



HOSTING CONTROLLER

HCNIX INSTALLATION GUIDE *For Linux*

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Proprietary Notice

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Document Conventions

TERMS/ SYMBOLS	WHAT THEY MEAN?
BOLD	The 'Bold & UPPERCASE' text is used to highlight vital terms in the document.
	This symbol is used as a sign for NOTE. It reminds about certain noteworthy steps or takes your attention towards the significant tasks to be done or gives additional information for your ease.
	This symbol is used as a sign for WARNING. It highlights some steps that cannot be skipped or should be followed as stated to avoid errors and confusion.

Target Audience

This document is intended for all those who want to install **HCnix** on their systems. It describes all the prerequisites and installation steps that assure successful installation and working of **HCnix** on Linux platform.

Please, read this document to have absolute information and to avoid any type of ambiguity related to the installation process.

Introduction

About HCnix

It enables web hosting companies to manage all their GNU/Linux servers through centralized interface. You can expand your business with **HCnix**, from one server to cluster of servers. It allows you to add new clusters as per your requirements.

Before Installation



You need to know the followings to install and configure **HCnix** on Linux systems.

HCnix Supported Servers

Prior to install **HCnix** on your machines, you should separately install your required applications/software on your server before running **HCnix** installer i.e. Web/DNS/Mail/Database Server etc. Following is the list of all such servers that should be properly running on your system before installing **HCnix**.

- Web Server Role
 - Apache2.x Web Server
 - Vsftp/wu-ftp
 - Quota Package
 - ACL Package
 - Webalizer (on your choice)
 - xinetd Package
- DNS Role
 - BIND9
- Database Server Role
 - MySQL Database
- Mail Server Role
 - Sendmail/Qmail with VPOPMail/Exim
 - xinetd Package
 - Courier-Imap(For Qmail)



Make sure that all the relevant services are running on your machine.

HCnix Supported OS and Distributions

As far as operating system is concerned, **HCnix** supports the following:

- Linux (Kernel 2.11.x or later with glibc6)

HCnix supports GUN/LINUX Distributions like:

- SuSE 10.x and later
- Debian 4.x and later
- Ubuntu 5.x and later
- CentOS: 4.6 and later
- Fedora Core 4 and later
- Redhat® Enterprise Linux 3.0 and later

The **HCnix** installer allows you to:

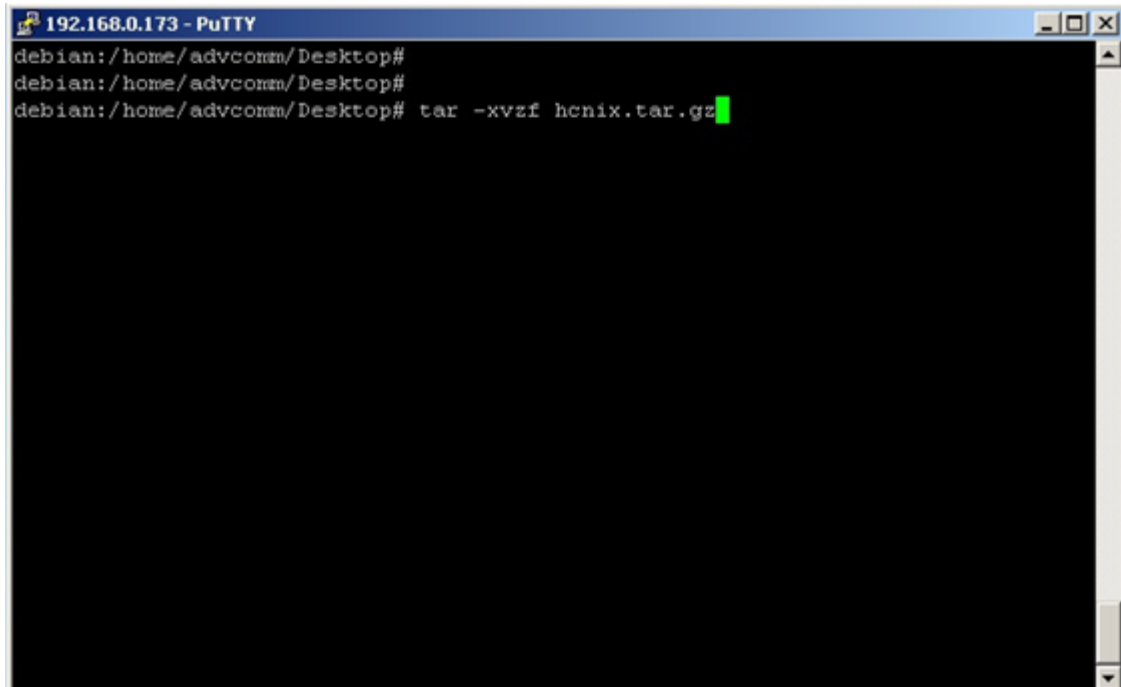
- [Install HCnix](#)
- [Update HCnix](#)
- [Remove HCnix](#)

Install HCnix

Steps to Follow

The steps should be followed as stated to avoid any type of confusion and faulty installation of **HCnix**.

1. First of all extract the **HCnix** installer.



```
192.168.0.173 - PuTTY
debian:/home/advcomm/Desktop#
debian:/home/advcomm/Desktop#
debian:/home/advcomm/Desktop# tar -xvzf hcnix.tar.gz
```

2. Once the installer is extracted, execute the installer.

```

192.168.0.173 - PuTTY
debian:/home/advcomm/Desktop# cd hcnix
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix# ./hcnix_install █
    
```

3. In case you are installing **HCnix** for the first time, following screen is shown.

```

192.168.0.173 - PuTTY
r party shall be referred to as "HostingController.com", and the party who is ag
reeing not to compete shall be referred to as "Licensee". By accepting this agre
ement, the licensee has access to and possession of confidential information tha
t is proprietary to HostingController.com.

Company or product names referenced hereby may be the trademark or registered tr
ademark of their respective companies and owners.

No part of this software or manual may be reproduced or retransmitted in any for
m or by any means electronic, mechanical, or otherwise, including photocopying a
nd recording for any purpose other than the purchaser's personal use without the
prior written permission of HostingController.com

This software is licensed for use on a single server machine and is not for resa
le.

Copyright © 2010 Advanced Communications, All rights reserved.
All international Copyright laws apply.

Press 1 to accept the terms of license agreement
Press 2 to reject the terms of license agreement
Enter your choice : █
    
```

Now, you need to select whether you accept the license agreement or not.

To accept the terms and conditions, select 1. In case of disagreement with any of the terms, select 2.

4. Once you accept the license agreement, following screen is shown:

```
root@hc-nix2:~/Desktop/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* Choose Installation Type *
*****/

Hosting Controller Nix can manager wide array of servers in cluster. You can cho
ose whether this server is your database server or part of another cluster

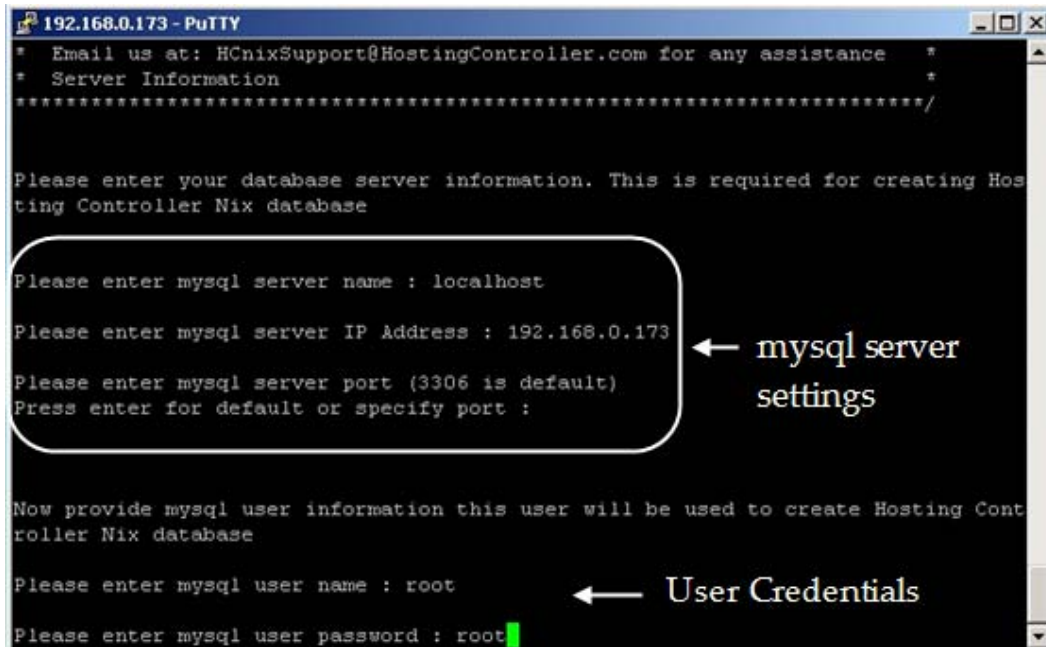
Press 1 for Database Server
Press 2 for Subsequent Server
Enter your choice : 2
```

Select your server as required. If the server where you are installing **HCnix** is a Database Server where you want to create HCnix database too then select 1. Otherwise, select 2 if it is a Subsequent Server.

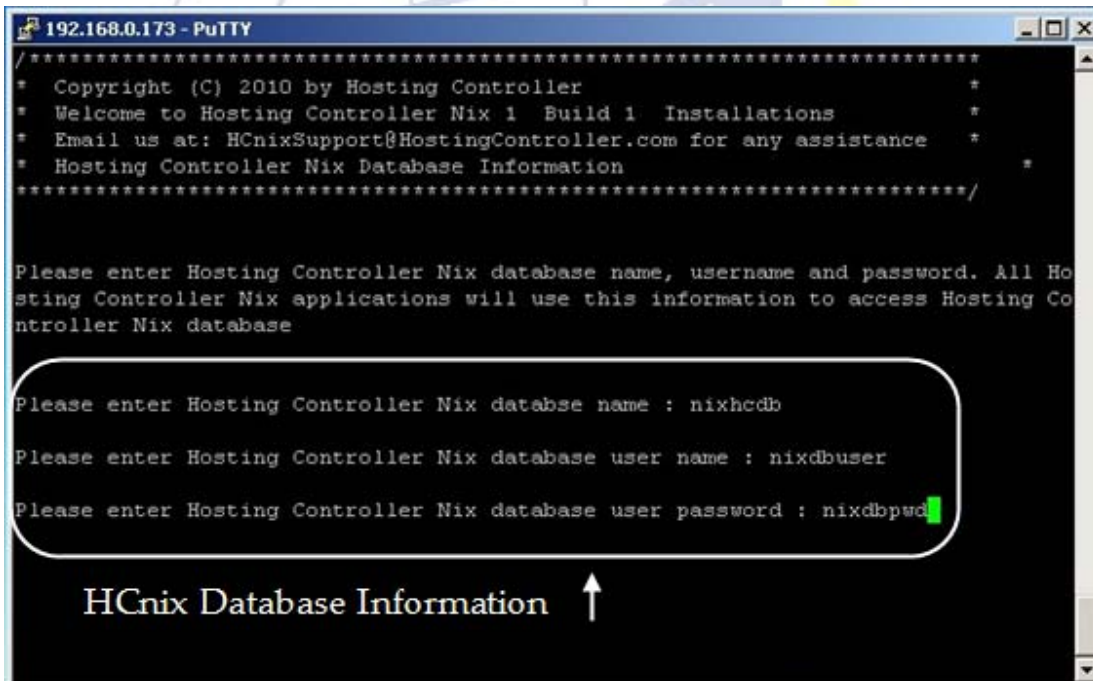
- If the server where you are installing **HCnix** is the server where you want to create HCnix database then select [Database Server](#).
- If the server where you are installing **HCnix** is not the server where you want to create HCnix database then select [Subsequent Server](#).

For Database Server

1. Specify your database settings as required.

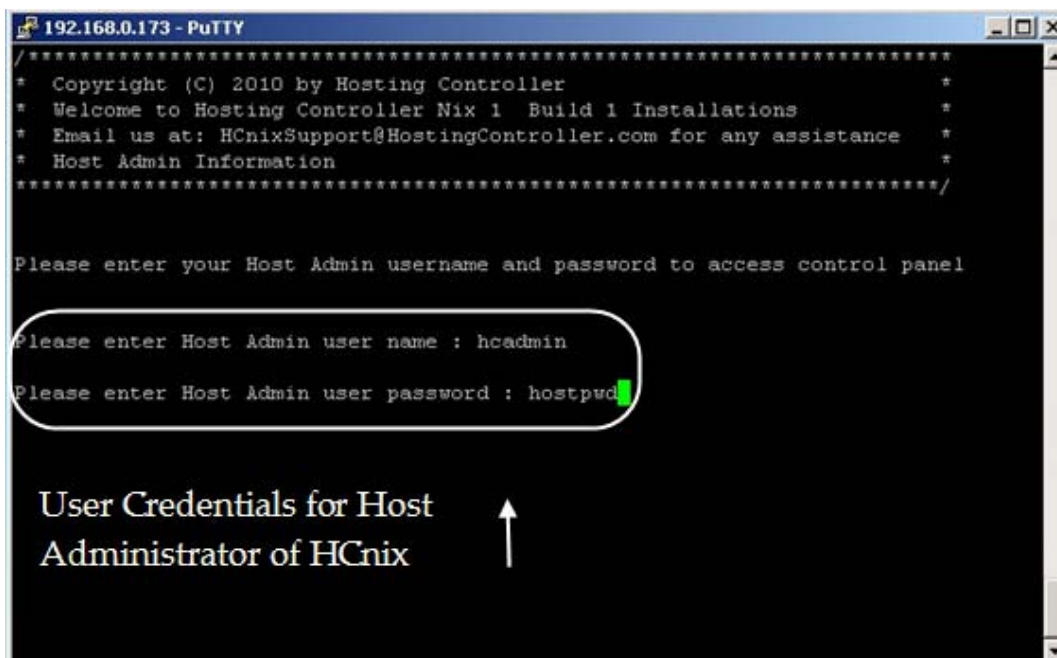


2. Specifying database settings, opens following screen:



These are **HCnix** database information that creates during the installation.

3. Now, specify user credentials for **Host Administrator** of HCnix.



```
192.168.0.173 - PuTTY
/*****
* Copyright (C) 2010 by Hosting Controller          *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* Host Admin Information                             *
*****/

Please enter your Host Admin username and password to access control panel

Please enter Host Admin user name : hcadmin
Please enter Host Admin user password : hostpwd

User Credentials for Host
Administrator of HCnix
```

4. Now, specify your selections for the HCnix Control Panel to be installed on the Linux Server.



```
192.168.0.173 - PuTTY
/*****
* Copyright (C) 2010 by Hosting Controller          *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* HCnix Control Panel Choice                             *
*****/

Do you want to install Hosting Controller Nix Control Panel (press y/Y to yes):
Please provide valid choice

Do you want to install Hosting Controller Nix Control Panel (press y/Y to yes):
Y
Apache configuration file found is ( /etc/apache2/apache2.conf )
Press enter for default path OR enter Apache configuration file path :

Apache service file found is ( /etc/init.d/apache2 )
Press enter for default path OR enter Apache PID file path :

php.ini file found is ( /etc/php5/apache2/php.ini )
Press enter for default path OR enter php.ini file path :
```

Specify your required paths for the service being installed or proceed with the default paths as per your requirements.

- Now, specify IP address for **HCnix** client machines

```

192.168.0.173 - PuTTY
/*****
* Copyright (C) 2010 by Hosting Controller                               *
* Welcome to Hosting Controller Nix 1 Build 1 Installations           *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* Create required folders                                           *
*****/
Creating required folders...

Enter IP address of client HostingController machine: 192.168.0.173

Do you want to add another IP (y/n): n
    
```

You can add more than one IP address for **HCnix** client machines as required. To add another IP address, select 'y'. If you don't want to add another IP, select 'n'.

- That's it. **HCnix** is successfully installed on your system.

```

192.168.0.173 - PuTTY
* Copy Required Files
*****/
Copying files. Please wait this may take some time.....
Success
Updating your system...
Creating configuration file...
Success
Restarting web server: apache2[Mon May 24 14:52:27 2010] [warn] module php5_module i
s already loaded, skipping
... waiting [Mon May 24 14:52:28 2010] [warn] module php5_module is already load
ed, skipping
.

To start Hosting Controller Nix Service Please use command (hcnix start)

Use command 'hcnix (start|stop|restart)'
to start, stop or restart HostingController Nix Services.

For any further assistance email us at: HCnixSupport@HostingController.com
Couldn't load XPCOM.
debian:/home/advcomm/Desktop/hcnix# hcnix restart
    
```

You can start/stop/restart **HCnix** services using the commands shown below:

For Subsequent Server

1. Selecting 2 while server selection opens following screen:

```

root@hc-nix2:~/Desktop/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* HCnix Control Panel Choice *
*****/

Do you want to install Hosting Controller Nix Control Panel (press y/Y to yes):
y
Apache configuration file found is ( /etc/httpd/conf/httpd.conf )
Press enter for default path OR enter Apache configuration file path :

Apache service file found is ( /etc/init.d/httpd )
Press enter for default path OR enter Apache PID file path :

php.ini file found is ( /etc/php.ini )
Press enter for default path OR enter php.ini file path : █
    
```

Specify your required paths for the service being installed or proceed with the default paths as per your requirements.

2. Now specify required information to register your server with the cluster as shown:

```

root@hc-nix2:~/Desktop/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* Register Server With Cluster *
*****/
Registering server with cluster

Please enter Hosting Controller Nix database user name : dbusernix9

Please enter user Hosting Controller Nix database user password : dbusernix9

Please enter mysql server name : 192.168.0.179

Please enter IP address of mysql server : 192.168.0.179

Please enter mysql server port (3306 is default)
Press enter for default or specify port :

Please enter mysql server Hosting Controller Nix database name : dbnix9
    
```

3. Once the server is registered, the required folders are created by the installer.

```

root@hc-nix2:~/Desktop/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* Create required folders *
*****/
Creating required folders...

Enter IP address of client HostingController machine: 192.168.0.178

Do you want to add another IP (y/n): y

Enter IP address of client HostingController machine: 192.168.0.179

Do you want to add another IP (y/n): n
    
```


Specify client's IP address. You can add more than one IP address if required.

4. That's it **HCnix** is installed successfully. You can start/stop/restart **HCnix** services using the commands shown below:

```
root@hc-nix2:~/Desktop/hcnix
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
[Wed May 26 19:17:59 2010] [warn] module php5_module is already loaded, skipping
httpd: Could not reliably determine the server's fully qualified domain name, using
127.0.0.1 for ServerName

To start Hosting Controller Nix Service Please use command (hcnix start)

Use command 'hcnix {start|stop|restart}'
to start, stop or restart HostingController Nix Services.

For any further assistance email us at: HCnixSupport@HostingController.c
om

[root@hc-nix2 hcnix]#
```

Update HCnix

To update **HCnix** version on your system, follow the steps as stated:

1. Once the installer is extracted, execute the installer as shown:

```

192.168.0.173 - PuTTY
debian:/home/advcomm/Desktop# cd hcnix
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix# ./hcnix_install █
    
```

2. Now specify your choice as required, i.e. either you want to update/remove the existing **HCnix** on your system.

```

root@localhost:~/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCNixSupport@HostingController.com for any assistance *
* *
*****/
ready installed build is HCNix1.00.0001

Press 1 to Update Build
Press 2 to Remove Build
Enter your choice: █
    
```

3. Selecting 1 opens following screen:

```

root@localhost:~/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* Extracting Package *
*****/
Extracting the package. Please wait this may take some time.....
█
    
```

4. Once the package is extracted, it shows following screen:

```

root@localhost:~/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCnixSupport@HostingController.com for any assistance *
* Copy Required Files *
*****/
Updating files. Please wait this may take some time.....
Updating HCNix database hcnixdb
Success
Starting vsftpd for vsftpd: [ OK ]
Hosting Controller Nix has been updated successfully

To start Hosting Controller Nix Service Please use command (hcnix start)

Use command 'hcnix {start|stop|restart}'
to start, stop or restart HostingController Nix Services.

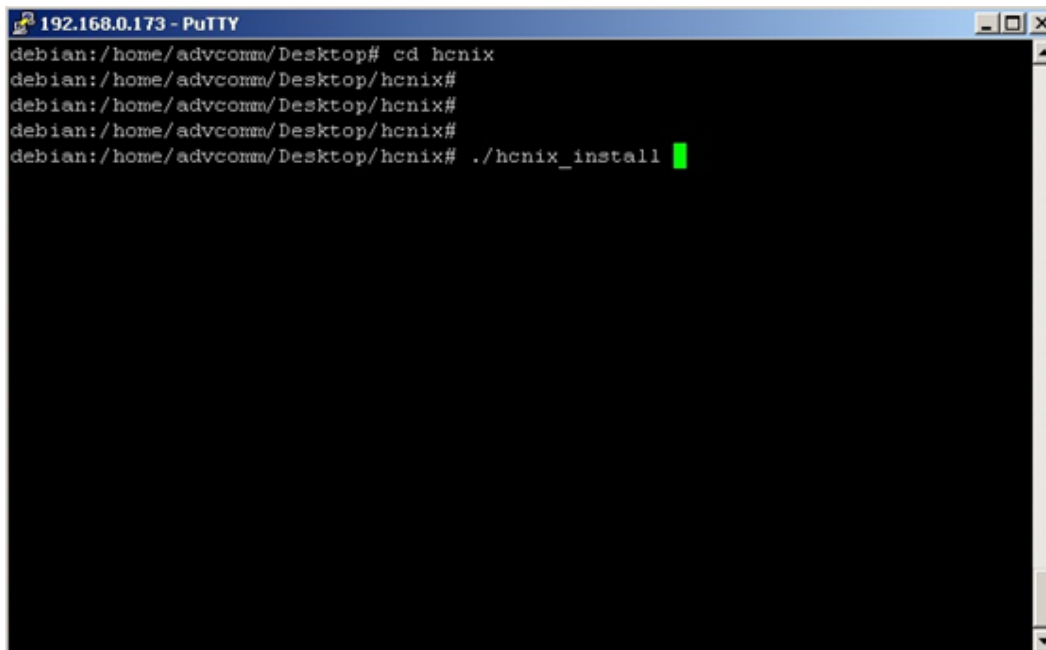
For any further assistance email us at: HCnixSupport@HostingController.com
[root@localhost hcnix]# █
    
```

HCnix is updated successfully. You can start/stop/restart HCnix services with the commands shown in the screen shot above.

Remove HCnix

To remove **HCnix** from your system, follow the steps as stated:

1. Once the installer is extracted, execute the installer as shown:



```
192.168.0.173 - PuTTY
debian:/home/advcomm/Desktop# cd hcnix
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix#
debian:/home/advcomm/Desktop/hcnix# ./hcnix_install █
```

2. Now specify your choice as required, i.e. either you want to update/remove the existing **HCnix** on your system.

```
root@localhost:~/hcnix
/*****
* Copyright (C) 2010 by Hosting Controller *
* Welcome to Hosting Controller Nix 1 Build 1 Installations *
* Email us at: HCNixSupport@HostingController.com for any assistance *
* *
*****/
ready installed build is HCNix1.00.0001

Press 1 to Update Build
Press 2 to Remove Build
Enter your choice: █
```

Select 2 to delete **HCnix** from your system.

Contact Us

In case of any ambiguity/query regarding **HCnix** installation on your machines, please feel free to contact us at hcnixsupport@hostingcontroller.com