```
1: Set the selinux policy in Enfrocing mode
Ans:
[root@server0 ~]# vim /etc/selinux/config
SELINUX=enforcing
Exp: Selinux will be in active mode by seting mode to enforcing. idealy a system restart is needed after
changing this.
2: run custom command
Configure a custom command with the name "custom" every one can excute /bin/ps -aux command
[root@server6 ~]# vim /etc/bashrc
at last add a line
alias custom='/usr/bin/ps -aux'
[root@server6 ~]# source /etc/bashrc
[root@server6 ~]# custom
3: Configure ssh:
Configure SSH service on server1.example.com and domain my113t.org should not have ssh access
Ans:
[root@server0 ~]# yum install openssh-server*
[root@server0 ~]# systemctl enable sshd
[root@server0 ~]# systemctl start sshd
[root@server0 ~]# vim /etc/hosts.deny
sshd: .my113t.org
Exp: Above commands will install SSH service in server1.example.com and would reject my113.org domains
to use ssh service.
   Configure ipv6
Configure IPV6 on both system1(server1.example.com) and system2(server2.example.com) on eth0 device, this
should not effect IPV4 network. In system1 IPV6 should be FDDB:FE2A:AB1E::COA8:1.In system2 IPV6 should
be FFUY:KK1V:RRGW:7YGS and after reboot both IPV4 and IPV6 should be able to communicate.
Ans:
[root@server0 ~]#nmcli conn add con-name
[root@server0 ~]# nmcli connection add con-name static type ethernet ifname eth0
Connection 'static' (277e191e-ea3c-43a3-909a-28a0d1451568) successfully added.
[root@server0 ~]# nmcli connection modify static ipv6.addresses 'fddb:fe2a:able::c0a8:1/64 fddb:fe2a:able::c0a8:fe' ipv4.addresses '172.25.0.11/24 172.25.0.254'
[\verb|root@server0| \sim] \textit{# nmcli connection modify static ipv4.method manual}|
[root@server0 ~]# nmcli connection modify static ipv6.method manual
[root@server0 ~]# nmcli connection modify static
[root@server0 ~]# nmcli connection modify static connection.autoconnect yes
[root@localhost Desktop]# nmcli connection modify "System eth0" connection.autoconnect no
[root@localhost Desktop]# cat /etc/resolv.conf
# Generated by NetworkManager
nameserver 172.25.254.254
[root@server0 ~]# nmcli connection modify static ipv4.dns '172.25.254.254'
ot@localhost Desktop]# nmcli connection show
             UUID
NAME
                                                     TYPE
                                                                      DEVICE
             277e191e-ea3c-43a3-909a-28a0d1451568 802-3-ethernet
System eth0 5fb06bd0-0bb0-7ffb-45f1-d6edd65f3e03 802-3-ethernet eth0
[root@localhost Desktop]#
[root@server0 ~]# systemctl reboot
[root@localhost Desktop]# nmcli connection show
NAME
             UUID
                                                                      DEVICE
                                                     TYPF
             277e191e-ea3c-43a3-909a-28a0d1451568
static
                                                     802-3-ethernet eth0
```

```
System eth0 5fb06bd0-0bb0-7ffb-45f1-d6edd65f3e03 802-3-ethernet
[root@localhost Desktop]#
5: Configure Network Teaming
Ans:
[root@server6 ~]# lab teambridge setup [to add eno1 & eno2 (dont do in exam)]
[root@server6 ~]# ifconfig [to see the eno1 an eno2 is there ot not]
[root@server6 ~]# nmcli connection add type team con-name team0 ifname team0 config '{"runner": {"name":
"activebackup"}}'
[root@server6 ~]# nmcli connection modify team0 ipv4.addresses '192.168.0.100/24'
[root@server6 ~]# nmcli connection modify team0 ipv4.method manual
[root@server6 ~]# nmcli connection add type team-slave con-name team0-port1 ifname eno1 master team0
[root@server6 ~]# nmcli connection add type team-slave con-name team0-port2 ifname eno2 master team0
[root@server6 ~]# nmcli connection up team0
[root@server6 ~]# ifconfig [You will find extra device team0]
[root@server6 ~]# teamdctl team0 state
                                         [Shows runner as active backup]
[root@server6 ~]# ping 192.168.0.10
6: port forwarding:
Configure PORT FORWARDING incomming connection on port 513/tcp on the firewall to port 132/tcp on machine
system2.group11.example.com (desktop2.example.com)
Ans:
[root@server0 ~]# systemctl disable iptables
[root@server0 ~]# systemctl disable ip6tables
[root@server0 ~]# systemctl stop iptables
[root@server0 ~]# systemctl stop ip6tables
[root@server0 ~]# systemctl mask iptables
[root@server0 ~]# systemctl mask ip6tables
[root@server0 ~]# systemctl start firewalld
[root@server0 ~]# systemctl enable firewalld
[root@server0 ~]# firewall-cmd --permanent --add-rich-rule 'rule family=ipv4 source
address=172.25.0.10/32 forward-port port=513 protocol=tcp to-port=132'
[root@server0 ~]# firewall-cmd --reload
Exp: Iptables are perminantly stoped first and then All the connections made to port 513 will be
redirected to port 132.
7: COnfigure Mail server
        Configure a null client on server1 which relay mail through ap1.group11.example.com using
desktopl. groupll.example.com organization name domain name on all outgoing mails.
Ans:
[root@server6 ~]# vim /etc/postfix/main.cf
myorigin = desktop6.example.com
inet interfaces = loopback-only
                                         [Search for /relayhost Copy line below and write]
relayhost = [smtp6.example.com]
local_transport = error: local delivary disabled [Search for /local_transpot and write new antry
somewhare]
mynetworks = 127.0.0.0/8, [::1]/128
mydestination =
[root@server6 ~]# systemctl restart postfix
```

8: NFS Server:

Export your "/public" directory via NFS to the group11.example.com domain. Make sure that client in group11.example.com domain should able to read only permission in /public.

```
File: /media/1C17-1F31/RHEL7 EX300 QwithA
Ans:
[root@server6 ~]# yum install nfs*
[root@server6 ~]# systemctl enable nfs-server.service
[root@server6 ~]# systemctl start nfs.service
[root@server6 ~]# firewall-cmd --permanent --add-service=nfs
[root@server6 ~]# firewall-cmd --permanent --add-service=rpc-bind
[root@server6 ~]# firewall-cmd --permanent --add-service=mountd
[root@server6 ~]# firewall-cmd --reload
[root@server6 ~]# vim /etc/exports
/public *.example.com(ro)
[root@server6 ~]# mkdir /public
exporting *.example.com:/public
[root@server6 ~]# exportfs -rv
go to desktop system and run below command to verify
[root@server6 ~]# showmount -e 172.25.6.11
Export list for 172.25.6.11:
/public *.example.com
```

9: Configure Secure nfs server :

[root@server6 ~]#

Export your "/publicsecure" directory with use kerbores via NFS to the group11.example.com domain. Make sure that client in group11.example.com domain should able to read and write permission in /publicsecre. And create a subdirectory called "publicshare" and publicshare directory owner permission should be nahur. and nahur user should able to read and write. Use keytab for the system1 http:// server1.grou11.example.com/pub/materials/system1.keytab.

Ans:

```
[root@server6 ~]# lab nfskrb5 setup [Do institute not in exam]
[root@server6 ~]# wget -0 /etc/krb5.keytab http://classroom.example.com/pub/keytabs/server7.keytab
[root@server6 ~]# vim /etc/sysconfig/nfs
RPCNFSDARGS="-V 4.2"
                        ----->line number 13
[root@server6 ~]# systemctl enable nfs-secure-server.service
[root@server6 ~]# systemctl start nfs-secure-server.service
[root@server6 ~]# mkdir /publicsecure
[root@server6 ~]# vim /etc/exports
/publicsecure desktopX.example.com(rw,sec=krb5p) [If in exam asks for desktop only if not *.example.com
(rw,sec=krb5p)
[root@server6 ~]# exportfs -rv
Go to deskto system and run below command to verfy
[root@server6 ~]# showmount -e 172.25.6.11
Export list for 172.25.6.11:
/publicsecure *.example.com
             *.example.com
/public
[root@server6 ~]#
```

10: mount the nfs Mounts:

- 1. mount the /public permanently on the /mnt/secure on the system2 sysetm.
- 2. mount the secure nfs share /publicsecure permanently on the /mnt/securepath on system2 system. verify that user nahur user has read and write access on the /mnt/securepath on system2.

Ans:

```
[root@desktop6 ~]# lab nfskrb5 setup
                                      [Dont do in exam]
[root@desktop6 ~]# yum insatall nfs-utils
[root@desktop6 ~]# wget -0 /etc/krb5.keytab http://classroom.example.com/pub/keytabs/desktop6.keytab
[root@desktop6 ~]# systemctl enable nfs-secure [Only nfs-secure]
```

```
[root@desktop6 ~]# systemctl start nfs-secure
[root@desktop6 ~]# vim /etc/fstab
server6.example.com:/pumblicsecure
                                                                nfs
                                                                        defaults, sec=krb5p, v4.2 0 0
                                         /mnt/securepath
server6.example.com:/public
                                                                nfs
                                                                         defaults
                                        /mnt/secure
[root@desktop6 ~]# mkdir /mnt/secureshare
[root@desktop6 ~]# mount -a
[root@desktop6 ~]# df -h
----> Go To Server system
[root@server6 ~]# chown ldapuser6:ldapuser6 /securenfs/
[root@server6 ~]# chcon -t public_content_t /securenfs/
----> Then Go TO client System
[root@desktop6 ~]# mount -a
[root@desktop6 ~]# su - ldapuser6
[ldapuser6@desktop6 ~]$ cd /mnt/securepath
[ldapuser6@desktop6 ~]$ touch file1
11: Configure SAMBA SHARE:
         Share the directory "/common" via samba. Your Samba server must be a member of "STAFF"
workgroup. The share name must be "common". Make sure that browseable must be enabled. The shared must be
available to group11.example.com clients only. The user "frank" should have read access to the share with
samba password "animous". webserver1
Ans:
[root@server6 ~]# yum install samba*
[root@server6 ~]# systemctl start smb
[root@server6 ~]# systemctl start nmb
[root@server6 ~]# systemctl enable smb.service
[root@server6 ~]# systemctl enable nmb.service
[root@server6 ~]# firewall-cmd --permanent --add-service=samba
[root@server6 ~]# firewall-cmd --reload
[root@server6 ~]# mkdir /common
[root@server6 ~]# semanage fcontext -a -t samba_share_t "/common(/.*)?"
[root@server6 ~]# restorecon -vvFR /common/
[root@server6 ~]# useradd -s /usr/sbin/nologin frank
[root@server6 ~]# smbpasswd -a frank
New SMB password:
Retype new SMB password:
Added user frank.
[root@server6 ~]# vim /etc/samba/smb.conf
        workgroup = STAFF
                              [Line number 88]
[common]
                                                 [End of the config file]
        comment = Public Stuff
        path = /common
        valid users = frank
        browseable = yes
        hosts allow = 172.25.
[root@server6 ~]# systemctl restart smb
[root@server6 ~]# systemctl restart nmb
          IF you want to test go to client system
[root@desktop6 ~]# yum install cifs-utils
[root@desktop6 ~]# mount //172.25.6.11/common /coss -o username=frank
[root@desktop6 ~]# mkdir /coss
[root@desktop6 \sim]# mount //172.25.6.11/common /coss -o username=frank
[root@desktop6 ~]# df -Th
```

12: Configure SAMBA SHARE:

Share the directory "/secure" via samba. The share name must be "secure". Make sure that browseable must be enabled. The **shared** must be available **to** group11.example.com clients only. The user "rob" should have read **access to** the share **with** samba password "animous" **and** user "robby" should have read **and** write **access to** the share **with** samba password "animous".

Ans:

```
13: multiuser samba mount:
Mount the samba share permantly on the /mnt/secure mount point on system2 as a
multiuser mount. mount samba share wirh the credentials of user robby user and passrod
animous.
14: Configure "web server":
        Configure your system as "web server" for the site http://sysetml.group11.example.com. Download
the web page station.html from http://classroom.example.com/pub/updates/station.html Rename the the
downloaded page as "index.html" Copy the "index.html" page to the "document root" Do not make any
modifications to the content of index.html.
Ans:
[root@server6 Desktop]# yum install httpd*
[root@server6 Desktop]# systemctl restart httpd
[root@server6 Desktop]# systemctl enable httpd
[root@server6 Desktop]# firewall-cmd --permanent --add-service=http
[root@server6 Desktop]# firewall-cmd --reload
[root@server6 Desktop]# cd /var/www/html/
[root@server6 Desktop]# wget http://classroom.example.com/pub/updates/station.html
[root@server6 Desktop]# ls
[root@server6 Desktop]# mv station.html index.html
[root@server6 Desktop]# vim /etc/httpd/conf.d/main.conf
<VirtualHost *:80>
  ServerAdmin root@server6.example.com
  DocumentRoot /var/www/html
  ServerName server6.example.com
</VirtualHost>
<Directory "/var/www/html">
  AllowOverride none
  Require all granted
</Directory>
----> Goto Client
[root@desktop6 ~]# curl -k http://server6.example.com [Out put should gom in single line]
15: Configure "web server":
        Create the directory "private" for the DocumentRoot of your webserver. Download the page
"host.html" from http://server.group11.example.com/pub/matarials/host.html And move as index.html.It
should be accessable to group11.example.com and not to any other host.
Ans:
[root@server6 private]# mkdir /var/www/html/private
[root@server6 private]# cd /var/www/html/private
[root@server6 private]# wget http://classroom.example.com/pub/updates/host.html
[root@server6 private]# mv host.html index.html
[root@server6 html]# vim /etc/httpd/conf.d/main.conf
<VirtualHost *:80>
   ServerAdmin root@server6.example.com
   Documentroot /var/www/html
   ServerName server6.example.com
</VirtualHost>
<Directory "/var/www/html/private">
  Order allow, deny
  Allow from .example.com
</Directory>
                                       ----> Modify only lines which are there in ####
<Directory "/var/www/html">
   AllowOverride none
```

```
Require all granted
</Directory>
[root@server6 ~]# systemctl restart httpd
----> Go to client
[root@desktop6 ~]# yum install elinks*
[root@desktop6 ~]# elinks server6.example.com/private
----> Go to foundation system
open firefox
                > server6.example.com/private
and search for
It Should show Forbidden
16: Configure name virtual hosting server:
       Configure the name virtual hosting server for the site http://wwwl.group11.example.com. Download
the page "www.html" from http://server.group11.example.com/pub/materials and copy as index.html under
documenRoot "/var/www/virtual". User called rock should able to add some content into /var/www/virtual
directory and system1.group11.example.com should abel to access the virtual hosting.
Ans:
[root@server6 virtual]# mkdir /var/www/virtual
[root@server6 virtual]# cd /var/www/virtual
[root@server6 virtual]# wget http://classroom.example.com/pub/updates/www.html
[root@server6 virtual]# mv www.html index.html
[root@server6 virtual]# vim /etc/httpd/conf.d/virtual.conf
<VirtualHost *:80>
  ServerAdmin root@www1.example.com
  Documentroot /var/www/virtual
  ServerName www6.example.com
</VirtualHost>
<Directory "/var/www/virtual">
  Require all granted
  AllowOverride none
</Directory>
[root@server6 virtual]# systemctl restart httpd
---> Go to client open terminal
                                                             [one line output will com]
[root@desktop6 ~]# curl -k http://www6.example.com
17: confiure ssl web server
       Configure secure web server site name http://systeml.groupll.example.com ant the web site will
nedd to protect with tls. and the certificate can be download from http://serevr.group11.example.com/pub/
tls/private/system1.crt
http://serevr.group11.example.com/pub/tls/private/system1.key http://serevr.group11.example.com/pub/tls/
private/system1.crt
Ans:
[root@server6 Desktop]# yum install mod_ssl
[root@server6 Desktop]# firewall-cmd --permanent --add-service=https
[root@server6 Desktop]# firewall-cmd --reload
[root@server6 Desktop]# cd /etc/pki/tls/certs
[root@server6 Desktop]# wget http://classroom.example.com/pub/tls/certs/server6.crt
[root@server6 Desktop]# wget http://classroom.example.com/pub/example-ca.crt
[root@server6 Desktop]# cd /etc/pki/tls/private/
[root@server6 Desktop]# wget http://classroom.example.com/pub/tls/private/server6.key
[root@server6 Desktop]# vim /etc/httpd/conf.d/main.conf
<VirtualHost *:80>
   ServerAdmin root@server6.example.com
   Documentroot /var/www/html
   ServerName server6.example.com
</VirtualHost>
<Directory "/var/www/html/private">
```

```
Order allow, deny
 Allow from .example.com
</Directory>
<Directory "/var/www/html">
  AllowOverride none
  Require all granted
</Directory>
########## Add Only lines Which are in side this Hashes To end of this file #####
<VirtualHost *:443>
ServerName server6.example.com
SSLEngine on
SSLProtocol all -SSLv2 -SSLv3
SSLCipherSuite HIGH: MEDIUM: !aNULL: !MD5
SSLHonorCipherOrder on
SSLCertificateFile /etc/pki/tls/certs/server6.crt
SSLCertificateKeyFile /etc/pki/tls/private/server6.key
SSLCertificateChainFile /etc/pki/tls/certs/example-ca.crt
DocumentRoot /var/www/html
</VirtualHost>
[root@server6 Desktop]# systemctl restart httpd
---> Go to the client system
---> Open browser and search for below sites
---> <u>https://server6.example.com</u>
                                   [This Is original to search and then search also]
---> server6.example.com
---> server6.example.com/private
---> www6.example.com
       Note: All should give proper output
18: Configure wsgi web server:
       Configure "wsgi" web server site name "webappX.example.com" and download dynamic WSGI conent from
http://classroom.example.com/pub/update/weapp.wsgi and stored inside virtual web server DocumentRoot of
your webserver. and donot effect virtual web serevr.
Ans:
[root@server6 Desktop]# yum install mod_wsgi
[root@server6 Desktop]# cd /var/www/virtual/
[root@server6 virtual]# wget http://classroom.example.com/pub/updates/webapp.wsgi
[root@server6 virtual]# vim /etc/httpd/conf.d/webapp.conf
<VirtualHost *:80>
ServerName webapp6.example.com
WSGIScriptAlias / /var/www/virtual/webapp.wsgi
</VirtualHost>
[root@server6 virtual]# systemctl restart httpd
----> Goto Client System
----> Open Web browser and search the site
---> webapp6.example.com
19: CONFIGURE "target server":
       configure target server use the this iqn iqn.2014-09.com.example.group11:system1 and 3G backing
store device volume group name iscsi_storage. iscsi storage should availabe to
sysetm2.group11.example.com sysetm only.
Asn:
[root@server6 virtual]# yum install targetcli
[root@server6 virtual]# fdisk /dev/vdb
                                           [Create one partion more than 3GB i have created 3G]
[root@server6 virtual]# partprobe
[root@server6 virtual]# pvcreate /dev/vdb1
[root@server6 virtual]# vgcreate iscsi storage /dev/vdb1
[root@server6 virtual]# lvcreate -L 3G -n iscsi_lv iscsi_storage
```

```
[root@server6 virtual]# systemctl enable target.service
[root@server6 virtual]# systemctl start target.service
[root@server6 virtual]# firewall-cmd --permanent --add-port=3260/tcp
[root@server6 virtual]# firewall-cmd --reload
[root@server6 virtual]# targetcli
Warning: Could not load preferences file /root/.targetcli/prefs.bin.
targetcli shell version 2.1.fb34
Copyright 2011-2013 by Datera, Inc and others.
For help on commands, type 'help'.
/> ls
0- / ......
[...]
 0 -
backstores .....backstores .....
[...]
 | o- <mark>block ......</mark> [Storage
Objects: 0]
 | o- fileio .....................[Storage
Objects: 0]
 | o- pscsi .....................[Storage
Objects: 0]
Objects: 0]
 o- iscsi ......
[Targets: 0]
 o- loopback .....
[Targets: 0]/> backstores/block create block1 /dev/iscsi storage/iscsi lv
Created block storage object block1 using /dev/iscsi_storage/iscsi_lv.
/> iscsi/ create iqn.2014-09.com.example:server6
Created target iqn.2014-09.com.example:server6.
Created TPG 1.
/> iscsi/ign.2014-09.com.example:server6/tpg1/acls create ign.2014-09.com.example:desktop6
Created Node ACL for iqn.2014-09.com.example:desktop6
/> iscsi/iqn.2014-09.com.example:server6/tpg1/luns create /backstores/block/
Created LUN 0.
Created LUN 0->0 mapping in node ACL iqn.2014-09.com.example:desktop6
/> iscsi/iqn.2014-09.com.example:server6/tpg1/portals create 172.25.6.11
Using default IP port 3260
Created network portal 172.25.6.11:3260.
/> ls
0- / ......
[...]
 0 -
backstores ......backstores .....
[...]
 Objects: 1]
 activated]
 | o- fileio .....................[Storage
Objects: 0]
 | o- pscsi .....................[Storage
Objects: 0]
 o- ramdisk ...... [Storage
Objects: 0]
 o- iscsi ......
[Targets: 1]
 [TPGs: 1]
 o- tpg1 ...... [no-gen-acls,
no-auth]
    o- acls .....
[ACLs: 1]
    LUNs: 1]
      o- mapped_lun0 ...... [lun0 block/
```

```
block1 (rw)]
      o- luns ......
[LUNs: 1]
      iscsi_lv)]
      [Portals: 1]
o- loopback .....
[Targets: 0]
/> exit
Global pref auto save on exit=true
Last 10 configs saved in /etc/target/backup.
Configuration saved to /etc/target/saveconfig.json
[root@server6 virtual]#
20: Configure iscsi client.
      create a new 2024Mb iscsi target on your system1.group11.example.com machine. this target should
be called ign.2014-09.com.example.group11:system1 and assign file system ext4 and mount under /mnt/iscsi
directory.
Ans:
[root@desktop6 ~]# yum install iscsi*
Loaded plugins: langpacks
rhel_dvd
                                                                           | 4.1 kB
00:00:00
Package iscsi-initiator-utils-6.2.0.873-21.el7.x86 64 already installed and latest version
Package iscsi-initiator-utils-iscsiuio-6.2.0.873-2\overline{1}.el7.x86 64 already installed and latest version
Nothing to do
[root@desktop6 ~]# systemctl start iscsi
[root@desktop6 ~]# systemctl enable iscsi
[root@desktop6 ~]# vim /etc/iscsi/initiatorname.iscsi
InitiatorName=iqn.2014-09.com.example:desktop6
[root@desktop6 ~]# iscsiadm -m discovery -t st -p server6.example.com
172.25.6.11:3260,1 iqn.2014-09.com.example:server6
[root@desktop6 ~]# iscsiadm -m node -T iqn.2014-09.com.example:server6 -p server6.example.com -l
Logging in to [iface: default, target: iqn.2014-09.com.example:server6, portal: 172.25.6.11,3260]
(multiple)
Login to [iface: default, target: iqn.2014-09.com.example:server6, portal: 172.25.6.11,3260] successful.
                          [Check for /dev/sda]
[root@desktop6 ~]# fdisk -l
[root@desktop6 ~]# fdisk /dev/sda
[Create 2024 mb patition (+2024M)]
[root@desktop6 ~]# partprobe
[root@desktop6 ~]# mkfs.ext4 /dev/sda1
[root@desktop6 ~]# mkdir /mnt/iscsi
[root@desktop6 ~]# blkid /dev/sda1
[Copy UUID and write enty in fstab with UUID as below]
[root@desktop6 ~]# vim /etc/fstab
UUID=2e8da35d-d037-4768-bc92-bdbc4b37bb5a /mnt/iscsi
                                                       ext4
                                                              netdev
                                                                            0 0
[root@desktop6 ~]# df -h
             Size Used Avail Use% Mounted on
Filesystem
              10G 3.1G 7.0G 31% /
/dev/vda1
Out put omited.....
[root@desktop6 ~]# mount -a
[root@desktop6 ~]# df -h
             Size Used Avail Use% Mounted on
Filesystem
              10G 3.1G 7.0G 31% /
/dev/vda1
Output omited.....
             2.0G 6.0M 1.8G
                            1% /mnt/iscsi
/dev/sda1
[root@desktop6 ~]# iscsiadm -m node -T iqn.2014-09.com.example:server6 -p server6.example.com -l
[root@desktop6 ~]# init 6
21: Configure mariadb.
```

```
install mariadb database and user root password is animous database sholud access only localhost.
create a "Conatins" datebase and restore a data base backup http://serverl.group11.example.com/pub/
matarials/mariadb.dump. rob user can access "contains" database should be use password is "animous".
Ans:
[root@server6 ~]# yum groupinstall mariadb mariadb-client
[root@server6 ~]# systemctl start mariadb
[root@server6 ~]# systemctl enable mariadb
[root@server6 ~]# ss -tulnp| grep mysql
                                                   *:3306
                                                                             *:*
       LISTEN
                                                                                      users:
tcp
(("mysqld",8370,13))
[root@server6 ~]# vim /etc/my.cnf
[mysqld]
             ----> [Under This line]
skip-networking=1
[root@server6 ~]# systemctl restart mariadb
[root@server6 ~]# ss -tulnp| grep mysql
[Now This command should show nothing]
[root@server6 ~]# mysql secure installation
Enter current password for root (enter for none): [Dont Give anything press enter]
Set root password? [Y/n] y
New password: animous [Give password]
                                   [Retry same passwd]
Re-enter new password: animous
Password updated successfully!
Reloading privilege tables..
 ... Success!
Remove anonymous users? [Y/n] y
Disallow root login remotely? [Y/n] y
Remove test database and access to it? [Y/n] y
Reload privilege tables now? [Y/n] y
[root@server6 ~]# mysql -u root -p
Enter password:
MariaDB [(none)]> create database conatins;
MariaDB [(none)]> exit
[root@server6 ~]# mysql -u root -p conatins < /root/mariadb.dump</pre>
Enter password:
[root@server6 ~]# mysql -u root -p
MariaDB [conatins] > CREATE USER rob@'%' IDENTIFIED BY 'animous';
MariaDB [conatins] > GRANT SELECT, INSERT, UPDATE, DELETE ON conatins.* TO rob@'%';
22: Script:
Write the script called /root/script. If you pass an argument as "redhat" it should print "fedora" . If you pass an argument as "fedora" it should print "redhat". If won't pass any argument (or)
if you pass another argument other than "redhat" and "fedora"it will print standard error "/root/script
redhat|fedora".
[root@server6 ~]# vim /root/script
#!/bin/bash
if [ "$1" = redhat ]; then
echo fedora
elif [ "$1" = fedora ]; then
echo redhat
else echo "/root/script redhat|fedora"
[root@server6 ~]# chmod 744 /root/script
cript redhat|fedora
[root@server6 ~]# /root/script asa
/root/script redhat|fedora
[root@server6 ~]# /root/script redhat
fedora
[root@server6 ~]# /root/script fedora
redhat
[root@server6 ~]#
```

23: write a script to create a user:

write a bash script /root/script to add a users from the list given in a file if the file is given as a coomand line argument. if the file doesn't exit, then a message should be printed as "INPUT" file not found and exit with an appropriate value. if the commandline argument is left blank, then a message should be printed as useage: /root/script" and exit with an appropriate value. if the path of the filename is wroung then it should print a message as "stdeer" and exit with an appropriate value.

Ans:

12 13 23