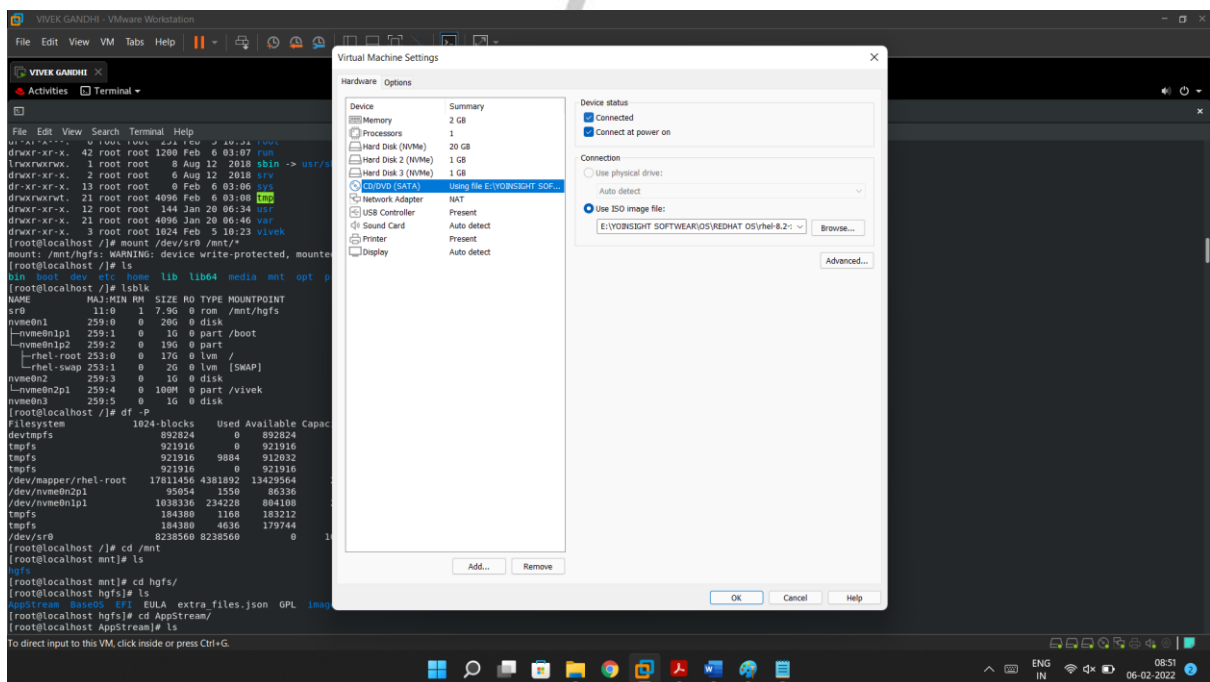
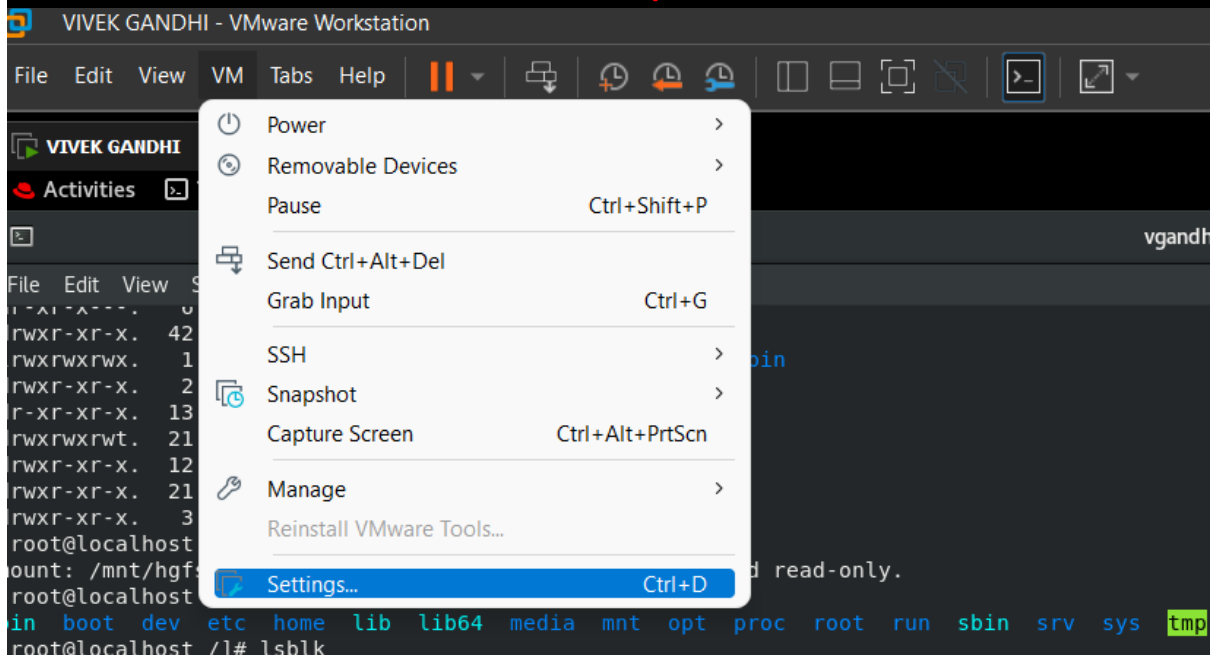


Program management

RPM –REDHAT PACKAGE MANAGER

First connect to cd/dvd in linux



Than reboot system

Connect DVD to server and mount it

MOUNT SOURCE PATH DESTINATION PATH

```
[root@localhost vgandhi]# mount /dev/sr0 /mnt
mount: /mnt: WARNING: device write-protected, mounted read-only.
```

Program management

CHECK MOUNT DRIVE OR NOT

df -hP

```
[root@localhost vgandhi]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        872M   0  872M   0% /dev
tmpfs           901M   0  901M   0% /dev/shm
tmpfs           901M  9.7M  891M   2% /run
tmpfs           901M   0  901M   0% /sys/fs/cgroup
/dev/mapper/rhel-root 17G  4.2G   13G  25% /
/dev/nvme0n1p1 1014M 229M  786M  23% /boot
tmpfs           181M  1.2M  179M   1% /run/user/42
tmpfs           181M  4.6M  176M   3% /run/user/1000
/dev/sr0        7.9G  7.9G   0 100% /mnt
```

find rpm for vsftpd

cd /mnt/AppStream/Packages/

```
[root@localhost /]# cd /mnt
[root@localhost mnt]# ls
hgfs
[root@localhost mnt]# cd /hgfs
bash: cd: /hgfs: No such file or directory
[root@localhost mnt]# cd hgfs
[root@localhost hgfs]# ls
AppStream BaseOS EFI EULA extra.files.json GPL images isolinux media.repo RPM-GPG-KEY-redhat-beta RPM-GPG-KEY-redhat-release
[root@localhost hgfs]# cd AppStream/
[root@localhost AppStream]# ls
Packages repodata
[root@localhost AppStream]# cd Packages/
[root@localhost Packages]# ls
389-ds-base-1.4.2.4-8.module+el8.2.0+5959+cfcaedbd.x86_64.rpm          libxshmfence-1.3-2.el8.x86_64.rpm
389-ds-base-devel-1.4.2.4-8.module+el8.2.0+5959+cfcaedbd.x86_64.rpm  libxshmfence-devel-1.3-2.el8.x86_64.rpm
389-ds-base-legacy-tools-1.4.2.4-8.module+el8.2.0+5959+cfcaedbd.x86_64.rpm  libxshmfence-devel-1.3-2.el8.x86_64.rpm
389-ds-base-lib-1.4.2.4-8.module+el8.2.0+5959+cfcaedbd.x86_64.rpm      libxshmfence-devel-1.3-2.el8.x86_64.rpm
```

Install vsftpd

rpm -ivh software name

```
[root@localhost Packages]# ls -lh vsftpd*
-r--r--r--. 150 vgandhi vgandhi 180K Feb 17 2020 vsftpd-3.0.3-31.el8.x86_64.rpm
[root@localhost Packages]# rpm -ivh vsftpd-3.0.3-31.el8.x86_64.rpm
warning: vsftpd-3.0.3-31.el8.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID fd431d51: NOKEY
Verifying... ##### [100%]
Preparing... ##### [100%]
Updating / installing...
 1:vsftpd-3.0.3-31.el8 ##### [100%]
[root@localhost Packages]#
```

start the service of ftp server

```
[root@localhost Packages]# systemctl start vsftpd
[root@localhost Packages]# systemctl status vsftpd
● vsftpd.service - Vsftpd ftp daemon
   Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; disabled; vendor preset: disabled)
   Active: active (running) since Sun 2022-02-06 04:05:09 EST; 7s ago
     Process: 32420 ExecStart=/usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf (code=exited, status=0/SUCCESS)
    Main PID: 32421 (vsftpd)
       Tasks: 1 (limit: 11160)
      Memory: 552.0K
         CGroup: /system.slice/vsftpd.service
                └─32421 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

Feb 06 04:05:09 localhost.localdomain systemd[1]: Starting Vsftpd ftp daemon...
Feb 06 04:05:09 localhost.localdomain systemd[1]: Started Vsftpd ftp daemon.
[root@localhost Packages]# systemctl enable vsftpd
Created symlink /etc/systemd/system/multi-user.target.wants/vsftpd.service → /usr/lib/systemd/system/vsftpd.service.
```

copy dvd content onto ftp location as below

```
[root@localhost Packages]# cd /var
[root@localhost var]# ls
account adm cache crash db empty ftp games gopher kerberos lib loc
[root@localhost var]# cd ftp
[root@localhost ftp]# ls
pub
[root@localhost ftp]# cdp
bash: cdp: command not found...
[root@localhost ftp]# cd pub/
[root@localhost pub]# ls
red8v
[root@localhost pub]# cd red8v/
[root@localhost red8v]# ls
sr0
[root@localhost red8v]#
```

Program management

`mkdir -p /var/ftp/pub/rhel8-dvd` - create one dir inside ftp

`cd /var/ftp/pub/rhel8-dvd` - goto created dir

`cp -rpv /mnt/* /var/ftp/pub/rhel8-dvd/` -copy DVD content

YUM – YELLOWDOG UPDATER MODIFIED

```
[root@localhost etc]# cd /etc/yum
yum/
yum.repos.d/
[root@localhost etc]# cd /etc/yum.repos.d/
[root@localhost yum.repos.d]# ls
redhat.repo
[root@localhost yum.repos.d]# vim /etc/yum.repos.d/red8v.repo
```

```
[rhel8]
name= Redhat Enterprise Linux 8.2 -AppStream
baseurl=file:///var/ftp/pub/red8v/AppStream
enabled=1
gpgcheck=0
```

```
[baseos]
name= Redhat Enterprise Linux 8.2 -baseos
baseurl=file:///var/ftp/pub/red8v/BaseOS
enabled=1
gpgcheck=0
```

```
[root@localhost etc]# cd /etc/yum
yum/
yum.repos.d/
[root@localhost etc]# cd /etc/yum.repos.d/
[root@localhost yum.repos.d]# ls
red8v.repo redhat.repo
[root@localhost yum.repos.d]# cat red8v.repo
[rhel8]
name= Redhat Enterprise Linux 8.2 -AppStream
baseurl=file:///var/ftp/pub/red8v/AppStream
enabled=1
gpgcheck=0

[baseos]
name= Redhat Enterprise Linux 8.2 -baseos
baseurl=file:///var/ftp/pub/red8v/BaseOS
enabled=1
gpgcheck=0
```

verify whether repo is working or not

```
Feb 6 04:25
vgandhi@localhost/etc/yum.repos.d
File Edit View Search Terminal Help
diffsutils dnsmasq.conf groff ksmtuned.conf mime.types pam.d rc3.d shadow tftpfiles.d
cat dnsmasq.d group ld.so.cache mke2fs.conf papersize rc4.d shadow- trusted-key.key
cockpit dracut.conf group ld.so.cache modprobe.d passwd rc5.d shells tuned
containers grub2.cfg grub2.cfb ld.so.conf.d modules-load.d passw rc6.d skel udev
cron.d es libaudit.conf motd pbs2ppa.conf rc.d smartmontools wiskit2

[root@localhost etc]# cd /etc/yum
yum/
yum.repos.d/
[root@localhost etc]# cd /etc/yum.repos.d/
[root@localhost yum.repos.d]# ls
red8v.repo redhat.repo
[root@localhost yum.repos.d]# cat red8v.repo
[rhel8]
name= Redhat Enterprise Linux 8.2 -AppStream
baseurl=file:///var/ftp/pub/red8v/AppStream
enabled=1
gpgcheck=0

[baseos]
name= Redhat Enterprise Linux 8.2 -baseos
baseurl=file:///var/ftp/pub/red8v/BaseOS
enabled=1
gpgcheck=0
[root@localhost yum.repos.d]# yum repolist
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
repo id repo name
baseos Redhat Enterprise Linux 8.2 -baseos
rhel8 Redhat Enterprise Linux 8.2 -AppStream
[root@localhost yum.repos.d]# yum list
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
Redhat Enterprise Linux 8.2 -AppStream
Errors during downloading metadata for repository 'rhel8':
:: Curl error (37): Couldn't read a file: file:///var/ftp/pub/red8v/AppStream/repodata/repomd.xml [Couldn't open file /var/ftp/pub/red8v/AppStream/repodata/repomd.xml]
Error: failed to download metadata for repo 'rhel8': Cannot download repomd.xml: Cannot download repomd.xml: All mirrors were tried
[root@localhost yum.repos.d]# yum clean all
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
0 files removed
[root@localhost yum.repos.d]#
```

Program management

Step7: verify whether repo is working or not

```
# yum clean all
# yum repolist
# yum list
```

Step8:

```
#####
YUM client side configuration
#####
```

```
[root@client ~]# cd /etc/yum.repos.d/
[root@client yum.repos.d]# vi rhel8.repo
```

```
[rhel8]
name= Redhat Enterprise Linux 8.2 -AppStream
baseurl=ftp://192.168.100.201/pub/rhel8/AppStream
enabled=1
gpgcheck=0
```

```
[baseos]
name= Redhat Enterprise Linux 8.2 -baseos
baseurl=ftp://192.168.100.201/pub/rhel8/BaseOS
enabled=1
gpgcheck=0
```

Step9: verify yum is working on client side or not

```
# yum clean all
# yum repolist
# yum list
```

Note: In rhel8 by default anonymous user is disabled in ftp server so we need to allow it as shown below

```
# vi /etc/vsftpd/vsftpd.conf
```

```
anonymous_enable=NO ---change to YES anonymous_enable=YES
```

Save the file

```
# restart the service using # systemctl restart vsftpd
```