

User Guide
for Account (VDS) Owner



Software for Hosting Providers

Version 3.7

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Introduction

This document cannot be transferred to anyone without the explicit written authorization of Sphera Corporation. All information provided in this document is highly confidential.

HostingDirector site level management enables the user to control his/her own dedicated environment on a server, in which the Website can be built and administrated.

All Website administration tasks are done via a user-friendly and intuitive environment that enables even an inexperienced site owner to manage his/her site without resorting to complex command line instructions.

For example, adding/modifying email and FTP accounts is achieved through a simple wizard that is implemented as a sequence of dialog boxes which the user can move forwards and backwards through, filling in the details required. Another unique feature of the HostingDirector site is the utilization of ValueApps: Third party applications that can be easily installed and managed by site owners.

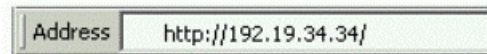
This user guide appeals to a range of readers and assumes limited experience with Website functionality.

Logging In

Note: In order to login, Web browser must be set to accept cookies .

HostingDirector requires an identifying user name and password to successfully log in to its system. The hosting provider should provide these details to you. To login to the site GUI do the following:

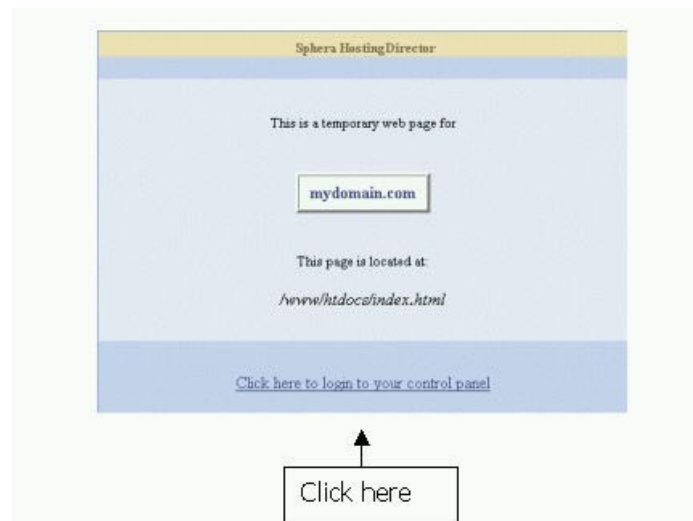
1. Open browser and enter the IP address or domain name of the site in the **Address** field (IP address should be provided to you by hosting provider).



Enter the IP address or domain name of the site in the **Address** bar of browser

If you are using a Name Based site then enter the name of your domain. If your domain name hasn't been registered yet then enter **http://<IP address>/<domain name>** in the address bar.

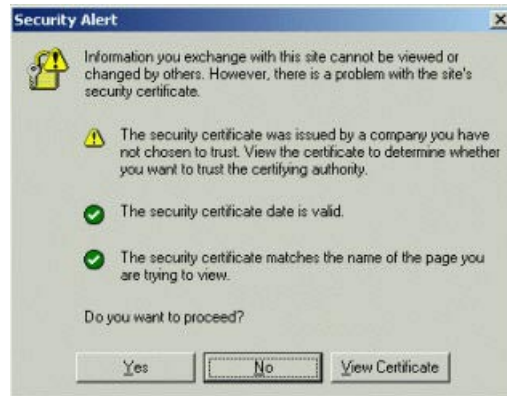
2. The following Web page appears:



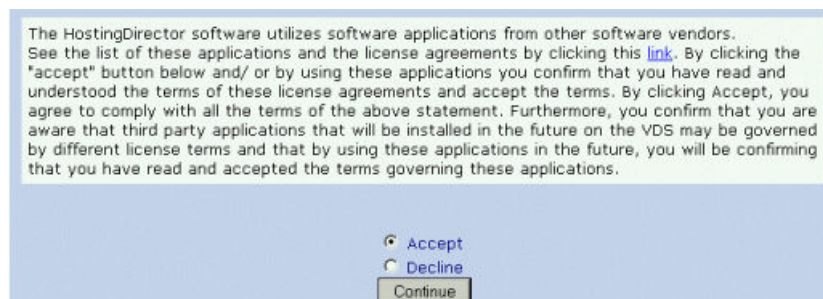
Click on the hyperlink **Click here to login to your control panel**.

 *Note*
After you have uploaded your Website's files to the site, you will need to enter the following address in the Address field of browser:
http://site_domain_name/manager/

3. The following screen may appear since the SSL certificate is still not installed in your computer. Click the **Yes** button.



4. You will need to accept a license statement in order to proceed to the control panel. Select the **Accept** checkbox and press the **Continue** button.



5. You will be prompted to the login screen. Enter the password and user name in corresponding fields and choose a preferred language for the session (This guide is intended for users that have chosen the English language). This login screen gives you the option to install an SSL certificate for this GUI. Once you install this certificate, you will no longer encounter the **security alert** screen that is displayed in step 3 (Instructions can be found in the Installing an **SSL Certificate section**).
Finally, press the **OK** button to confirm the data you entered.



Installing SSL License

To install the SSL certificate do the following (Instructions are via Microsoft® Internet Explorer 5.0):

1. Click the **Click here to install a permanent SSL certificate hyperlink** that in the login screen.
2. The following screen will appear. Choose to open the file.



3. The certificate will now appear on screen. Click the **Install Certificate...** button.
4. Click **Next** in all stages of certificate import wizard. In the last step click **Finish**.

Logging Out

In order to log out securely, you can do one of the following tasks:

- Click the **Logout** hyperlink, which is located on the top right side of the screen.
- Close the Browser.

Uploading

Upload the site's files via FTP according to the following guidelines:

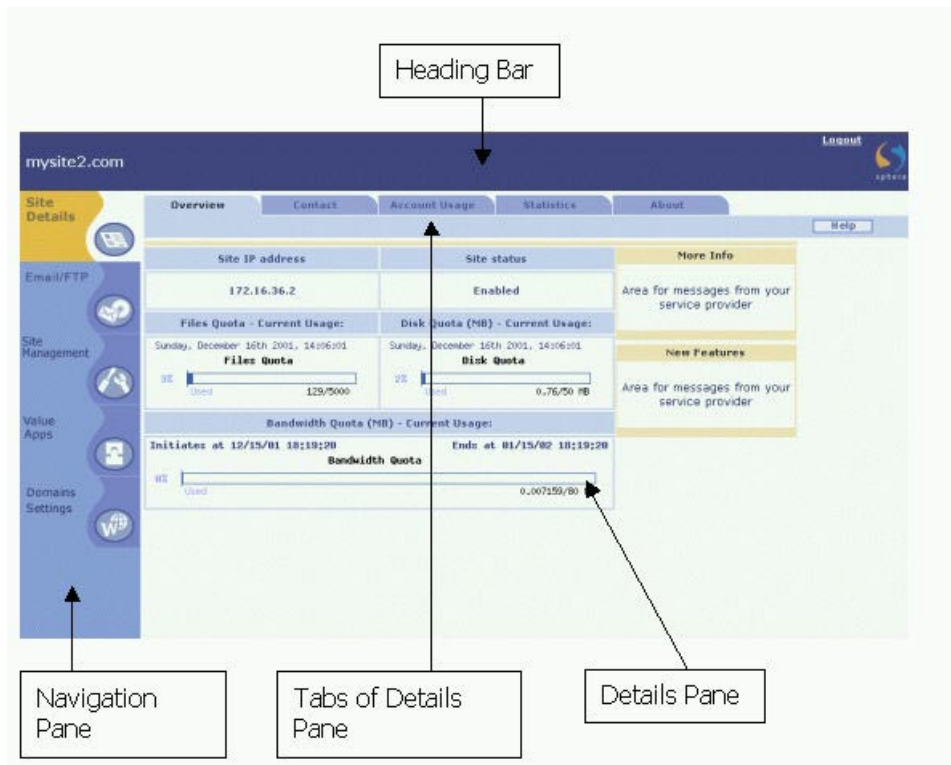
1. Open an FTP connection with your site and enter your user name and password. Alternatively, You can use the **File Manager** of control panel (Refer to [File Manager](#)).
2. Upload your HTML files to the following path:
<site>/www/htdocs
3. Overwrite the existing **index.html** with your site's **index.html** file. If your index file's name is index.htm then delete the existing index.html file and upload your site's index.htm file.

Note: If you have FrontPage® Extensions on your account, then upload your files via FrontPage to the following path: <site>/www/htdocs

Navigating






The main window of HostingDirector is comprised of three main sections:

1. **Navigation pane:** Located on left hand side of GUI. Consists of 5 icons.
2. **Details pane:** Adjacent to the navigation pane. Details pane changes according to icon that has been clicked on navigation pane. Each details pane consists of a number of tabs. Each tab consists of a panel that opens on details pane. Details pane includes **Tabs** which navigate between different screens.
3. **Heading Bar:** Located on top of navigation pane and details pane. Heading bar includes the name of the account and a hyperlink for logging out of GUI.



Navigation Pane

The navigation pane always appears on the left side of the screen and consists of five icons. It is advised not to use buttons of Web browser's toolbar while utilizing the GUI.

	Provides contact and usage information.
	Add, modify and enhance email/FTP accounts.
	Administrate and configure the account's settings.
	Add and modify ValueApps (ValueApps are software components that are installed to provide additional functionality for account).
	Modify and add domains, sub domains and DNS records

System Requirements

Account GUI is designed for the following browsers:

- Microsoft® Internet Explorer® Explorer 5.0, Internet Explorer 5.5, Internet Explorer 6.0
- Netscape® 7.x, Mozilla/5.x

A client that meets the system requirements of the above browsers can utilize the site GUI.

GUI can function under any type of Internet connection, though it is advisable to use a 56K connection or higher.

Note to Apple® Mac® users: Compatibility difficulties may be experienced when viewing GUI via Mac. At this point, Sphera HostingDirector does not guarantee full Mac support. These difficulties shall be addressed in the near future.

Getting Started

It is recommended to follow these steps after the initial login to control panel¹:

1. Upload site content. If you are using FrontPage then you must first install FrontPage Extensions 2002.
2. Update your contact details in [Contacts tab](#).
3. Add users (Email/FTP accounts) to your site.
4. Install Webalizer in order to receive statistical data on your site.
5. Increase functionality of Website by adding ValueApps.
6. Configure DNS settings: Add domain(s) and sub domains to your account.
7. Back up your account files via [Backup and Restore](#) tab.
8. Change your password via [Settings](#) tab.

¹ For more information on each step, refer to relevant chapter. See [Table of Contents](#)

Site Details



Site details category is composed of five tabs:
Overview, Contacts, Accounts Usage, Statistics, and About.

Overview Tab

To proceed to the **Overview** tab, click on the **Site Details** icon.
The Overview screen provides the following information:


- **Dedicated IP Address:** IP address of site. Note that if this site shares its IP address with other sites then **Shared IP Address** shall be displayed.

Dedicated IP address
172.16.42.111

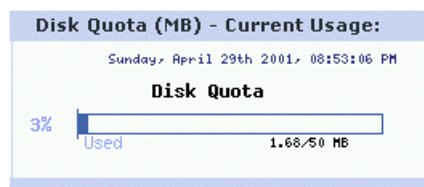
- **Site Status:** Enabled - site's services are active. Disabled: Accounts services are not running.

Site status
Enabled

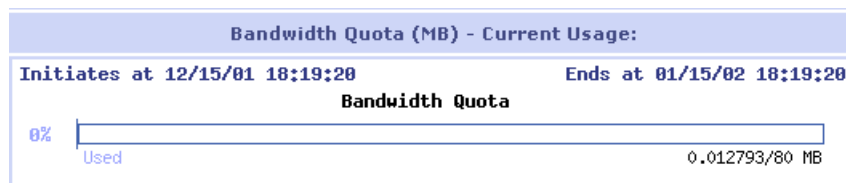
- **Files Quota – Current Usage:** The total number of files being used and total number of files that are available. Information is provided in numbers and in percentages.

Files Quota - Current Usage:
Tuesday, May 21st 2002, 18:39:41
Files Quota
0% 
Used 81/Unlimited

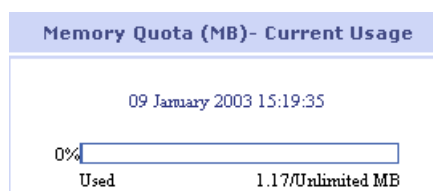
- **Disk Quota (MB) – Current Usage:** The total space (In MB) being used and space that is available. Information is provided in numbers and in percentages.



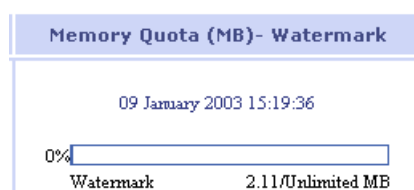
- **Bandwidth Quota:** The bandwidth (In MB) that has been utilized and bandwidth that is still available. Information is provided in numbers and in percentages. Bandwidth is supplied for specific periods. Data on when period of time initiates and ends is also provided in this section.



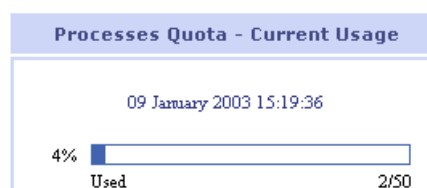
- **Memory Quota (MB)- Current Usage:** Total swap memory that this account is currently utilizing and maximum quota that can be used. Information is provided in numbers and in percentages.



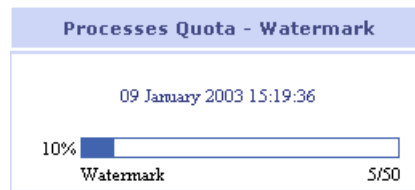
- **Memory Quota (MB)- Watermark:** The highest value of swap memory for this account since server administrator has reset this watermark or since machine has been rebooted.



- **Processes Quota - Current Usage:** Total number of processes that this account is currently utilizing and maximum quota that can be used. Information is provided in numbers and in percentages.



- **Processes Quota - Watermark:** The highest value for number of processes that this account had since server administrator has reset this watermark or since machine has been rebooted.



- **Messages from hosting provider:** Right side of the Overview tab includes messages/advertisements from the hosting provider to site owner. For example:

The image shows a yellow-bordered box with the text: "More Info", "For a limited time only!!", "Add 50 MB to your VDS for just \$10 a month!!!", "Contact our sales department for more information!!!". To the right is a white box with the text: "Information is for demonstration purposes only." An arrow points from the white box to the advertisement.

Contacts Tab

Contacts tab provides contact information on the site owner and on the hosting provider.

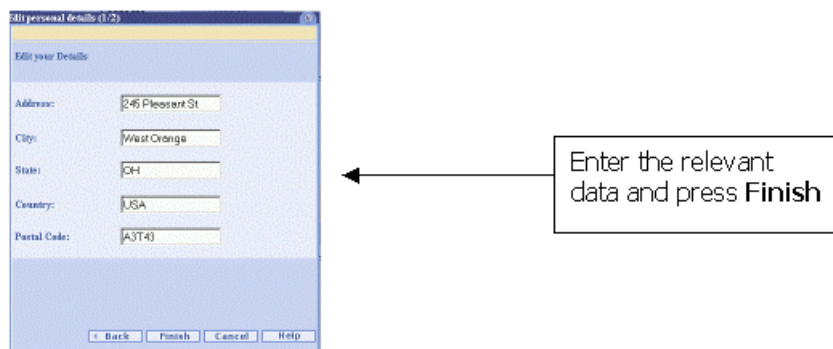
The screenshot shows two sections: "Site Details" and "Hosting Provider".

Site Details	
Site Name:	mysite2.com
Phone:	
Email:	
Contact:	
Street Address:	
City:	
State:	
Country:	
Postal Code:	
<input type="button" value="Edit"/>	

Hosting Provider	
Site Name:	Web hosting r us
Phone:	212 555 34535
Email:	support@webhosing123.com
Contact:	Mr. John Smith
Street Address:	
City:	New York
State:	NY
Country:	USA
Postal Code:	10021

Callout boxes with arrows point to the "Site Details" and "Hosting Provider" sections, labeled "Account details" and "Hosting provider's details" respectively.

To edit account details click the **Edit** button. A wizard screen will appear. Enter the data in the relevant fields. Click **Next**. Finally, click **Finish** to confirm your additions/modifications.



Accounts Usage

Accounts usage tab include information on the resources of Email/FTP accounts that have been created by Website owner:

- **User:** User name of FTP/Email account.
- **Mail Quota:** The total mail quota for account, mail quota that has been utilized, and mail quota that is still available .Information is provided in numbers and in percentages.
- **FTP Quota:** The total FTP quota for account, FTP quota that has been utilized, and FTP quota that is still available .Information is provided in numbers and in percentages.

User	Mail Quota(MB)	FTP Quota(MB)
manager	0% <input type="text"/> Used 0.00/Unlimited MB	0% <input type="text"/> Used 0.00/Unlimited MB
nancys	0% <input type="text"/> Used 0.00/8 MB	0% <input type="text"/> Used 0.00/10 MB
sharonb	0% <input type="text"/> Used 0.00/5 MB	0% <input type="text"/> Used 0.00/5 MB

Statistics

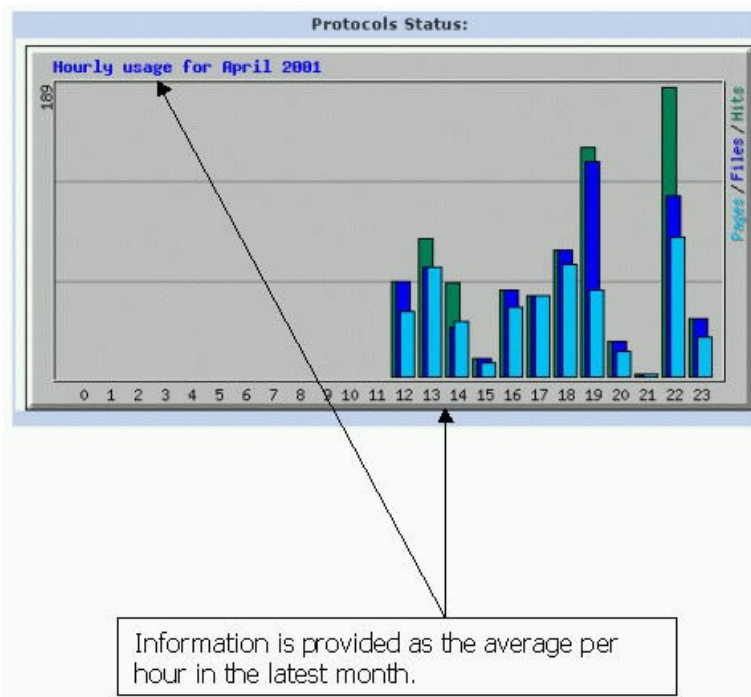
Statistics tab provides information is composed of two sections:

- **Bandwidth Usage History:** Table displays total bandwidth that has been utilized for each predefined interval.

Starting Date	Ending Date	Usage (MB)
12/15/01 06:19:20 PM	12/16/01 06:29:06 PM	0.021643

- **Webalizer:** To view the data, Webalizer ValueApp must be installed. Analyzes web server data to produce web site usage reports. For example, the Webalizer can create a chart showing the countries from which your site is accessed. For more information enter to <http://www.webalizer.com/>

- **Protocols Status:** Provides statistical information on the account. Data is displayed as hourly averages for the latest month and consists of the following:
 - **Hits:** Total number of HTTP requests that the server received during the reporting period on average.
 - **Files:** Average number of hits that actually resulted in an HTML page or image being sent back to the user.
 - **Pages:** Average number of pages being requested by users.



About Tab

About tab displays details about the version of GUI.

About HostingDirector™ 3.5:
Operating system type: Linux
Operating system version: 2.2.18
Processor architecture: i686
HostingDirector version: 3.5.i2
Visit us at: www.sphera.com

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Service Package: N/A

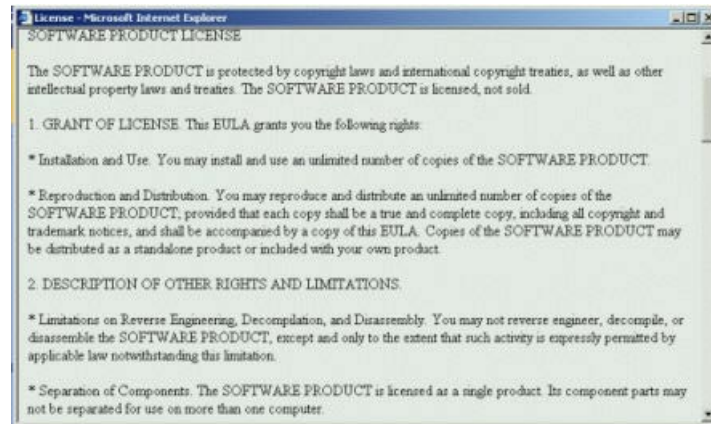
[Software Components License List](#)

The details that appear in the 'About' tab may differ from the details that are displayed in this picture.

This tab also enables you to review all license statements of third party applications.

To view one or more license statement click the **Software Components License List** hyperlink. A window with hyperlinks to all license statements appears.

To view a license statement, click on its hyperlink.




Email/FTP






Introduction

Email/FTP category provides the following features:

- Adding/modifying email and FTP accounts.
- Adding/Modifying aliases.
- Defining anonymous FTP account settings.
- Adding utilities to enhance email functionality.
- Defining SMTP and outgoing mail properties:



To add an address, click the 'New Email/FTP' button. To edit an existing address, click its  button

	Email	Description	Mail Status	Mail Quota	FTP Status	FTP Quota	Edit 
<input type="checkbox"/>	manager	manager	true	0	true	0	
<input type="checkbox"/>	nancys	CFO	true	8	true	10	
<input type="checkbox"/>	sharonb	CTO	true	5	true	5	

Accounts Tab

Email and FTP accounts are an integral part of any Website. With HostingDirector defining such accounts is a simple and secure process. To add email/FTP accounts do the following:

1. Click on the **Accounts** tab.



2. Click on the **Email/FTP** button.



3. You will be prompted to a wizard screen in which you should enter the following:

User name: This will become the first part of the email

User name can consist of 1 to 32 characters. It must start with a lower case letter (a-z) followed by lowercase letters (a-z), digits (0-9), underscores (_), hyphens (-) or dots (.). Do not enter uppercase letters. In our example, 'jsmith' is entered making the complete email address jsmith@domain_name.com.

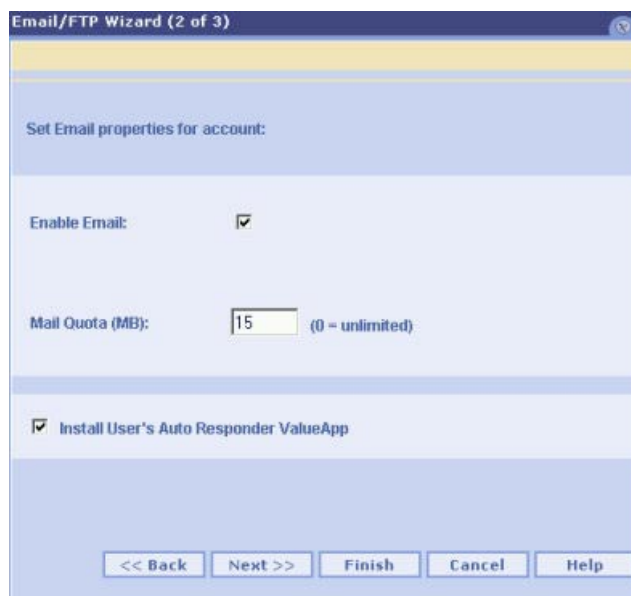
- a. **Account Description:** A one-line description for the user name.
- b. Enter a password for the account, then retype the password.
- c. Click **Next**.

 **Note**

If you are utilizing a Name Based account, then in order to access your FTP or POP accounts, you must use the following as the username when logging in:
Username%domain_name



4. Select the **Enable Mail** checkbox to activate the email account. In the **Mail Quota** field, enter the amount of MB that will be allocated to this account. Entering zero in quota files grants an unlimited quota to account. Select the **Install User's Auto Responder ValueApp** checkbox to automatically install the auto responder ValueApp for this email account. Click **Next**.

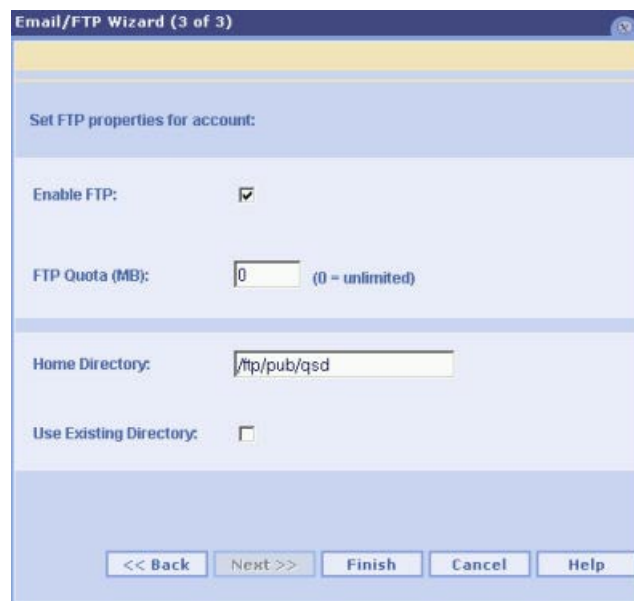


5. Select the **Enable FTP** checkbox to activate the FTP account. In the **FTP Quota** field, enter the amount of MB that will be allocated to this account. Entering zero in quota files grants an unlimited quota to account.

Enter the path of this account or leave it with the default directory. Select the **Use Existing Directory** checkbox to set this account's directory with an existing one (A directory that was created prior to the add account operation). Note that this cannot be the directory of another account.

There are a number of directories that cannot have users created in them. This prevents creating accounts with a home directory that consists of system files (User may delete these files). The list appears in the file **/etc/ftplibdir**. If you want to add another user to these directories for any reason then you must delete the directory name from this file (Not recommended).

Click **Finish**.



6. The new email/FTP account appears on screen with its properties.

✕	Email ▾	Description ▾	Mail Status ▾	Mail Quota ▾	FTP Status ▾	FTP Quota ▾	Edit
<input type="checkbox"/>	jsmith	manager	Enabled	50	Enabled	15	

Note: Only root user of server can add accounts under the directory **/www/htdocs**. Therefore, it is not possible to add user accounts under this path.

Email/FTP Account GUI

Each email/FTP account user can access an end user GUI. There are two ways to login to the control panel of email/FTP user control panel:

Option 1

1. Click on the account owner name. A new browser window shall appear with the account user's control panel.

	Email	Description	Mail Status	Mail Quota	FTP Status	FTP Quota	Edit
<input type="checkbox"/>	jsmith	manager	Enabled	Unlimited	Enabled	Unlimited	

Click on account name to be prompted to account user's control panel.

Option 2*

1. Open browser and enter the IP address of the site and **/users/** in the **Address** field. For example:

Address

If the account is name based then enter the name of the main domain name of the site and **/users/** in the **Address** field. For example:

Address

2. Account owner should enter the password and user name that you have defined while adding this email/FTP account.

Enter your user name and password and select the language of your choice.

User Name:

Password:

Choose Language:

[Click here to install a permanent SSL certificate](#)

OK Cancel

Click OK button once you have finished entering your data

For more information about this GUI, refer to its help files.

* Option 2 is the recommended login procedure for the email/FTP account users

Adding Functionality to Email/FTP Account

Auto Responder

If you would like to provide an Auto Responder feature to email/FTP account then you must install the **Auto Responder** ValueApp.


Web Mail

If you would like to provide an Auto Forwarder feature to email/FTP account then you must install one or more of the following Web Mail ValueApps:

- Neomail
- IMP


Editing an Email/FTP Account

To edit one or more of the parameters of an Email/FTP account:

1. Press the **Edit**  button that is next to the email account you wish to edit.
2. Edit the desired field/s.
3. Press the **Finish** button.

Removing an Email/FTP Account

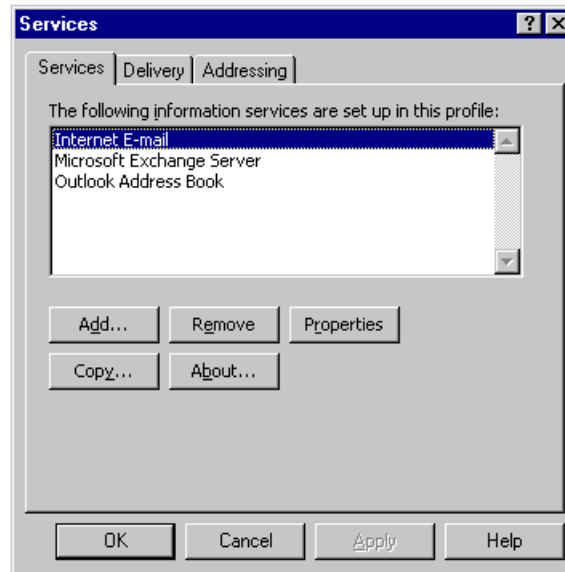
To remove an email/FTP account:

1. Select the **X** checkbox, which is next to the relevant email account.
2. Press the  button. Select the **Remove Home Directory** checkbox to delete home directory of account.

Configuring the Email Account On The Client

This section demonstrates how to configure an email account on a client for a account with a **proprietary IP address**. For instructions on how to configure an email account on a client for a **Name Based account** [click here](#). Once you have finished adding the email account on the account proceed to configure this account on the designated client. This section will demonstrate the configuration through the email application Microsoft® Outlook2000® (Outlook and Outlook Express and the graphic materials contained therein are the property of Microsoft Corporation and are protected by trademark, copyright and other laws.)

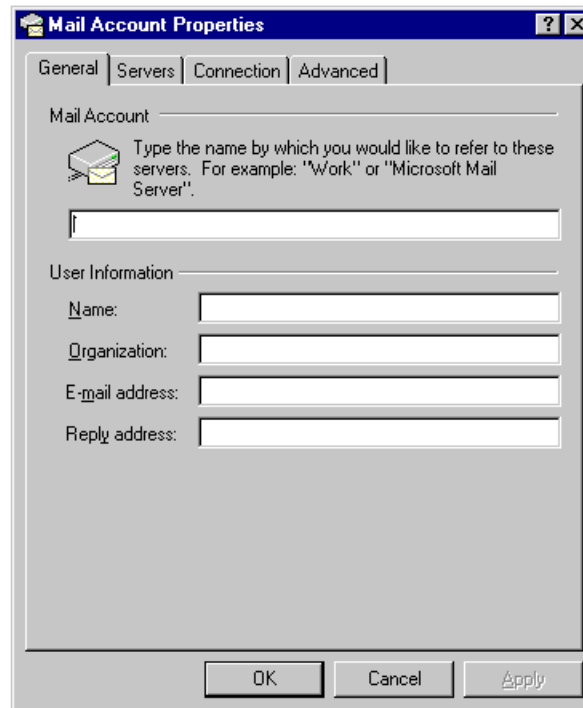
In the main menu of Outlook2000® click on **Tools** and then select **Services** from the menu that has opened. Choose **Internet E-mail** from the dialogue box and press the **Add** button.



Click the **OK** button on the dialogue box that has opened.



You will now be prompted to the dialogue box in which you will enter all configuration details of the email account. Select the **General** tab.



Enter the name of the person that has the email account in the Name field.
For example:

Name:

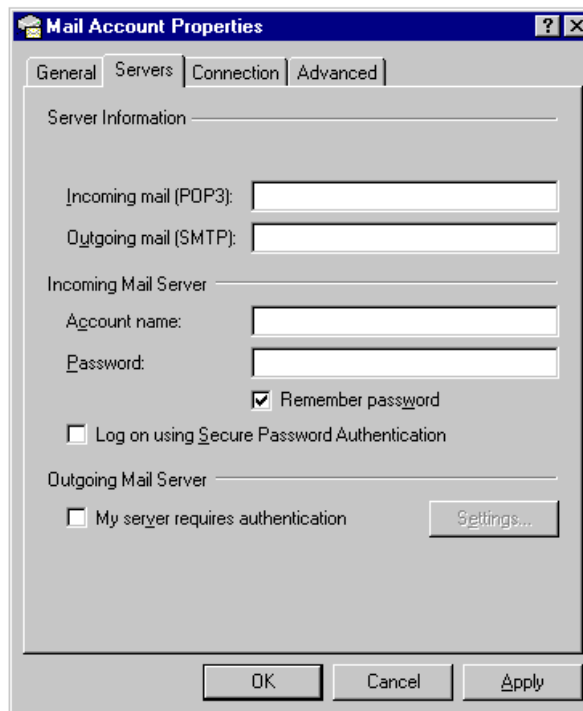
Enter the name of the Organization that owns this email account in the **Organization** field.
For example:

Organization:

Enter the complete email address in the **E-mail address** field.
For example:

E-mail address:

Leave the **Reply all** field blank.
Click on the **Servers** tab.



Enter the name of the POP server in the **Incoming mail** field. The name of this server is "pop.vdsname.com". For example, if the name of the account is spha.com then enter:

Incoming mail (POP3):

Enter the name of the SMTP server in the **Outgoing mail** field. The name of this server is "smtp.vdsname.com". For example, if the name of the account is spha.com then enter:

Outgoing mail (SMTP):

Enter the name of the account in the **Account** field. In our example it will be:

Account name:

Enter the password that you have defined when adding this email account on the account. For example: If the password is **123456** then enter this password in the **Password** field:

Password:

Finally, press on the **OK** button to confirm this configuration.

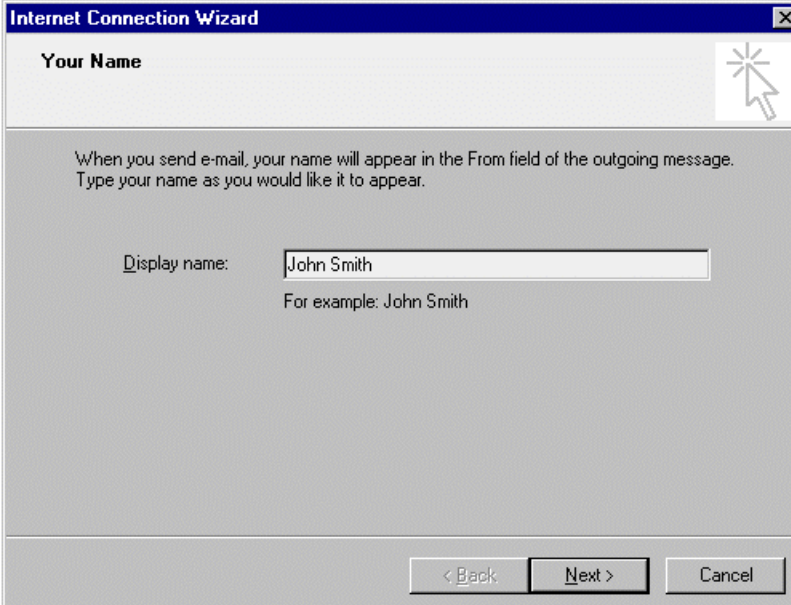
Configuration for Named Based account

The following instructions are on configuring the email account on a client for a **named based account**. This section will demonstrate the configuration through the email application Microsoft® Outlook Express® 5.5 (Outlook and Outlook Express

and the graphic materials contained therein are the property of Microsoft Corporation and are protected by trademark, copyright and other laws).

Note: HostingDirector does not support the Eudora Email Software on name based account

1. In the main menu, click on **Tools** and then select **Accounts**.
2. Add a new account. In the first screen enter the name of the user. Click **Next**.



Internet Connection Wizard

Your Name

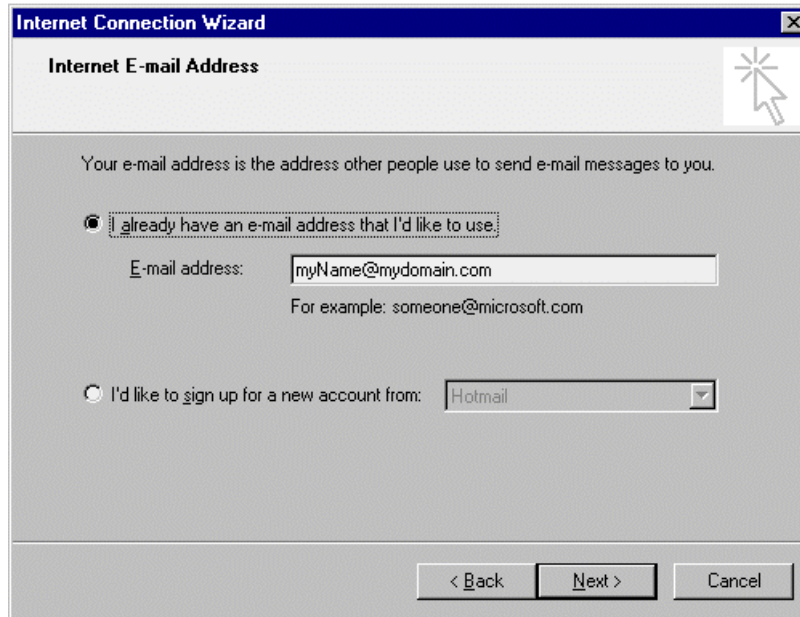
When you send e-mail, your name will appear in the From field of the outgoing message. Type your name as you would like it to appear.

Display name: John Smith

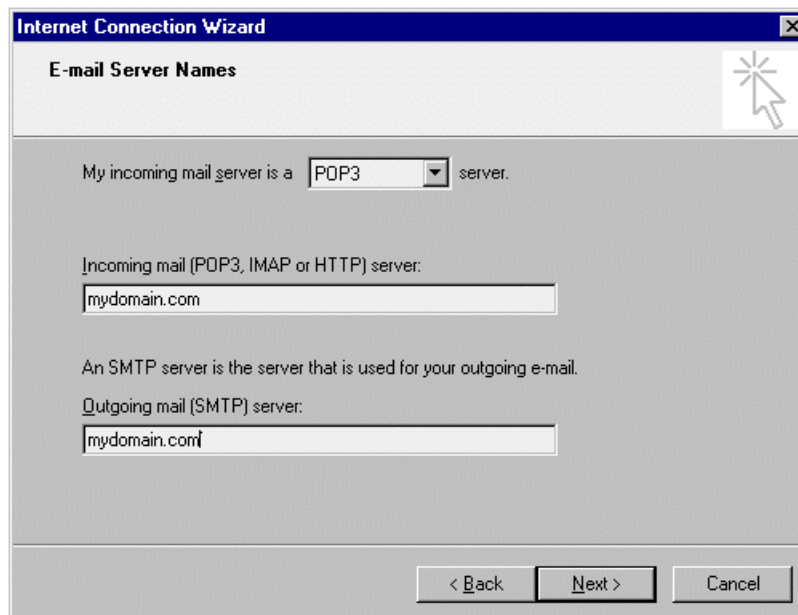
For example: John Smith

< Back Next > Cancel

3. Enter the email address of the user. Click **Next**.

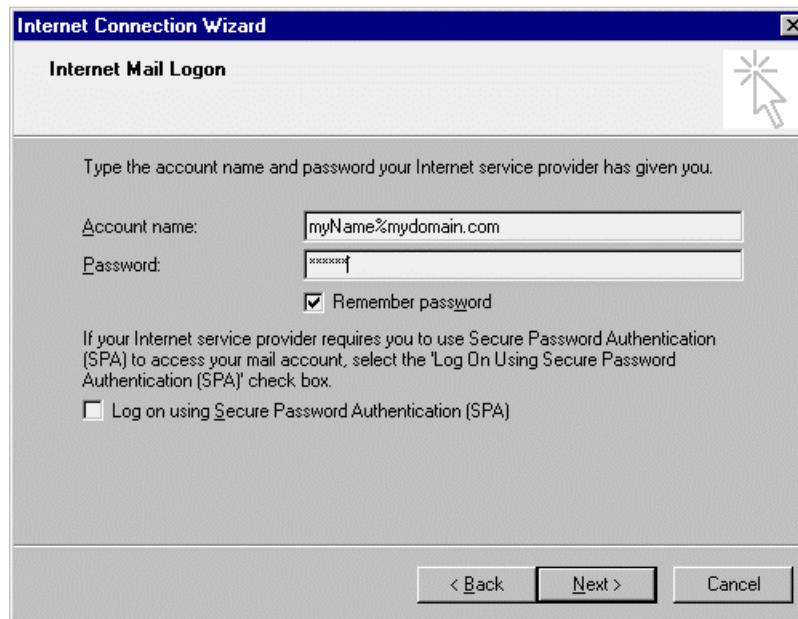


4. Enter the name of the POP server in the **Incoming mail** field. The name of this server is "vdsname.com". In this example, **mydomain.com**
Enter the name of the SMTP server in the **Outgoing mail** field. The name of this server is "vdsname.com". In this example, **mydomain.com**
Click **Next**.



5. In the **Account name** field enter full name of account. Note, that the input mask uses the % sign and not the @ sign:
username%domain_name. suffix
In our example: **myName%mydomain.com**.
Enter the password of this account in the **Password** field and click

Next.



6. Click the **Finish** button on the last screen.

Aliases

Aliases

Aliases are shortcuts used to redirect email messages. There are four types of aliases that can be defined: Email aliases, Distribution List aliases, Command Line aliases, and Catch All, each of which will be discussed in this section.

Note that aliases can be composed only of English language characters.

To view existing aliases:

1. Click the Email/FTP icon.
2. Click the **Aliases** tab.

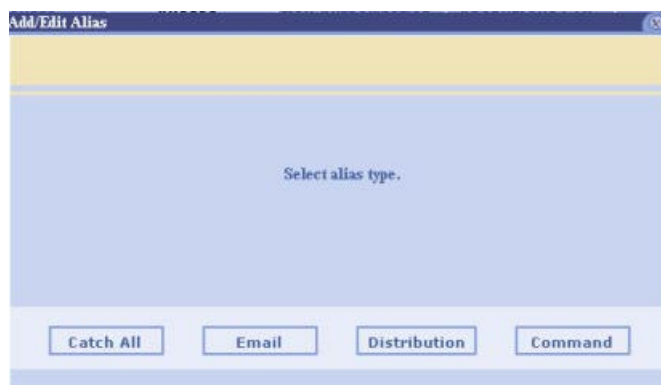
At this point, you need to decide which type of alias you want to create. We will work through an example of each type of alias to demonstrate your options.

Defining an Email Alias

An email alias redirects email messages to a specified address.

To define an email alias:


1. Click the **New Alias** button.
2. Click **Email** on the following screen.



3. In the **Email Alias Name** field, enter a short alias name. When this alias receives an email message, the message will be forwarded to an email address (destination) of your choice. You can enter an email address that does not belong to Website or a local email address in the **Local Email address** field. For example, if you want email messages that are sent to marketing@yourDomain.com to go to nancys@yourDomain.com, enter the word marketing.



- Click the **Finish** button.
4. The new alias appears on the Aliases tab.

	Sent To	Type	Destination	Edit 
<input type="checkbox"/>	marketing	Email	nancys	

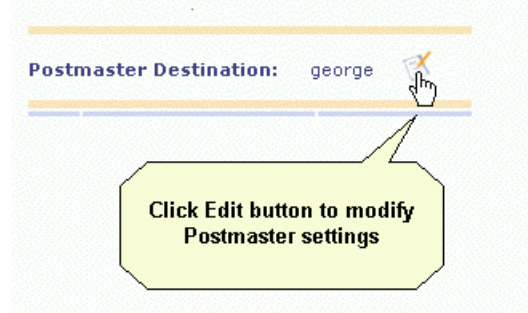
Caution: Assigning a name to an alias that already belongs to an existing user account can cause email privacy loopholes.

Postmaster Alias

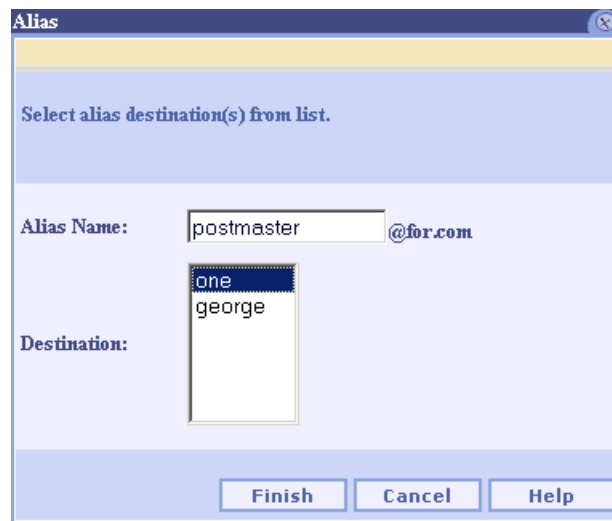
Postmaster alias is a reserved alias name that exists in your account. By default, all email messages that are sent to

postmaster@<domain_name> are forwarded to the owner of the Website account. To modify the postmaster alias settings, do the following:

- Click **Edit** button next to **Postmaster Destination**.



- A wizard screen will prompt you to select the email account(s) that shall receive all email messages for Postmaster alias.
- Select the account(s) and click **Finish**.



- New Postmaster settings shall appear on screen.



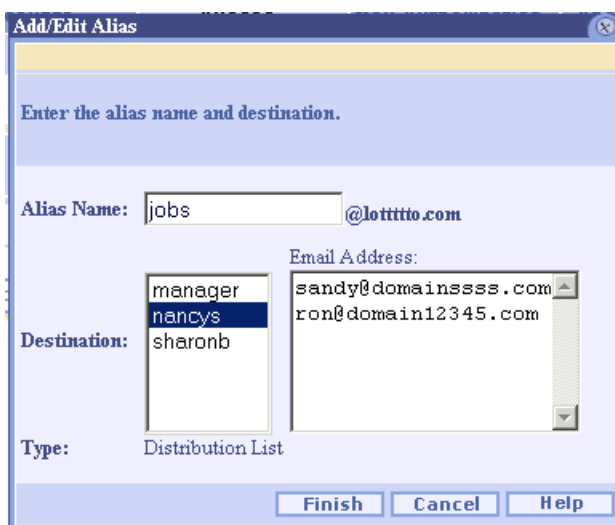
Defining a Distribution List Alias

A distribution list alias (mailing list) enables you to send an email to one address, and have it forwarded to a group of email addresses.

To create a distribution list alias:




- Click the **New Alias** button.
- Press the **Distribution** button.
- In the **Email Alias Name** enter a name of the Alias. For example: jobs. Press the **Ctrl** key and click on all the email addresses that you wish to add to the distribution list which appear on the **Destination** field. You can also enter email addresses that do not belong to the site

in the **Email Address** text box.



Click **Finish**.

4. The newly created distribution list now appears on the Aliases tab.

	Sent To	Type	Destination	Edit 
<input type="checkbox"/>	jobs	Distribution List	nancys...	

Caution: Assigning a name to an alias that already belongs to an existing user account can cause email privacy loopholes.

Defining a Command Line Alias

A command line alias forwards mail to an application for processing. Email addresses can be forwarded to a program that adds their email address to your mailing list. For example, you may want to add users to a mailing list so they can be sent updated information about your product. To create a command line alias:

1. Click the **Add New Alias** button.
2. Press the **Command** button.
3. In the **Email Alias Name** field, enter a short alias name.
In the **File Destination** field, enter the destination application.

Click **Finish**.

4. The new alias appears in the aliases tab.

<input type="checkbox"/>	process	CommandLine	/ftp/pub/dest	
--------------------------	---------	-------------	---------------	--

Catch All

The Catch All alias forwards all unresolved email messages to specific email address. For example, an email message that has been sent by error to jjjoe@vdomain_name.com instead of joe@vdomain_name.com shall be sent to the Catch All address. To create a Catch All alias:


1. Click the **New Alias** button.
2. Press the **Catch All** button.
3. Select an email address from the **Local Email** field. You can also select an email address that does not belong to Website in the **Destination** field.
4. Click **Finish**.

5. The new alias appears in the aliases tab.

	Sent To	Type	Destination	Edit 
<input type="checkbox"/>	unknown	catch_all	manager	

Editing an Alias

To edit one or more of the parameters of an Alias account:

1. Press the **Edit**  button that is next to the account you wish to edit.
2. Edit the desired field/s.
3. Press the **Finish** button.

Removing an Alias

To remove an alias account:

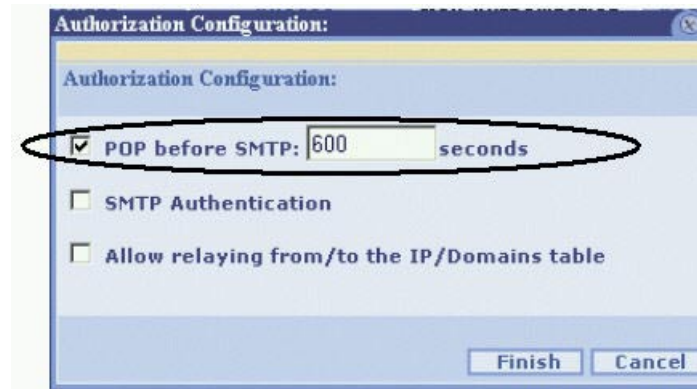
1. Select the **X** checkbox, which is next to the relevant account.
2. Press the  button.

Mail Authorization

This tab enables you to define outgoing mail security settings of account's mail server. These settings are primarily used to cut down abuse and misuse of relatively open mail servers. If all features in this tab are disabled then you will not be able to use the account's mail server for outgoing mail from a remote site. Select one or more of these authorization features to activate your mail server for outgoing mail:

Note: This tab is disabled when an external mail server is utilized on a name based account

- **POP before SMTP:**POP before SMTP is a method for authenticating users before they send mail through a mail server. This method does not apply to local email messages (email messages from/to local email accounts). If feature is enabled, then user must check for incoming email messages before sending email messages. For example: If you are using Outlook® Express® 5.5 then click the **Receive All** button before sending email messages. User must send the email message during the interval that is defined in the **POP before SMTP** field. Otherwise, he/she must click the **Receive All** button again.
1. Click the **Edit** button to enable/disable feature. You will be prompted to wizard screen. Select the **POP before SMTP** checkbox and define the number of seconds in which you will be prompted to reenter your login details.

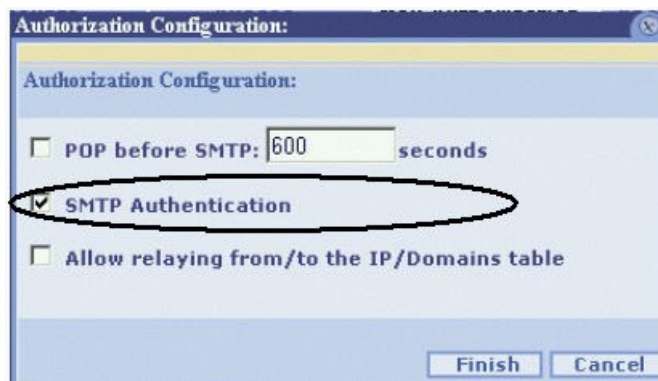


2. Click **Finish**.

- **SMTP Authentication:** When enabled, if user wants to send email messages to external email addresses then user must login to mail server by entering user name and password. This is the same user name and password that were defined when creating email/FTP account. If you are using Outlook Express 5.5 then make sure that the following is selected.



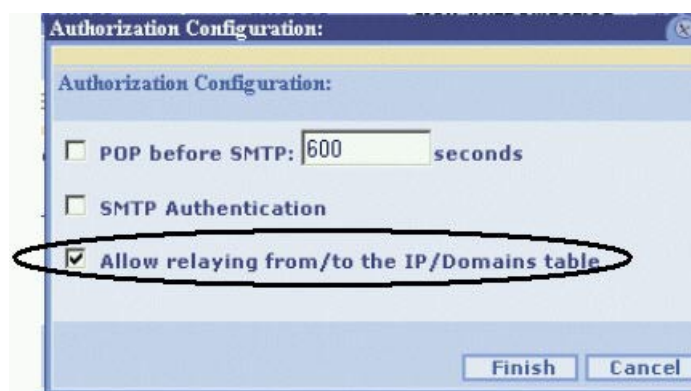
1. Click the **Edit** button and select **SMTP Authentication** checkbox.



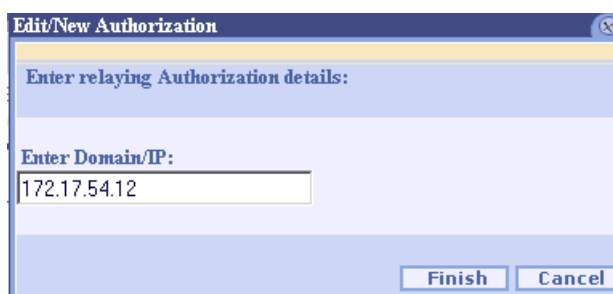
2. Click **Finish**.

- **Relaying from/to the IP/Domains table:** Relaying is relevant when one sends email messages from a client to an external email address. Email messages can be relayed to/from predefined IP addresses and domains. Table's entries will not be lost when feature is disabled.

1. Click the **Edit** button and select **Allow relaying from/to the IP/Domains table** checkbox. Click **Finish**.



2. Enter IP address or domain name in wizard screen.



3. The domain/IP address you have entered appears in table. To enter another domain/IP address repeat step number 2.

✕	Allowed IP addresses/Domains	Edit 
<input type="checkbox"/>	172.17.54.12	

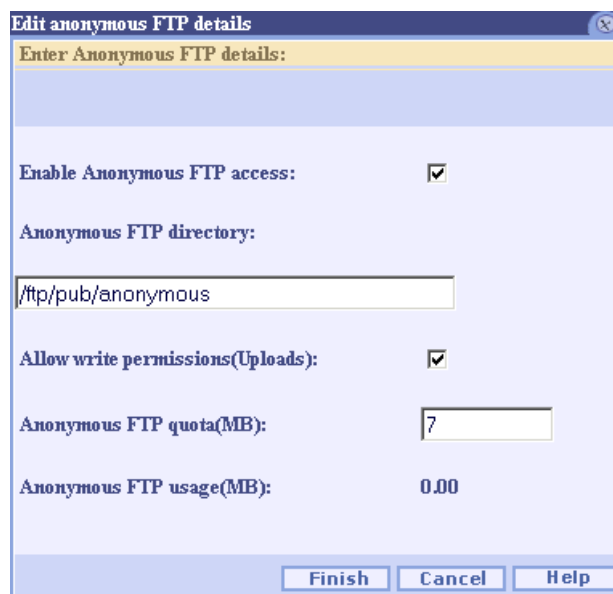
- Relaying is enabled from/to all domains/IP addresses listed in table.

Anonymous FTP

Anonymous FTP account can only be activated on an account with a proprietary IP address. Anonymous FTP access is a Web standard for publishing FTP files to the world wide web. Anyone may login into this FTP account and download/upload files. User name may be either 'anonymous' or 'ftp'. Leave the password field empty or enter any string.

To define the anonymous FTP account settings:

- Click the **Edit** button.
- You will be prompted to a wizard screen.
- Select the **Enable Anonymous FTP access** checkbox to activate anonymous FTP account.
- Enter a directory for the anonymous FTP account or leave the default setting.
- You can enable anonymous FTP user to upload files by selecting the **Allow write permissions (Uploads)** checkbox.
- Enter the amount of MB that anonymous FTP user can upload in the **Anonymous FTP quota (MB)** field.
- Click **Finish**.



Edit anonymous FTP details

Enter Anonymous FTP details:

Enable Anonymous FTP access:

Anonymous FTP directory:

Allow write permissions(Uploads):

Anonymous FTP quota(MB):

Anonymous FTP usage(MB): 0.00

Finish Cancel Help

- Anonymous FTP account settings appear in details pane.

Parameter	Value
Enable Anonymous FTP access	Enabled
Anonymous FTP directory	/ftp/pub/anonymous
Anonymous FTP write (Uploads)	Enabled
Anonymous FTP quota(MB)	7
Anonymous FTP usage(MB)	0.00

Settings

Settings tab enables you to configure the parameters of outgoing email messages for account users

- **Maximum number of recipients:** Define the maximum number of email recipients for an email message. This setting assists in preventing spamming. To define this setting, enter the maximum number of recipients in the **Maximum number of recipients** field and click **Update** button. Entering zero is the same as entering an unlimited number of recipients.

Maximum number of recipients

Define maximum number of recipients for outgoing email messages [Update](#)

- **Maximum content length:** Define the maximum size of an email message. To define this setting, enter the maximum size in the **Maximum content length** field and click **Update** button. Entering zero is the same as entering an unlimited length for an email message.

Maximum content length

Maximum content length for incoming and outgoing email messages (KB) [Update](#)

- **Outgoing mail server:** This feature is available only if you are utilizing a name based account. Select to Enable/disable the site's mail server as outgoing mail server. If you are using an external mail server then all of the definitions in the **Mail Authorization** tab are not relevant.

Site Management Utilities

Utilities

'Utilities' tab enables you to do the following:

- Backup and restore the account's files and directories.
- Maintain and modify account's files and sub directories.

Backup and Restore

Backup and restore: Backup site files and directories on a separate storage device. Restore the site's files and directories to your account.

To backup:

- Select the **Backup files and directories** radio button to backup account's files and directories.
- Click **Login** button.
- You will be prompted to reenter your user name and password.
- Enter title for backup file in the **Backup Title** field and select files to back up.

Select data type:

Backup Title:

All files

Email mailboxes only

Content files only

Virtual user (FTP + Email):

Directory:

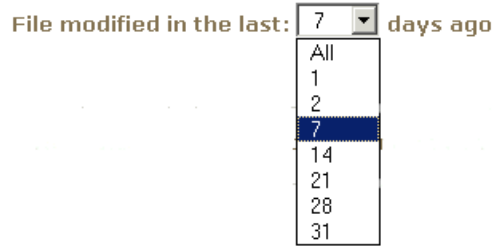
- Protect the backup files with a password in the **Protect backup with password** section.

Protect backup with password:

Password:

Retype:

- Select to backup only the files that have been modified in that last 1, 2,7,14, 21, 28 or 31 days. Conversely, you can select **All** to backup all files.



- Click the **Recalculate** button in order to find out the size of backup before compression.
- Click the **Start Backup** button. You will be prompted to select a folder in which backup file will be downloaded.
- File's extension is **.tgz** and it can be opened with any popular compression utility (For example Winzip®).

Note: It is impossible to restore files with WRITE or EXECUTE permissions.

To restore:


- Select the **Restore files and directories** radio button to backup account's files and directories.
- Click **Login** button.
- Select back up file to restore and enter password that has been entered during backup of file. Click **Next**.

Backup Name	Backup File	Backup Type	Modified	Date of creation	Size (Kb) Before compression
backup12_01	VDSBACKUP-superlotto-2001-12-18-14-01.tgz	All files	All days ago	2001/12/18, 14:01	438

Enter password for selected backup file

Password:


Retype:


- Select the directories that will be restored and click the  button. Click **Next**.

List view: Directory view

Location: /Root/

<input checked="" type="checkbox"/>	Name	Size	L. Modified
<input type="checkbox"/>	etc/	Dir	
<input type="checkbox"/>	ftp/	Dir	2001/11/17 17:3
<input type="checkbox"/>	include/	Dir	2001/11/17 17:3
<input type="checkbox"/>	usr/	Dir	2001/11/17 17:3
<input type="checkbox"/>	var/	Dir	2001/11/17 17:3





List view: Directory view

Location: /Root/

<input checked="" type="checkbox"/>	Name	Size	L. Modified
<input type="checkbox"/>	var/	Dir	2001/11/17 17:3

- Click **Browse** button and select backup file. Click **Restore** button.

C:\Documents and Setti Browse...

Note: The restore operation does not change the users or the passwords of the users.

The following files are not restored by the restore operation. Instead, their content is restored in the following files:

Original File	Restored File
/etc/passwd	/etc/.passwd
/etc/shadow	/etc/.shadow
/usr/local/apache/.htpasswd	/usr/local/apache/..htpasswd

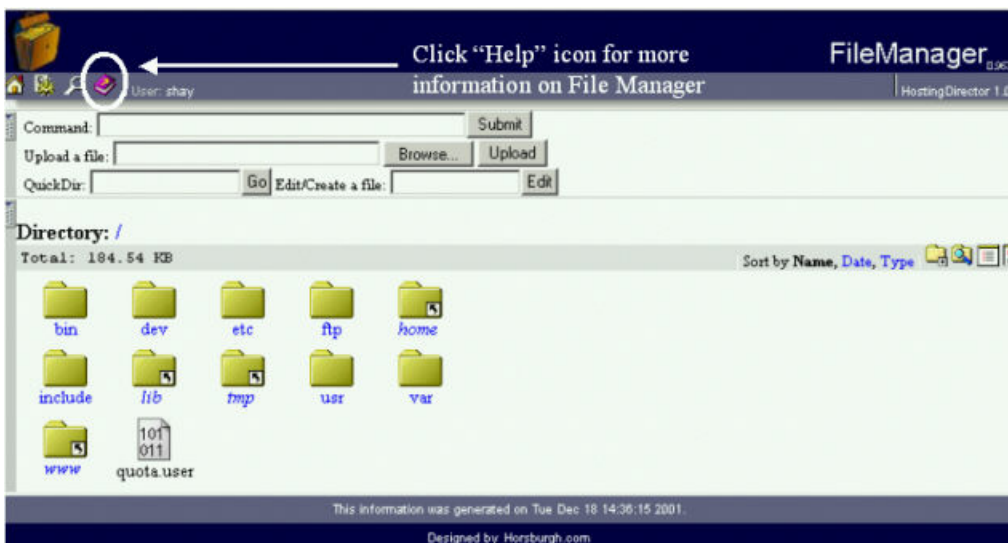
If you would like to change user's login information, then you can copy the data from the relevant restored file. If you would like to restore the site owner password, then you should use the control panel for performing this operation.

File Manager

File manager enables you to maintain and modify files and subdirectories. You can also enable/disable access to your files.

To utilize File Manager:

- Click **Login** button in **File Manager** section.
- You will be prompted to reenter your user name and password.
- File Manager will be displayed on a separate browser window.
- For more information about utilizing file manager, you can access the help files of this application.



- To logout of file manager, close browser window.

Settings

View and configure your site parameters:

- **Restart VDS:** Reboot your account. This process may take up to a few minutes. Warning! During the restart process, account's services will be down. To restart account click **Restart** button.
- **Remote access:** SSH and Telnet access to account. This section displays whether this access is enabled or disabled. Contact your hosting provider to change this setting.
- **Quota Alerts:** Account user receives alerts on quota use when **Enable Quota Alerts** button appears. Alerts are sent to the email address that you have entered in the **Contacts** tab. Alerts are sent on the following:
 - Ninety percent of the disk/file quota has been reached.
 - Watchdog did not succeed in starting the HTTP process.
 - Site exceeded its HTTP Max accounts (virtual hosts quota).
 - System files that have been modified.
 - 90% of bandwidth quota has been reached.

Messages are sent every 12 hours at 10:00 and 22:00 (10:00 AM and 10:00PM).

To stop receiving alerts click the **Enable Quota Alerts** button. Note that this feature may be disabled by the hosting provider.

- **Apache Watchdog:** HostingDirector enables you to use the Watchdog option on account. When enabled, the Watchdog checks whether the site is up every 30 seconds (default). If the site is down it will restart the HTTP process for the account, enabling the site to be up and running again. To stop this option click on **Turn Off Monitoring** button. To restart this option click on **Turn On Monitoring** button.

Apache Watchdog

Watchdog monitoring is off. [Turn On Monitoring](#)

- **Enter New Password:** Enter new password for account. Password should be 6 - 8 characters long. Only printable ASCII characters are valid. Click **Update** button.
Password will be activated in next login.

Enter New Password

Password should be 6 - 8 characters long. Only printable ASCII characters are valid.

New Password:

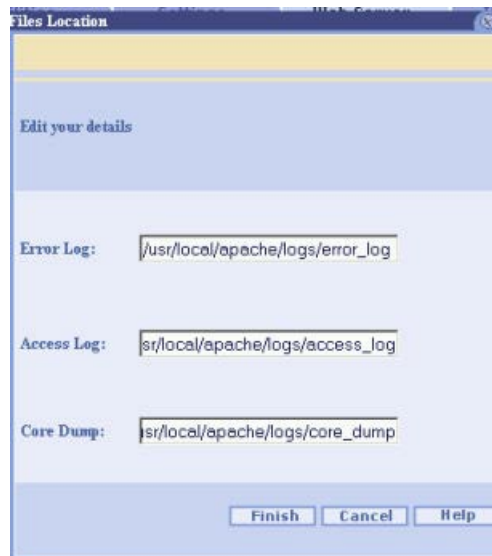
Retype Password:

[Update](#)

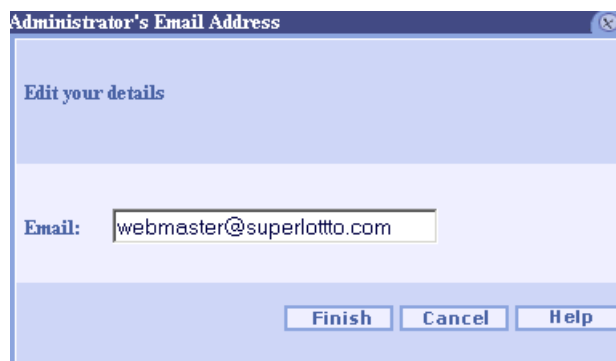
Web Server

Web server tab is divided into two sections:

- **Files Location:** Paths of error, access, and core dump files
To change the paths click the **Edit** button.
- Enter the file paths in the wizard screen and click **Finish**.



- **Administrator's Email Address:** Email address of site owner/administrator. It is important to update this address. This email address will appear in cases where there is a CGI error in a specific script.
To change address click the **Edit** button.
 - Enter the email address in the wizard screen and click **Finish**.



IP Filtering


IP filtering enables you to control access to a specific account by permitting or denying access according to IP address and therefore provides the functionality of a personal firewall. You can restrict an IP address to all services of an account or to a specific service (HTTP, FTP, SMTP, POP). The following guidelines apply to all IP filtering rules:

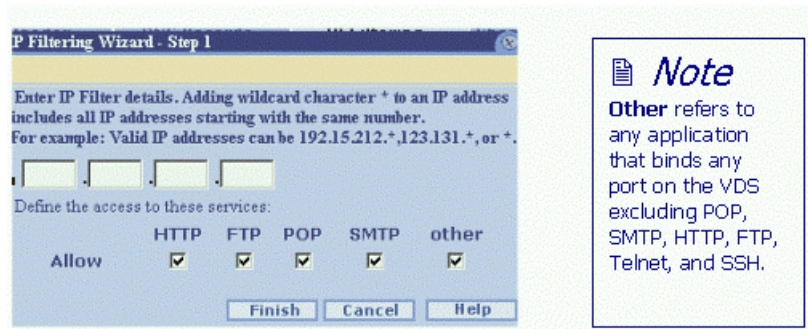
- When creating a rule that has one or more exceptions, it is necessary to create the exceptions first and then the general rule. For example, if you wish to create a rule that will allow HTTP service to all IP addresses that begin with 172, excluding 172.5.4.3, then first create the rule that denies service to the specific address and finally create the general rule for all IP addresses that begin with 172.

We will proceed to add the following rule:

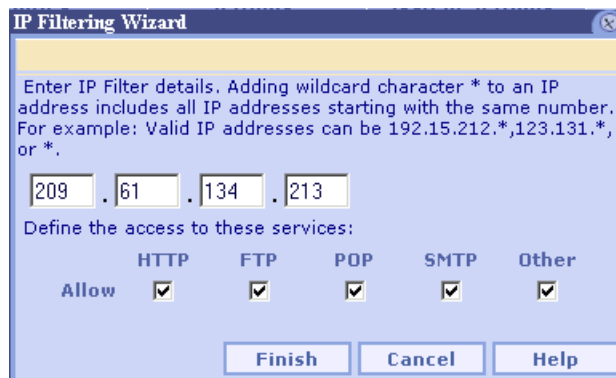
- Any IP address that begins with 209. will not be allowed access to the account unless it is the IP address 209.61.134.213. This rule will be implemented to all account services.

Note that the wild card character * can be used in an IP filtering rule. For example, 225.* is a valid filtering rule. * must appear as the last character of address. 225.*.8 is not a valid IP filtering rule.

To add an IP filtering rule click on the  button. The following screen appears:

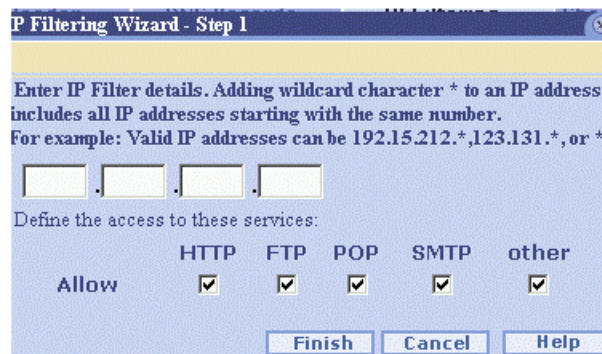


We will first create the exception to this rule: IP address 209.15.144.241 will be allowed access. Enter **209.61.134.213** in the IP address field. Select the Allow checkboxes for all services:

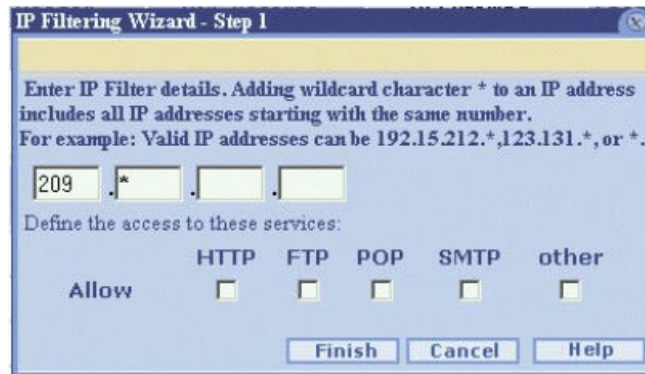


Click **Finish**.

Click on the  button. The following screen appears:



Enter **209.*** in the IP address field. Clear the **Allow** checkboxes for all services:



Click **Finish**.

The new rule appears in the **IP Filtering** tab.

Through this process we have demonstrated how to implement an IP filtering rule to your Website. You can add as many rules to a specific service or all services, as long as the rules do not contradict one another.

Note that the telnet service is NOT influenced by any IP filter rule.

ValueApps

Introduction



ValueApps are software components that are installed to give the site additional functionality. Some ValueApps can only be installed on the site. For example, FrontPage® extensions. Other ValueApps can be installed more than once (several instances of the same ValueApp). For example, Apache error messages.

To add a ValueApp:

1. Click on the desired ValueApp tab. Each tab includes a specific category of ValueApp. The list of ValueApps is growing steadily, with current applications falling into the following six categories:
 - a. **Web Applications:** Applications that enhance usability of Website viewer.
 - b. **Web Development:** Applications for generating and creating server side scripts and utilities
 - c. **Streaming:** Streaming media applications.
 - d. **Collaboration:** Applications that provide interactive functionality with Website viewers.
 - e. **Database applications:** Database applications that can be connected to Website.
 - f. **E-commerce:** Applications for account owners that sell products or services through Website.
2. Click on the ValueApp you wish to add to your Website. Depending on the type of ValueApp you are installing, further details may be required. Click **Finish** once you have entered all of the required additional details. The newly installed ValueApp appears in the **Installed ValueApps** list.

ValueApps Quotas

This table specifies the needed quota for each installed ValueApp on your site:

<u>ValueApp</u>	<u>Quota</u>	<u>Dependencies</u>
Apache Error Message	File Quota=0 Disk Quota=0 MB	None
Auto Responder	File Quota=2 files Disk Quota=0 KB	Python
Bulletin Board	File Quota=39 files Disk Quota=32 KB	Perl
Chili!Soft Server	File Quota=19 files Disk Quota=28 KB	None
ColdFusion Client	File Quota=5 files Disk Quota=2 KB	None
ColdFusion MX Client	File Quota=3 files Disk Quota=2 KB	None
Credit Card PHP	File Quota=3 files Disk Quota=2 KB	Mod PHP
Darwin Stream Server	File Quota=11 files Disk Quota=86 KB	None
EveryAuction	File Quota=9 files Disk Quota=9 KB	Perl
Free Merchant	File Quota=94 files Disk Quota=89 KB	Perl
FrontPage Extensions 2002	File Quota=280 files Disk Quota=1.18MB	None
GuestBook	File Quota=31 files Disk Quota=14 KB	Mod PHP
IMP	File Quota=85 files Disk Quota=45 KB	MySQL Mod PHP
Java Runtime Env.	File Quota=0 files Disk Quota=0 KB	None
Java Runtime Env. 1.4	File Quota=0 files Disk Quota=0 KB	None
Mail Form	File Quota=4 files Disk Quota=1 KB	Python
Majordomo	File Quota=109 files Disk Quota=6 KB	Perl
Majordomo List	File Quota=3 files Disk Quota=3 KB	Majordomo
Miva Empresa	File Quota=11 files Disk Quota=83 KB	None

Miva Empresa 4	File Quota= 2 files Disk Quota= 1 KB	None
Miva Merchant	File Quota=357 files Disk Quota=7.1 MB	Miva Empresa
Miva Merchant 4	File Quota=356 files Disk Quota=9.01 MB	Miva Empresa 4
Mod Perl	File Quota=5 files Disk Quota=0 KB	Perl
Mod PHP	File Quota=3 files Disk Quota=1 KB	None
MySQL Data Base	File Quota=28 files Disk Quota=16 KB	None
Neo Mail	File Quota=404 files Disk Quota=1.8 MB	Perl
Open SSL	File Quota=12 files Disk Quota=4 KB	None
Perl	File Quota=200 files Disk Quota=2 MB	None
Perl-MySQL	File Quota=2 files Disk Quota=1 KB	Perl
PHPAdsNew	File Quota=105 files Disk Quota=56 KB	Mod PHP MY SQL
PHPMyAdmin	File Quota=61 files Disk Quota=40 KB	Mod PHP
PostGreSQL	File Quota=235 files Disk Quota=20.6 MB	None
Python	File Quota=0 files Disk Quota=0 KB	None
Real Server	File Quota=1 files Disk Quota=0 KB	None
Second Saver	File Quota=15 files Disk Quota=17 KB	Perl
Site Search	File Quota=2 files Disk Quota=4 KB	Mod PHP
Urchin	File Quota=160 files Disk Quota=2.7 MB	None
Urchin 4	File Quota=25 files Disk Quota=0.1 MB	None
VeriSign SSL	File Quota=7 files Disk Quota=7 KB	None
WebPassword	File Quota=5 files Disk Quota=2 KB	None
Webalizer	File Quota=4 files Disk Quota=3 KB	None

Web Applications

WebPasswords: Create, delete and manage password based Web directories. Useful in controlling Web directories for privileged customers and employees.

Urchin® : Urchin 3 is an extremely high-performance Website/Web server visitor analysis and reporting system that tells you everything you need to know about the traffic to your site and server. Urchin 4 is also available as a ValueApp. For more information enter to <http://www.urchin.com/>

Site Search: Site Search ValueApp allows you to integrate a keyword search program into your site so that users can search specified text and HTML documents. It then returns a list of filenames that matched the specified keyword(s). Requires mod_PHP ValueApp. You can install only one instance of this ValueApp.

Banner Management ValueApp: phpAdsNew is a banner management and tracking system written in PHP. Currently it can manage multiple banners (any size) per client, view daily, overall and summary statistics and send statistics to clients via email. It stores all the data in a MySQL database. Requires mod_PHP and MySQL ValueApps. You can install only one instance of this ValueApp. For more information enter to <http://VDS-IP/plugins/phpAdsNew/Documentation.html>

Apache Error Message: Display a response of your choice as an alternative to conventional error messages such as " Error 404 ". Enables you to display a custom text message or web page. For more information enter to <http://www.apache.org/>

Webalizer: Analyzes web server data to produce web site usage reports. For example, the Webalizer can create a chart showing the countries from which your site is accessed. Charts can be viewed with a standard web browser. For more information enter to <http://www.webalizer.com/>

Web Development

Java Runtime Environment: Install Sun® Java runtime environment (JRE) 1.2.2. The JRE is the minimum standard Java platform for running Java programs. It contains the Java Virtual Machine (JVM), Java Core Classes and supporting files. Java Runtime Environment 1.40.1 is also available as a ValueApp. For more information enter to <http://java.sun.com/products/>

GNU Compiler Collection: A set of GNU utilities and tools that allow users to compile and install utilities in their sites and particularly CPAN modules into their PERL environment.
For more information enter to <http://www.gnu.org/>

FrontPage® Extensions 2002: A set of programs on a Web server that allow users to author, administer, and browse Microsoft FrontPage® extended Web sites, and to add enhanced functionality such as hit counters, search forms, and discussion webs to their sites. For more information enter to <http://www.microsoft.com/frontpage/>

PERL: Script language of choice for Web developers. Libraries for PERL exist for several platforms and PERL's speed and flexibility make it well suited for form processing and on-the-fly web page creation. For more information enter to <http://www.perl.com/>

Python: A popular server side scripting language. Python is used in many situations where a great deal of dynamism, ease of use, power, and flexibility are required. For more information enter to <http://www.python.org/>

Mod_PERL: This technology gives enhanced speed to the PERL scripts by combining PERL programming language and the power of the Apache HTTP server. Mod_PERL enables to write Apache modules entirely in PERL. Requires PERL ValueApp. For more information enter to <http://perl.apache.org/>

Mod_PHP: A technology combining the power of PHP scripts and the Apache HTTP server. Enables the writing of Apache pages entirely in PHP, thus enabling PHP code to be inserted directly alongside HTML. For more information enter to <http://www.php.net/>

Chili!Soft®: Enables a Microsoft® Active Server Pages (ASP) Internet development environment and has the added ability to work across different platforms. For more information enter to <http://www.chilisoft.com/>

ColdFusion®: The ColdFusion ValueApp consists of the ColdFusion 5.0 Web application server and provides you with a quick way of developing and delivering scalable Web applications. Note that the ColdFusion Shared ValueApp must be installed on the Server prior to installing this ValueApp on a specific VDS. ColdFusion MX is also available as a ValueApp. For more information enter to <http://www.macromedia.com/>

Streaming

Darwin®: Enable any VDS to send streaming QuickTime® data using RTP and RTSP protocols. Available on Linux Servers only. For more information enter to <http://www.publicsource.apple.com/projects/streaming/>

Real Server: Streaming realplayer® compatible media files across an intranet or the Internet. Note that the Real Server Shared ValueApp must be installed on the Server prior to installing this ValueApp on a specific VDS. For more information enter to <http://www.real.com/>

Collaboration

Guestbook: Filebased Guestbook ValueApp is a powerful, multi language PHP based guest book in English, German and other languages. Create a Web page where users can leave their contact information and comments. An administrator's module enables you to modify and configure the guest book. Requires mod_PHP ValueApp.

Majordomo: Automates management of Internet mailing lists. Commands are sent to Majordomo via electronic mail to handle all aspects of list maintenance (viewing, subscribing, etc.). For more information, enter to <http://www.greatcircle.com/majordomo/>

Majordomo List: Automatically add and configure a distribution list. Requires Majordomo ValueApp. For more information enter to <http://www.greatcircle.com/majordomo/>

IMP: Allow your users to connect to a Web mail interface, enabling them to send and receive email without the need to configure an email client. Requires MySQL and mod_PHP ValueApps.

Second Saver: The SecondSaver is full-featured Web calendar. SecondSaver can create, manage and send schedules via e-mail to all subscribed users. For more information enter to <http://www.secondsaver.com/>

Mail Form: Creates an HTML mail form in which users can enter their comments and personal details. Data entered by users is then redirected to an email address of your choice. Requires Python ValueApp.

NeoMail: Web based mail reader with advanced features such as sending/receiving messages with multiple attachments and an inline image attachment display. For more information enter to <http://neomail.sourceforge.net/>

Bulletin Board: Set up an electronic messaging system allowing users to exchange information, questions and announcements related to your site. Once you install the bulletin board, you can customize and administrate it through a standard web browser. Customization includes many features such as discussion topics, user registration, and censored words. Requires PERL ValueApp. For more information enter to <http://www.worldwidemart.com/scripts/>

Auto Responder: Automatically replies to emails. Enter a message and an email address of your choice. Your message will be automatically sent to anyone who sends emails to this selected address. If you would like to provide an Auto Responder feature to your email/FTP account users then you must install this ValueApp.

E-Commerce

EveryAuction®: The auction package allows the setting up of an online auction site. EveryAuction lets you set up a site where buyers and sellers come together to create the online auction experience. Requires PERL ValueApp. For more information enter to <http://www.everysoft.com/auction/>

Freeware Merchant®: A shopping system that covers all the needs for e-commerce enabled web sites. Features include a fully functional shopping cart, web based catalog administration, order administration, and user management. For more information enter to <http://www.merchant-store.com>

Miva Empresa®: Enables the server with XML based Miva Script, commerce processing and database. Miva Script applications running under Miva Empresa execute in a sandboxed data and runtime environment. Miva Empresa 4 is also available as a ValueApp. For more information enter to <http://www.miva.com/>

Miva Merchant®: Miva Merchant is a browser-based Storefront Development and Management System. It integrates cataloging, product, fulfillment, maintenance, category management, shopping basket, order and credit card processing. Miva Merchant 4 is also available as a ValueApp. Requires Miva Empresa ValueApp. For more information enter to <http://www.miva.com/>

Open SSL: This SSL module allows you to equip your Web site with secure Internet transaction capability. It gives you and your customers peace of mind when conducting commerce over the Web. For more information enter to <http://www.openssl.org/> and also to <http://www.modssl.org/>.

VeriSign® Certificate: VeriSign's Website digital certificates authenticate intranet, extranet, and e-commerce sites, enabling encrypted transactions and communications between browsers and servers across the Internet. For more information enter to <http://www.verisign.com/>

Credit Card Verification: Verify credit card numbers based on the mod 10 algorithm. Enables authentication by the credit card digit combination. Confirms the validity and type of credit cards for Visa®, MasterCard®, and American Express® card numbers. Requires mod_PHP ValueApp. You can install only one instance of this ValueApp.

Shared SSL Client: This shared SSL module also allows you to equip your site with secure Internet transaction capability. It gives you and your customers peace of mind when conducting commerce over the Web.

Database

MySQL: An SQL-interpreting database client/server primarily geared for UNIX systems but maintained for Windows platforms as well. MySQL allows efficient integration with third-party tools, such as PHP and PERL, enabling you to generate dynamic Web pages through database queries.

The MySQL installation directory is **/usr/local/mysql**. For more information enter to <http://www.mysql.com/>

PERL MySQL Libs: Installs the PERL libraries needed to connect to the MySQL database, thus enabling one to generate dynamic web pages through database queries. For more information enter to <http://www.cpan.org/>

PHPMyAdmin: phpMyAdmin is intended to handle the administration of MySQL over the Web. For more information enter to <http://www.phpwizard.net/projects/phpMyAdmin/>

PostgreSQL: PostgreSQL is a sophisticated Object-Relational DBMS, supporting almost all SQL constructs, including sub-selects, transactions, and user-defined types and functions. For more information enter to <http://www.postgresql.org/>

Installation Guidelines

Introduction -ValueApp Guidelines

Some ValueApps require additional instructions and/or filling in proprietary fields upon installation. The pages below include guidelines for installation of these ValueApps.

Apache Error Message

- **Apache Error:** Select an error.
A message of your choice will be displayed when this error occurs.
- **URL or Message:** Enter the URL or message to display when the selected error occurs.

For more information enter to <http://www.apache.org/>

Auto Responder

- **User name:** Select the user accounts that shall utilize the Auto Responder

Bulletin Board

Requires PERL ValueApp.

- **Bulletin Board Name:** Enter the bulletin board name. This name will distinguish this bulletin board from other bulletin boards. The bulletin board name should be a unique combination of up to 8 lowercase letters and digits, beginning with a letter.
- **Admin password:** Enter a bulletin board administrator password.
- **Administrator Name:** Enter a bulletin board administrator username. The administrator can run the bulletin board through a standard browser.
- **Administrator Email:** Enter the bulletin board administrator email. This email is needed to create the board administrator user account.

For more information enter to <http://www.worldwidemart.com/scripts/>

Credit Card Verifier

Credit Card Verifier

Verify credit card numbers based on the mod 10 algorithm. Enables authentication by the credit card digit combination. Confirms the validity and type of credit cards for Visa®, MasterCard®, and American Express® card numbers. Requires mod_PHP ValueApp. You can install only one instance of this ValueApp.

After installation, you can test the ValueApp in the following Web page:

http://<Account_IP_Address>/plugins/CreditCardPHP/CreditCardPHP/ccexample.php

Darwin

- **Maximum Connections:** Maximum number of concurrent connections allowed by the server.
- **Movies Path:** The path to the root folder for movies.
- **Enable Error Logging:** This toggles error logging on and off.
- **Enable Access Logging:** This toggles access logging on and off.
- **Maximum Bandwidth:** Maximum amount of bandwidth the server is allowed to serve. Value is in kilobits/sec. While this limit is exceeded, new client requests for additional streams will be responded to with the RTSP error 453, "Not Enough Bandwidth"

After installation, you will be prompted to a link that has the following properties:

rtsp://Your Site IP:7071/sample.mov

If you have **Real Player** installed on your client, then the sample movie shall be automatically opened by Real player program and will not recognize movie's format.

Therefore, this link **must** be opened by **QuickTime** player.

For more information enter to

<http://www.publicsource.apple.com/projects/streaming/>

EveryAuction

Requires PERL ValueApp.

- **Auction Name:** Enter Auction Name
- **Administrator Email:** Enter Administrator's Email
- **New Password:** Enter Administrator password.
- **Retype Password:** Reenter password.

For more information enter to <http://www.everysoft.com/auction/>

Filebased Guestbook ValueApp

Filebased Guestbook ValueApp is a powerful, multi language PHP based guest book in English, German and other languages. Create a Web page where users can leave their contact information and comments. An administrator's module enables you to modify and configure the guest book. Requires mod_PHP ValueApp.

Choose user name for the Guest Book administrative page and name of this ValueApp instance.

User Name: User name for the Guest Book administrator.

Enter password for the Guest Book administrative page: This password will be used for authentication of the VDS user on the Guest Book administrative page: Passwords should be 6 - 8 characters long. Valid characters are only printable ASCII characters.

New Password: Enter password for administration

Retype Password: Repeat password for verification.

The ValueApp administrative panel appears in the following Web page:

http://<Site_IP_Address>/plugins/GuestBooks/<_plugin_name>/index.html

Freeware Merchant

- **Merchant Name:** Enter the Merchant ValueApp name. The Merchant name should be a unique combination of up to 8 lowercase letters and digits, beginning with a letter.
- **Username:** Enter a username for the Merchant ValueApp.

- **Password:** Password should be 6 - 8 characters long. Valid characters are only printable ASCII characters.
- **Sales Tax:** Enter local sales tax here. Must be entered in the following input mask:: .##
For example: for 7 percent enter .07 .
- **State Sales Tax:** Select the State whose customers will incur tax.
- **Cost of Shipping:** Shipping price is calculated as percentage of total order. Must be entered in the following input mask:: .##
For example: for 7 percent enter .07
- **Send Order:** Do you wish to have orders e-mailed to you?
- **Order Email:** Enter the e-mail address where you'd like the orders sent.
- **Save to Log:** Save transactions into a log file.
- **Administrator Email:** Enter the e-mail address of your webmaster or administrator here (In case of an error).
- **Domain Cookies:** Cookie domain sets the domain name associated with the cookie. It needs to be in this exact form. Ex: .merchant-store.com

For more information enter to <http://www.merchant-store.com>

FrontPage Extensions

- **Admin Username:** Enter an administrator name.
- **Language:** Select language.
- **Character Set:** Select a character set.
- **New Password:** Enter administrator password
- **Retype Password:** Reenter password

For further information go to:

<http://www.microsoft.com/frontpage/>

<http://www.rtr.com/fpsupport/>

GNU Compiler Collection

A set of GNU utilities and tools that allow users to compile and install utilities in their sites and particularly CPAN modules into their PERL environment.

This ValueApp installs the files that are part of the following RPMs:

```

cpp
binutils
glibc-devel
gcc
gcc-c++
libstdc++
libstdc++-devel
autoconf

```

automake
libtool
kernel-headers
bzip2
bzip2-libs
bzip2-devel
zlib-devel
gd
gd-devel
libpng
libpng-devel
libjpeg
libjpeg-devel
freetype
freetype-devel
openssl
openssl-devel

By using these RPMs, you will be able to create and install additional CPAN modules, as described in: <http://www.cpan.org/modules/INSTALL.html>
Click Finish button to complete installation of ValueApp.
For more information enter to <http://www.gnu.org/>

Mail Form

Requires Python ValueApp

- **Mail Form Name:** Enter the mail form name. This name will distinguish this mail form from other mail forms. The name should be a unique combination of up to 8 lowercase letters and digits, beginning with a letter.
- **Recipient's Email:** Enter an existing user email address. Messages from this mail form will be sent to this address.

Majordomo List

- **Mail List Name:** Enter the mailing list name.
- **Description:** Enter the mailing list description.
- **Password:** Password should be 6 - 8 characters long. Valid characters are only printable ASCII characters.
- **Moderated List:** If selected, all postings to the mail list will be bounced to the moderator for approval.
Subscribe Policy: "Open" allows people to subscribe without moderators approval.
"Auto" enables any person to subscribe any other person to the list.
"Closed" requires moderator to approve any addition to the list.
Adding '+Confirm', sends confirmation email to the subscriber, which he/she must reply.

- **Unsubscribe Policy:** "Open" allows people to unsubscribe without moderators approval.
"Auto" enables any person to unsubscribe any other person to the list.
"Closed" requires moderator to approve any deletion from the list.
Adding '+Confirm', sends confirmation email to the subscriber, which he/she must reply.
- **Get Access:** "Get" command enables access to files.
"Open" enables anyone access to the "Get" command.
"Close" completely disables the "Get" command.
"List" enables only distribution list members access to "Get" command.
- **Index Access:** "Index" command enables access to file names associated with specific majordomo distribution list.
"Open" enables anyone access to the "Index" command.
"Close" completely disables the "Index" command.
"List" enables only distribution list members access to "Index" command.
- **Info Access:** "Info" command enables access to the distribution list description.
"Open" enables anyone access to the "Info" command.
"Close" completely disables the "Info" command.
"List" enables only distribution list members access to "Info" command.
- **Intro Access:** "Intro" command enables access to the Majordomo help files.
"Open" enables anyone access to the "Get" command.
"Close" completely disables the "Get" command.
"List" enables only distribution list members access to "Get" command.
- **Which Access:** "Which" command enables access to queries on distribution list.
"Open" enables anyone access to the "Get" command.
"Close" completely disables the "Get" command.
"List" enables only distribution list members access to "Get" command.
- **Who Access:** "Who" command enables access to personal details on members of distribution list.
"Open" enables anyone access to the "Who" command.
"Close" completely disables the "Who" command.
"List" enables only distribution list members access to "Who" command.

For more information enter to <http://www.greatcircle.com/majordomo/>

MySQL

TCP/IP Connection: Enable or disable the remote TCP/IP connection. Be aware that by enabling this connection, you allow any Internet user to connect to the database.

Password: Enter administration password (See note on password that must be entered). Passwords should be 6 - 8 characters long. Valid characters are only printable ASCII characters. Retype Password.

Note: The name of the default user for this ValueApp is root. Enter password that will be used for root user Password field. In addition, permissions are provided for the following: root@<IP address of account>, root@<domain name of account> with the default password from the MySQL installation.

The default directory structure and files are the same as in any standard Red Hat® RPM

Database tables that are added:

The standard MySQL database table: **mysql.test** (default maintenance table).

The **spheradb** table which is an empty storage table for testing the connection to database.

Allowed hosts are: localhost, IP address of account, domain name of account. If you have a DCON (DedicatedConsole account) then 'root' host ('host name' of the server) is also an allowed host.

For more information enter to <http://www.mysql.com/>

Neomail

- **Language:** Set default preferences and limitations
- **Max Address Book Size:** This is the maximum size(In kilobytes) that a user's address book can grow to. This avoids a user filling up your server's hard drive space by spamming garbage address book entries.
- **Folder Quota:** Once a user's saved email messages spools meet or exceed this size (in KB), no future messages will be able to be sent to any folder other than TRASH, where they will be immediately deleted, until space is freed.
- **Attachment Limit:** This is the limit on the size of attachments (in MB). Large attachments can significantly drain a server's resources during the encoding process. Note that this affects outgoing attachment size only, and will not prevent users from receiving messages with large attachments.
- **Session Timeout:** This indicates how many minutes of inactivity pass before a session is considered timed out and the user needs to log in again. Make sure this is big enough that a user typing a long message won't get logged out automatically while typing!
- **Number of Headers:** This indicates the maximum number of headers to display to a user at a time.
Keep this number reasonable to ensure fast load times for slow connection users.

This ValueApp's login screen has a user ID field. You can enter any valid VDS account user name and passwords.

For more information enter to <http://neomail.sourceforge.net/>

Open SSL

- **'server.key' Location:** Enter the location to store the 'server.key' file, which is the private key for your site.
- **'server.crt' Location:** Enter the location to store the 'server.crt' file, which is the public key, signed by CA. The current 'server.crt' generated file will be signed by a temporary CA and is NOT recommended for real usage. You should replace it with a true signed certificate.
- **'server.csr' Location:** Enter the location to store the 'server.csr' file, which is the Certificate Signing Request (CSR). You should send this CSR file to a Certificate Authority (CA) to be converted into a real Certificate (server.crt).
- **Country Code:** Country code for your country - this code is a two letter code representing your country.
- **State or Province Name:** The State or the Province of your company.
- **City Name:** The city name of your company.
- **Organization Name:** The name of your organization.
- **Organizational Unit Name:** Unit inside the organization. Usually a specific department.
- **Fully Qualified Domain Name:** A certificate will be issued for the domain name that is entered.
- **Email Address:** The contact email address.

For more information enter to <http://www.openssl.org/> and also to <http://www.modssl.org/>

PERL

The following CPAN modules are installed by default when you install Perl ValueApp:

- CPAN
- Digest::MD5
- HTML::Parser
- HTML::Tagset
- IO::Socket::SSL
- MD5
- MIME::Base64
- NKF
- Net

- Net::PH
- Net::Ping
- Net::SNPP
- Net::SSLLeay
- Net::Telnet
- Net::XWhois
- Test::Harness
- Test::Simple
- URI
- libwww-perl

Click **Finish** to install ValueApp.

If you would like to install additional CPAN modules, you should install the GNU Compiler Collection ValueApp, and follow the instructions in <http://www.cpan.org/modules/INSTALL.html>

For more information enter to <http://www.perl.com/>

phpAdsNew

phpAdsNew is a banner management and tracking system written in PHP. Currently it can manage multiple banners (any size) per client, view daily, overall and summary statistics and send statistics to clients via email. It stores all the data in a MySQL database. Requires mod_PHP and MySQL ValueApps. You can install only one instance of this ValueApp.

Enter user name and password for this ValueApp's administrative page: The use name and password will be used for authentication of the VDS user on the administrator page. Enter only the printable ASCII characters. The page will be in the following link:

http://<VDS_IP_Address>/plugins/phpAdsNew/admin.php

- **Administrator Username:** User name for administration (Must contain only printable ASCII characters).
- **New Password:** Enter password for administration
- **Retype Password:** Repeat password for verification.

Enter administrator's full name, e-mail address, and company name: Valid characters are only the printable ASCII characters.

- **Administrator Full Name:** Enter full name of administrator (Must contain only printable ASCII characters).
- **Administrator e-mail:** Administrator's e-mail address. Must be a valid e-mail address.
- **Company Name:** Company name (Must contain only printable ASCII characters).

Administrator's Web page can be found at the following link:

http://<VDS_IP>/plugins/phpAdsNew/index.php

PostgreSQL

TCP/IP Connection: Enable or disable the remote TCP/IP connection. Be aware that by enabling this connection, you allow any Internet user to connect to the database.

Password: Enter administration password. Passwords should be 6 - 8 characters long.

Valid characters are only printable ASCII characters (It is not recommended to create a password that contains the space character since this will cause difficulties in connecting to database).

For more information enter to <http://www.postgresql.org/>

Second Saver

- **Administrator name:** Enter the name of ValueApp administrator
- **Password:** Enter the password of ValueApp administrator. Password should be 6 - 8 characters long.
Valid characters are only printable ASCII characters.
- **Administrator e-mail:** Enter the email address of ValueApp administrator
- **E-mail from:** Enter the email address of sender. This information will be displayed in each From field of each email message.
- **Help email:** Enter the email address for users to obtain assistance.

Instructions:

- a. Make sure you add a regular user via the Main Information form before entering to Second Saver. Click the right Link under this ValueApp in order to be prompted to this form.
- b. Enter with regular user details via the left Link.

For more information enter to <http://www.secondsaver.com/>

Shared SSL Client

This shared SSL module also allows you to equip your site with secure Internet transaction capability. It gives you and your customers peace of mind when conducting commerce over the Web.

- The Shared SSL ValueApp is applicable only to the main domain name of your site. The domain name of the Shared SSL server is located in /etc/sphera_ssl_proxy file of your account. It is recommended to retrieve the content of this file via a CGI script to enable automatic updating of Shared SSL server's domain. After you have installed the ValueApp, click on the Link label in order to retrieve the prefix that should be used for secured pages (Located next to the domain name under the Shared SSL Client).

- In order to start working in secure mode, you should create a URL with the following format:
`https://<shared-domain>/ssl.<your-domain>/<file>`
 - "shared-domain" is the domain that serves as the shared SSL server.
 - "your-domain" is the domain of your VDS. Note that you should add "ssl." before the domain name.
 - "file" is the name of the file that you would like to access in a secure mode.
- Once you switched to secure mode, all the URLs in your site would be accessed via the secured connection. Note that even URLs that include a full name (`http://<your-domain>/<file>`) would be accessed via a secured connection.
- When you switch back to a non-secured mode, you should use a URL with the same format as the one that you used for starting the secured mode. The only difference will be that the URL shall initiate with "http" instead of "https".
For example, `http://<shared-domain>/ssl.<your-domain>/file`. Note that you still need to enter the "ssl." prefix to your domain.

Click **Finish** button to complete installation of ValueApp.

Site Search ValueApp

Site Search ValueApp allows you to integrate a keyword search program into your site so that users can search specified text and HTML documents. It then returns a list of filenames that matched the specified keyword(s). Requires mod_PHP ValueApp. You can install only one instance of this ValueApp.

Note that ValueApp cannot find strings with the characters `?, <, >, or =`. Add the list of directories where Site Search will make its search.

- **Directory:** List of directories to be included in the search

Administrator's Web page can be found at the following link:

Link: `http://<VDS_IP>/plugins/SiteSearch/search.php`

Tomcat Standalone 4

Tomcat is the servlet container that is used in the official Reference Implementation for the Java Servlet and JavaServer Pages technologies. The Java Servlet and JavaServer Pages specifications are developed by Sun under the Java Community Process. Tomcat is developed in an open and participatory environment and released under the Apache Software License. Tomcat is intended to be a collaboration of the best-of-breed developers from around the world.

Click **Finish** button to complete installation of ValueApp.

Links for installed ValueApp (These links shall appear when you click on **Link**):

Test : http://<VDS_IP_ADDRESS/Domain>/hw/	Opens a test page from Tomcat
---	-------------------------------

You hosting provider might not provide functionality for these links:

Examples: http://<VDS_IP_or_DOMAIN>/examples/	Example link
Documentation: http://<VDS_IP_or_DOMAIN>/tomcat-docs/	Documentation link
Admin: http://<VDS_IP_or_DOMAIN>/admin/	Administrator's link

For more information enter to <http://jakarta.apache.org/tomcat/>

Urchin 4

Installation of Urchin does not automatically create reports. To enable this feature, the VDS owner must add a profile. In this profile, the log file used to create the reports is selected, and schedule of generating reports is defined. The log rotate feature does not synchronize with Urchin, and therefore the log file Urchin uses to create the report should be at the following path:

/www/log/access_log.*

Urchin will use the current access_log file and any previous file saved and zipped via log_rotate feature.

Note that the default user name for logging in is **admin** and the password is **urchin**

Click **Finish** to install ValueApp.

For more information enter to <http://www.urchin.com/>

VeriSign Certificate

- **Email Address:** Enter email address for administrator of ValueApp.

For more information enter to <http://www.verisign.com/>

Webalizer

Wizard page 1 of 9

Webalizer Name:

Enter name for Webalizer. Name must begin with lowercase letter.

Report Title:

Enter the title to use for the reports.

Ignore History:

This option ignores previous Webalizer analyses.

The Webalizer analyzes your web site as if it is being run for the very first time.

If you select this option then you must enter to VDS via Telnet as VDS owner and delete the file `/www/logs/access_log`.

Afterwards, you must restart the VDS via **Settings** tab in **Site Management**.

GMT Time:

This feature displays timestamps in GMT time.

The default displays timestamps in the time zone of the local machine (i.e. PST).

Visit Timeout:

Enter the number of seconds after which a user visit times out.

In order to prevent the multiple counting of repeat users, the Webalizer will ignore repeat visits within this selected number of seconds.

Graph Lines:

Specify the number of background reference lines to display on the Webalizer graphs.

To disable the use of background lines, enter '0'.

Graph Legend:

This option displays color coded legends on the Webalizer graphs.

Country Graph:

This option creates a graph displaying web site usage by country.

Hourly Stats:

This option creates a statistics table displaying web site usage by hours.

Wizard page 2 of 9

Top Agents:

Enter the number of agent types to display in the 'Top User Agents' table (Browsers are an example of an agent).

Top Countries:

Enter the number of countries to display in the 'Top Countries' table.

Top Referrers:

Enter the number of referrers to display in the 'Top Referrers' table (These are sites that referred users to your site via a link)

Top Search:

Enter the number of search strings to display in the 'Top Search Strings' table (This refers to the string users searched for in your sites).

Top Sites:

Enter the number of your sites to display in the 'Top Sites' table.

Top KSites:

Enter the number of your sites to display in the 'Top Kbytes Sites Count' table (This refers to the number of Kbytes users downloaded from your sites).

Top URLs:

Enter the number of your URLs to display in the 'Top URLs' table.

Top KURLs:

Enter the number of your URLs to display in the 'Top URLs by Kbyte' table (This refers to the number of Kbytes users downloaded from your URLs).

Top Entry:

Enter the number of pages to display in the 'Top Entry Pages' table (The entry page is the page a user arrived at in your site).

Top Exit:

Enter the number of pages to display in the 'Top Exit Pages' table (The exit page is the last page a user viewed in your site).

Wizard page 3 of 9**Use HTTPS:**

This option converts the links in the 'Top URLs' table to use the prefix 'HTTPS://'.

This replaces the default 'HTTP://' prefix (Useful if you run the Webalizer on secure server logs and you want the links in the table to work properly).

Incremental:

This option processes logs incrementally.

The Webalizer can process partial logs without loss of data from previous runs in the same month.

Hide Site:

Specify which sites to hide in the 'Top Sites' table (They will still be counted in the totals) You may want to hide local machines since they are usually the top hit generators.

Enter one per line:

*mrunix.net

<Site>

Hide URL:

Specify which URLs to hide in the 'Top URLs' table (They will still be counted in the totals) You may want to specify graphic files, audio files, or other non-HTML files that are transferred to the visiting user. Enter one per line:

*.gif

Wizard page 4 of 9**Hide Referrer:**

Specify referrers to hide in the 'Top Referrers' table (They will still be counted in the totals) You may want to hide your own server since it is usually the top reference generator.

Enter one per line:

mrunix.net/

Hide Agent:

Specify user agents to hide in the 'Top User Agents' table (They will still be

counted in the totals) Enter one per line: RealPlayer
<AgentName>
<AgentName>

Wizard page 5 of 9

Group Shading:

This option shades group table rows.

Group Highlight:

This option bolds group table rows.

Group Site:

Specify which sites to group in the 'Top Sites' table (Useful for grouping top level domains or unresolved IP addresses for local dial-ups) Use this format:

*.aol.com AOL
<Site [GroupLabel]>

Group URL:

Specify which URLs to group in the 'Top URLs' table (Useful for grouping complete directory trees) Use this format:

/images/* Images
<URL [GroupLabel]>

Wizard page 6 of 9

Group Referrer:

Specify which referrers to group in the 'Top Referrers' table (Useful for major search engines with multiple host names) Use this format:

yahoo.com/ Yahoo!
<Referrer [GroupLabel]<

Group Agent:

Specify user agents to group in the 'Top User Agents' table. Use this format:

Mozilla Netscape
MSIE Microsoft Internet Explorer
<AgentName [GroupLabel]>

Wizard page 7 of 9

Ignore Site:

Specify which sites to completely ignore from the statistics.

Use this format:

bad.site.net
<Site>
<Site>

Ignore URL:

Specify which URLs to completely ignore from the statistics (Useful for ignoring hits to a directory that is not available externally).

Use this format:

/test*

Wizard page 8 of 9

Ignore Referrer:

Specify which referrers to completely ignore from the statistics.

Use this format:

file:/*
<Referrer>

<Referrer>

Ignore Agent:

Specify user agents to completely ignore from the statistics.

Use this format:

RealPlayer

<AgentName>

<AgentName>

Wizard page 9 of 9

Include Site:

Force the inclusion of log records based on hostname (Takes precedence over Ignore keywords).

Use this format:

/test*

<site>

Include URL:

Force the inclusion of log records based on URL (Takes precedence over Ignore keywords).

Use this format:

/test*

<URL>

Include Referrer:

Force the inclusion of log records based on referrer (Takes precedence over Ignore keywords).

Use this format:

mrunix.net

<Referrer>

Include Agent:

Force the inclusion of log records based on user agent (Takes precedence over Ignore keywords) Use this format:

RealPlayer

<AgentName>

<AgentName>

For more information enter to <http://www.webalizer.com/>

WebPassword

WebPassword Name: Enter a description for this WebPassword.

URL: Enter the URL for password protection (Include http://).

User Name: Enter the user name for password protected URL.

New Password: Enter administrator password.

Retype Password: Reenter password.

Note that in the current version, the path that you enter is considered as relative to the main documents directory of the VDS (/www/htdocs). This is regardless of the domain that you provide. As a result, if you have a sub-domain that is located in "/www/htdocs/sub-domains/<sub-domain>", you should provide

"http://domain/sub-domains/<sub-domain>" as your URL.

Domains Settings

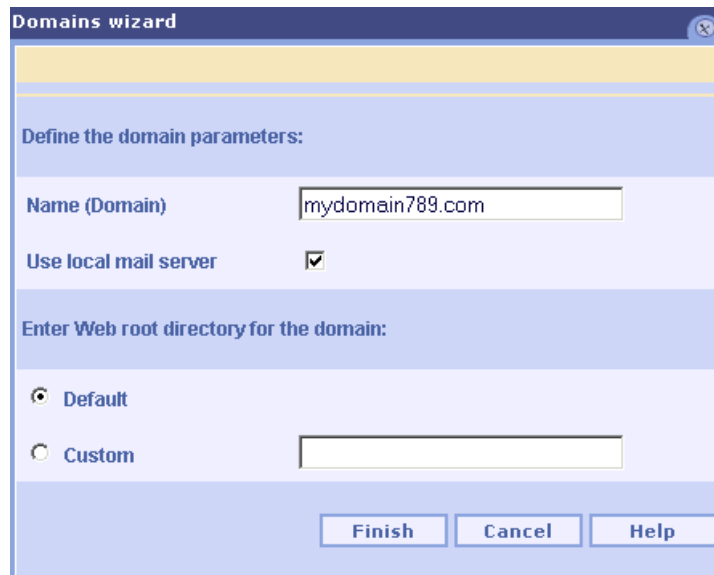
Domains Tab

Domains tab enables you to execute the following tasks:

- Add a new domain name with the same IP address and zone file of account domain.
- Create a virtual account.
- Create sub domains.

To create a new domain name:

- Click **New** button. You will be prompted to a wizard screen.
- Enter the new domain name in the **Name (Domain)** field.
- Select **Use local mail server** to utilize the account's mail server.
- Select **None** for Web directory.
- Click **Finish**.



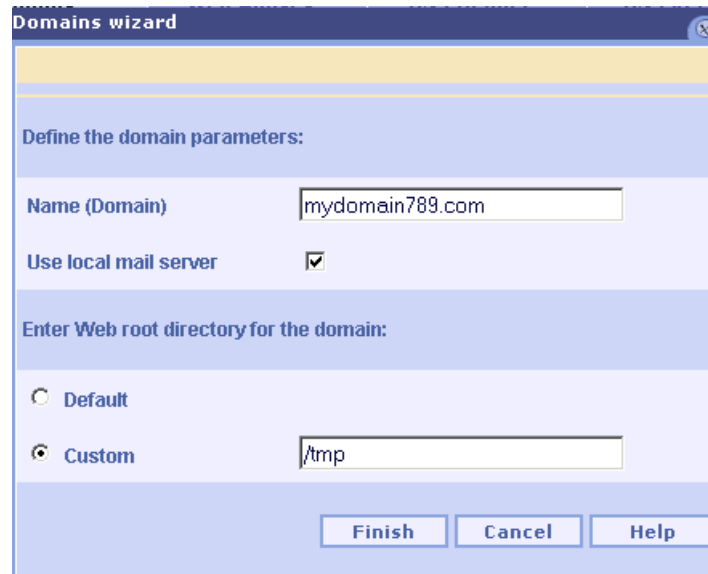
- The new domain name appears in details pane. When Web surfer enters this domain name he/she will be prompted to the **initial Website** of account.



Name	Web Directory	Use Local Mail Server	Edit
mydomain1232.com	/usr/local/apache/htdocs	Enabled	
mydomain4577.com		Enabled	

To create virtual account:

- Click **New** button. You will be prompted to a wizard screen.
- Enter the new domain name in the **Name (Domain)** field.
- Select **Use local mail server** to utilize the account's mail server.
- Enter root directory for the domain's files.



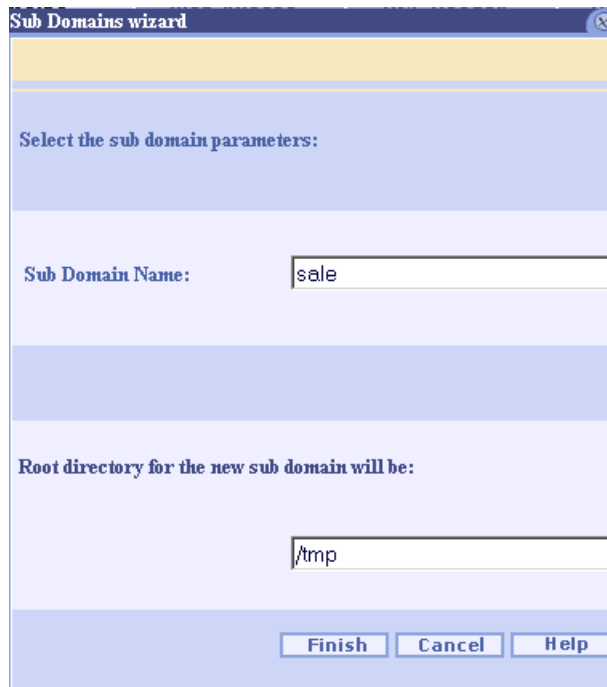
- Click **Finish**. The new domain name appears in details pane. When Website surfer enters this domain name he/she will be prompted to a Website that is **not** the initial Website of account.

To create a sub domain:

- In the domains table, click on the domain name that you would like to add a sub domain to.
- You will be prompted to a details window on that domain name.



- Click the **New** button. You will be prompted to a wizard screen.
- Enter the sub domain name and its directory. Click **Finish** button.



- The sub domain name shall appear on screen.

mydomain4577.com Details: Web Directory: none			
Use Local Mail Server: Enabled			
<input type="checkbox"/>	Sub Domain	Web Directory	Edit
<input type="checkbox"/>	sale	/tmp	

To modify domain name or sub domain name:

- Click the button that is next to the object you would like to edit.
- You will be prompted to a wizard screen. Enter the changes in the relevant fields and click **Finish**.

To delete domain name or sub domain name:

- Click the checkbox next to the object you would like to delete.
- Click button.

Web Aliases

Web Aliases tab enables you to create two types of aliases:

- **Web Alias:** An alias that directs to specific HTML file.
- **Script Alias:** An alias that points to a scripts folder in account (For CGI executables).

To create a Web alias:

- Click the **New alias** button. You will be prompted to a wizard screen.
- Select **Alias** radio button.
- Enter the alias name and absolute path.

The screenshot shows a dialog box titled "Add/Edit Alias/Script Alias". At the top, it says "Enter the URL path and the local path that it will be mapped to:". There are two radio buttons: "Alias" (which is selected) and "Script Alias (CGI executable)". Under the "Alias" section, there are two input fields: "URL path (Alias path name)" with the value "/a" and "Absolute path name" with the value "/tmp". The "Script Alias" section has empty input fields. At the bottom, there are three buttons: "Finish", "Cancel", and "Help".

- Click **Finish**. Alias details appear on screen.







	Type	URL	Alias Path	Edit
<input type="checkbox"/>	alias	/a	/tmp	
<input type="checkbox"/>	alias	/icons/	/usr/local/apache/icons/	
<input type="checkbox"/>	script alias	/cgi-bin/	/usr/local/apache/cgi-bin/	

To create a Script alias:


- Click the **New alias** button. You will be prompted to a wizard screen.
- Select **Alias** radio button.
- Enter the alias name and absolute path.

The screenshot shows the same dialog box as above, but now the "Script Alias (CGI executable)" radio button is selected. The "Alias" radio button is unselected. In the "Script Alias" section, the "URL path (Alias path name)" field contains "/b" and the "Absolute path name" field contains "/tmp". The "Alias" section has empty input fields. The "Finish", "Cancel", and "Help" buttons are still present at the bottom.


- Click **Finish**. Alias details appear on screen.

	Type	URL	Alias Path	Edit 
<input type="checkbox"/>	alias	/a	/tmp	
<input type="checkbox"/>	alias	/icons/	/usr/local/apache/icons/	
<input type="checkbox"/>	script alias	/b	/tmp	
<input type="checkbox"/>	script alias	/cgi-bin/	/usr/local/apache/cgi-bin/	

To modify Web alias or script alias:

- Click the  button that is next to the object you would like to edit.
- You will be prompted to a wizard screen. Enter the changes in the relevant fields and click **Finish**.


To delete Web alias or script alias:

- Click the  checkbox next to the object you would like to delete.
- Click button.

The following demonstration displays the difference between a Web alias and script alias:

- The script **test-cgi** is processed via the **/a** Web alias. In this case the input of the file is identical to the output that is displayed via Web browser:

```

Address  http://172.16.36.9/a/test-cgi
Links
-----
#!/bin/sh

# disable filename globbing
set -f

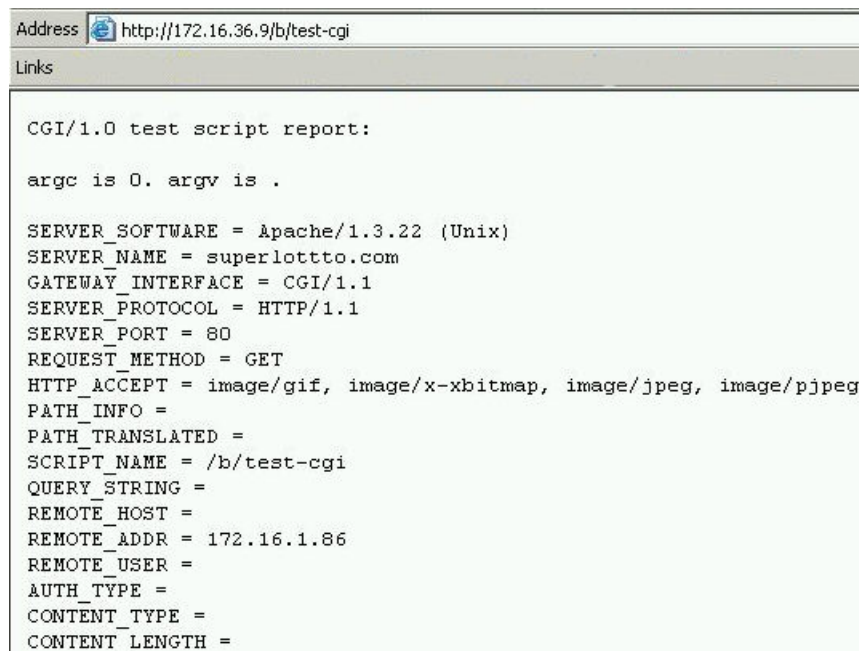
echo Content-type: text/plain
echo

echo CGI/1.0 test script report:
echo

echo argc is $#. argv is "$*".
echo

echo SERVER_SOFTWARE = $SERVER_SOFTWARE
echo SERVER_NAME = $SERVER_NAME
echo GATEWAY_INTERFACE = $GATEWAY_INTERFACE
echo SERVER_PROTOCOL = $SERVER_PROTOCOL
echo SERVER_PORT = $SERVER_PORT
echo REQUEST_METHOD = $REQUEST_METHOD
echo HTTP_ACCEPT = "$HTTP_ACCEPT"
echo PATH_INFO = "$PATH_INFO"
echo PATH_TRANSLATED = "$PATH_TRANSLATED"
    
```

- The script **test-cgi** is processed via the **/b** script alias. In this case the input of the file is different from output that is displayed via Web browser. This is due to the fact that this file has been processed in server side and its output is displayed on Web browser.



```
Address http://172.16.36.9/b/test-cgi
Links
CGI/1.0 test script report:

argc is 0. argv is .

SERVER_SOFTWARE = Apache/1.3.22 (Unix)
SERVER_NAME = superlottto.com
GATEWAY_INTERFACE = CGI/1.1
SERVER_PROTOCOL = HTTP/1.1
SERVER_PORT = 80
REQUEST_METHOD = GET
HTTP_ACCEPT = image/gif, image/x-xbitmap, image/jpeg, image/pjpeg,
PATH_INFO =
PATH_TRANSLATED =
SCRIPT_NAME = /b/test-cgi
QUERY_STRING =
REMOTE_HOST =
REMOTE_ADDR = 172.16.1.86
REMOTE_USER =
AUTH_TYPE =
CONTENT_TYPE =
CONTENT_LENGTH =
```

Note: If you define a web alias to a specific directory, and you would like your customers to use the default page of the directory, then you should have a trailing "/" in the URL that you use.

For example, if you would define an "images" alias, you should use the following URL to access the default page in the directory:

"www.domain.com/images/". Using only ""www.domain.com/images" (without the trailing "/") will not be enable you to access the page.

In order to access specific pages in the directory, you should use the standard notation ("www.domain.com/images/file.html").

If you would like to change this action, then you should turn the "UseCanonicalName" property in "httpd.conf", to "off".

DNS Header

The DNS Header tab displays DNS zone file parameters, as follows:

- **Email:** Email address of the top level provider.
- **Max DNS records:** Number of DNS records that can be created for account. Zero value enables unlimited DNS records.
- **Refresh:** The time interval for a slave to receive updated information from its master.
- **Retry:** If Refresh does not produce updated information in the time stated, the Retry value is the interval (number of seconds) after which Refresh will be tried again.
- **Expire:** If Retry does not produce updated information, the Expire value is the length of time during which Refresh will still be used.

- **Minimum TTL (Time to Live):** The amount of time during which the data in the slave remains valid.

Parameter	Value
Email	dnsmaster@sphera.com
Max DNS records	9 (0 = unlimited)
Refresh(sec)	10800
Retry(sec)	3600
Expire(sec)	604800
Minimum TTL(sec)	86400

To edit one of the above parameters click on the Edit button. The following screen appears:

Enter the desired modifications and click the **Finish** button. The modified details appear on screen.

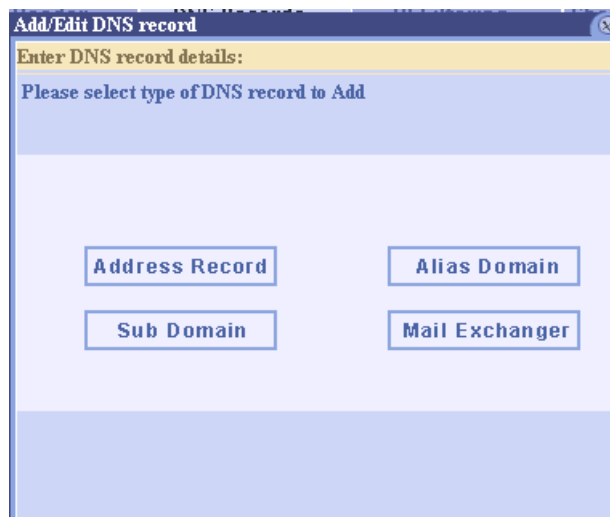
DNS Records

DNS Records

You must register the domain name of your site. Visit the Internet Corporation for Assigned Names and Numbers (ICANN) at <http://www.icann.org>. Site includes a list of accredited domain-name registrars.

Adding/editing a DNS record on an account changes its domain DNS database; domain hosts, sub-domains, aliases and mail exchange definitions. There are four (4) types of records that can be modified/added.

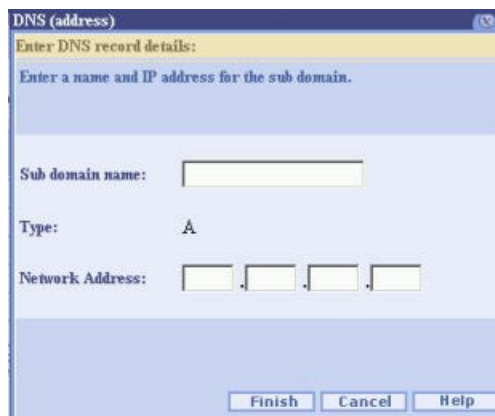
To add a DNS record click the  button. You will then be prompted to the following wizard screen:



Address Record

Address Record (Type A): Translates a domain name to an IP address.
To add an **Address Record**:

1. Click the **Address Record** button. The following wizard screen appears:



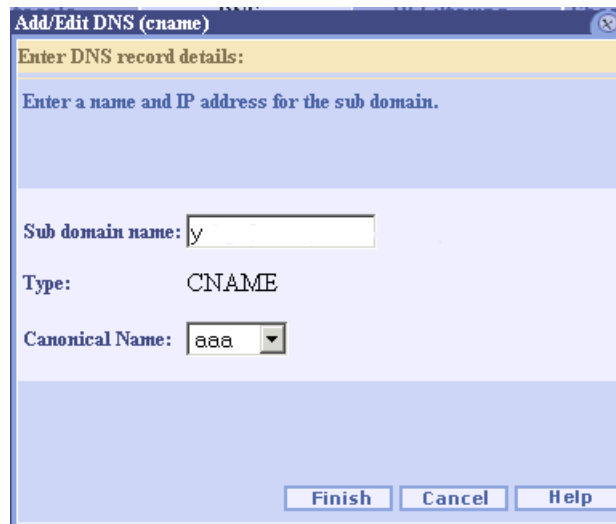
2. Enter the host name in the **Sub domain name** field, and the IP address in the **Network Address** field. Click **Finish**.

Alias Domain

Alias Domain (canonical name): Creates an alias name for an existing domain name. Example: Creating the alias "y.sphera.com" for the domain name "yellow.sphera.com".

To add a **Cname** record:

1. Click the **Alias Domain** button. The following screen appears:



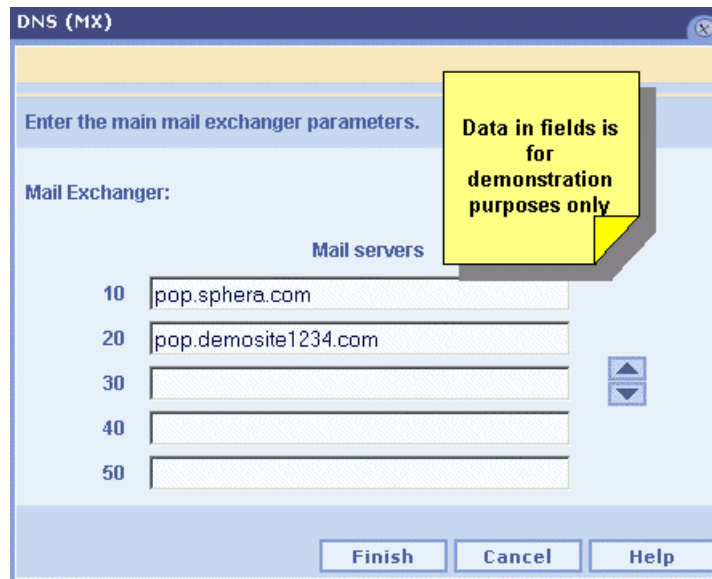
2. Enter the alias name in the **Sub domain Name** field. For example: y. Select the domain (canonical) name or @ in the **Canonical Name** field.
Click **Finish**.
Note, that the character @ represents your domain.

Mail Exchanger

Mail Exchanger (Type MX): Choose domains that will process email messages. To add an **MX** record:

1. Click the **Mail Exchanger** button².
The following wizard screen appears:

² You can also click on the **Main MX record** button in order to be prompted to the Mail Exchanger wizard.



2. Enter the email account name in the **Mail Exchanger** field. Enter the domain/s that will process the email account in the **Mail** field/s. Note, that the top field has the highest preference for processing the email account. Click **Finish**.

Sub Domain

Sub Domain (Type NS) : Defines sub-domains. For example: creating the "support" sub domain in <domain name> will result in the domain name "support.<domain name>".

To add an NS record:

1. Click the **Sub Domain** button. The following screen appears:

2. Enter the sub domain name the **Domain Name** field (Do not enter an IP address).
3. Enter the primary name server for sub domain in the **Primary** field.
4. Enter the secondary name server/s for sub domain in the **Secondary** field/s. Click **Finish**.


Note: Some DNS records parameters appear on the details pane with 3 dots at the end. For example:

<input type="checkbox"/>	support	NS	green.sphera.com...	
--------------------------	---------	----	---------------------	---

This means that more than one line is needed to display all of this DNS record's parameters. You can view these parameters by pressing the **Edit** button.

Editing a DNS Record

To edit one or more of the parameters of a DNS record:

1. Press the **Edit**  button that is next to the DNS record you wish to edit.
2. Edit the desired field/s.
3. Press the **Finish** button.

Removing a DNS Record

To remove an DNS record:

1. Select the checkbox, which is next to the relevant record.
2. Press the  button.

Advanced Topics

Core Dump

A core file (core dump) is a file that holds the "state" of the program at the moment it crashed. It holds valuable clues for the programmer to the nature of the crash on what caused it and what the program was doing when it happened. By default, a core file is created whenever a program terminates abnormally.

The core file consumes the account's disk quota and in many cases is not used by the account owner.

The creation of core file is disabled in your account. If you want to enable it, create a file called `/etc/vds_core_enable`.

Note: Remove the file once you complete the debugging of the problematic process/program so that the generated core file will not occupy your disk space.

Apache Preinstalled Modules

The following is a list of preinstalled modules in the Apache Web Server of this account:

- `http_core`
- `mod_so`

Learn more about these modules at <http://apache.org/docs/mod/>
Additional modules may be used by installing ValueApps.

Glossary

A

Account

A HostingDirector account provides the functionality of a dedicated server in a shared, virtual hosting environment. Each account owner can administrate Website via use friendly control panel. An account is also referred to as a VDS (Virtual Dedicated server) or a site.

Aliases

Aliases are shortcuts used to redirect emails. There are four types of aliases: Email aliases redirect emails to a specified address.

Distribution list aliases allow you to send mail to one address and have it distributed to a group.

Command line aliases forward email to an application for processing.

Catch All alias forwards all unresolved email messages to specific email address.

Anonymous FTP

A method for giving users access to files so that they don't need to identify themselves when logging in. The user enters "anonymous" as a user ID and leaves the password field empty or enters "anonymous".

Apache

Web server of choice to most System administrators. Its open source code and cross platform, compatibility makes this Web server ideal in highly scalable operations.

Apache Error Messages

The Apache error document ValueApp displays a response of your choice as an alternative to conventional error messages such as '404 Not Found'. You can either display a custom text message or redirect the user to any web page.

Auto Responder

Automatically replies to emails. Enter a message and an email address of your choice. Your message will be automatically sent to anyone who sends emails to this selected address.

B

BIND

A software application for the DNS server developed and distributed by the University of California at Berkeley. Many Internet hosts use BIND,

C

Common gateway interface (CGI)

Code responsible for describing how server communicates with another application.

Counter

Displays a hit counter on your web page showing the number of visits to your web site. The counter begins at the initial number of your choice and increments with each visit.

Credit Card Verification

Verifies credit card numbers based on the mod 10 algorithm. Enables authentication by the credit card digit combination. Confirms the validity of Visa®, MasterCard®, Novus® (Discover®), and American Express® card numbers.

D

Dedicated IP Account

An account that has an exclusive IP address assigned to it.

DNS

Domain Name Server. A DNS is an on-line distributed database system used to map human-readable machine names into IP addresses. The DNS serves as a gateway between the server and the outside world, resolving the IP address and routing files to their correct directories.

F

File Manager

Manage files on your system through a browser. Edit and password protect HTML files without using Telnet. Requires PERL and Python ValueApps.

FrontPage Extensions

A set of programs on a Web server that allow users to author, administer, and browse Microsoft FrontPage®-extended Web sites, and to add enhanced functionality such as hit counters, search forms, and discussion webs to their sites.

FTP

An Internet protocol for exchanging files between machines.

G

Guestbook

Create a web page where users can leave their contact information and comments. Users can view all submitted comments and there are options to notify you when a user has signed in. Also enables emailing to all registered users.

H

HTML

HyperText Markup Language. Tag language, which describes how a Web page is displayed.

I

IP Filtering

IP filtering enables you to control access to your system by permitting or denying access according to IP address. Access can be restricted by VDS, web page, FTP site and mail.

J

Java Runtime Environment

Sun ® Solaris Java runtime environment (JRE) 1.1.8. The JRE is the minimum standard Java platform for running Java programs. It contains the Java Virtual Machine (JVM), Java Core Classes and supporting files.

M

Mail Form

Creates an HTML mail form in which users can enter their comments and personal details. Data entered by users is then redirected to an email address of your choice.

mod_PERL

This technology gives enhanced speed to the PERL scripts by combining PERL programming language and the power of the Apache HTTP server. mod_PERL enables to write Apache modules entirely in PERL.

mod_PHP

A technology combining the power of PHP scripts and the Apache HTTP server. Enables the writing of Apache pages entirely in PHP, thus enabling PHP code to be inserted directly alongside HTML.

N

Name Based Account

An account whose IP address is shared with other accounts.

NFS

The Network File System is an application that lets a user view and optionally store and update files on a remote machine.

O

Open SSL

This SSL module allows you to equip your Web site with secure Internet transaction capability. It gives you and your customers peace of mind when conducting commerce over the Web.

P

PERL

Script language of choice for Web developers. Libraries for PERL exist for several platforms and PERL's speed and flexibility make it well suited for form processing and on-the-fly web page creation.

POP

An Internet protocol for receiving email messages.

Python

A popular server side scripting language. Python is used in many situations where a great deal of dynamism, ease of use, power, and flexibility are required.

Q

Quota

Disk space quota: Amount of space that account owner is entitled to utilize.
Files quota: Number of files that account owner is entitled to utilize.

R

Reseller

Resellers are special users that are enabled to manage one or more account and to resell hosting services to individual users.

S

Shared IP Address

A shared IP address enables to allocate more than one account to the same IP address.

Simple Search Engine

Allow you to integrate a keyword and Boolean search program into your site so that users can search specified text and HTML documents. It then returns a list of filenames that matched the specified keyword(s).

SSL

Secure Sockets Layer: A program that increases the security of messages that are sent via the Internet.

SMTP

Popular email protocol for sending email messages.

SWAP

Utilization of the hard disk for virtual memory or "swap space".

U**User Account**

A user account is a mail and FTP account. Creating a user account allows the user to access his/her password-protected email and files located on the server.

V**ValueApps**

ValueApps are software components that you install to give your server additional functionality. You can browse the available ValueApps in the various categories and choose the ones you wish to install.

VDS

A virtual dedicated server (VDS) provides the functionality of a dedicated server in a shared, virtual hosting environment. A VDS is also referred to as an account.

Virtual Hosting

The provisioning of a name based site that has the following services: HTTP, FTP, POP, SMTP.

Virtual Memory

Utilization of machine's hard disk to simulate additional random-access memory.

W**Webalizer**

Analyzes web server data to produce web site usage reports. For example, the Webalizer can create a chart showing the countries from which your site is accessed. Charts can be viewed with a standard web browser.

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