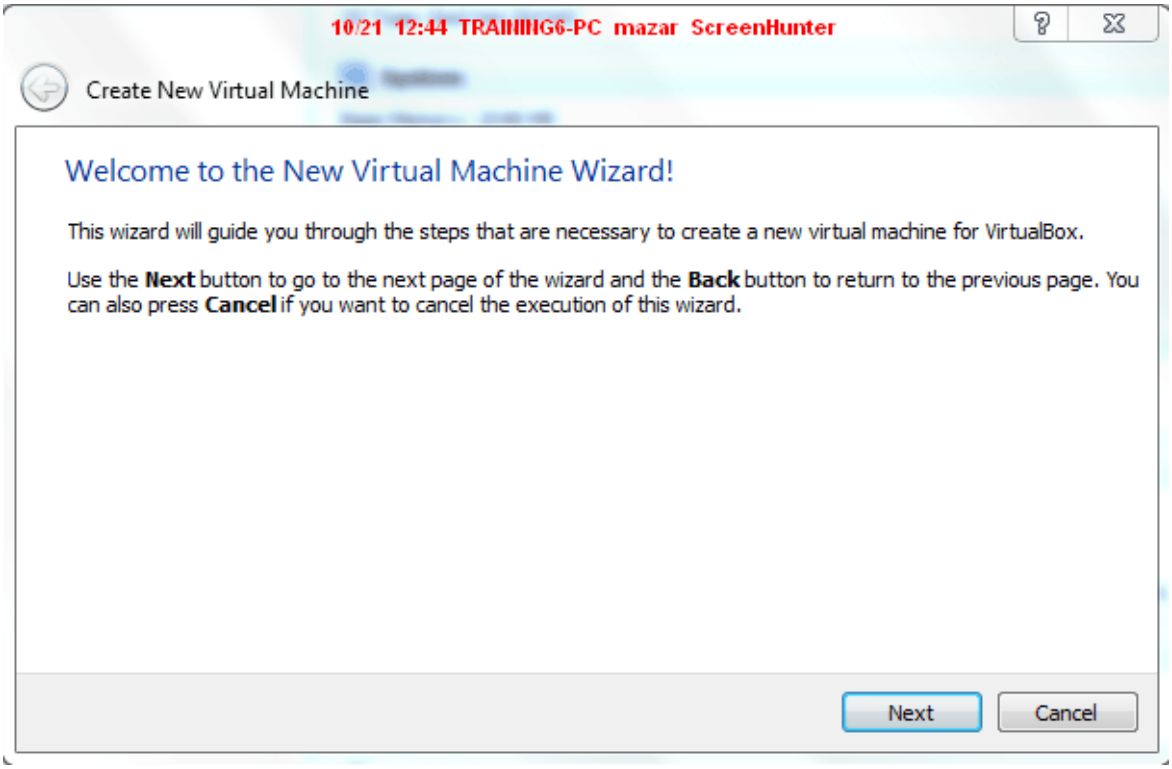
Redhat Linux Server 6 installation guide on Virtual Box

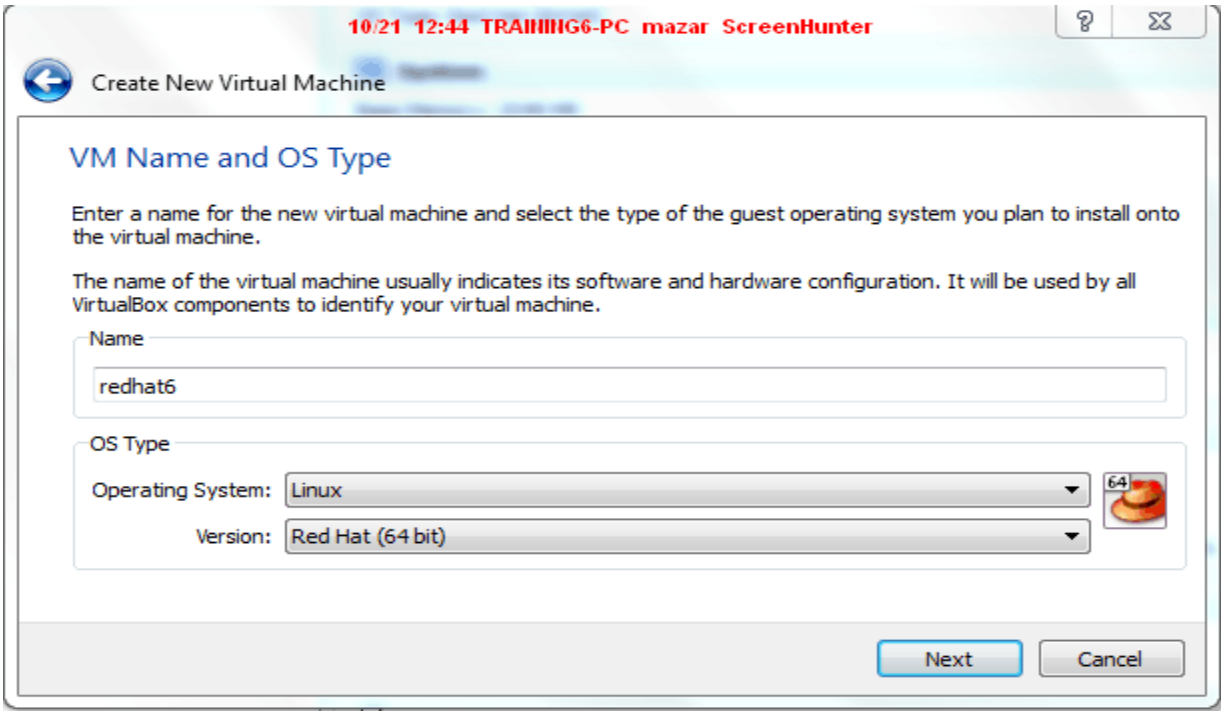
Note : Here I'm going to install Redhat 6 server edition not for Desktop edition so you can not get GUI.

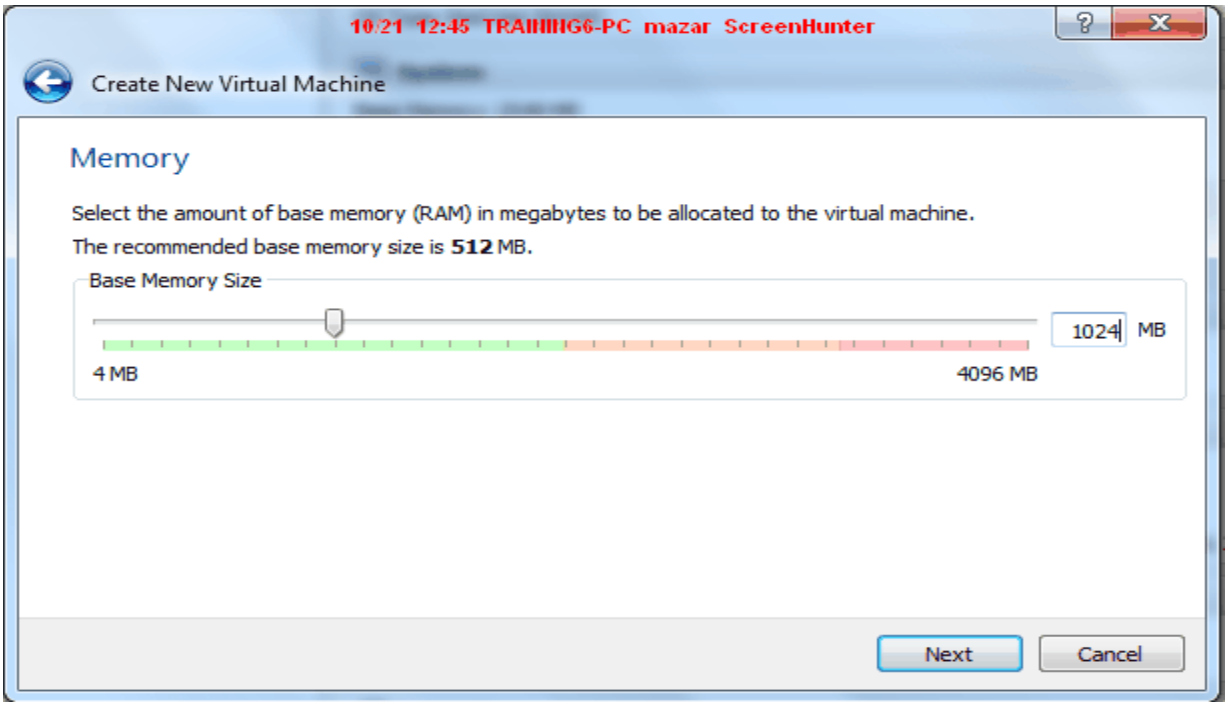
Download Redhat Linux 6

http://www.redhat.com/download/howto_download.html/

Step 1: Create new virtual machine




10/21 12:44 TRAINING6-PC mazar ScreenHunter
Create New Virtual Machine
VM Name and OS Type
Enter a name for the new virtual machine and select the type of the guest operating system you plan to install onto the virtual machine.
The name of the virtual machine usually indicates its software and hardware configuration. It will be used by all VirtualBox components to identify your virtual machine.
Name
redhat6
OS Type
Operating System: Linux
Version: Red Hat (64 bit)
Next
Cancel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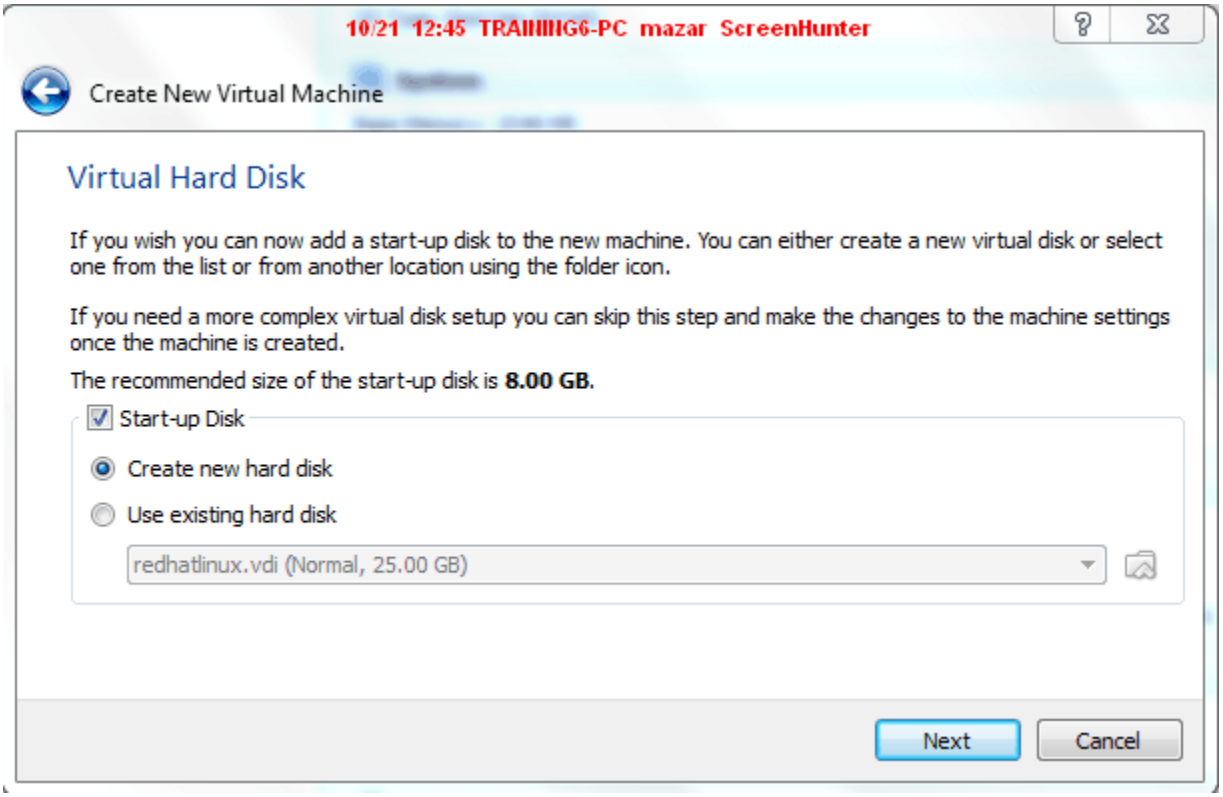
Create New Virtual Machine
Memory
Select the amount of base memory (RAM) in megabytes to be allocated to the virtual machine.
The recommended base memory size is 512 MB.
Base Memory Size
1024 MB
4 MB
4096 MB
Next
Cancel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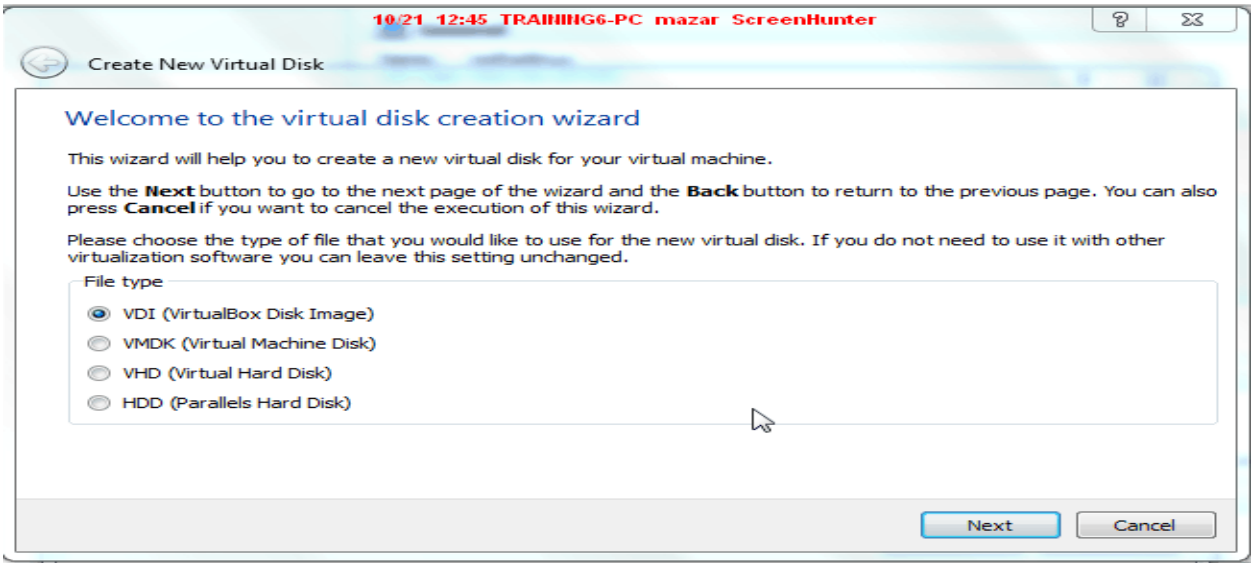
Create New Virtual Machine
Virtual Hard Disk
If you wish you can now add a start-up disk to the new machine. You can either create a new virtual disk or select one from the list or from another location using the folder icon.
If you need a more complex virtual disk setup you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the start-up disk is 8.00 GB.
Start-up Disk
Create new hard disk
Use existing hard disk
redhatlinux.vdi (Normal, 25.00 GB)
Next
Cancel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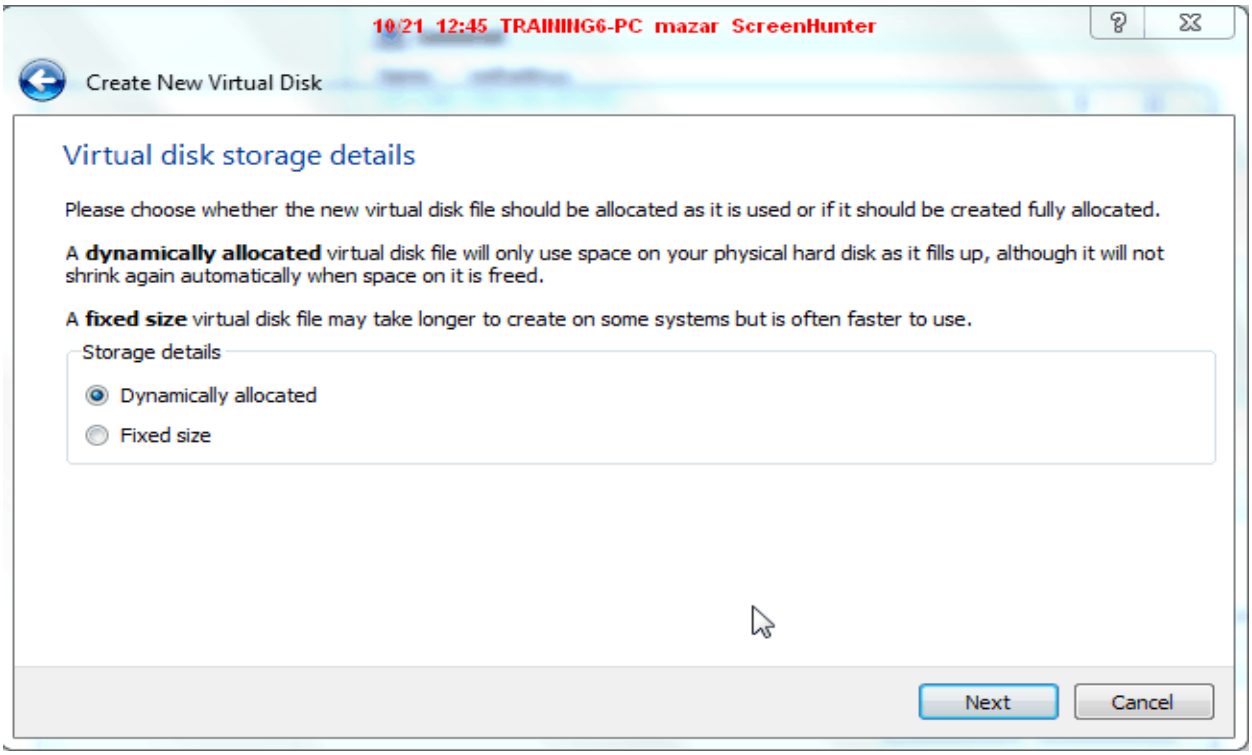
Create New Virtual Disk
Welcome to the virtual disk creation wizard
This wizard will help you to create a new virtual disk for your virtual machine.
Use the Next button to go to the next page of the wizard and the Back button to return to the previous page. You can also press Cancel if you want to cancel the execution of this wizard.
Please choose the type of file that you would like to use for the new virtual disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.
File type
VDI (VirtualBox Disk Image)
VMDK (Virtual Machine Disk)
VHD (Virtual Hard Disk)
HDD (Parallels Hard Disk)
Next
Cancel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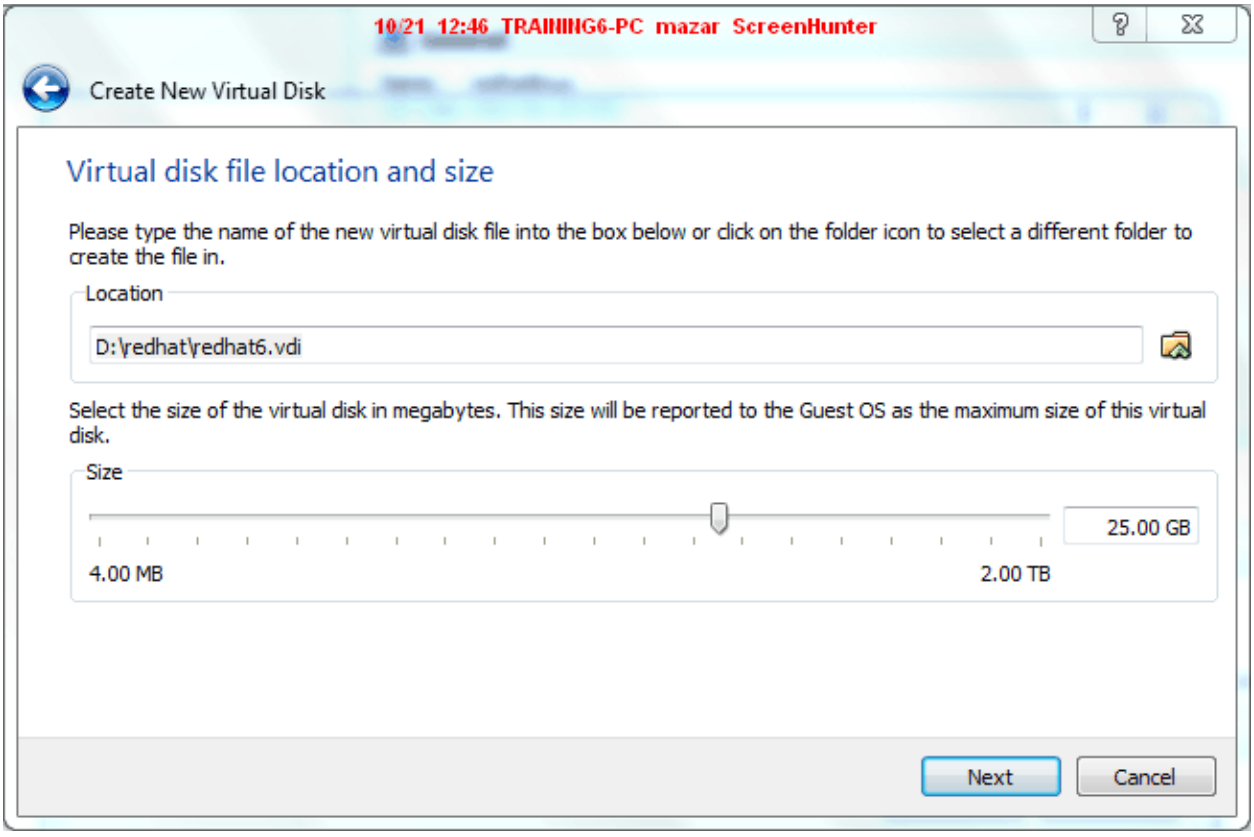
Create New Virtual Disk
Virtual disk storage details
Please choose whether the new virtual disk file should be allocated as it is used or if it should be created fully allocated.
A dynamically allocated virtual disk file will only use space on your physical hard disk as it fills up, although it will not shrink again automatically when space on it is freed.
A fixed size virtual disk file may take longer to create on some systems but is often faster to use.
Storage details
Dynamically allocated
Fixed size
Next
Cancel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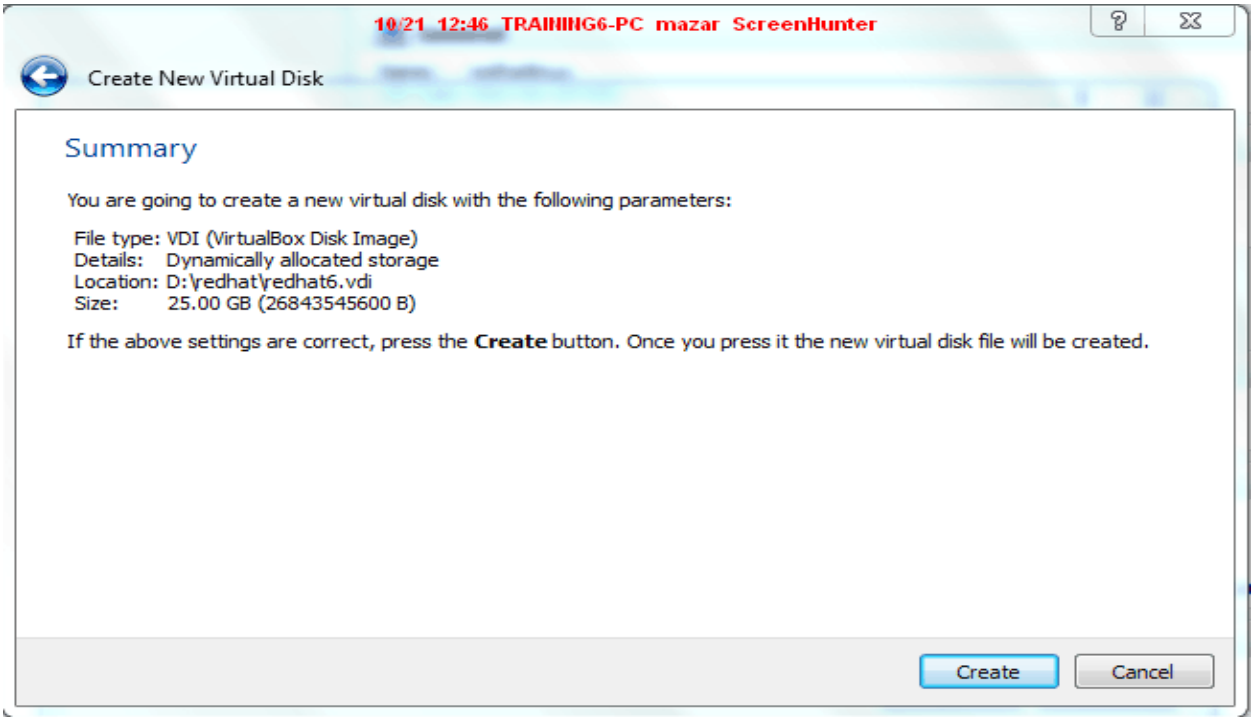
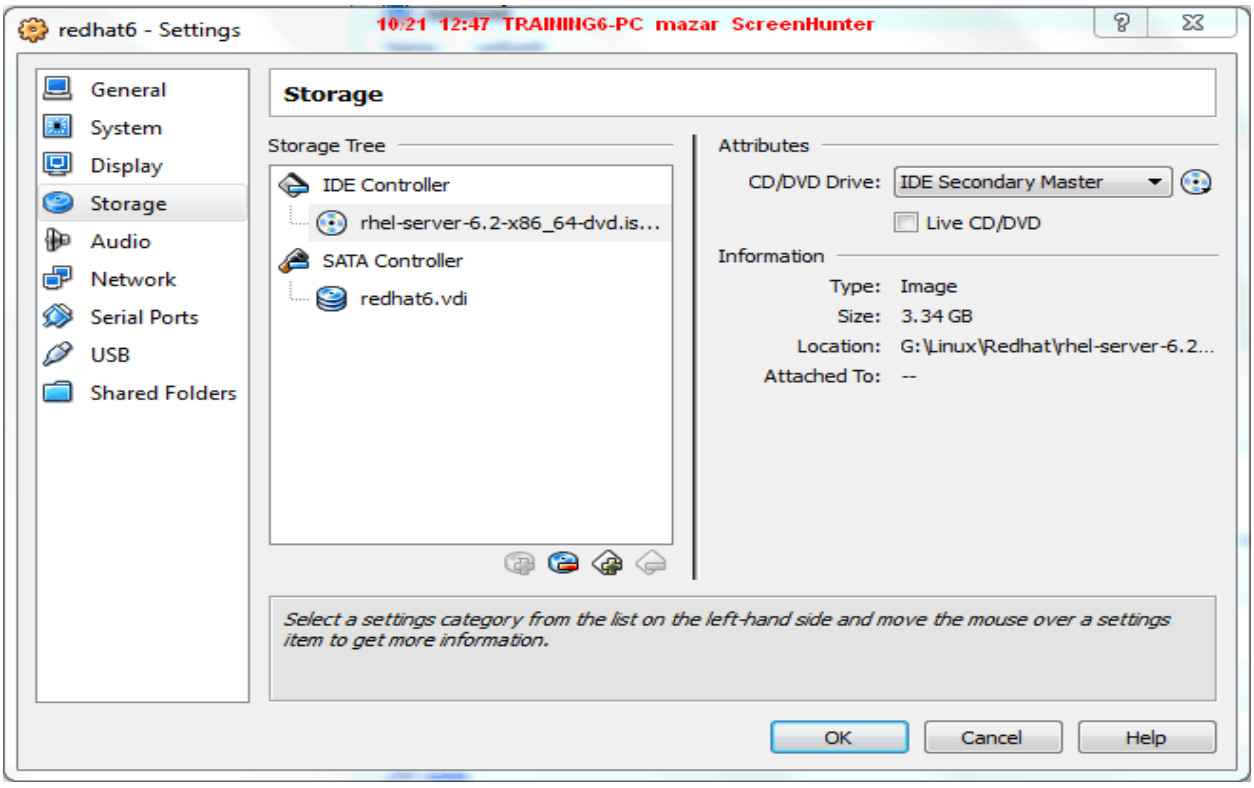
Create New Virtual Disk
Virtual disk file location and size
Please type the name of the new virtual disk file into the box below or click on the folder icon to select a different folder to create the file in.
Location
D:\redhat\redhat6.vdi
Select the size of the virtual disk in megabytes. This size will be reported to the Guest OS as the maximum size of this virtual disk.
Size
25.00 GB
4.00 MB
2.00 TB
Next
Cancel

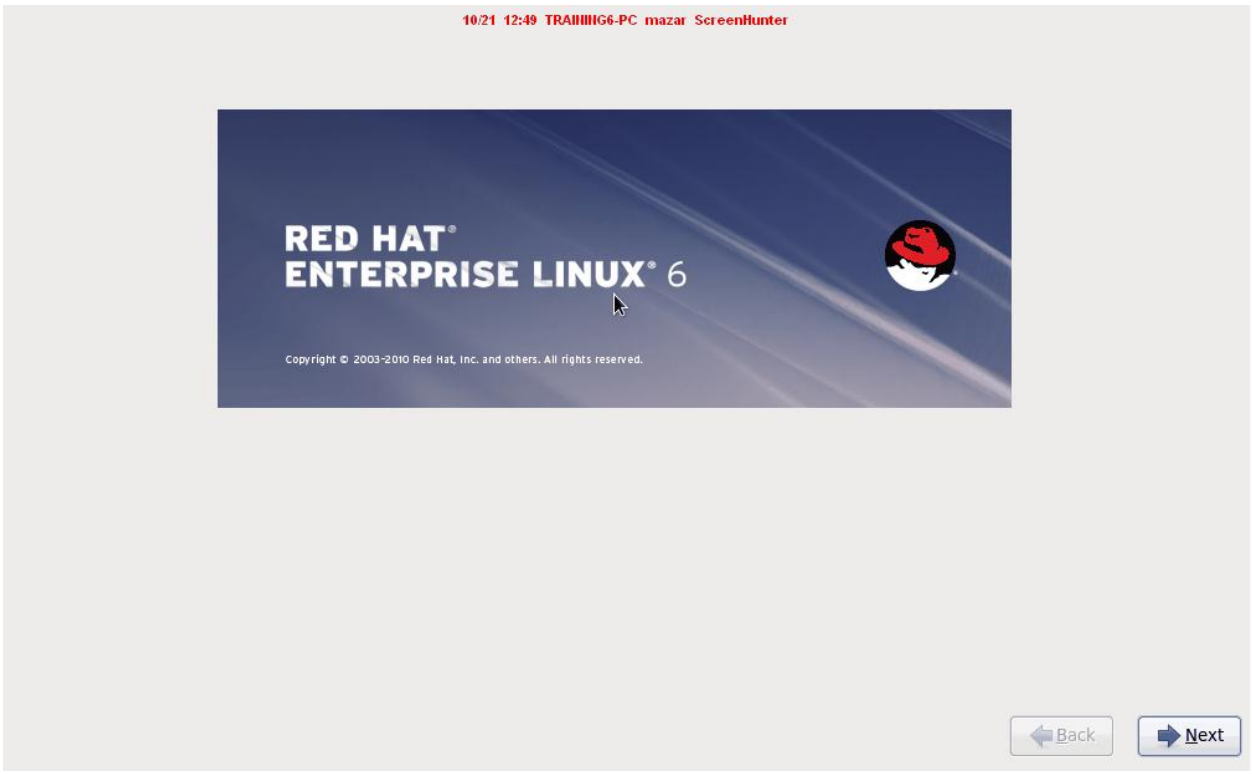


Step 2: Choose Redhat Linux OS ISO File



Step 3: Start Redhat Linux 6 OS installation procedure

Welcome to Red Hat Enterprise Linux 6 x86_64
Disc Found
To begin testing the media before installation press OK.
Choose Skip to skip the media test and start the installation.
OK
Skip
<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen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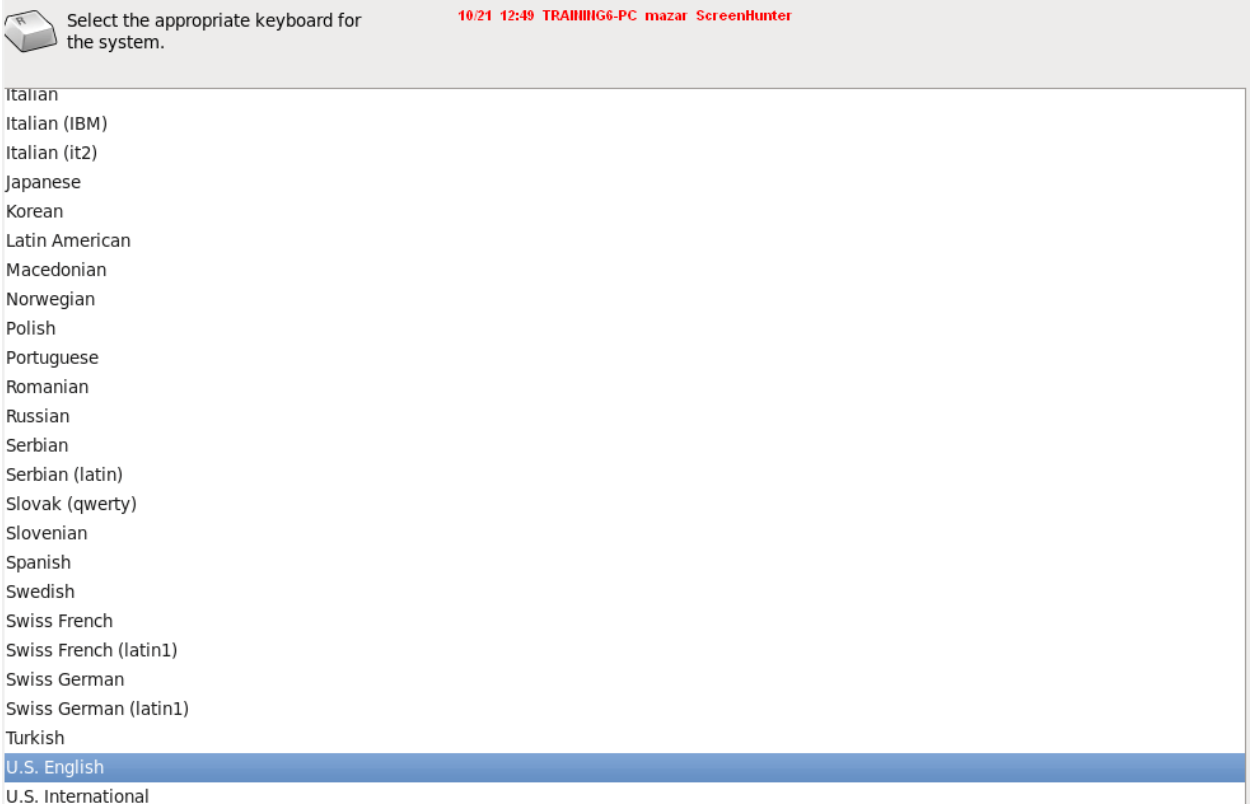
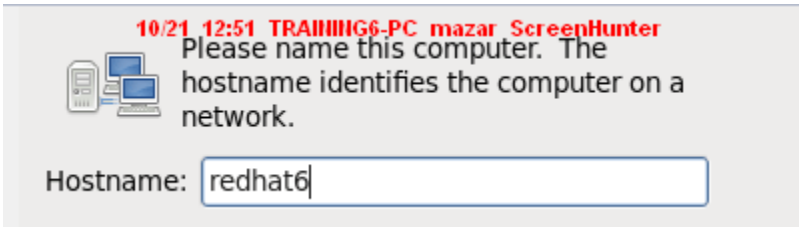
Back
Next


Select the appropriate keyboard for the system.
10/21 12:49 TRAINING6-PC mazar ScreenHunter
Italian
Italian (IBM)
Italian (it2)
Japanese
Korean
Latin American
Macedonian
Norwegian
Polish
Portuguese
Romanian
Russian
Serbian
Serbian (latin)
Slovak (qwerty)
Slovenian
Spanish
Swedish
Swiss French
Swiss French (latin1)
Swiss German
Swiss German (latin1)
Turkish
U.S. English
U.S. International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Please name this computer. The hostname identifies the computer on a network.
Hostname: redhat6

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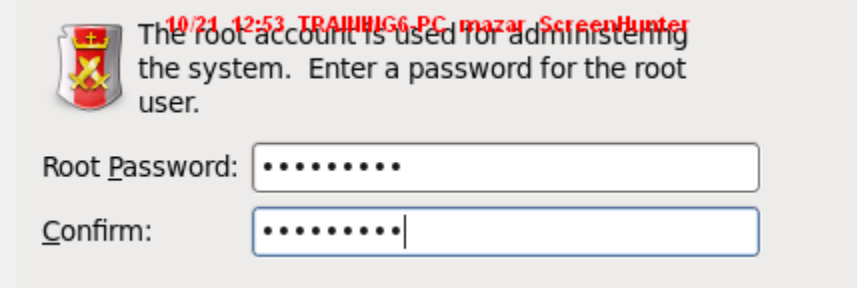
Please select the nearest city in your time zone:
Riyadh
Dar es Salaam, Africa
Selected city: Riyadh, Asia
Asia/Riyadh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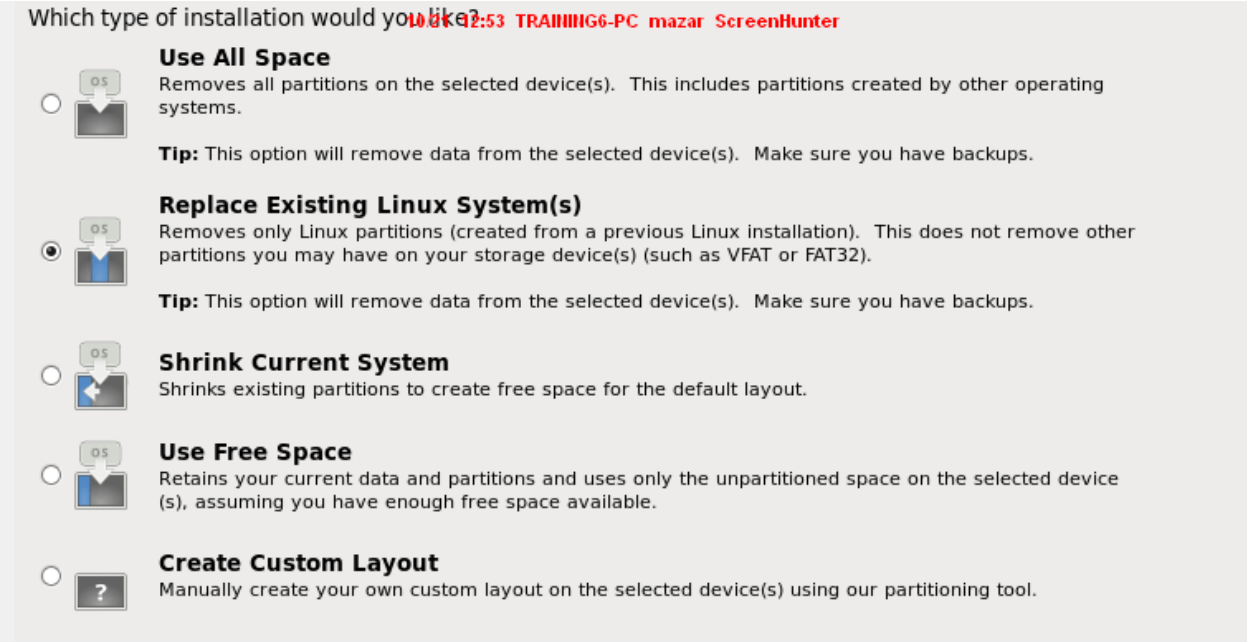
The root account is used for administering the system. Enter a password for the root user.
Root Password:
Confirm:


Which type of installation would you like?
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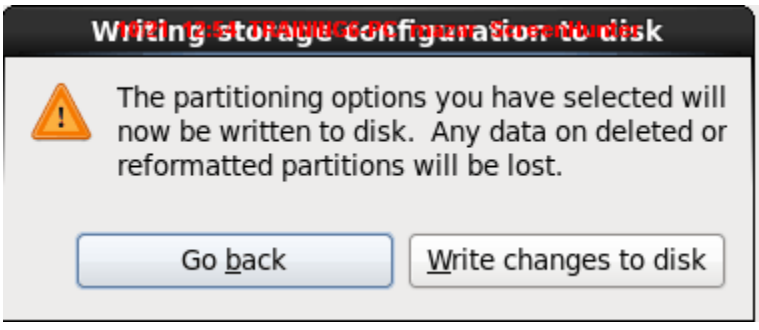
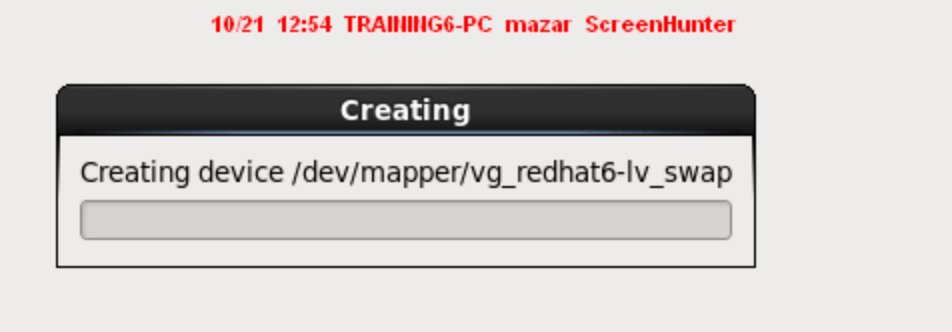
Use All Space
Removes all partitions on the selected device(s). This includes partitions created by other operating systems.
Tip: This option will remove data from the selected device(s). Make sure you have backups.
Replace Existing Linux System(s)
Removes only Linux partitions (created from a previous Linux installation). This does not remove other partitions you may have on your storage device(s) (such as VFAT or FAT32).
Tip: This option will remove data from the selected device(s). Make sure you have backups.
Shrink Current System
Shrinks existing partitions to create free space for the default layout.
Use Free Space
Retains your current data and partitions and uses only the unpartitioned space on the selected device (s), assuming you have enough free space available.
Create Custom Layout
Manually create your own custom layout on the selected device(s) using our partitioning tool.


Writing storage config to disk
The partitioning options you have selected will now be written to disk. Any data on deleted or reformatted partitions will be lost.
Go back
Write changes to disk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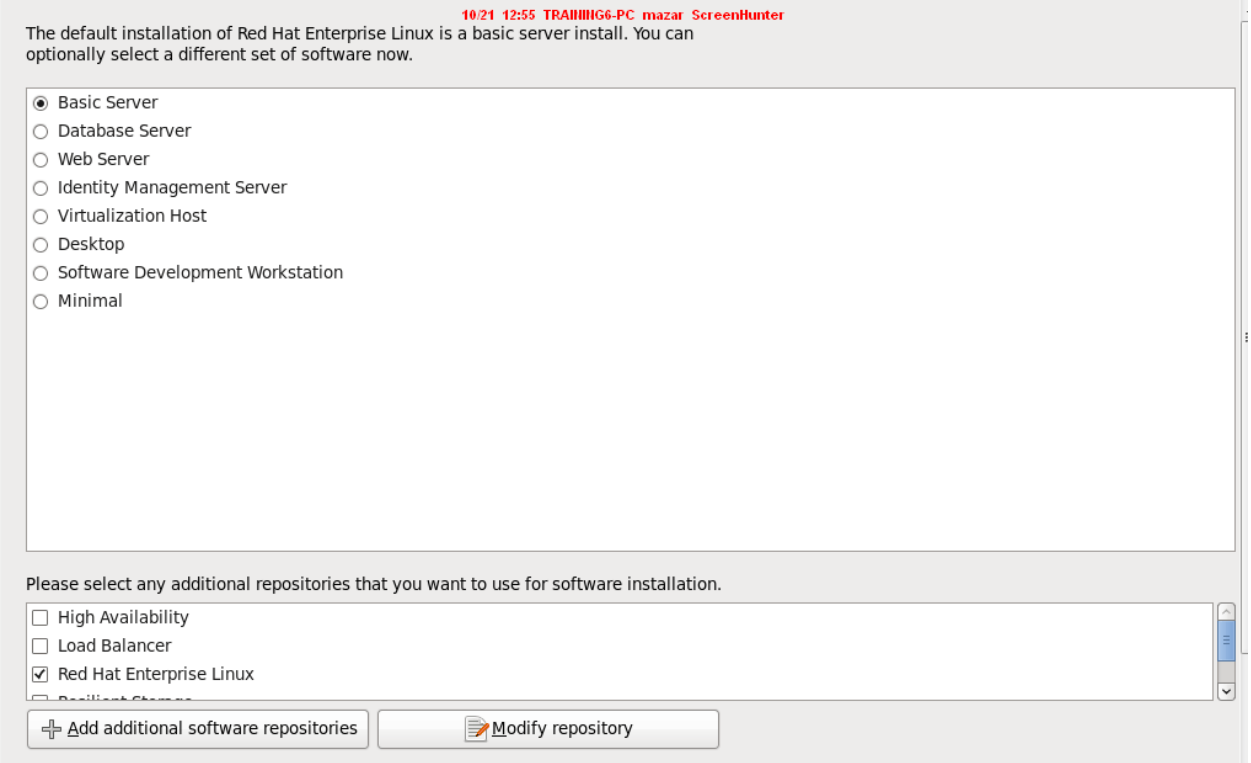
Creating
Creating device /dev/mapper/vg_redhat6-lv_swap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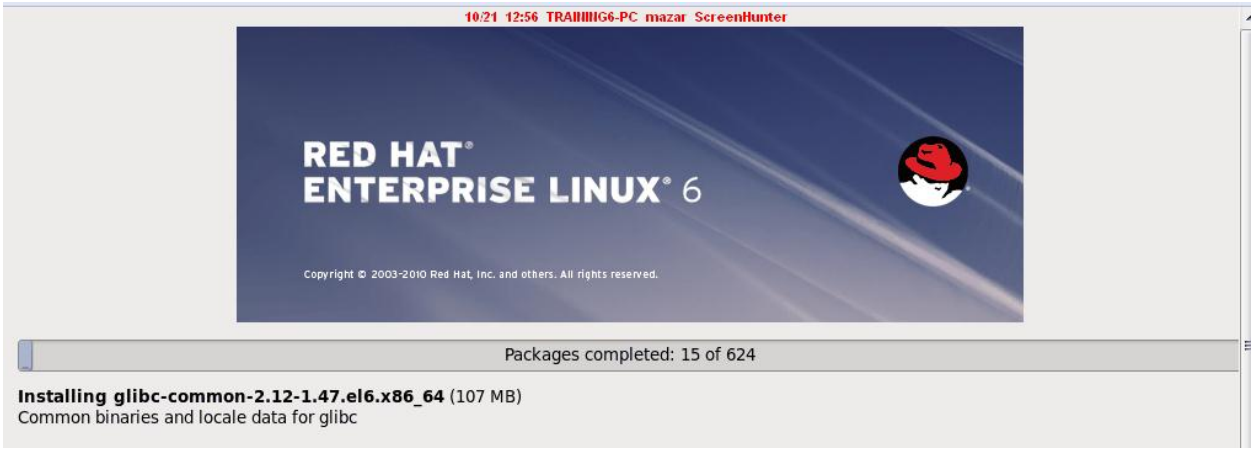
The default installation of Red Hat Enterprise Linux is a basic server install. You can optionally select a different set of software now.
Basic Server
Database Server
Web Server
Identity Management Server
Virtualization Host
Desktop
Software Development Workstation
Minimal
Please select any additional repositories that you want to use for software installation.
High Availability
Load Balancer
Red Hat Enterprise Linux
Add additional software repositories
Modify repository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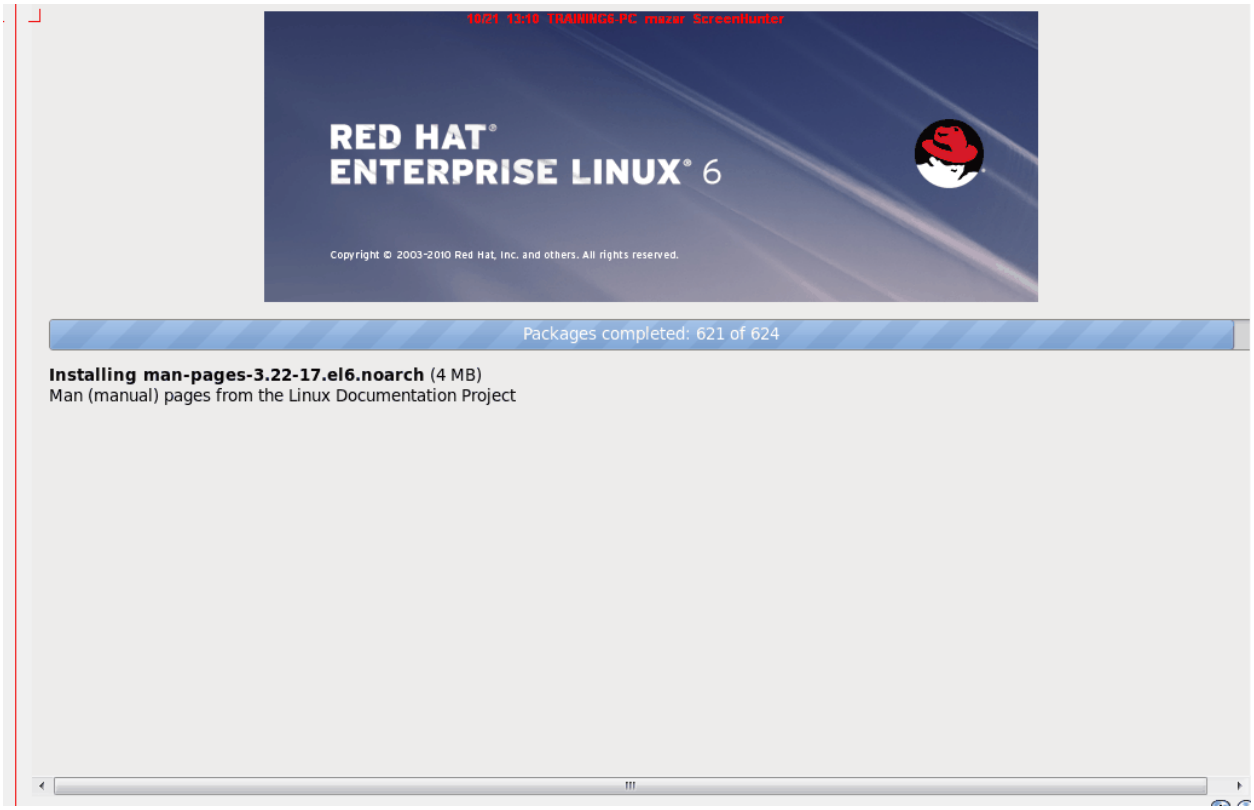
Packages completed: 15 of 624
Installing glibc-common-2.12-1.47.el6.x86_64 (107 MB)
Common binaries and locale data for glibc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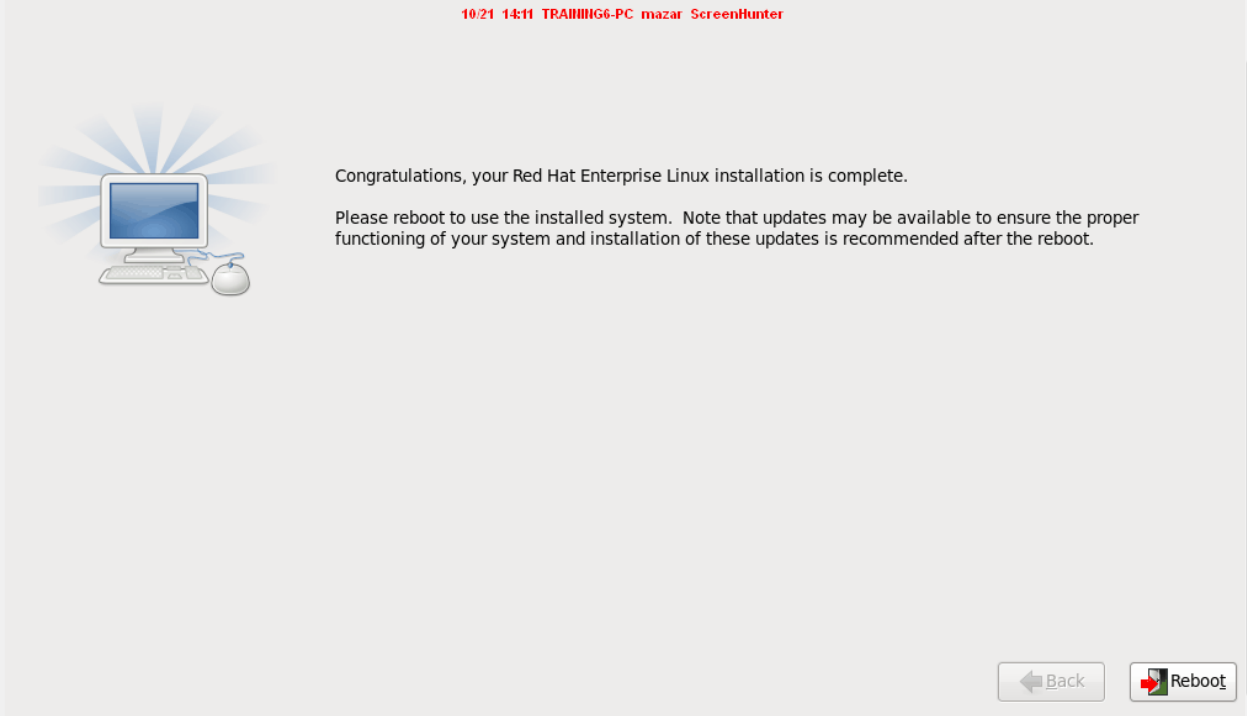
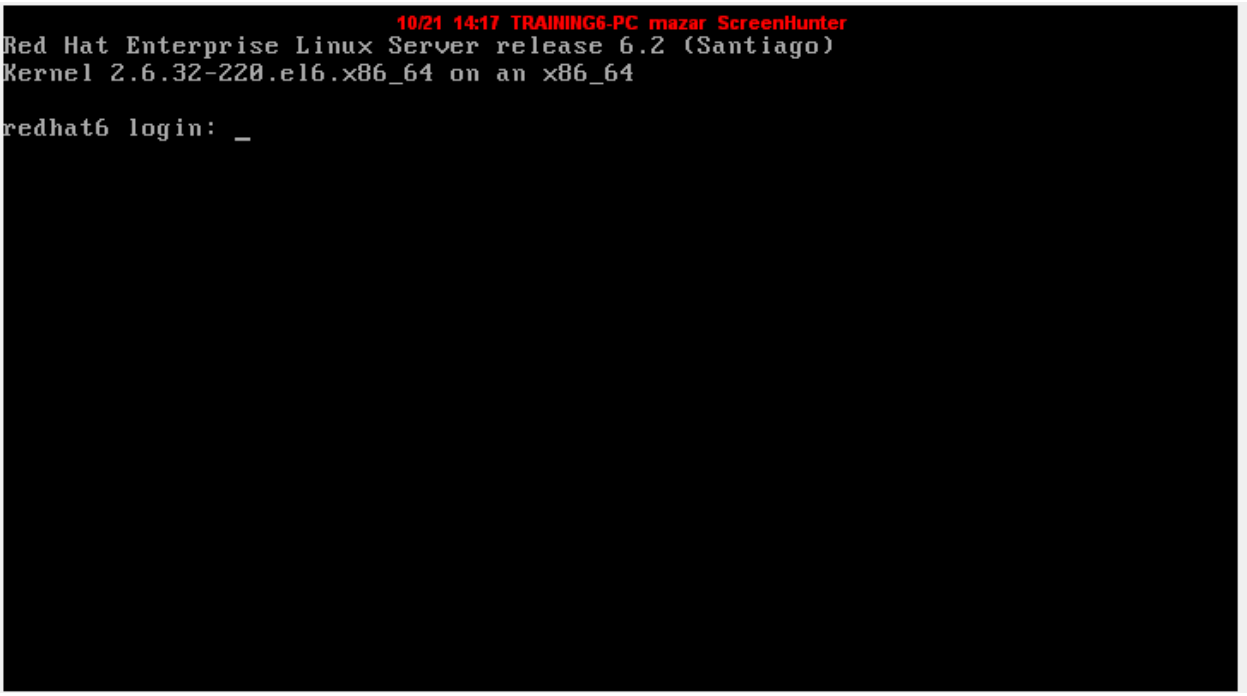
Packages completed: 621 of 624
Installing man-pages-3.22-17.el6.noarch (4 MB)
Man (manual) pages from the Linux Documentation Project



Step 4: Reboot machine , you can get server terminal and remember you cannot invoke gui and login as a root user and password.