPANEL-17502: Added Feature showcase for suspend/hold outgoing mail.
- Implemented case CPANEL-17510: Clarify verbiage in WebMail SpamAssassin page when logged in as cpuser.

## 69.9999.122

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### 2017-12-18

- Fixed case CPANEL-6204: Don't mention the 8-character limit with MariaDB.
- Fixed case CPANEL-8507: Exim: enable retry\_defer logging.
- Fixed case CPANEL-8931: Make Roundcube empty the trash on webmail logout.
- Fixed case CPANEL-9134: Restore anonymous FTP account visibility in User Manager.
- Fixed case CPANEL-12563: Reduced scope of kmod match.
- Fixed case CPANEL-13569: Clear the cache\_id when user style has been updated.
- Fixed case CPANEL-14182: Added support to catch backup restores killed in a non-trappable fashion.
- Fixed case CPANEL-14401: Move all site publisher templates into RPMs.
- Fixed case CPANEL-14970: Reset user's quota cache on account modification.
- Fixed case CPANEL-14999: Optimize cPanel>Backups>Restore DBs for cPanel users where box has thousands of DBs.
- Fixed case CPANEL-15057: Set password for mysqladmin when changing root MySQL password.

- Fixed case CPANEL-15521: Update cpanel-re2c to 1.0.2-1.cp1170.
- Fixed case CPANEL-15586: Use correct settings when rewriting from address.
- Fixed case CPANEL-15635: Ensure correct serializer is used by taskqueue when restoring backup.
- Fixed case CPANEL-15651: Change systemd files to use network-online.target.
- Fixed case CPANEL-15692: Defer loading Locales numf until needed.
- Fixed case CPANEL-15723: Make param regexes de-duplicatable in xml-api.
- Fixed case CPANEL-15745: Fix race condition with addon domains and PHP-FPM.
- Fixed case CPANEL-15753: Ensure locales is lazy loaded in xml-api.
- Fixed case CPANEL-15754: Use Cpanel::Time::TZ::SubProc in cpsrvd for memory reduction.
- Fixed case CPANEL-15781: Reduce cache window for mount cache.
- Fixed case CPANEL-15867: Remove CentOS 7.4 firewalld update.
- Fixed case CPANEL-15882: Clear plugin cache while processing WHM chrome.
- Fixed case CPANEL-15898: Refactor actions accessibility for email accounts.
- Fixed case CPANEL-15927: Start cpanel.service after multi-user.target.
- Fixed case CPANEL-15946: Fixed bugs related to the collection of security question/answers.
- Fixed case CPANEL-15976: Update cpanel-roundcubemail to 1.3.1-1.cp1164.
- Fixed case CPANEL-15998: Update cpanel-perl to 5.26.0.
- Fixed case CPANEL-16022: Update to JSON::XS 3.04-2.cp1170.
- Fixed case CPANEL-16030: Optimizations to Template Toolkit.
- Fixed case CPANEL-16041: Wwwacct: exit immediately on garbage prompt response.
- Fixed case CPANEL-16053: Limited userDomainList directive to only search by username, email, domain.
- Fixed case CPANEL-16056: Ensure non-ASCII feature list files can be loaded from cache.
- Fixed case CPANEL-16077: Update Git to version 2.14.2.
- Fixed case CPANEL-16085: cPanel backup restore assumed all backups were of the configured type.
- Fixed case CPANEL-16103: Avoid signal deferrable when we are doing rename in place edits.
- Fixed case CPANEL-16117: Breakout legacy xmlin parser to reduce binary startup time.
- Fixed case CPANEL-16140: Update DBI to version 1.637-2.cp1170.
- Fixed case CPANEL-16158: Dcpumon: handle missing CPU stats gracefully.
- Fixed case CPANEL-16162: Teach apache AdvConfig to fetch only the requested vhost.
- Fixed case CPANEL-16172: Reduce the time it takes to discovery logs for backups.
- Fixed case CPANEL-16176: Optimized pkgacct process spawning and ssl backup.
- Fixed case CPANEL-16194: Updated WHM to use DOCTYPE html.
- Fixed case CPANEL-16200: Reduce pkgacct overhead for apache and php.
- Fixed case CPANEL-16203: Reduce memory required to generate an account backup.
- Fixed case CPANEL-16204: Optimize loading the MySQL pages in cPanel.
- Fixed case CPANEL-16206: Update references from mysql to sqLite in tailwatchd help.
- Fixed case CPANEL-16208: Reduce dep tree for Cpanel::MysqlUtils in order to improve startup time.
- Fixed case CPANEL-16209: Reduce memory required for cpanel.
- Fixed case CPANEL-16235: Improve logging for stats hook failures.
- Fixed case CPANEL-16241: Lift restrictions on comma in file names of uploaded files.
- Fixed case CPANEL-16276: Dcpumon: avoid uninitialized value warning when missing URL.
- Fixed case CPANEL-16282: Update cpanel-perl-526-Test-MockModule to 0.13-1.cp1170.
- Fixed case CPANEL-16320: Make cPHulk more resilient to attacks.
- Fixed case CPANEL-16322: Increase maximum email quota from 4TiB to 4PiB.
- Fixed case CPANEL-16335: Adjust spamd minutes until dormant to 15.
- Fixed case CPANEL-16341: Add "diskusagepercent\_float" to list\_pops\_with\_disk, use in UI.
- Fixed case CPANEL-16342: Make SafeRun::Object throw EPIPE exception rather than SIGPIPE.
- Fixed case CPANEL-16356: Remove backup staging directories when KEEPLOCAL is disabled.
- Fixed case CPANEL-16364: Prevent textareas from being resized on cPHulk.
- Fixed case CPANEL-16381: Refresh WHM chrome cache when system conditions change.
- Fixed case CPANEL-16384: Account for NAT IPs during ipcheck.
- Fixed case CPANEL-16399: Reject 'lo' as an ethernet device in Getting Started Wizard and Basic Setup.
- Fixed case CPANEL-16411: Improve message about userdata on restore from foreign platform.
- Fixed case CPANEL-16413: Reduce deptree for Cpanel::IP::Match.
- Fixed case CPANEL-16420: Ensure user cache updates always provide users.
- Fixed case CPANEL-16422: Don't refer to ipv6 subdomain as proxy subdomain.
- Fixed case CPANEL-16425: Add instructional documentation in Backup Restore UI.
- Fixed case CPANEL-16429: Rebase cPanel > Customization Company Name in characters.
- Fixed case CPANEL-16431: Zone Editor: prevent DNSSEC elements from jumping around.
- Fixed case CPANEL-16455: Add logic to transport to get the date for link\_dest comparison from backup.
- Fixed case CPANEL-16458: Clear TZ before invoking PHP.
- Fixed case CPANEL-16460: Set-tls-setting: add a --restart option.
- Fixed case CPANEL-16469: Added the ability for PHP plugin devs to call header/footer strings.
- Fixed case CPANEL-16473: Force text handling of grep, even if some of the file is binary.
- Fixed case CPANEL-16485: Ensure restoration system strings are localized.
- Fixed case CPANEL-16492: Hooks: fix handling of BAILOUT.
- Fixed case CPANEL-16496: Rename backup\_restoration to file\_restoration in cPanel and WHM.
- Fixed case CPANEL-16497: Rearrange positioning of Account Selector and Breadcrumb.
- Fixed case CPANEL-16499: Ensure modifying an account domain or username will not break a Passenger app.
- Fixed case CPANEL-16504: Warn the user if roundcube database types are incompatible.
- Fixed case CPANEL-16505: Fix bug in restartsrv\_named invoking restartsrv\_base directly on BIND.
- Fixed case CPANEL-16514: Enhanced restoration error catching and reporting to filter out expected errors.
- Fixed case CPANEL-16519: Add access control checking to WHM API 1 generate\_mobileconfig.
- Fixed case CPANEL-16521: Update schema files for Roundcube 1.3.1.
- Fixed case CPANEL-16555: Breakup Cpanel::DnsUtils into Cpanel::DnsUtils::Install.
- Fixed case CPANEL-16559: Update cpanel-git to 2.14.3-1.cp1170.
- Fixed case CPANEL-16567: Allow custom data for account creation via the API.
- Fixed case CPANEL-16570: Consolidating stylesheets in WHM.
- Fixed case CPANEL-16587: FTP Accounts: handle odd values for publichtmlsubonly.

- Fixed case CPANEL-16604: Ensure that PowerDNS restart failures are correctly detected.
- Fixed case CPANEL-16605: Corrected namespace in server\_supports\_events call.
- Fixed case CPANEL-16610: Additional Cpanel::MysqlUtils deptree reductions.
- Fixed case CPANEL-16619: Ignore corrupt AutoSSL log catalog entries.
- Fixed case CPANEL-16633: Reduce queueprocd memory and fork overhead with B::C.
- Fixed case CPANEL-16634: Reduce dnsadmin memory and startup time with B::C.
- Fixed case CPANEL-16637: Include /etc/hosts in virtfs.
- Fixed case CPANEL-16643: Simplify Cpanel::Encoder::Cleaner processing.
- Fixed case CPANEL-16647: Defer transaction reads until the data is needed.
- Fixed case CPANEL-16655: Update cpanel-git to 2.15.0-1.cp1170.
- Fixed case CPANEL-16674: Fixed environment to correct parent directory permissions during convert\_roundcube\_mysql2sqlite.
- Fixed case CPANEL-16693: Change hardened PHP URL to a go.cpanel URL to ease maintenance.
- Fixed case CPANEL-16700: PostgreSQL Databases: avoid alerts when PostgreSQL is down.
- Fixed case CPANEL-16702: Added angular bootstrap capabilities to paper lantern.
- Fixed case CPANEL-16710: Fixed the left-side padding on the certificate\_info\_extended template.
- Fixed case CPANEL-16726: Suppress unnecessary warnings in bin/rebuild-templates.
- Fixed case CPANEL-16747: Use sqlite db for Backup metadata.
- Fixed case CPANEL-16768: Contact Manager: fix miscapitalization.
- Fixed case CPANEL-16775: Rebuildhttpdconf: handle missing Apache more gracefully.
- Fixed case CPANEL-16783: Remove mysql dependency from cphulk service configuration.
- Fixed case CPANEL-16786: Fixed reported Clamd version in Service Status.
- Fixed case CPANEL-16790: Account Create output now informs whether custom account data is provided.
- Fixed case CPANEL-16791: Removed 3rdparty folder and consolidated all items in libraries folder.
- Fixed case CPANEL-16821: Use utf8mb4 for dumping databases when available.
- Fixed case CPANEL-16823: Update cpanel-perl-524-IO-Socket-PortState to 0.03-1.cp1170.
- Fixed case CPANEL-16828: Fix count filters to use the new filter system.
- Fixed case CPANEL-16831: Don't allow cpsrvd to be disabled.
- Fixed case CPANEL-16860: Replaced file restoration icon for Retro style in cPanel.
- Fixed case CPANEL-16863: Fixes placement of cPanel left-sidebar tooltips based on language direction.
- Fixed case CPANEL-16873: Fixed issue with broken styles in EA3.
- Fixed case CPANEL-16878: AutoSSL: make PKI validation helper handle IPv6.
- Fixed case CPANEL-16889: Make sure loading indicator displays for add email displays.
- Fixed case CPANEL-16890: Provide a better message to resellers when DNS clustering isnt enabled.
- Fixed case CPANEL-16892: Make quota drop-down reset to default after create.
- Fixed case CPANEL-16893: Initquotas: don't process commented out lines.
- Fixed case CPANEL-16908: Basic WHM Setup: don't warn about lack of themes.
- Fixed case CPANEL-16913: Gracefully handle queueprocd failure to schedule or queue a task.
- Fixed case CPANEL-16921: Ensure pkgacct doesn't fail with PERL5LIB set.
- Fixed case CPANEL-16927: Make notify\_expiring\_certificates ignore AutoSSL when AutoSSL is active.
- Fixed case CPANEL-16930: Update legacy MysqlUtils function names.
- Fixed case CPANEL-16933: Make sure we don't send more than one notice for Daily Email Send Notification Limit.
- Fixed case CPANEL-16944: Eximstats: handle truncated lines more gracefully.
- Fixed case CPANEL-16948: Consolidated docroot/3rdparty into docroot/libraries in WHM.
- Fixed case CPANEL-16964: Moving symlinks in 3rdparty to libraries.
- Fixed case CPANEL-16970: Improve error messaging when DNS clustering fails.
- Fixed case CPANEL-16976: Updated Security Advisor to latest version.
- Fixed case CPANEL-16977: Pagnation for File Restoration in both cPanel and WHM.
- Fixed case CPANEL-16988: Fixed incorrect MariaDB and MySQL version in Service Status.
- Fixed case CPANEL-16993: Restartsrv\_mysql: adjust password check & fix on --check.
- Fixed case CPANEL-16995: Updated phrasing to better inform the end user of the problem.
- Fixed case CPANEL-16998: Reduce memory needed for bin/autossl\_check.
- Fixed case CPANEL-17002: Remove explorercanvas library from the product.
- Fixed case CPANEL-17005: Remove references to plotkit library.
- Fixed case CPANEL-17009: File Manager: gracefully handle unreadable .htaccess.
- Fixed case CPANEL-17011: Optimize ResourceUsage and StatsBar load times.
- Fixed case CPANEL-17014: Fixed issue with support access page.
- Fixed case CPANEL-17038: Use the fixed version of Net::Google::Drive::Simple.
- Fixed case CPANEL-17045: Remove max z-index from footer components.
- Fixed case CPANEL-17056: Honor API tokens during account creation.
- Fixed case CPANEL-17058: Use (and assume) nonbuffered I/O in SafeRun::Object.
- Fixed case CPANEL-17059: Reduce number of hashes in Cpanel::ExpVar::MultiPass.
- Fixed case CPANEL-17060: Optimize UAPI AJAX calls made right after cPanel login.
- Fixed case CPANEL-17061: Remove unused jquery files from WHM Theme X.
- Fixed case CPANEL-17064: WHM: skip footer for downloadable files.
- Fixed case CPANEL-17064: Ensure downloading an account list performs download.
- Fixed case CPANEL-17065: Strip out NULs when reading backup excludes.
- Fixed case CPANEL-17068: Use the uapi binary (rather than cpanel) for CLI UAPI calls.
- Fixed case CPANEL-17072: Make sure we can start tailwatchd processes with systemd.
- Fixed case CPANEL-17073: Resolved rejection of forwarded messages due to perl error in check\_rcpt.
- Fixed case CPANEL-17090: Implement new metadata v2.0 format in to backup system.
- Fixed case CPANEL-17091: Update cpanel-pdns to 3.4.11-1.cp1160.
- Fixed case CPANEL-17100: Remove legacy mysqluserstore.
- Fixed case CPANEL-17107: Ensure email filter calls enforce feature restrictions.
- Fixed case CPANEL-17110: Fixed issue with phpMyAdmin.
- Fixed case CPANEL-17111: EA4 UI Refactor of customize templates.
- Fixed case CPANEL-17125: Ensure dbmap files cannot be auto-vivified after account deletion.
- Fixed case CPANEL-17126: Improve error reporting in zonefile transfers.
- Fixed case CPANEL-17127: Handle fetching disk space after renaming databases.
- Fixed case CPANEL-17128: Ensure deferred zone creation aborts after account deletion.

- Fixed case CPANEL-17129: Update exim to 4.89.1-1.cp1170.
- Fixed case CPANEL-17131: Restore functionality when dedicated IPs file is missing.
- Fixed case CPANEL-17132: Restore previous UAPI CLI output format.
- Fixed case CPANEL-17133: Update cpanel-git to 2.15.1-1.cp1170.
- Fixed case CPANEL-17137: Ensure cPanel Plugin Generator renders properly.
- Fixed case CPANEL-17146: Added defaults to prevent implosion of userList on search.
- Fixed case CPANEL-17149: Ensure incremental backups update the homedir for overquota users.
- Fixed case CPANEL-17155: Remove the spotlight from Webmail.
- Fixed case CPANEL-17186: Delete DNS Zone: ensure confirmation UI is displayed.
- Fixed case CPANEL-17192: Angular apps bootstrap from common module.
- Fixed case CPANEL-17204: Ensure mailips are updated on account creation.
- Fixed case CPANEL-17211: Improved performance of email accounts list page.
- Fixed case CPANEL-17217: Remove "Managing DNS Cluster as" from unneeded DNS Cluster interfaces.
- Fixed case CPANEL-17227: Produce consistent locale files.
- Fixed case CPANEL-17231: Changes ForkSync and ForkAsync to allow better interprocess messaging.
- Fixed case CPANEL-17233: Remove duplicate unicode double quotation marks.
- Fixed case CPANEL-17234: Fix database map creation errors on account restoration.
- Fixed case CPANEL-17238: Reduce the spam with force refreshing the cpaddons.
- Fixed case CPANEL-17243: Ensure MySQL databases with special characters can be listed.
- Fixed case CPANEL-17245: Remove outgoing suspensions/holds with pop account.
- Fixed case CPANEL-17252: Remove certificate PEMs from iContact notification task queue items.
- Fixed case CPANEL-17253: Ensure timeout is set for each upload attempt.
- Fixed case CPANEL-17254: Update broken links in DNS Cluster page.
- Fixed case CPANEL-17256: Fix typos in Transfer Tool.
- Fixed case CPANEL-17257: iContact: fix remaining use of legacy date and time functions.
- Fixed case CPANEL-17258: Do a one time check for missing proxy subdomains.
- Fixed case CPANEL-17262: File Restoration now using correct starting point for pagination.
- Fixed case CPANEL-17264: Ensure tailwatch tiny objects do not load userdomains into memory.
- Fixed case CPANEL-17267: Improve race safety of Cpanel::DB::Map.
- Fixed case CPANEL-17270: Implement read-only AutoSSL config access where it's useful.
- Fixed case CPANEL-17273: Allow users to enable/disable SpamAssassin on create/modify account.
- Fixed case CPANEL-17287: Increase column size for quota field.
- Fixed case CPANEL-17305: Fix false positives for suspended/hold outgoing.
- Fixed case CPANEL-17310: Angularization of WHM's Backup Configuration page.
- Fixed case CPANEL-17312: Address a warning when checking for over quota or solr in ExpVar.
- Fixed case CPANEL-17313: Optimize analytics is\_enabled check.
- Fixed case CPANEL-17314: Stop blocking the load of File::Path in queueprocd.
- Fixed case CPANEL-17317: Change handlers to defaultHandlers in service test.
- Fixed case CPANEL-17318: Fixed issues with quick filter and searching in cphulk countries.
- Fixed case CPANEL-17322: Ensure problems db can be written during autossll\_check.
- Fixed case CPANEL-17325: Swapped order for uid/gid writing to db.
- Fixed case CPANEL-17329: Add support for localized timestamps in messages.
- Fixed case CPANEL-17334: Fix bug in mysqlconnection check where it would exit 1 on success.
- Fixed case CPANEL-17336: Unify cPHulk default handling and resolve missing lookback\_period\_min.
- Fixed case CPANEL-17342: Account Creation: Defer SpamAssassin tasks to the task queue.
- Fixed case CPANEL-17367: Change MySQL User Password: indicate when no users exist.
- Fixed case CPANEL-17368: CPHulk: Avoid queueing duplicate 'add\_known\_ip\_for\_user' events.
- Fixed case CPANEL-17375: Update cpanminus to version 1.7043.
- Fixed case CPANEL-17376: Make Maria and MySQL install more robust.
- Fixed case CPANEL-17381: Reduce overload connecting to SQLite in a queueprocd subprocess.
- Fixed case CPANEL-17383: DSO recommendation is hidden when req pkg exists.
- Fixed case CPANEL-17385: WHM: Avoid unnecessary blank lines in Account Creation output.
- Fixed case CPANEL-17386: If the metadata is empty, make sure to create the schema.
- Fixed case CPANEL-17394: Selecting "Entire MySQL Directory" in WHM saves successfully.
- Fixed case CPANEL-17395: Ensure cPanel API calls made through the WHM API 0 layer work.
- Fixed case CPANEL-17400: Updated cPanel and Webmail header to handle long company name strings.
- Fixed case CPANEL-17406: Backup config can save when monthly is disabled and no dates selected.
- Fixed case CPANEL-17407: Clean up old metadata files when converting backups to new format.
- Fixed case CPANEL-17408: Fix dbmap nonexistence bug in transfer tool for MySQL.
- Fixed case CPANEL-17410: Give update\_userdata\_cache task a subqueue.
- Fixed case CPANEL-17413: Accomodate race condition in queueprocd where the pidfile is empty.
- Fixed case CPANEL-17414: API Tokens: Allow 'get\_password\_strength' API call via the 'create-acct' priv.
- Fixed case CPANEL-17415: Transport save success alert displays name instead of id.
- Fixed case CPANEL-17429: Only send welcome email if checkbox is checked.
- Fixed case CPANEL-17434: Fixed deviant string in ea4Util.
- Fixed case CPANEL-17435: Protect for invalid parameters in scripts/backups\_create\_metadata.
- Fixed case CPANEL-17436: Fix "zombie" DB name listing in UI after MySQL DB rename.
- Fixed case CPANEL-17437: Backup Configuration validation showing failure message.
- Fixed case CPANEL-17438: Allow renaming DB users to have underscores at end of name.
- Fixed case CPANEL-17441: Moved pagination control out of scroll container to be fixed.
- Fixed case CPANEL-17449: Initialize Domain TLS when installing SSL.
- Fixed case CPANEL-17460: Improve readability of AutoSSL install notifications.
- Fixed case CPANEL-17469: Improve reliability of regex looking for backups.
- Fixed case CPANEL-17473: Ensure pkgacct components are preloaded at compile time.
- Fixed case CPANEL-17474: Cpanel::API::Email: remove duplicate module load.
- Fixed case CPANEL-17482: Task Queue Monitor: Format scheduled times in local time, not UTC.
- Fixed case CPANEL-17489: Adjust IPs list for hostname SSL.
- Fixed case CPANEL-17497: EA4 redirects to MPM when none is selected.
- Fixed case CPANEL-17501: Prevent users from abusing outgoing mail adminbin.

- Fixed case CPANEL-17507: Fetchdiskusagewithextras and buildcache diskusage apis use same path.
- Fixed case CPANEL-17515: Fix label wrapping for small screens.
- Fixed case CPANEL-17516: Fix column overlapping issues on email accounts.
- Fixed case CPANEL-17524: Removed 'Restoring' notification when restoration fails.
- Fixed case CPANEL-17525: Service Status: report BIND version on CentOS 6.
- Fixed case CPANEL-17526: Avoid destruct order error during mysql backup.
- Implemented case CPANEL-15657: Convert email accounts to tabbed layout.
- Implemented case CPANEL-16124: Break apart Cpanel::Encoder::Tiny to make it tiny again.
- Implemented case CPANEL-16240: Add combined & common LogFormat to WHM Apache conf for ea4.
- Implemented case CPANEL-16321: Add country ip data from Geo::IPfree.
- Implemented case CPANEL-16530: Reduce Cpanel::MysqlUtils dep tree.
- Implemented case CPANEL-16566: Add HTTPD deferred reload time functionality.
- Implemented case CPANEL-16682: Remove unused fallback\_killall from Cpanel::Signal.
- Implemented case CPANEL-16699: Add a manage disk usage link on default account.
- Implemented case CPANEL-16749: Provide inline documentation for scripts/notify\_expiring\_certificates.
- Implemented case CPANEL-16752: Update Exim for pop account outgoing suspend/hold.
- Implemented case CPANEL-16776: New ResourceUsage API: pluggable StatsBar replacement.
- Implemented case CPANEL-16794: Make email quotas easier to enter and display.
- Implemented case CPANEL-16800: Update Munin and ClamAV plugins.
- Implemented case CPANEL-16813: Make LoadConfig always return the payload as a reference.
- Implemented case CPANEL-16814: Adds automatically-generated page-specific help links to cPanel interface.
- Implemented case CPANEL-16846: API to suspend/unsuspend outgoing email.
- Implemented case CPANEL-16852: Better in progress notification on add email form.
- Implemented case CPANEL-16928: Add AutoSSL::CertificateInstalledReducedCoverage notification.
- Implemented case CPANEL-16951: Added a new API and Interface to rescan fts email indexing.
- Implemented case CPANEL-16952: Make notify\_expiring\_certificates show help even when disabled.
- Implemented case CPANEL-17016: Add support for detecting and installing KernelCare's free patch set.
- Implemented case CPANEL-17036: Use in-house (much lighter) logic for server date/time localization.
- Implemented case CPANEL-17043: Add MySQL 5.7 support and make default for installs.
- Implemented case CPANEL-17047: cPanel & WHM changes in support of legacy WordPress addon deprecation.
- Implemented case CPANEL-17050: Allow UAPI Email spam APIs to run in webmail.
- Implemented case CPANEL-17057: Put controller-level logic for PaperLantern home page stats into controller.
- Implemented case CPANEL-17071: Introduced WHM Task Queue Monitor.
- Implemented case CPANEL-17172: Ability to configure minimum time between Apache graceful restarts.
- Implemented case CPANEL-17198: Added Hulk backend support for country based white/blacklisting.
- Implemented case CPANEL-17208: Replace iso\_date() and related logic with proper translated dates.
- Implemented case CPANEL-17214: Remove LVEInfo.pm as CloudLinux provides a newer version.
- Implemented case CPANEL-17230: Remove ResourceUsage compat shim for CloudLinux as its no longer needed.
- Implemented case CPANEL-17235: "Manage Spam Controls" UI in Webmail.
- Implemented case CPANEL-17240: Update cpanel-mydns to 1.2.8.31-1.cp1170.
- Implemented case CPANEL-17260: Introduced CertificateInstalledUncoveredDomains notification.
- Implemented case CPANEL-17296: Update User Manager to use the new bytes setter.
- Implemented case CPANEL-17299: Add outgoing suspend and hold to email accounts.
- Implemented case CPANEL-17304: Added new tab in cpHulk to allow white/black listing of countries.
- Implemented case CPANEL-17468: Make the ResourceUsage API return 0-max items accurately.
- Implemented case CPANEL-17490: Added an icon for the Task Queue Monitor.