

Local Yum Repository

1. Mount the Redhat enterprise linux dvd to /mnt directory-

```
[root@rhel9-server ~]# mount /dev/sr0 /mnt
mount: /mnt: WARNING: source write-protected, mounted read-only.
[root@rhel9-server ~]#
[root@rhel9-server ~]#
```

2. Verify it using df -Th command-

```
[root@rhel9-server ~]# df -Th
Filesystem      Type      Size  Used Avail Use% Mounted on
devtmpfs        devtmpfs  856M   0    856M  0% /dev
tmpfs           tmpfs     875M   0    875M  0% /dev/shm
tmpfs           tmpfs     350M   9.4M  341M  3% /run
/dev/nvme0n1p2  xfs       50G    11G   40G   21% /
/dev/nvme0n1p1  xfs      2.0G   222M   1.8G  11% /boot
tmpfs           tmpfs     175M   0    175M  0% /run/user/0
tmpfs           tmpfs     175M   0    175M  0% /run/user/1000
/dev/sr0        iso9660   8.0G   8.0G   0    100% /mnt
[root@rhel9-server ~]#
```

3. Move existing repository from /etc/yum.repos.d to /tmp-

```
[root@rhel9-server ~]#
[root@rhel9-server ~]# mv /etc/yum.repos.d/* /tmp/
```

4. Create directory /local_repo to copy mounted dvd contents-

```
[root@rhel9-server ~]#
[root@rhel9-server ~]# mkdir /local_repo
```

5. Create local repository file in /etc/yum.repos.d with extension .repo-

```
[root@rhel9-server ~]#
[root@rhel9-server ~]# touch /etc/yum.repos.d/local.repo
```

6. Copy the dvd content from /mnt to /local_repo-

```
[root@rhel9-server ~]#
[root@rhel9-server ~]# cp -rf /mnt/ /local_repo/
```

7. Enter repository details in local repository file in /etc/yum.repos.d/local.repo-

```
[root@rhel9-server ~]#
[root@rhel9-server ~]# vim /etc/yum.repos.d/local.repo
```

```

[AppStream]
name=Appstream-RHEL9
metadata_expire=-1
gpgcheck=1
enabled=1
baseurl=file:///local_repo/AppStream
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-release

[BaseOS]
name=BaseOS-RHEL9
metadata_expire=-1
gpgcheck=1
enabled=1
baseurl=file:///local_repo/BaseOS
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-release

```

8. Cleanup temporary repository files-

```

[root@rhel9-server ~]# yum clean all
12 files removed
[root@rhel9-server ~]#

```

9. Disable Redhat subscription warning-

```

[root@rhel9-server ~]#
[root@rhel9-server ~]# vim /etc/yum/pluginconf.d/subscription-manager.conf

```

```

[main]
enabled=0

# When following option is set to 1, then all repositories defined outside redhat.repo will be disabled
# every time subscription-manager plugin is triggered by dnf or yum
disable_system_repos=0

```

Make enabled=0

10. Run `yum repolist` command to check whether it is working or not-

```

[root@rhel9-server ~]# yum repolist
repo id                               repo name
AppStream                             Appstream-RHEL9
BaseOS                                BaseOS-RHEL9
[root@rhel9-server ~]#

```

11. Try with installing a package using yum install. Ex-httpd packages as shown below-

```

[root@rhel9-server ~]#
[root@rhel9-server ~]# yum install httpd -y

```

This is it!!!!!!