Installation Modifications for ZCS with Red Hat®

The Zimbra Collaboration Server (ZCS) runs on multiple operating systems (OS), including Red Hat® Enterprise Linux. Installation and configuration modifications for these operating systems are described in this document.

The ZCS installation tools check for software dependencies during the pre-installation checks. These dependencies are based on the default OS package choices. Using minimized, or just enough, OS (JeOS) or other package customizations may result in missing dependencies after installing ZCS.

Important: *For information about supported operating systems, including supported versions, refer to the System Requirements for Zimbra Collaboration Server.*

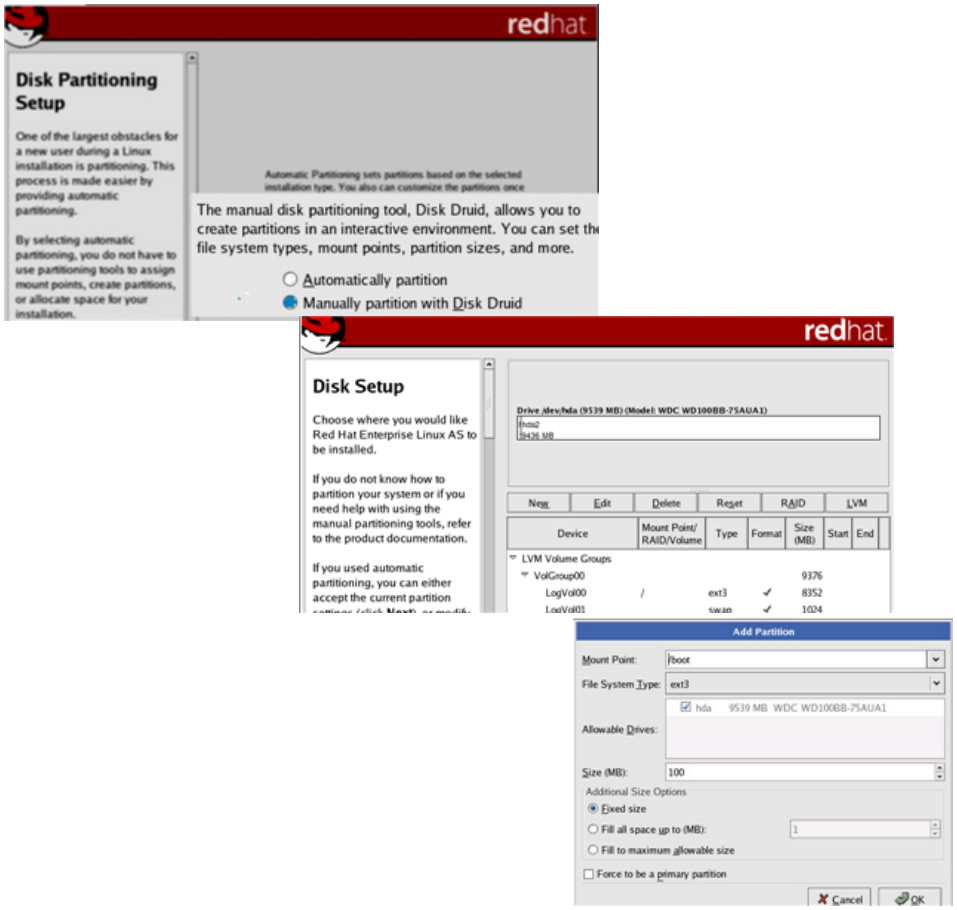
Important: *Zimbra recommends that the operating system you use is updated with the latest patches that have been tested with ZCS.*

Installation Modifications for Red Hat

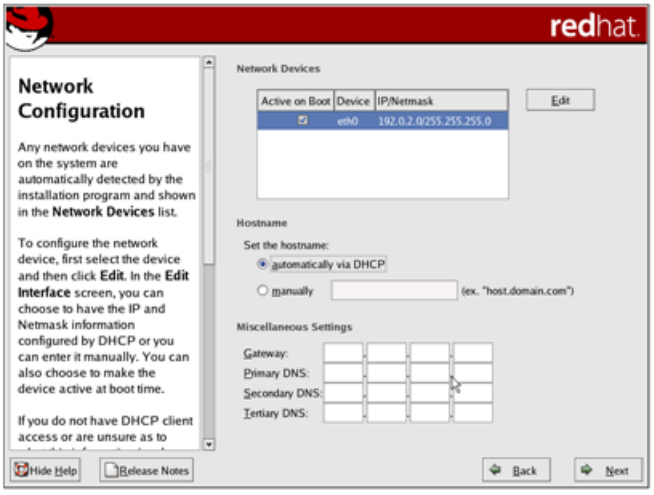
When you install the Red Hat software for the ZCS, default setup answers are accepted by the Network Configuration, the Gateway and Primary DNS addresses, the Edit Interface, and the Firewall Configuration. Note the Disk Partitioning Setup is the only exception and does not accept default setup answers. Details of what should be modified in these categories are listed below. Refer to the Red Hat Enterprise Linux installation guide for detailed documentation about installing their software.

Important:

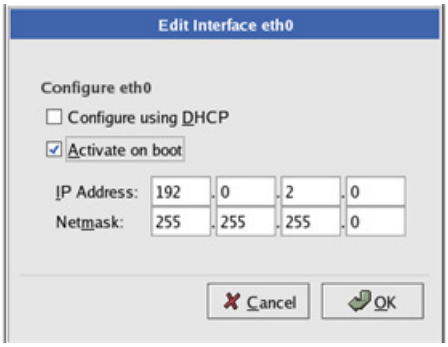
- **Disk Partitioning Setup**. Check **Manually partition with DiskDruid**. The disk partition should be set up as follows:
  - The **Mount Point/RAID Volume** size for the **Boot** partition (/)should be 100 MB.
  - The **Swap** partition should be set to twice the size of the RAM on your machine.
  - The **Root** partition (/) should be set with the remaining disk space size.



- **Network Configuration>Network Devices>Hostname** should be configured manually with the fully qualified hostname [*mailhost.example.com]* of the Zimbra server.



- Enter the **Gateway** and **Primary** DNS addresses.
- In the **Edit Interface** pop-up screen, check **Activate on Boot**. Enter the **IP Address** and **Netmask** of the device. This allows the interface to start when you boot.



- **Firewall Configuration** should be set to **No firewall**, and the **Security Enhanced Linux** (SELinux) should be disabled.

Important: *You will need to disable Sendmail in order to run the Zimbra Collaboration Server. You can disable the Sendmail service with these commands:* **chkconfig sendmail off, service sendmail stop.**

Important: *Make sure that FQDN entry in /etc/hosts appears before the hostnames. If this is missing, the creation of the Zimbra certificate fails. The FQDN entry should look like the following example. For more information, see zmcreatecert in the Zimbra Collaboration Server, Administrator's Guide, Appendix A: Command-Line Utilities.*

```
127.0.0.1               localhost.localdomain localhost
your.ip.address         FQDN yourhostname
```

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Telligent Systems, Inc. d/b/a Zimbra Software, LLC

www.zimbra.com

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