

# cPanel / WHM Configuration

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# Overview

What needs to be configured for cPanel/WHM to work to your needs.

- Brief overview of each configuration option
- Accompanied script and/or configuration file.

# Basic cPanel/WHM Setup

The Edit Setup area enables you to edit your server configuration settings that you created during the installation and initial log on process. This includes editing your master IP address, BIND version, contact details if problems occur, and related information.



# Change Root Password

- You should change your server root password occasionally to maximize your site security.
- You should always change this password if you think someone else has access to your WebHost Manager account.

# Initial Quota Setup

- You can enable WebHost Manager to set disk space quotas for the accounts on your server.
- **WARNING:** If you have compiled a custom kernel on your machine that does not have quota support, enabling quotas may result in an unbootable system

# Server Time

The Server Time area enables you to set the time zone for your server clock. You can also synchronize your server time with the displayed time in your browser.

# Statistics Software Configuration

This function allows you to choose what statistics programs will be run on your server. You can also choose whether or not to allow users to determine what statistics programs they will use.

- awstats
- analog
- webalizer

# Statistics Software Configuration

- The Statistics Software Configuration menu now allows you to independantly turn user's statistics on/off dependant on their preferences.
- You can also configure stats to only run during certain time frames, or certain conditions.

# Tweak Settings

You can change a large number of global settings on your server. These changes affect all users of the machine, including yourself, resellers, and resellers' customers.

# Update Config

You can select which updates you would like to receive from cPanel automatically, if any. There are three package types available:

- cPanel/WHM Updates - Updates to cPanel and WHM.
- cPanel Package Updates - Updates to cPanel packages, such as exim, proftpd, and any RPMs (Red Hat Package Manager).
- Security Package Updates - Updates to security packages.

# Update Config

Each package update has the following options available:

- Automatic - Package is updated automatically as releases become available.
- Manual Updates Only - Package is updated manually. All updates are available for manual download from the [cpanel.net](http://cpanel.net) site.
- Never Update - Disables the automatic update function.

# Update Types

- **EDGE** - A development release that contains the most features but has undergone the least amount of testing. You generally shouldn't run this build unless you need a bug fix or feature in it. Once an equivalent **CURRENT** or **RELEASE** build has been released, you should switch away from this.
- **CURRENT** - Similar to the **EDGE** builds but **CURRENT** has undergone some testing in a production environment.

# Update Types (cont.)

- **RELEASE** - A formal release that has undergone extensive testing. Release builds are the preferred builds to run. They are generally current enough to have the latest bug fixes and new features, but without the worry of new bugs being introduced.
- **STABLE** - A formal release that has shown no problems during use by customers. STABLE builds are for the conservative people who do not wish to run the latest release.

# Networking Setup

- **Hostname**
- **Nameserver IPs**
- **Resolver Configuration**

# Hostname

- The Change Hostname option enables you to change the hostname of your server. It is important to choose a hostname that will not be used for any account, and the hostname must be socially acceptable, as it will appear in all mail headers. The hostname must be a FQDN (Fully Qualified Domain Name). All valid hostnames must have at least 2 dots in them, entropy.yourdomain.com.
- WebHost Manager automatically generates 10 random hostnames based on your current hostname as samples which you can use.

# Nameserver IPs

You need to add an IP address for a nameserver when you create a new nameserver.

# Resolver Configuration

The resolver configuration file (/etc/resolv.conf) is a configuration file for name server routines. Normally you do not need to modify resolv.conf.

# Security

- Fix Insecure Permissions
- **Manage Wheel/Group**
- **Modify Apache Memory**
- Quick Security scan
- Scan for Trojan Horses
- Shell Fork Bomb Protection
- **Tweak Security**

# Manage Wheel Group Users

The Wheel Group is a user group that can gain access to root on your server by using the su command (create a shell with the entered user id). You can add and remove users from that group as required.

# Modify Apache Memory Usage

WHM includes a function that automatically calculates the memory limit needed by Apache and resets the memory used by Apache to that amount. This frees up your memory for other operations, and is useful on busy or full servers.



# Server Contacts

- Change System Mail Preferences
- Contact Manager

# Change System Mail Preferences

The Mail Manager area enables you to forward system mail to specific locations, if required. You can set forwarding rules on four separate system users:

- *root - the administrative user on the server*
- *nobody - mail going to no address*
- *mailman - mail from mailman*
- *cpanel - mail from cPanel/WHM*

# Contact Manager

- The Contact Manager enables you to set priority levels on which alerts are sent to you and when.
- You can set the priority rating on each contact method, which indicates what level of priority is sent to that contact method.
- For example, if you set pager a rating of 3, each alert with a priority of 1-3 will be sent to your pager. You can also set the priority rating of each alert type.

# Resellers

- Reseller Center
- Show Reseller Account

# Reseller Center

- The WebHost Manager Reseller Center allows you to give reseller privileges to users, control their reselling abilities, and more. Within the Reseller Center, you can perform a variety of tasks involving your resellers.
- A reseller is an account other than the root account that has the ability to create other accounts that will be owned by the reseller account. The reseller only has access to the accounts that it has created, unless you specify otherwise.

# Service Configuration

- Bandmin Password
- **Enable/Disable Suexec**
- **Exim Configuration**
- **FTP Configuration**
- Nameserver Setup
- **Service Manager**

# Enable / Disable SuExec

- SuExec is an Apache feature that gives users the ability to run CGI and SSI programs using user IDs that are different from the user ID of the calling web server.
- This effectively means that CGI and SSI programs will not have access to the root account or have root permissions.
- Since lots of CGI scripts are used to send mail, it will be easier to see who is sending mail on your server as well.



# Exim Configuration

- This function allows you to modify the behavior of exim by changing certain exim configuration settings.
- You can edit the exim configuration file by clicking on Switch to Advanced Mode.
- Only changes made from this interface will be reflected in Exim's configuration.

# Service Manager

- The Service Manager area enables you to start and stop available services on your server.
  - Disable a service by removing the check in the box next to it.
- You can also enable or disable monitoring of that service
  - Enable monitoring for a service by the checking the box next to it.

# Backup

- Configuration File Rollback
- **Configure Backup**
- Restore Backup
- Restore Multiple Backups
- Restore a Full Backup

# Configure Backup

- You can specify how often backups occur and where backups are placed - either on the same server or on a separate backup drive. You can also specify the specific parts of the backup process that are enabled.
- The backup interval options work in the following fashion:
  - Daily - WebHost Manager performs separate daily, weekly, and monthly backups.
  - Weekly - WebHost Manager performs separate weekly and monthly backups.
  - Monthly - WebHost Manager performs only monthly backups.

# Cluster / Remote Access

- **Configure Cluster**
- **Setup Remote Access Key**

# Configure Cluster

- DNS Clustering allows you to keep DNS records synchronized across multiple servers.

# Setup Remote Access Key

- A Remote Access Key is used for automatic account creation scripts, external billing software, and various other applications that need to call WebHost Manager to create, remove, or modify accounts. A Perl and a PHP module are both available for applications using those technologies.

# Account Functions

- **Create a New Account**
- **Modify Suspended Accounts Page**

# Create a New Account

- WebHost Manager enables you to quickly add new accounts. To do this, you simply fill in the fields to specify the account details. Using packages will speed up this process considerably - refer to Packages for more information.

# Modify Suspended Accounts Page

- The Suspended Account page is the HTML page that account holders will see when they attempt to log into a suspended account. You can modify the default page to contain your specific contact information and branding, if required.
- Accounts owned by a Reseller will use the Reseller's Suspended Account Page
  - `/home/{username}/public_html/suspend.page`

# FrontPage™

- **Install FrontPage Extensions**
- **Install FrontPage Mail Extension**
- **Uninstall FrontPage Extension**

# Install FrontPage Extensions

- FrontPage is an extremely popular web site design tool. In order to support clients who use FrontPage, you need to install FrontPage extensions on their site so that the FrontPage's features will work correctly on a Linux server.

# Install FrontPage Mail Extensions

- Some clients may need FrontPage mail extensions installed.
- Enables clients to use FrontPage's mail forms.
- This function will find all accounts that do not have any mail extensions installed and will install FrontPage mail extensions.

# Packages

- **Add packages**
- Delete Packages
- Edit Packages
- **Feature Manager**

# Add Packages

- Packages allow you to create accounts with a preset amount of disk space, bandwidth, email accounts, etc, and are very useful for your business. With packages, you can cut precious minutes off the time it takes to create a new account.

# Feature Manager

- The Feature Manager enables you to control the functions that are available in your customer's cPanel. You can create one or more feature lists, each with their own functionality, which you then can assign to each new customer when you create the account.

# SQL Services

- **Additional MySQL Access Hosts**
- Change a User or Database Password
- **MySQL Root Password**
- Postgres Config
- Repair a Database
- Reset Local MySQL Root Password

# Additional MySQL Access Hosts

- You can add additional hosts that are able to access MySQL databases on this server.
- You can also specify a remote MySQL server, as long as you provide the proper user name and password.

# MySQL Root Password

- You should change your MySQL root password occasionally to maximize your site security.
- You should always change this password if you think someone else has access to your WebHost Manager account.

# IP Functions

- **Add a New IP Address**
- **Show / Edit Reserved IPs**

# Add a New IP Address

- WebHost Manager enables you to add a new IP address at any time, along with the address's required subnet mask.
- You must use Class C CIDR format when adding multiple IP addresses.
  - example

# Show / Edit Reserved IPs

- WebHost Manager enables you to reserve IP addresses so that they will not be used when automatically assigning IP addresses to new accounts.
- This only applies to new accounts that are given a dedicated IP address.

# cPanel

- **Addon Modules**
- Install cPAddon Scripts
- Manage cPAddon Scripts
- Branding
- **Enable/Disable Outlook™ AutoConfig**
- **Modify cPanel/WHM News**

# Addon Modules

- This function allows you to add different modules that are not automatically installed with cPanel and WebHost Manager.

# Enable / Disable Outlook AutoConfig

- WebHost Manager can enable or disable Outlook Express auto configuration files.
- These allow cPanel users to simply click on a link next to an email address and your server will install Outlook Express registry settings on their computer.
- This function prevents a lot of support requests, as configuring email clients is a common problem for users.

# Modify cPanel/WHM News

- You can display a customized version of the cPanel or WebHost Manager news, rather than using the default news script. You can modify the following areas:
  - Global cPanel News - Displays on the home page of all cPanels that you can effect, including your own, your resellers', and your resellers' customers' cPanels.
  - Global WHM News - Displays in the News area of all resellers' WebHost Managers.
  - Resold Customer News - Displays on the home page of all your resellers' customers' cPanels.
  - cPanel News - Displays on the home page of all your customers' cPanels (not your resellers' customers).



# Questions?