Configuring YUM

we know the rpm is the offline package manager of the rpm based operating system.but the problem is rpm does not install dependency and there are a lot of limitations in the rpm package manager but we can use the yum(online package manager) as for the local use .we can create a file server and put the packages given on it and convert a yum server then we can use the yum command for installing packages from the yum server.

Configuring yum server

1) first we have to install a file server.to install it we have to install some dependencies first because rpm do not install dependencies. Vsftpd is a file server packages . These packages are in the sr0 drive we first mount it

=>mount /dev/sr0 /mnt

=>cd /mnt/Packages

 for working properly we have to install these packages which are the dependencies of the vsftpd

*python-deltarpm

installing command:

rpm ivh –force –nodeps python-deltarpm*

for creating repo we have to install another packages

rpm –ivh –force –nodeps createrepo*

after that we install vsftpd and set the file server

rpm -ivh –force –nodeps vsftpd*

after installing the vsftpd automatically the **/var/ftp/pub** directory will be created.in the pub directory all the files in the file server stay publicly. Inside the pub directory we create another directory called rhel7(you can name it anything)

Create the folder (if not created)

=>mkdir -p /var/ftp/pub/rhel7

now copy all the thing in the sr0 in this folder

=>cp -rv /mnt/* /var/ftp/pub/rhel7/

now we will create configuration file .before that we have to remove all the configuration file
from the **/etc/yum.repos.d** folder

=>cd /etc/yum.repos.d

=>rm -rf *

create a file with vim editor

=>vim rhel7.repo

in the file add the line for setting the path:

in the editor

[base]
name="red har local packages"
baseurl="file:///var/ftp/pub/rhel7/Packages"
enabled=1
gpgcheck=0
save and exit

now we create the repo with the packages

command is

=>createrepo -v /var/ftp/pub/rhel7/Packages

then we use these command to refresh all

#yum clean all
#yum list all
#yum repolist