


How to install CentOS/RHEL 6.5 for use with Symantec Mobility

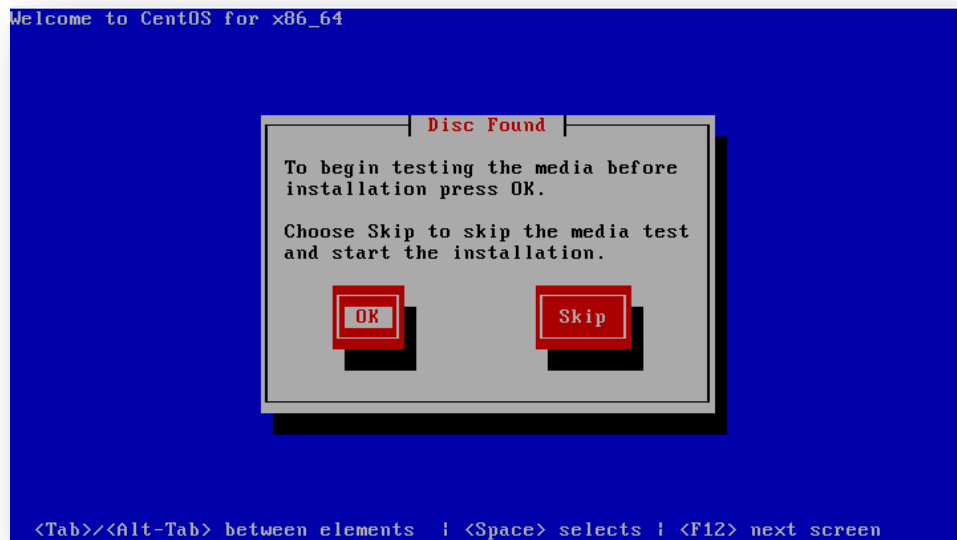
Important: For this guide, the minimal CentOS/RHEL 6.5 is shown; the minimal CentOS/RHEL 6.6 ISO also is compatible. It is highly recommended to use the minimal ISO rather than selecting **minimal** when installing a full ISO.

Download CentOS 6.5

1. Download the CentOS 6.5 minimal operating system to a workstation by clicking [here](#) and navigating to the **USA HTTP Link > 6.5 > isos > x86_64 > CentOS-6.5-x86_64-minimal.iso**
2. After the download completes, open a console to the VM and select the  (disk) icon and select **Connect to ISO on Local Disk**.
3. Browse to the CentOS 6.5 ISO and click **open**.
4. Click anywhere in the console and hit **enter**. (This forces the VM to look for a new boot source).
5. Ensure that **Install or upgrade an existing system** is selected:



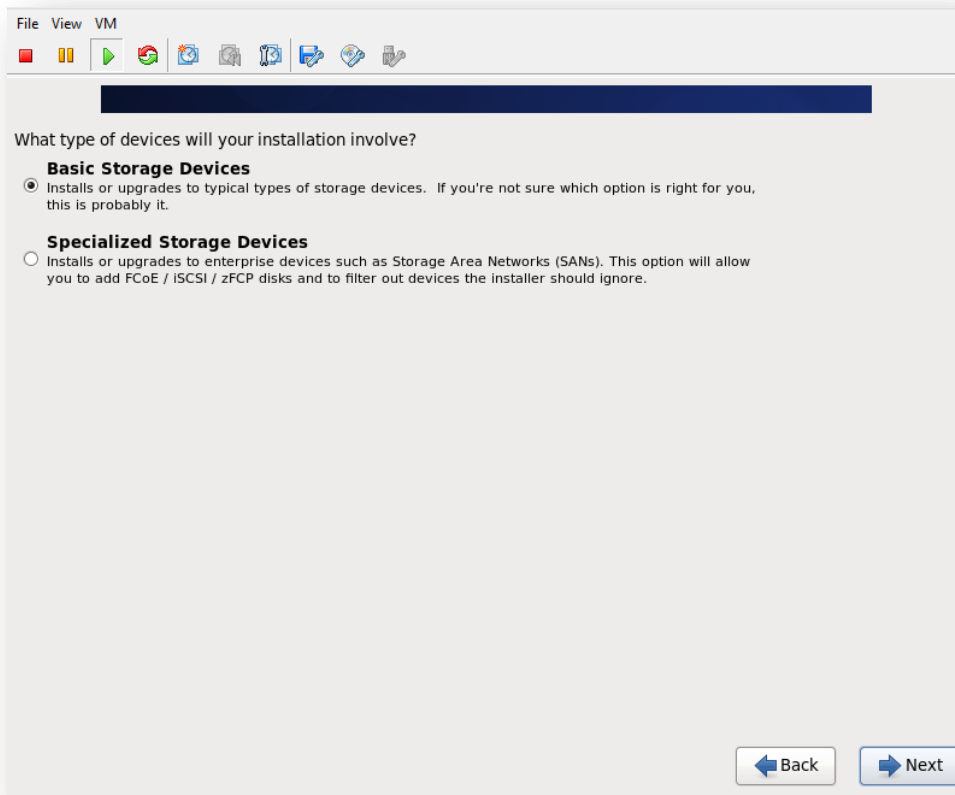
6. Allow about 10 minutes (if workstation ISO is used) to load. Hit **tab** to select **Skip** and **Enter** to continue:



7. **Next** to continue.
8. Select **English (English)** for the install language and **Next**.
9. If using a non-QWERTY keyboard, select the language used on the workstation and click **Next** to continue.

Note: When typing passwords into a remote VM the keyboard selection can cause an incorrect password to be created. Be sure that the keyboard selection is the preferred before continuing.

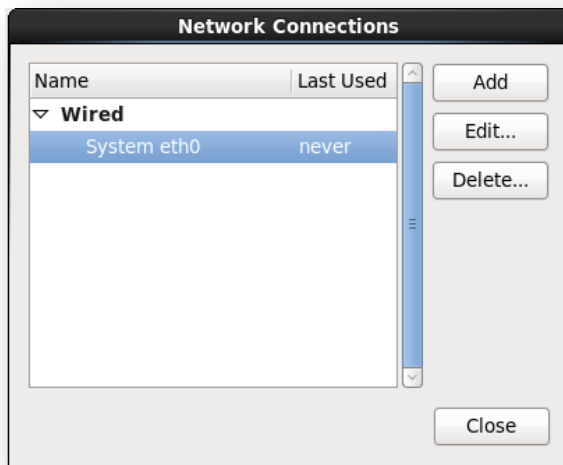
10. Select **Basic Storage Devices** and **Next**:



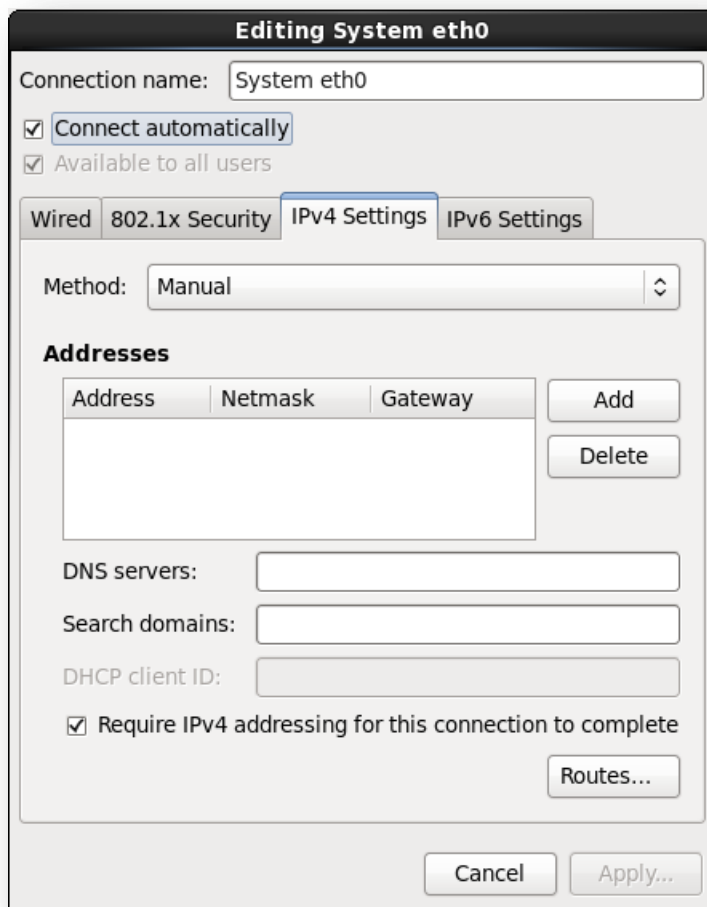
11. When prompted click **Yes, discard any data:**



12. If the tenant's hostname were **mobile.mydomain.com**, enter **mobile** for the hostname. Enter the server's hostname replacing **localhost.localdomain** and click **Configure Network**.
13. Select **System eth0** (or the available NIC) and click **Edit...**:



14. Within the **Editing System eth0** window, check the box next to **Connect automatically** and click on the **IPv4 Settings** tab:



15. For **Method** select **Manual** and in the **Addresses** area click **Add** and enter the internet protocol (IP) information for this server.

Important: It is necessary for the Mobility Suite Front End (FE) to be able to fully communicate, without outbound proxy. See [HOWTO94496](#) for a complete list of required ports.

16. Confirm the IP information and **Apply:**

Note: The IP information for this server will vary from the example shown below. Obtain a valid static IP address for the organization's systems administrator.

Editing System eth0

Connection name: System eth0

☒ Connect automatically

☒ Available to all users

Wired 802.1x Security **IPv4 Settings** IPv6 Settings

Method: Manual

Addresses

Address	Netmask	Gateway
172.19.215.14	255.255.255.0	172.19.215.1

Add Delete

DNS servers: 172.19.216.6

Search domains:

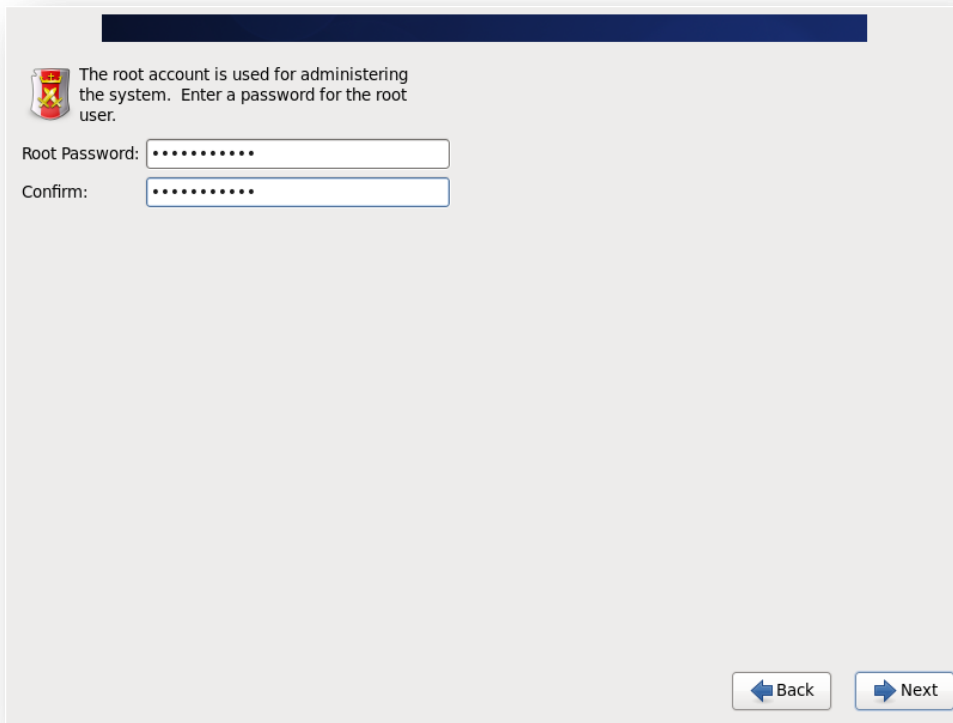
DHCP client ID:

☒ Require IPv4 addressing for this connection to complete

Routes...

Cancel Apply...

17. Click **Close** on the Network Connections sub-window and **Next** on the parent window.
18. Ensure that the **System clock uses UTC** is checked and the **America/Los Angeles** time zone is selected and **Next**.
19. Enter and confirm a [complex](#) root password and **Next:**



The screenshot shows a window with a dark blue header bar. Below the header, on the left, is a small icon of a shield with a red cross. To the right of the icon, the text reads: "The root account is used for administering the system. Enter a password for the root user." Below this text are two input fields. The first is labeled "Root Password:" and the second is labeled "Confirm:". Both fields contain a series of dots, indicating that the passwords are masked. At the bottom right of the window, there are two buttons: "Back" with a left-pointing arrow and "Next" with a right-pointing arrow.

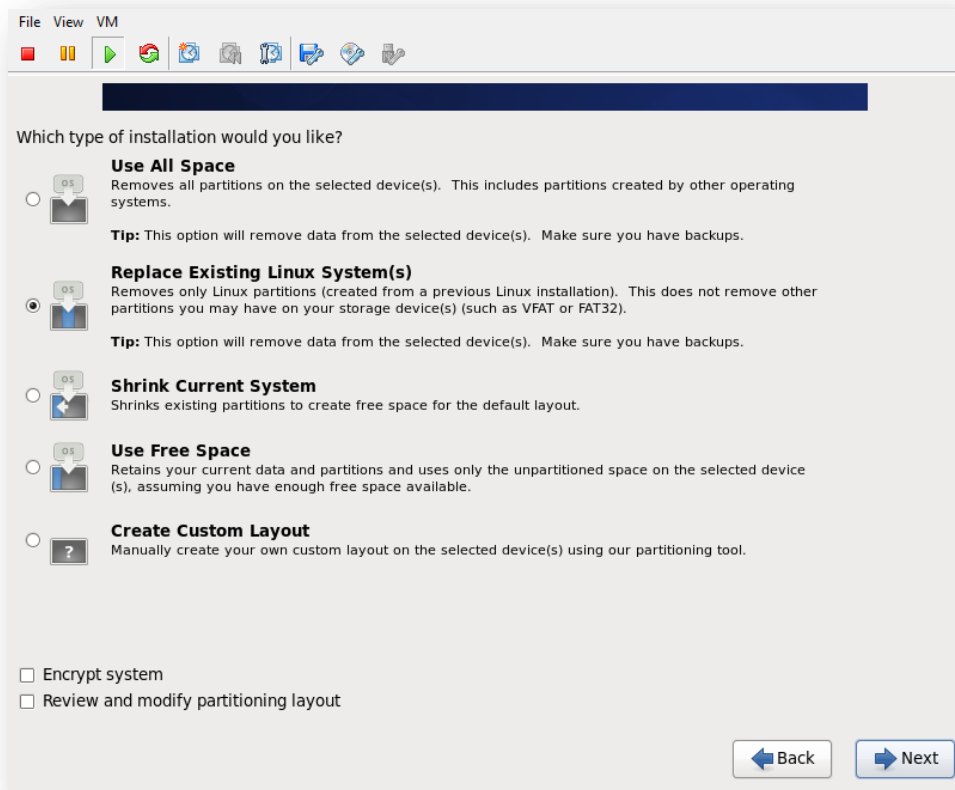
The root account is used for administering the system. Enter a password for the root user.

Root Password:

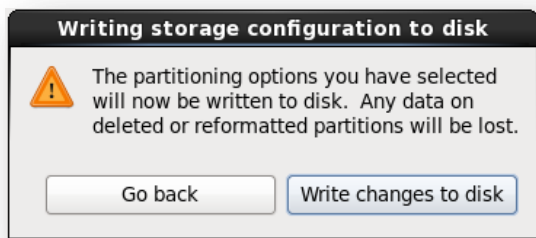
Confirm:

[Back](#) [Next](#)

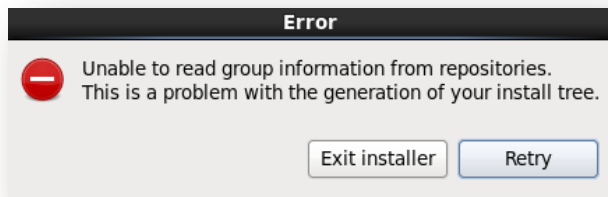
20. Use the default installation type: **Replace Existing Linux System(s)** and leave the encryption and partition layout options unchecked:



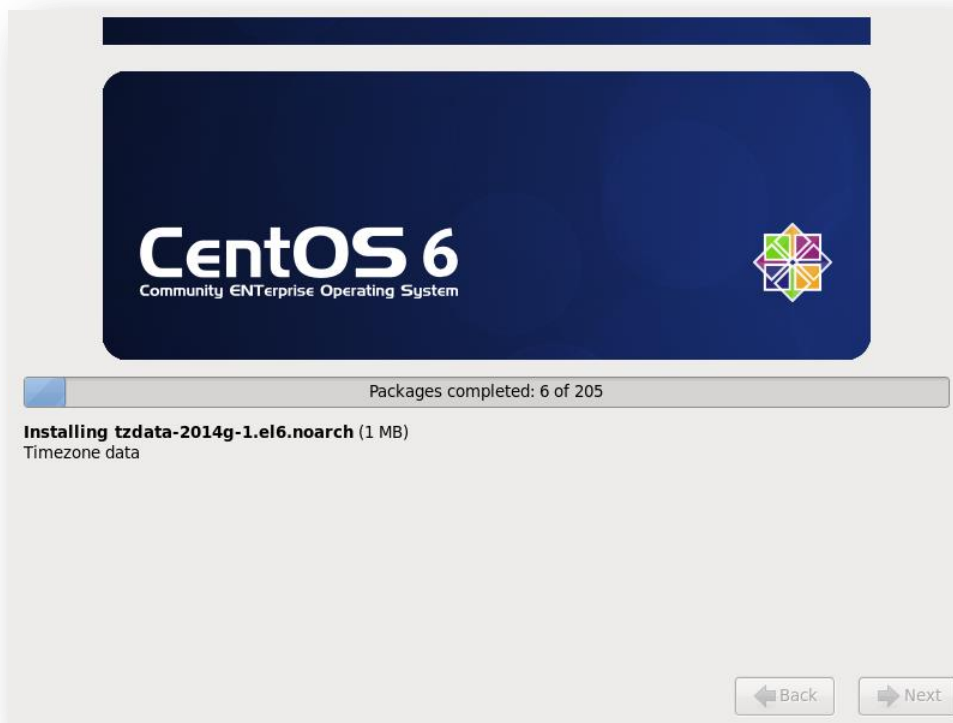
21. When prompted select **Write changes to disk:**



Note: If the following error occurs reconnect the CentOS ISO to the VM console (steps 18-19) and select **Retry**. Allow about 10 minutes for the disk to reconnect. If that fails, select **Exit installer**, power off and delete the VM. Repeat steps 1-35 and ensure that there is a solid connection between the workstation and VMware host:



22. If prompted for installation type, select **Minimal**.
23. The OS installation should now proceed. This can take up to 1 hour depending on host performance/utilization factors :



24. Once the CentOS installation is complete, select **Reboot**.

Tip: To view a detailed (retro) startup menu press the **F2** key.

Note: If the boot priority is set to boot from optical drive, the CentOS ISO needs to be un-mounted from the system.

25. Log into the system as **root** using the complex password created during the OS installation. Continue to [Root Shell Access](#):


```
CentOS release 6.6 (Final)  
Kernel 2.6.32-504.el6.x86_64 on an x86_64  
  
localhost login: root  
Password:  
[root@localhost ~]# _
```