**What I learn so far?**

**Q1 How to install Linux Red Hat 7.6 on VMware?**

**Minimum requirements:**

**1 GB** of Memory  
**1 CPU** or vCPU  
**1 NIC**  
**10 GB** minimum disk space, But **20 GB** is the recommended size.

**Steps:**

1. Install VMware Workstation
2. Download Red Hat 7.6 ISO file.
3. Select first option “Install Red Hat Enterprise 7.6 Linux”
4. Hit enter
5. Select your installation time language
6. Configure Time Zone
7. Select Minimal Installation
8. Choosing the installation destination and customizing the required size of the file system is very important
9. Configure network and hostname.
10. Back to installation summary
11. Than select begin installation.

**Mount Linux Red Hat 7.6:**

* Copy ISO file in VM machine using WinCP.
* Create a folder using this command

mkdir /mnt/RHEL

* Open VI editor

vi /etc/yum.repos.d/rhel.repo

* Pasted the following line in VI editor.

[rhel-dvd]

name=Red Hat Enterprise Linux $releasever - $basearch - DVD

baseurl=file:///mnt/RHEL/

enabled=1

gpgcheck=0

**Check whether the ISO file is munt Or Not?**

ls /mnt/RHEL

It can’t show any file which means file in not mount.

**This command must be run to mount ISO file.**

mount -o loop rhel-server-7.6-x86\_64-dvd.iso /mnt/RHEL/

**Q#03 Write a script to check zip Unzip and dos2unix file and If installation file is not found than install this file?**

#!/bin/bash

if (yum list installed | grep zip);then

echo "Zip is installed"

else

echo "Zip is not installed"

fi

if (yum list installed | grep dos2unix);then

echo "dos2unix is installed"

else

echo "dos2unix is not installed"

fi

if (yum list installed | grep unzip);then

echo "unzip is installed"

else

echo "unzip is not installed"

fi

--------------------------------------------

Or

#!/bin/bash

if (yum list installed | grep zip);then

echo "Zip is installed"

else

echo "Zip is not install"

!

echo "--------Zip installation-----"

sudo yum install wget zip file

fi

if (yum list installed | grep dos2unix);then

echo "dos2unix is installed"

else

echo "dos2unix is not installed"

!

echo "--------dos2unix installation-----"

sudo yum install dos2unix

fi

if (yum list installed | grep unzip);then

echo "unzip is installed"

else

echo "unzip is not installed"

!

echo "--------unzip installation-----"

sudo yum install wget unzip file

fi\

Window Server 2012 Installation

Steps:

* **Download** Windows Server 2012 – <http://aka.ms/getwin2012>
* Import ISO file in VMware workstation.
* Take the defaults on the Language screen, and click **next**.
* Click **Install now**on the install screen
* Click the **first line** item for the **GUI i.e. window server 2012 standard**
* Read License Agreement, Turn on **Checkbox “I accept the license terms,”** and then click **next.**
* Click **Custom: Install Windows only (Advanced).**
* **Create new drive for installation**
* It will then start copying files. This will take a while (could be 20 mines or so depending on hardware performance).It will reboot a couple times (automatically).
* In the **Password** box, enter a new password for this computer
* Press Ctrl-Alt-Delete at the same time to get the login screen
* Enter password and press enter.

**Batch Scripting:**

sed '/^$/d' task1.txt

sed '/^["$/d task1.txt > task2.txt

sed '3n; 2,5 s/[[:space:]]//g' file

cat task1.txt | sed 's/[[:space:]]{12}$//g' task1.txt > task2.txt

awk watch | awk '{ gsub(/[ ]+/," "); print }'

cat task1.txt | awk -F, '/watch/{gsub(/ /,""); print}'