HC INSTALLATION GUIDE
For Linux

Contents

Proprietary Notice

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 **HC** on Linux systems. It describes all the prerequisites and installation steps that assure successful installation and working of **HC** 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 HC

It enables web hosting companies to manage all their servers both Windows & Linux through centralized interface. You can add multiple mail servers within a cluster and offer MS-Exchange & SharePoint hosting. You can expand your business with HC, 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 **HC** on Linux systems.

Note: *In order to run HC on Linux server there is one limitation. You will need at least one windows server which acts as control or master server to run along with Linux machine(s).* HC8 Linux must be part of HC8 windows panel cluster. All Linux hosting records are stored on windows server database, whereas centralized HC database gives user flexibility to access any/all servers including Windows & Linux running inside the cluster from single interface.

HC Supported Servers

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

- ➢ Web Server Role
    - o Apache Web Server
    - o WU-ftp/vsftp
    - o Quota Package
    - o ACL Package
    - o Webalizer
    - o xinetd Package
- ➢ DNS Role
    - o BIND9
- ➢ Database Server Role
    - o MySQL Database
- ➢ Mail Server Role
    - o Sendmail/Qmail with VPOPMail/Exim
    - o xinetd Package
    - o Courier-Imap(For Qmail)/VIMAP Server with linuxconf virtual domain support(SendMail/Exim)

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

HC Supported OS and Distributions

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

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

HC 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

Steps to Follow

The steps should be followed as stated to avoid any type of confusion and faulty installation of **HC**.
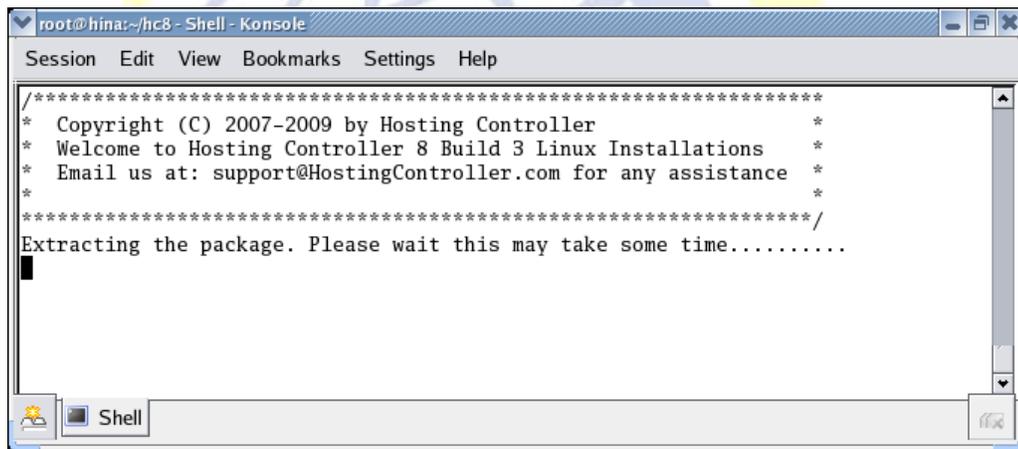
1. First of all specify command to run the installer as shown:
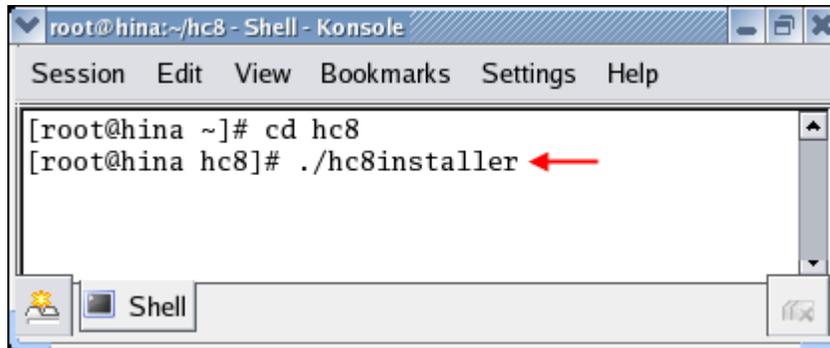
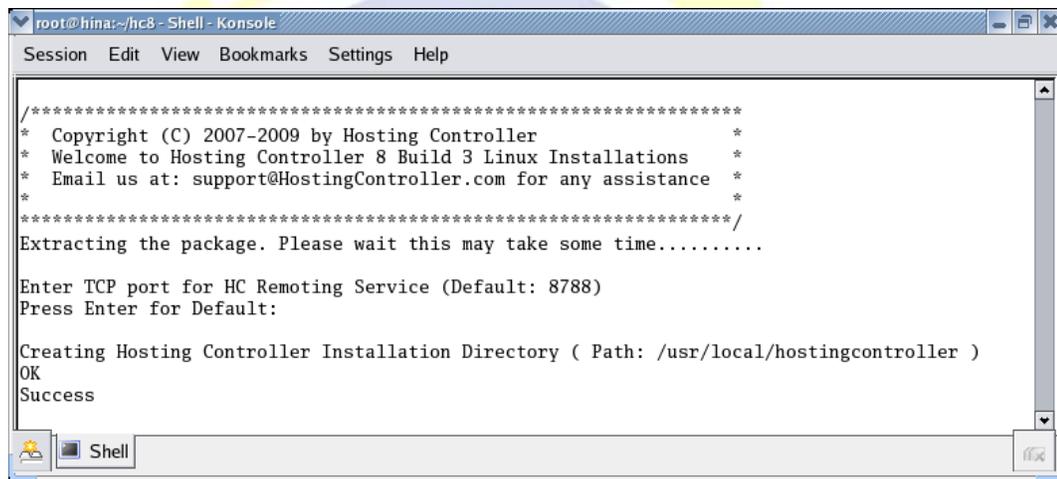

It will take few minutes to extract the **HC** package.

2. Now specify TCP Port for HC Remoting Service. The default port is 8788. If you want to proceed with the default port then press "Enter".

3. Now, you need to select whether you want to register your server at this step or skip the registration process. You can register your server any time later as well.

To skip the registration process, select 1. To register your server, select 2. The default value is 2. To select the default value, press "Enter".

To proceed with the registration process, please refer to Register Now section of this document.

To skip registration, please refer to the Skip Registration section of this document.

Register Now

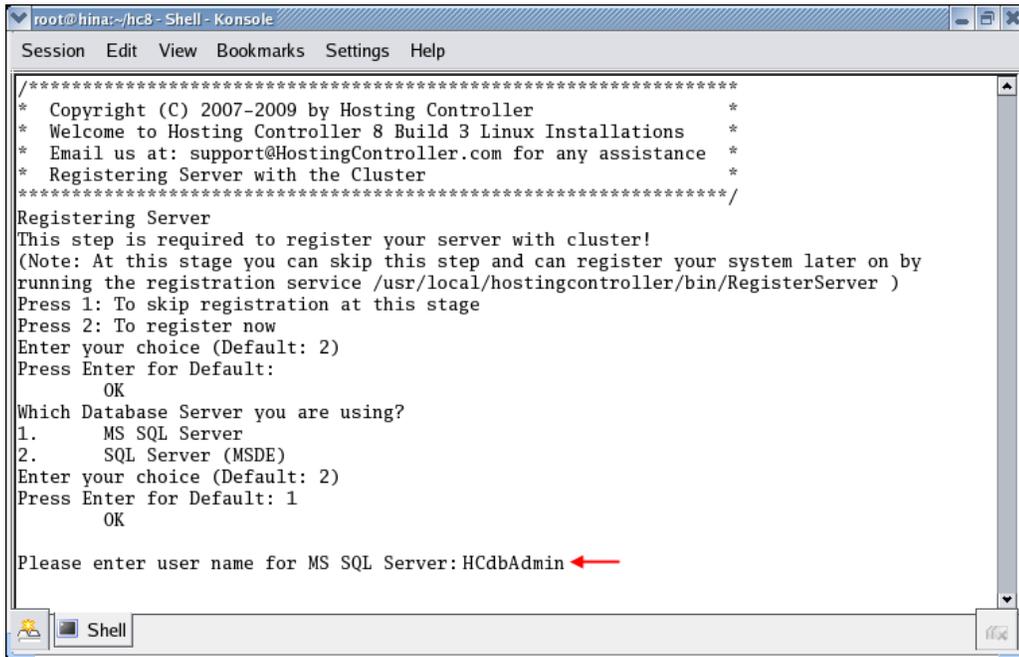1. Selecting register now, opens following screen:

2. It further shows you two more options i.e. it inquires about your Database Server. If you are using MS SQL then select 1. If your Database Server is SQL Server (MSDE) then select 2. The default value is 2.

The later section of this document, describes how to install **HC** Linux with MS SQL Server.

With MS SQL Server

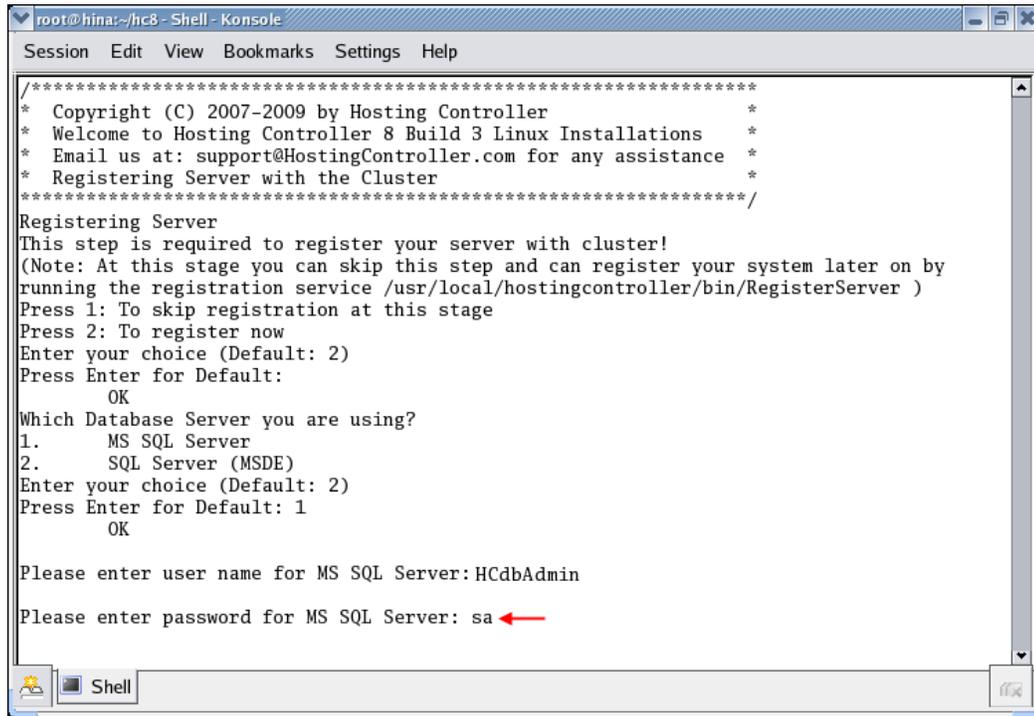1. In case of MS SQL, specify MS SQL user name as shown:

```
root@hina:~/hc8 - Shell - Konsole                                    _ 8 x
 Session  Edit  View  Bookmarks  Settings  Help

/******************************************************************
*  Copyright (C) 2007-2009 by Hosting Controller             *
*  Welcome to Hosting Controller 8 Build 3 Linux Installations   *
*  Email us at: support@HostingController.com for any assistance  *
*  Registering Server with the Cluster                       *
******************************************************************/
Registering Server
This step is required to register your server with cluster!
(Note: At this stage you can skip this step and can register your system later on by
running the registration service /usr/local/hostingcontroller/bin/RegisterServer )
Press 1: To skip registration at this stage
Press 2: To register now
Enter your choice (Default: 2)
Press Enter for Default:
        OK
Which Database Server you are using?
1.      MS SQL Server
2.      SQL Server (MSDE)
Enter your choice (Default: 2)
Press Enter for Default: 1
        OK

Please enter user name for MS SQL Server: HCdbAdmin

 🗔 Shell
```
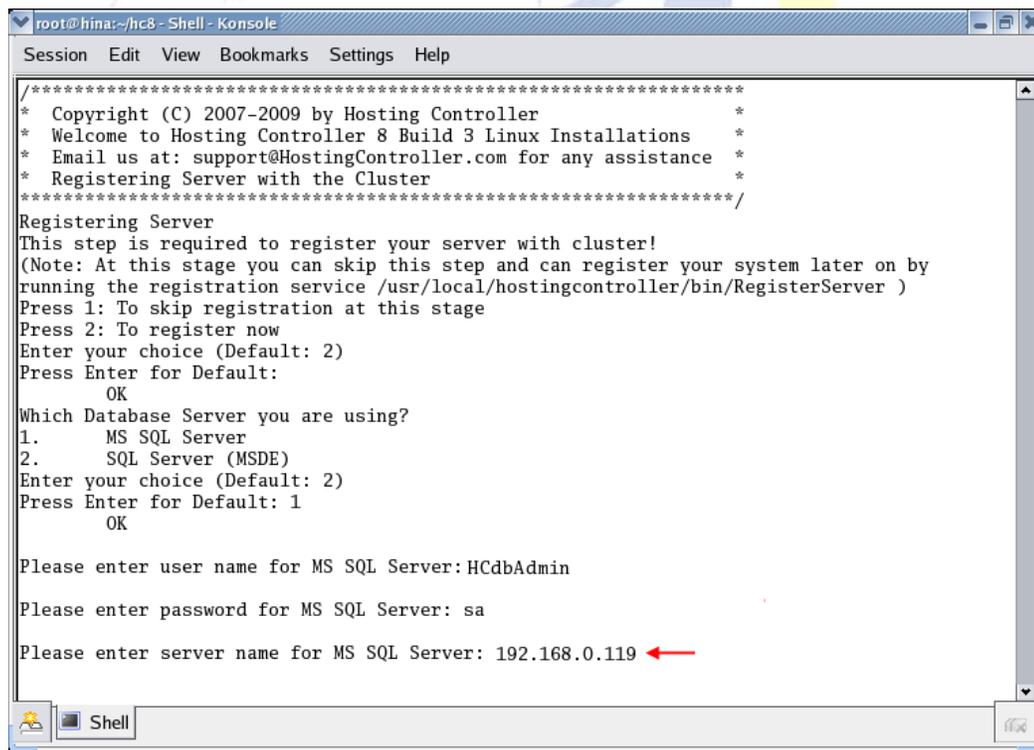
2. Specify password for MS SQL Server

3. Specify server name for MS SQL Server

Server name should be the IP address of your server, as NETBIOS Name is not recognized during Linux to Windows communication.

4. Specify IP Address of MS SQL Server

5. Specify Database Name for MS SQL Server

```
/****************************************************************
*   Copyright (C) 2007-2009 by Hosting Controller           *
*   Welcome to Hosting Controller 8 Build 3 Linux Installations  *
*   Email us at: support@HostingController.com for any assistance  *
*   Registering Server with the Cluster                     *
****************************************************************/
Registering Server
This step is required to register your server with cluster!
(Note: At this stage you can skip this step and can register your system later on by
running the registration service /usr/local/hostingcontroller/bin/RegisterServer )
Press 1: To skip registration at this stage
Press 2: To register now
Enter your choice (Default: 2)
Press Enter for Default:
        OK
Which Database Server you are using?
1.      MS SQL Server
2.      SQL Server (MSDE)
Enter your choice (Default: 2)
Press Enter for Default: 1
        OK

Please enter user name for MS SQL Server: sa

Please enter password for MS SQL Server: sa

Please enter server name for MS SQL Server: 192.168.0.119

Please enter IP address of MS SQL Server: 192.168.0.119

Please enter database name for MS SQL Server: hc  ←
Success
```

Your server is registered successfully.

6. Now specify the IP address of allowed **HC** machine(s). You can also add multiple allowed machines if required, in that case specify IP address of each machine.

Allowed **HC** machines are permitted to communicate with **HC Linux**.

You must specify IP of NIC card of DB Server in the first step, otherwise there might be a communication issue.

```
/*****************************************************************
*   Copyright (C) 2007-2009 by Hosting Controller            *
*   Welcome to Hosting Controller 8 Build 3 Linux Installations  *
*   Email us at: support@HostingController.com for any assistance *
*   Creating required folders...                              *
*****************************************************************/

Enter IP address of client HostingController machine: 192.168.0.119

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

Enter IP address of client HostingController machine: 192.168.0.65

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

Allowed **HC** machines are added successfully.

7. Now, please wait for files to be copied.

```
/*****************************************************************
*   Copyright (C) 2007-2009 by Hosting Controller            *
*   Welcome to Hosting Controller 8 Build 3 Linux Installations  *
*   Email us at: support@HostingController.com for any assistance *
*   Copying Required Files...                                 *
*****************************************************************/
Copying files. Please wait this may take some time........
```

8. That's it, **HC** is successfully installed on your machine

Skip Registration

1. Press 1 to skip the registration process.

2. Selecting skip registration leads to the screen, where you can add IP addresses of the allowed HC machines.

Allowed **HC** machines are added successfully.

3. Now, please wait for files to be copied.

```
root@hina:~/hc8 - Shell - Konsole
Session   Edit   View   Bookmarks   Settings   Help
/****************************************************************
*   Copyright (C) 2007-2009 by Hosting Controller             *
*   Welcome to Hosting Controller 8 Build 3 Linux Installations *
*   Email us at: support@HostingController.com for any assistance *
*   Copying Required Files...                                 *
****************************************************************/
Copying files. Please wait this may take some time........

 Shell
```

```
root@hina:~/hc8 - Shell - Konsole
Session   Edit   View   Bookmarks   Settings   Help
/****************************************************************
*   Copyright (C) 2007-2009 by Hosting Controller             *
*   Welcome to Hosting Controller 8 Build 3 Linux Installations *
*   Email us at: support@HostingController.com for any assistance *
*   Copying Required Files...                                 *
****************************************************************/
Copying files. Please wait this may take some time........
Success
Updating your system....
Creating configuration file...
Success


Please run command:    hc8 start    :to make it work



                    Use command 'hc8 {start|stop|restart}'
                to start, stop or restart HostingController server.

       For any further assistance email us at: support@HostingController.com
[root@hina hc8]#

 Shell
```

4. That's it, **HC** is successfully installed on your machine.

Contact Us

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