



WHMCS V4.5 Changelog

Release Date: 18th May 2011

Shopping Cart

- 4 Additional New Order Form Designs – all featuring ajax loading, real-time totals calculations, ajax domain availability checking, and more...
 - Comparison - a 3 step process specifically targeted at Hosting Services (comparison table)
 - Slider - a slider based product selection form with feature highlight bubbles
 - Modern – a version of Slider but without the initial slider based product selection
 - Ajaxcart – an improved Ajax Cart version of the previous Ajax Order Form

	Starter \$1.00 USD Monthly	Advanced \$1.00 USD Monthly	Premium \$1.00 USD Monthly	Ultimate \$1.00 USD Monthly
Disk Space	10 GB	25 GB	50 GB	100 GB
Bandwidth	100 GB	250 GB	500 GB	1000 GB
Email Accounts	5	25	50	unlimited
Subdomains	0	3	10	50
Location	UK	UK	UK	UK

Above: Step 1 of New Shared Hosting Template

Left: Configure Step of New Shared Hosting Template

Right: Checkout Step of Slider Based Product Selection Form

Modern Form Product Selection

Slider Form Product Selection

Modern & Slider Forms Product Config Step

- Enhanced the ajax order form with a shopping cart version of the same, same look but improved functionality in line with all other cart templates
- Added States/Countries dropdown menu to the cart and all address forms in the client area to display a list of valid options for the selected country (to help with tax rules and address validity)
- Prevention of duplicate products & domains with the same domain from being added to the cart – only latest addition is kept

Orders/Products

- Anniversary Date Prorata Setting – Added the ability to prorata orders from clients to their own signup anniversary date – this allows for every order a client places to always be due on the same day of the month, thus meaning a single invoice
- Updated admin area order process to allow for placing orders with more than one product and/or domain at a time, maintaining support for the multiple quantities of each
- Added admin order process option to still generate an invoice but just not send the email notification to the customer to allow for editing prior to send
- Added Fixed Term Product Termination – this new product config option allows you to offer time limited products, for example a one time product that terminates after 30 days, or a free trial product that terminates after 15 days
- Added option for automatic cancelling of unpaid invoices when cancellation requests are submitted to prevent any further charges going through on already generated renewal invoices
- Updated admin products/services page to display an alert notice when a cancellation request exists for a product
- Updated the order cancellation process to return stock balance of products when an order is cancelled
- Added quick shortcut for resending a products default welcome email as specified in the product configuration from the admin product/service management page
- Enhancement to the admin products config page to allow updating/re-ordering of products without having to individually edit

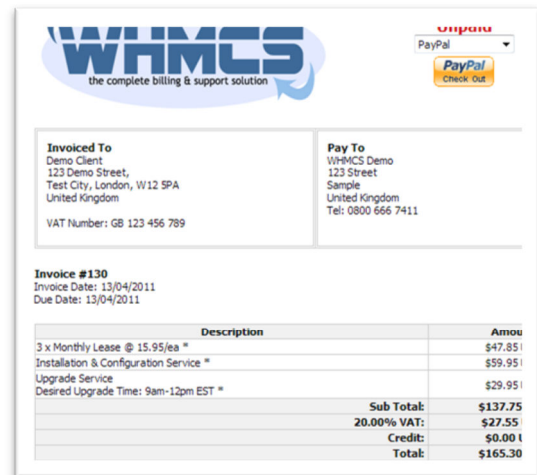
Type	Sort Order	Pay Type
Accounting Account	0	Recurring
Accounting Account	1	Recurring
Accounting Account	2	Recurring
Accounting Account	3	Recurring

Invoices

- Custom Fields - Added the ability to automatically have the values from client or product related custom fields included on invoices, for example “VAT Number” custom fields

displayed in the clients details, “Product Ref” custom fields displayed in invoice line items, etc... (VAT & Upgrade Time examples below)

- Added setting for automatically grouping identical line items into summarised quantity format, for example an invoice of “Monthly Lease \$15.95 Monthly Lease \$15.95 Monthly Lease \$15.95” becomes “3 x Monthly Lease @ \$15.95 = \$47.85” (shown opposite)
- Added email template merge fields for total balance due (at client level so can be used in all email templates types) as well as subscription ID field in invoice related emails to indicate whether a PayPal subscription exists for the given invoice (which can be used to determine what text to display regarding payment instructions)
- Added transactions & balance variables availability to PDF templates – an updated PDF invoice template to use & display them is available via the forums
- 2Checkout Recurring Billing Module – automated subscriptions payments with 2Checkout



Provisioning Modules

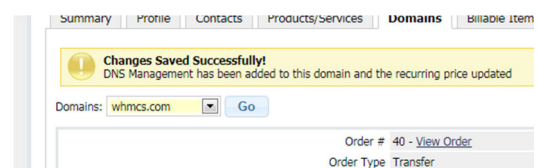
- Added option for using random 8 letter usernames instead of first 8 letters of the domain
- Added support to provisioning modules for a Renewal function that gets called every time a product is paid for/renewed
- cPanel Module – Added support for automated shared to reseller package upgrades, upgrading to a dedicated IP from the configurable package addon, and the passing of a suspension reason to WHM on suspensions. Also updated the reseller disk & bandwidth usage stats importing.
- Added the ability to disable servers while still leaving them in the system – allows you to keep account history while removing them from usage stats imports, dropdown lists, etc...
- Various Module Updates & Reliability Improvements

Upgrades/Downgrades

- Added support for promotion codes when ordering upgrades/downgrades
- Improved number of days remaining calculation to be more accurate
- Added domain name and payment period to upgrade invoice line items for better clarity

Domains

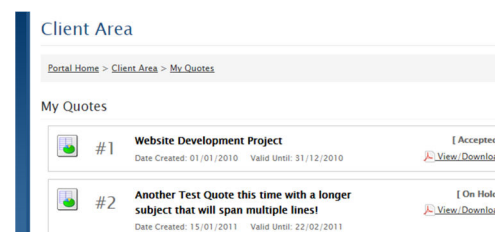
- Auto Recalculate on Save – Like with products, domains now have the option to let WHMCS auto recalculate the recurring price on save for changes of reg period, addons, etc...



- Domain Addons – A usability enhancement for admin area domain management means that enabling/disabling an addon now automatically updates the domains recurring price
- Improved Payment Handling – Having automatic registration/renewal enabled will no longer cause a domain to be renewed on payment if an admin decides to manually activate a new domain order prior to payment
- Added display of selected domain registrant contact when viewing domain orders if set
- WHOIS Updates – Added error message display direct from the registrar modules on WHOIS Info update failure to clients
- LogicBoxes/ResellerClub/NetEarthOne/Stargate New Modules – Updated the LogicBoxes registrar modules to use the new HTTP API from them which allows the addition of Email Forwarding & DNS Host Record Management directly from the WHMCS Client Area along with the ability for automated ID Protection Toggling On/Off. Automated .uk Domain Transfer Tag Releases are also supported.
- OpenSRS & ResellOne – Added Nameserver Creation & Management Functionality
- Added support for automatic toggling of ID Protection On/Off with Registrars where it is free of charge (ie. ResellerClub/NetEarthOne/Stargate/etc...
- IDN Domains – added support for taking orders for IDN domains by allowing A-Z 0-9 character validation on domains to be disabled if desired
- Translation Support for TLD Specific Fields – Added the ability to define custom display names and even use language file variables for the additional domain fields in the shopping cart checkout process

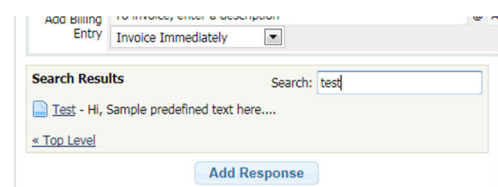
Quotes

- Added multi-language support for quotes
- Added client area quotes viewing/downloading
- Added the ability to convert to multiple invoices – ie. Deposit & Final Payment automatically



Support Tickets

- Predefined Ticket Reply Search – added a keyword search box to the admin ticket reply page predefines list to filter & make locating the reply you want quicker & easier (below)
- Changed default admin area client product view to list all products/services and highlight selected one if chosen by customer (old templates/style will still work if wanted)
- Added ajax client search for moving/assigning a ticket to a client account
- Added mass ticket action buttons to top of ticket list also to help with large ticket lists
- Updated Ticket Merge handling to only append [MERGED] once on multiple merges and to allow localisation via language files
- Added email validation to the admin area support ticket open page



- Updated automated knowledgebase answer suggestions which were always using default language to use localised clients language when available

Promotions

- Added support for promotions in product upgrades/downgrades
- Upgrade promos can discount the upgrade itself, as well as future recurring billings of the product, and be restricted by product & cycle allowing for offers like:
 - Save 25% if you upgrade to Package X
 - Get 10% off for life if you upgrade to Y
 - Save 10% when you upgrade to any Annual package
- Added support for start dates to define when promos are valid from (to complement existing expiry date)
- Improved admin management interface + added admin notes
- Added warning message to display when a promotion code is created or edited and 2 promotions then exist with the same code leaving 1 unusable

Upgrade/Downgrade Package

Portal Home > Client Area > Upgrade/Downgrade Package

Below is a summary of your upgrade order.

Product/Service: Hosting Packages - Basic Hosting (whmcsdemo123.com)

Description	Price
Basic Hosting => Extreme Hosting	\$5.94 USD
Subtotal:	\$5.94 USD
25.00% Discount:	\$1.49 USD
VAT @ 20.00%:	\$0.00 USD
Total Due Today:	\$4.46 USD

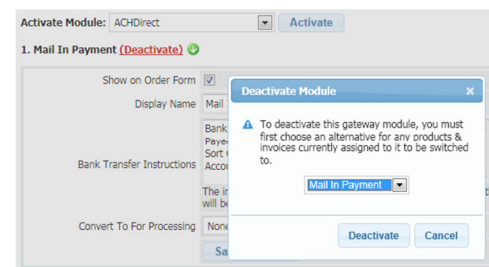
This promotion code also includes a 10.00% Recurring Discount (This discount will apply to future renewals of the product's total price)

Upgrade price is calculated from a credit of the unused portion of the current plan and billing of the new the same period (23 Days)

Promotional Code: Test1 - 25.00% Discount [Don't use Promotional Code](#)

Payment Gateways

- Added the ability to disable in-use gateways and automatically switch any existing items assigned to it over to a new gateway for future billing via the gateways page
- Made Bank Transfer & Mail in Payment Gateway Modules open source to allow for them to be easily duplicated if more offline payment options are needed
- Added support for 2Checkout Recurring Billing (Subscriptions) for invoice payments, and Instant Notification Service for marking invoices paid following fraud checks and on automated renewals
- Added PayPal Payments Pro Reference gateway module – for automated recurring billing through PayPal Pro without card numbers needing to be stored locally
- Various Fixes & New Modules: Auth.net CIM, Amazon SimplePay, eMatters, IMSP, InPay, LibertyReserve, Payment Express



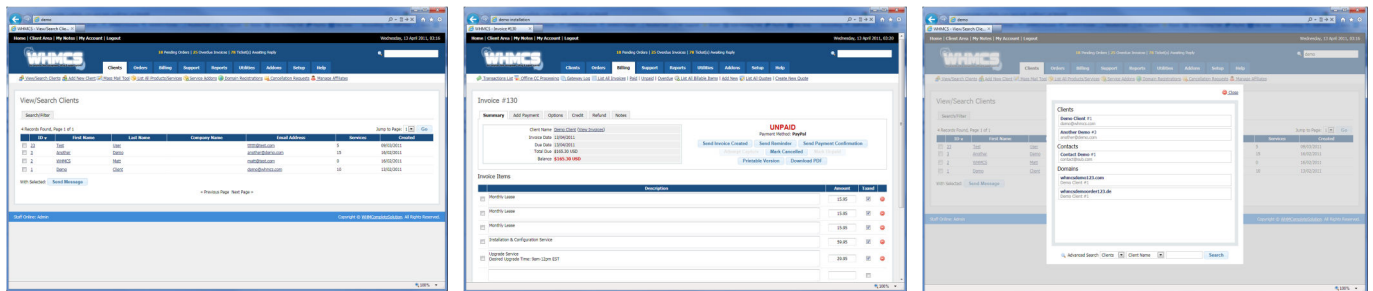
Reporting

- New CSV Export Option – Added the ability to export all reports in CSV format to allow for exporting and further analysis in programs such as Excel
- New Reports – Added new Clients, Invoices, Services & Domains reports to allow for generating custom lists with selectable fields, and up to 5 filter criteria for printing or export
- Credits Reviewer – A new report to allow reviewing of all credits generated between 2 dates

- Product Suspensions – A new report for reviewing all suspended products and the suspension reasons specified for each
- Top Clients by Income - Updated to convert all values into base currency for comparison

New Admin Area Theme

- A new admin area theme to replace the current “simple” theme – features low graphics for fast loading, web 2.0 look, compact header area to use as little room as possible, fluid width to utilise all available screen area



Addons

- Added the ability to have addon items cause the parent product to be suspended also when overdue for payment

Email Messages

- Added support for email attachments in both email templates and custom email messages
- Added the ability to customise the number sent per batch and the frequency when sending out mass mailings

SSL Certificates

- Updated client area configuration process to support additional fields required by some certificate types
- Updates to GlobalSign & Enom SSL Modules to utilise the additional fields where needed

API

- Added JSON Response Format support (XML and NVP still available also)
- Added Internal API method for calling the API from within WHMCS addons & files
- Added domain registrar API functions for managing domains remotely
- Various additions and fixes, new functions include: AddBannedIP, DomainGetNameservers, DomainGetWHOISInfo, DomainGetLockingStatus, DomainRequestEPP, DomainUpdateNameservers, DomainUpdateWHOISInfo, DomainUpdateLockingStatus, GetClientsDomains, GetCredits, GetQuotes, GetTicketNotes, UpdateTransaction, AddOrder support for Multiple Addons & Domain Renewals

Administrators

- Duplicate Role Groups – Added the ability to duplicate an existing admin role group to make creating new roles easier
- Admin SSL Forcing – Added setting to allow enforcing SSL access for all admin area pages in Security Settings
- Active Services Count – Added just “active” services count to admin clients list in addition to total services that was there before, plus the ability to sort by it

Miscellaneous

- Added additional new hook points
- Added setting to enable/disable requiring an active order before allowing client to add funds (deposit credit)
- Domain Resolver Checker Utility – updated server configuration to allow entering multiple IPs for the utility to use, and also added mass terminate shortcuts for improved usability
- Added intoDNS link to domain fields in both orders and product details
- Updated client area language switcher to preserve GET variables on change
- Modified domain renewal accept order page to not check send email by default on accept when auto renew on payment is enabled
- Additional admin area pages translation support
- Added PDF font setting to admin area settings
- TCPDF & jQuery Libraries Updated to latest versions
- Many Other Minor Tweaks & Improvements