

Class 20

Ssh part 2

10.stop password based authentication

Vim /etc/ssh/sshd_config

65 PasswordAuthentication no

:wq

Systemctl restart sshd

11. break ssh connection of specific user

Who

Ps -aux |grep sshd

Kill -9 sshid

12. make ssh key in window

Puttygen - generate - save private key = abc.ppk , copy the key

Cd .ssh

Vim authorize_key

Paste here

Window = putty

MFA = multifactor authentication

Yum install epel-release -y

Yum install google-authenticator pam-devel -y

Install google-authenticator app in phone

Google-authenticator

Copy link and paste in browser

Scan qrcode from mobile

Vim /etc/pam.d/sshd

Auth sufficient pam_google_authenticator.so

:wq

Vim /etc/ssh/sshd_config

74 ChallengeResponseAuthentication yes

:wq

Systemctl restart sshd

RPM = redhat package manager

Window = software = .exe

Linux = package = .rpm

Mount /dev/cdrom /mnt

Appstream = it save the server package

BaseOS = it install OS package

Cd Appstream

Install the package

Rpm -ivh packagename (-I = install , -v =verbose -h =hash form)

Rpm -ivh vsftp-tab

Check it installed

Rpm -q vsftpd (-q =query)

Uninstall the package

Rpm -e vsftpd (-e =erase)

See the package install date

Rpm -qa --last

Update the package

Rpm -Uvh vsftpd-tab

-U =update

Package info

Rpm -qi package name (-q =query , I =info)

Check the which command connect with which package

Mkdir

Which mkdir = /usr/bin/mkdir

Rpm -qf /usr/bin/mkdir (f =file)

It not install dependencies packages

Software = .net frame work

Yum server = it is update version of rpm .it install packages with dependencies

Yum –yellow dog update modifier

OS = configured = internet

Internet not allowed

Offline yum server , local yum server

Mount /dev/cdrom /mnt

Cd /etc/yum.repos.d

Rm -rf *

Vim xyz.repo (repo = repository)

[base] =script name (any name)

name=baseos = database name (any name)

baseurl=file:///mnt/BaseOS = path of database

enable=1 = 1=enable the script , 0 = off the script

gpgcheck=0 = gpgcheck (gnu privacy guard = it check every package licenece) (0 = no check ,
gpgcheck= /etc/pki/rpm-gpf/RPM-GPG-key-redhat-release (centosoffical)

[app]

name=application

baseurl=file:///mnt/AppStream

enable=1

gpgcheck=0

:wq

Install the package

Yum install squid* or yum install squid* -y

Check it installed

Yum list installed | grep squid

For uninstall

Yum remove squid* -y

See the package info

Yum info bind

Install package forcefully

Yum install bind* --skip-broken

See the dependencies

Yum deplist bind

Or

Rpm -qPR bind

-q -query , P = list of compatibility R = show dependencies

RHEL 5,6,7 -yum

RHEL 8 ,9 = dnf = dendified

Dnf install httpd