

# VIRTUAL@MAIL+

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## **1 Introduction**

### **1.1 License**

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## 1.2 Requirements

Virtualmail+ requires Webmin and Sendmail to be installed and configured, on a compatible platform (Windows is not supported). Sendmail to be configured with support for aliases, virtusertable, and local-host-names

Virtualmail+ requires that all domains belong to a unique group.

## 1.3 Before you begin:

It is assumed that you have Sendmail and Webmin installed, configured and functioning.

It is also assumed that Sendmail is configured with virtusertable, aliases and local-host-names support.

### **Backup your files.**

/etc/passwd, /etc/shadow, /etc/group, /etc/gshadow  
/etc/mail/aliases\*, local-host-names, virtusertable.

### **NOTE:**

Virtualmail+ requires that **all** domains be assigned to unique groups.

By default pop accounts setup through Virtualmail+ will have a default shell of /dev/null.

If you wish accounts setup through Virtualmail to have ftp/ssh/or telnet capabilities setup the account with the required secondary shell information.

## 2 Getting Started

### 2.1 Installing Virtualmail+

- 1) Untar "virtualmail\*.tgz"
- 2) Login to Webmin
- 3) Select "Webmin Configuration"
- 4) Select "Webmin Modules"
- 5) Install Virtualmail by locating and selecting the virtualmail\*.wbm

## 2.2 Setting up Virtualmail+

**NOTE:** Every Domain “**must**” belong to a unique group

You can add a group in several different ways. :

- 1) Text editor
- 2) Command line [groupadd xyz]
- 3) Webmin [add user/group]
- 4) Through Virtualmail+

For this document we will use Virtualmail+

- 1) Make sure the desired group does not exist. “cat /etc/group | grep [group name]”
- 2) Start up a browser and login into Webmin.
- 3) Click on “Webmin Users”
- 4) Click on the “Create a New Webmin User” link
- 5) Under User Name put in “abc.com”
- 6) The password can be either set to “Unix Authentication” if the user exists in your system or you can provide a password
- 7) Fill in the remaining information as required
- 8) In the Modules section select “Virtual Domain Email+”
- 9) Click “Save”
- 10) The Webmin Users page should now have a listing for “abc.com” with “Virtual Domain Email+” listed as it’s module
- 11) Click on Virtual Domain Email+
- 12) Can edit module configuration = no
- 13) Email domains that can be managed = “abc.com”
- 14) Unix groups for the domains = “abc”
- 15) Home base directories for the domains = “directory path specified when adding the user  
ex- /home/www/abc” or if no home directory is desired (pop only) leave the field blank.

[**NOTE:** Multiple domains can be entered, as long as the same number of groups are listed as well in the corresponding order. If no home base directory is supplied for a domain, users will be given /dev/null as their home directory. If you plan to use a web based mail program such as squirrel mail then you must specify the directory path for the account. ex- /home/www/abc. ]

- 16) When this is complete select Save then logout
- 17) Login as “abc.com” remembering to use the password assigned
- 18) Click on the Virtual Domain Email icon
- 19) If you see User mailboxes and mail aliases you are finished, and are ready to provide the link and login information to your client.

#### **NOTES:**

##### **Group name automation:**

Virtualmail+ will not notify you if a group already exists in order to allow you to assign management of a domain to multiple users if needed. If a group id already exists it will not be added again.

##### **Local-host-name automation:**

Virtualmail+ will not notify you if a domain already exists in local-host-names.

If a domain name already exists it will not be added again.

Domain listings will be deleted if removed from the profile of the account that created it.

By default Virtualmail+ sets up created pop accounts with a default shell of /dev/none. If you select one or both of the optional shells within the domain profile, users will be able to select which shell they'd like to have an account to have.

**NOTE:** Verify Optional shell profiles exist in your /bin/ directory and are listed in /etc/shells before enabling.

To ensure unique account names are created, the domains unique group name is appended to the created name (user.group) only if the requested name is currently in use. (webmaster, support, etc). If you would like Virtualmail+ to perform this task for every created account on the full time basis set “**Always add group name to user names**” to Yes.

To enable auto responder or multiple destination alias support, set the appropriate selection to Yes.

Auto responders and multiple destination alias listings will be counted towards the max alias count if the field has been defined for a domain.

## 2.3 Upgrading to Virtualmail+

If you're upgrading to Virtualmail+ from Virtualmail the first time you select a existing Webmin User profile you will be presented with migration notification screen. Selecting save will convert the profile file for use with Virtualmail+.

**NOTE:** Existing domains will not be removed from local-host-names when deleted from a existing profile.

## 3 Users Guide

### 3.1 Introduction

Virtualmail+ provides help links throughout user screens to provide definations or instructions in the use of particular functions. When users log into Virtualmail+ they will be presented with a menu bar along with a listing of their existing accounts (if any).

The list currently being viewed or modifyied is indicated by a light gray background on the menu bar.

Pop accounts	<u>Aliases</u>	<u>Auto responders</u>
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### 3.2 Pop Accounts

This area which is loaded by default is where your pop (email) accounts will be listed, deleted , or modified.


The 4 fields provided for in this section are:

Name	Domain	POP3 login	Real name
------	--------	------------	-----------

- **Name:** This is the user name (pop3) name for the account. *(The part of a email address before @yourdomain.com)*
- **Domain:** Your domain name (filled in by the system) *Accounts with multiple domains will need to select their desired domain from the provided drop down box Before adding accounts*
- **POP3 login:** *See Name*
- **Real name:** This is the real name of the account *ex- "Jane Doe"*

To modify or delete an existing account. Select the account by clicking the link under the name of the account you wish to modify.

<a href="#">user1</a>	foo.bar	user1	
<a href="#">yoda</a>	foo.bar	yoda	Jedi Master
<a href="#">jimbo</a>	foo.bar	jimbo	Jimbo Bubbagump

To add a new account select the button labeled "Add user to domain".   

If you have only 1 domain the associated drop down list is already populated with your domain name.

If you have multiple domains you will need to first select the desired domain before selecting "Add user to domain".

### 3.3 Aliases

An alias allows email to be sent to a defined address even though it doesn't exist.

These messages are delivered to an associated "Alias destination".

The 3 fields provided for in this section are:

Name	Domain	Alias destination
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- **Name:** This is the name messages are being accepted for. (ex- webmaster)
- **Domain:** The domain name the alias belongs to.
- **Alias destination:** The address messages are being delivered to. (ex- you@hotmail.com)

To modify or delete an existing alias. Select the alias by clicking the link under the name you wish to modify.

<a href="#">elvis</a>	foo.bar	something@otherdomain.com
<a href="#">All mailboxes</a>	foo.bar	youraccount@hotmail.com
<a href="#">jaccub</a>	foo.bar	Multiple destinations

To add a new alias select the button labeled "Add alias to domain".   

If you have only 1 domain the associated drop down list is already populated with your domain name.

If you have multiple domains you will need to first select the desired domain before selecting "Add alias to domain".

### 3.4 Auto responders

Depending on your hosting account you may find an option for Auto responders.

A auto responder like the alias allows messages to be sent to non-existing or existing accounts. However instead of delivering a message to a different location, a defined message will be sent to the sender. (ex - I'm sorry, I will be on vacation until next week, please send your message again then)

The 3 fields provided for in this section are:


Name	Domain	Alias destination
------	--------	-------------------

- **Name:** This is the name you're accepting messages for. (ex- webmaster)
- **Domain:** The domain name the auto responder and name belongs to.
- **Alias destination:** Unlike with aliases, this section will display "Send autoreply"

To modify or delete an existing auto responder. Select the alias by clicking the link under the name you wish to modify.

<a href="#">joker</a>	foo.bar	Send autoreply
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To add a new auto responder select the button labeled "Add auto responder to domain".

If you have only 1 domain the associated drop down list is already populated with your domain name.

If you have multiple domains you will need to first select the desired domain before selecting "Add autoresponder to domain".