

## 4.1.0

Release Date	2017-08-24
Issues	<a href="#">102 issues</a>
Status	UNSUPPORTED
End of Life Date	2018-08-24

### Summary

This is a feature release for 4.1.0. This page will be updated to include tasks completed in subsequent betas as well as the final release.

### Important highlights from this release

1. Allow optional client/contact fields to be required.
2. Added a language selector on all client and portal pages.
3. Updated extensions Plesk, DirectAdmin, cPanel, Order Forms, Support Manager.
4. Added exception and user action logging to disk with Monolog.
5. A module is no longer required to create a Package.
6. Added many new events / hooks.
7. Plugins can register the same action more than once (For example, multiple primary nav links)
8. Added the following extensions (must currently be downloaded from Github): TCAdmin 2, VestaCP, Virtualmin, WHMSONIC, Centovacast, PayUmoney, Alipay, Yandex
9. Much more...

### PHP 7+ Users

PHP 7 Support

























































PHP 7.1 is not yet supported due to Ioncube loaders. PHP 7.0 is supported.




























Included in this release is a **/hotfix-php7/** directory. Please use this directory to overwrite the default `/blesta/app/app_controller.php`, `/blesta/app/app_model.php`, and `/blesta/app/models/license.php` files.




























### All updates for this release (May be limited to first 200)




























T	Key	Summary	Status	Resolution
	CORE-5185	Virtualmin: Add support for sub-domains under pre-determined domain	IN REVIEW	Fixed
	CORE-5176	Stripe Payments: Always request 3ds for client initiated operations	OPEN	Unresolved
	CORE-5167	Namesilo: Improve contact handling	OPEN	Unresolved
	CORE-5122	Paysera Payment Gateway	IN REVIEW	Fixed
	CORE-5075	Config option logic: admins should be able to set any configuration	OPEN	Unresolved
	CORE-5074	Config options: Allow options to be maintained on edit	OPEN	Unresolved
	CORE-4994	OpenSRS: Add support for price import / sync	CLOSED	Fixed




























	CORE-4918	Allow clients to add a secondary recovery email address to their account	CLOSED	Fixed
	CORE-4732	Support Manager: Add support for staff KB articles	CLOSED	Fixed
	CORE-4516	Authorize.net new gateway using Accept.js API for reduced PCI	CLOSED	Fixed
	CORE-4512	Add an option to append package descriptions to invoice line items.	CLOSED	Fixed
	CORE-4223	Order: Config option logic	CLOSED	Fixed
	CORE-4202	Config option logic validation	CLOSED	Fixed
	CORE-4201	Config option logic configuration page	CLOSED	Fixed
	CORE-4200	Config option logic display	CLOSED	Fixed
	CORE-4199	Config option logic database changes	CLOSED	Fixed
	CORE-3636	Allow a configurable option to be created that determines Server Group or Module Row	CLOSED	Fixed
	CORE-3507	Order: Create new ACH/CC payment override for new signups	CLOSED	Fixed
	CORE-3506	Allow additional setting overrides on client creation	CLOSED	Fixed
	CORE-3505	Add option to disable ACH/CC payments for new Order signups	CLOSED	Fixed
	CORE-3355	NameSilo: Create packages based on domain pricing from the API	CLOSED	Fixed
	CORE-3274	Stop Service Provision Attempts After x Failures	OPEN	Unresolved
	CORE-3238	cPanel: Allow an account limit to be set for resellers	CLOSED	Fixed
	CORE-3236	cPanel: Allow selling of dedicated IP with config option	CLOSED	Fixed
	CORE-3235	Remove date ranges for config options	CLOSED	Fixed
	CORE-3233	Option to require new account email verification	CLOSED	Fixed
	CORE-3218	cPanel: Display account available for Server Groups	CLOSED	Fixed
	CORE-3101	Order: Add support for html tooltips	CLOSED	Fixed
	CORE-3097	Add package option descriptions to service add/edit package	CLOSED	Fixed
	CORE-3096	Update config option add/edit to support descriptions	CLOSED	Fixed
	CORE-3095	Create database table for config option descriptions	CLOSED	Fixed
	CORE-3011	Vultr: Display snapshot status and disable server actions while a snapshot is in progress	CLOSED	Fixed
	CORE-3010	Vultr: Automatically refresh the Actions tab	CLOSED	Fixed
	CORE-3009	Vultr: When backups are added, set their schedule to daily	CLOSED	Fixed











	CORE-3004	Gateway: Kassa Kompleet	CLOSED	Fixed
	CORE-2978	Order: Allow linking to products with preselected config option values	CLOSED	Fixed
	CORE-2963	Config option field descriptions	CLOSED	Fixed
	CORE-2953	cPanel: Display account aggregate for Server Groups	CLOSED	Fixed
	CORE-2806	Messaging Integration	CLOSED	Fixed
	CORE-2540	Support exchange rates with additional field requirements	CLOSED	Fixed
	CORE-2539	Add Currency Layer as an exchange rate processor	CLOSED	Fixed
	CORE-2538	Add Open Exchange Rates as an exchange rate processor	CLOSED	Fixed
	CORE-2536	Add Fixer.io as an exchange rate processor	CLOSED	Fixed
	CORE-2535	Add additional support for exchange rate processors	CLOSED	Fixed
	CORE-2534	Add X-Rates as a new exchange rate processor	CLOSED	Fixed
	CORE-2533	TastyInterworx: Add support for validating service edits (github)	CLOSED	Fixed
	CORE-2532	TastycPanel: Add support for validating service edits (github)	CLOSED	Fixed
	CORE-2531	WHMSONIC: Add support for validating service edits	CLOSED	Fixed
	CORE-2530	Remove Yahoo Finance exchange rate processor since it is discontinued	CLOSED	Fixed
	CORE-2527	System Overview: Stop HTML-encoding graph label names	CLOSED	Fixed
	CORE-2526	Billing Overview: Stop HTML-encoding graph label names	CLOSED	Fixed
	CORE-2523	SolusVM: Refresh service tab content periodically via ajax	CLOSED	Fixed
	CORE-2522	Prorating invoice after pro rata cut off day without invoice does not adjust service renew date	CLOSED	Fixed
	CORE-2521	Support Manager: Permission authorization error displays in bad UI	CLOSED	Fixed
	CORE-2517	VPS.NET: Add support for validating service edits	CLOSED	Fixed
	CORE-2516	Virtualmin: Add support for validating service edits	CLOSED	Fixed
	CORE-2515	Vesta: Add support for validating service edits	CLOSED	Fixed
	CORE-2514	Universal Module: Add support for validating service edits	CLOSED	Fixed
	CORE-2513	TcAdmin: Add support for validating service edits	CLOSED	Fixed
	CORE-2512	SolusVM: Add support for validating service edits	CLOSED	Fixed
	CORE-2511	Proxmox: Add support for validating service edits	CLOSED	Fixed

	CORE-2510	Plesk: Add support for validating service edits	CLOSED	Fixed
	CORE-2509	NameCheap: Add support for validating service edits	CLOSED	Fixed
	CORE-2508	Multicraft: Add support for validating service edits	CLOSED	Fixed
	CORE-2507	Interworx: Add support for validating service edits	CLOSED	Fixed
	CORE-2506	GoGetSSL: Add support for validating service edits	CLOSED	Fixed
	CORE-2505	DirectAdmin: Add support for validating service edits	CLOSED	Fixed
	CORE-2504	cPanel: Add support for validating service edits	CLOSED	Fixed
	CORE-2503	CentovaCast: Add support for validating service edits	CLOSED	Fixed
	CORE-2502	BuycPanel: Add support for validating service edits	CLOSED	Fixed
	CORE-2501	Search redirects for pages with 1 result	CLOSED	Fixed
	CORE-2500	Update service changes to be validated prior to being queued	CLOSED	Fixed
	CORE-2499	Update module system to support validating service updates	CLOSED	Fixed
	CORE-2498	cPanel: Changing server causes fatal error	CLOSED	Fixed
	CORE-2486	Order: Orders can fail to be created due to invalid character serialization from anti-fraud	CLOSED	Fixed
	CORE-2482	Order: Some states in drop-down reference wrong state	CLOSED	Fixed
	CORE-2480	Services::appendServices throws fatal error	CLOSED	Fixed
	CORE-2478	Improve migrator performance for v4.1.1	CLOSED	Fixed
	CORE-2475	Client service downgrades show credit when none exists	CLOSED	Fixed
	CORE-2473	Only flush cron output buffer if there is one	CLOSED	Fixed
	CORE-2472	Renewals should not increment coupon usage when limits don't apply	CLOSED	Fixed
	CORE-2469	Coupon billing cycles	CLOSED	Fixed
	CORE-2468	Expired/Over qty coupons break service modifications	CLOSED	Fixed
	CORE-2467	Google finance url change	CLOSED	Fixed
	CORE-2464	Exclude 'exclusive' taxes from appearing in totals	CLOSED	Fixed
	CORE-2462	InvoiceDelivery does not return email errors	CLOSED	Fixed
	CORE-2458	DirectAdmin: Server change fails rule validation	CLOSED	Fixed
	CORE-2457	Graphs loaded through nvd3 do not display UTF8 characters correctly	CLOSED	Fixed

	CORE-2456	cPanel: Remote Access Key is deprecated, add support for API tokens	CLOSED	Fixed
	CORE-2455	System Overview: Users Active Today inaccurate	CLOSED	Fixed
	CORE-2454	Package module name is not retrieved for modules without rows	CLOSED	Fixed
	CORE-2448	Support Manager: Client nav link does not work for non-registered users	CLOSED	Fixed
	CORE-2447	Stripe: Transactions approved on particular error	CLOSED	Fixed
	CORE-2446	Import Manager: Update to version 1.4.0	CLOSED	Fixed
	CORE-2445	Cascading tax may fail	CLOSED	Fixed
	CORE-2444	Update incorrect language in client-creation error messages	CLOSED	Fixed
	CORE-2443	Add alipay to the list of blesta extensions	CLOSED	Fixed
	CORE-2442	Client payment received page does not display invoice IDs	CLOSED	Fixed
	CORE-2440	Suspension Error email template includes same tag twice	CLOSED	Fixed
	CORE-2439	Allow query parameters for plugin actions	CLOSED	Fixed
	CORE-2438	Import Manager: Special characters not properly converted	CLOSED	Fixed
	CORE-2437	Add support for checking the clientexec algorithm when supporting legacy passwords	CLOSED	Fixed
	CORE-2436	Add config value for session length	CLOSED	Fixed
	CORE-2433	Import Manager: Staff Group not created	CLOSED	Fixed
	CORE-2432	Order: Order listing page shows "Order Now" for registration type	CLOSED	Fixed
	CORE-2431	Import Manager: Add Clientexec importer	CLOSED	Fixed
	CORE-2428	Add First and Last name to Required Contact Fields	CLOSED	Fixed
	CORE-2427	Look into possible issue with allowing plugin action query parameters	CLOSED	Won't Fix
	CORE-2426	Permission issue creating log directory can interrupt migration	CLOSED	Fixed
	CORE-2425	Plesk: Update Plesk logo for the Plesk module	CLOSED	Fixed
	CORE-2424	Support Manager: Adding a new department says it was successful, but fails to be added	CLOSED	Fixed
	CORE-2417	DirectAdmin: Set the username to lowercase	CLOSED	Fixed
	CORE-2416	Import Manager: Errors importing contacts and services for whmcs.	CLOSED	Fixed
	CORE-2413	Activated services may be improperly renewed by cron	CLOSED	Fixed
	CORE-2411	Support Manager: Change the piping configuration path when creating or editing a department	CLOSED	Fixed

	CORE-2410	Updating invoice may not include new line items if some are removed	CLOSED	Fixed
	CORE-2406	Support Manager: Update admin KB article listing page to use bootstrap columns	CLOSED	Fixed
	CORE-2404	Client cannot update account or contacts when requiring Title field	CLOSED	Fixed
	CORE-2403	Widget/WidgetClient::create does not concatenate class attribute	CLOSED	Fixed
	CORE-2402	Installer: Add PHP extension iconv to the list of recommended requirements	CLOSED	Fixed
	CORE-2398	Coupon amounts not added to invoice	CLOSED	Fixed
	CORE-2397	Pro-Rata services when activated roll back the renew date	CLOSED	Fixed
	CORE-2395	Allow staff to independently set their language	CLOSED	Fixed
	CORE-2394	Allow auto debit to be disabled for specific invoices	CLOSED	Fixed
	CORE-2393	Admin cancelling a service when logged in as client causes error	CLOSED	Fixed
	CORE-2391	Log user actions to file	CLOSED	Fixed
	CORE-2390	ClientDocumentsPlugin: php warning for 'run' method	CLOSED	Cannot Reproduce
	CORE-2387	Improve the cron command listed under system automation	CLOSED	Fixed
	CORE-2385	Pricing date formats are not overridden for presenters	CLOSED	Fixed
	CORE-2379	Scheduled service cancellation dates are not properly displayed in the input field	CLOSED	Fixed
	CORE-2378	Update dates to use the Date helper	CLOSED	Fixed
	CORE-2377	Allow optional client/contact fields to be required	CLOSED	Fixed
	CORE-2375	Support Manager: Add column to ticket overview for client name	CLOSED	Fixed
	CORE-2373	Order: Set coupon tag on each service in Order Received email	CLOSED	Fixed
	CORE-2372	Order: Update orders to disallow internal use only coupons	CLOSED	Fixed
	CORE-2371	Add coupon field for internal use only	CLOSED	Fixed
	CORE-2370	Remove the coupon inclusive/exclusive option	CLOSED	Fixed
	CORE-2364	Add additional events	CLOSED	Fixed
	CORE-2347	Support Manager: Allow tickets to be re-assigned	CLOSED	Fixed
	CORE-2284	Order: Do not allow packages of 0 quantity to be added to cart	CLOSED	Fixed
	CORE-2283	Do not allow clients to manage services that are not Active	CLOSED	Fixed
	CORE-2282	Add custom language file unused by Blesta	CLOSED	Fixed

	CORE-2280	Increase pricing decimal length from 12,4 to 19,4	CLOSED	Fixed
	CORE-2199	Module group add order for round robin should consider the limit	CLOSED	Fixed
	CORE-2182	BitPay: May fail to make payment when paying too many invoices at once	CLOSED	Fixed
	CORE-2167	Services may renew for paid invoices that are not necessarily for the renewal	CLOSED	Fixed
	CORE-2138	Add option to module groups to force module limits	CLOSED	Fixed
	CORE-2105	Allow client to apply credit when no payment methods exist	CLOSED	Fixed
	CORE-2103	Updated Auto-Debit Pending email template	CLOSED	Fixed
	CORE-2056	Order: Specify when to run fraud checks, always, or for new customers only	CLOSED	Fixed
	CORE-1880	Allow a default option to be selected for configurable options	CLOSED	Fixed
	CORE-1873	Support Manager: Add option not to send ticket received confirmation email	CLOSED	Fixed
	CORE-1872	DirectAdmin: Add support for resetting account password	CLOSED	Fixed
	CORE-1847	Integrate PSR-3 logging using monolog	CLOSED	Fixed
	CORE-1832	Allow config option values to be marked inactive	CLOSED	Fixed
	CORE-1812	BrainTree: Add support for CC offsite	CLOSED	Fixed
	CORE-1796	Invoice search should include matches on line items	CLOSED	Fixed
	CORE-1794	Show transaction information to client after payment	CLOSED	Fixed
	CORE-1779	System Overview: Update Recent Users to include client contacts	CLOSED	Fixed
	CORE-1771	Plesk: Add support for version 12	CLOSED	Fixed
	CORE-1753	Support Manager Plugin: When writing attachments to disk, try creating the support_manager_files directory if it does not already exist	CLOSED	Fixed
	CORE-1745	Support Manager: Encrypt department mail passwords	CLOSED	Fixed
	CORE-1708	Add support for config option logic	CLOSED	Fixed
	CORE-1698	Universal Module: Include additional information in notifications	CLOSED	Fixed
	CORE-1697	Allow plugins to register the same plugin action more than once	CLOSED	Fixed
	CORE-1677	Validate service changes before queuing them	CLOSED	Fixed
	CORE-1597	Recording credit for invoice may fail due to amount precision	CLOSED	Fixed
	CORE-1596	cPanel: Add single sign-on support to clients and staff	CLOSED	Fixed
	CORE-1567	cPanel module should strip www. from domains	CLOSED	Fixed

	CORE-1564	Scheduled Cancellation Notice	CLOSED	Fixed
	CORE-1551	Allow no module to be selected for a package	CLOSED	Fixed
	CORE-1320	Add a language selector to non-authenticated client pages if multiple languages are installed for the company	CLOSED	Fixed
	CORE-1269	Module system should render messages set by a module to the view	CLOSED	Fixed
	CORE-1135	SolusVM: Client Server Actions do not provide feedback	CLOSED	Fixed
	CORE-1098	Support Manager: Add 'System' as possible reply value	CLOSED	Fixed
	CORE-710	Universal Module: Add option to populate service expandable area.	CLOSED	Fixed
	CORE-652	Order: Need to display service prices with any tax inclusive amounts	CLOSED	Fixed
	CORE-385	Module: Virtualmin	CLOSED	Fixed
	CORE-295	Recurring invoice daylight savings time anomaly	CLOSED	Fixed

179 issues