Study up on this
zero defined networking

Stuff to do on the side if I want to set up a monitoring service on my desktop
https://mitmproxy.org/
https://help.ubuntu.com/community/Router
https://www.elastic.co/downloads/elasticsearch
https://www.elastic.co/guide/en/beats/packetbeat/current/packetbeat-installation.html

/etc/sysconfig/network-scripts
ll
vi ifcfg-ens192

double tab shows you the way

Linux essentials course

Yum Command

Yum search https
- search options helps find software
yum info httpd
- info option helps query the software
yum install httpd
- install option installs the software

yum update -y
- updates everything

yum list installed httpd
- list installed option checks to see if it is installed

yum deplist httpd
- checks the dependencies

yum remove httpd
- removes the software

yum autoremove httpd
- autoremove option removes the web server and its dependencies

yum repolist
- checks to see where you got the repository

cd *etc*/yum.repos.d
- you can cd into the repos locations

yum clean all
- cleans all options clears all local yum database for more updates

yum update
- update helps improve the software and updates it

yum list installed httpd
- list installed option checks to see if the application is installed

which httpd
- checks to see which directory the application is in

yum provides or yum whatprovides

rpm command – **does not check for dependencies**

rpm – i <rpm file name.rpm>
- installs the package

rpm -q <package name>
- finds the full package name and architecture

rpm -qi <package name>
- helps you find more info regarding the package

rpm -ql <package name>
- displays a list of the stuff installed with the package

rpm -qR <package name>
- shows you what is required with the rpm

rpm – Uvh <rpm file name.rpm>
- updates the package

rpm -qi <package name>
- queries the package to see if you have the latest version

rpm -e –test<package name>
- test to see what software is safe to remove

rpm -e <package name>
- deletes the package from the system

APT Command – for debian systems

cd *etc*/apt
- finds the repo location

less source
- displays a list of repos that are config for this system

apt update
- updates the information for the system

apt full-upgrade

- updates the entire system

apt-cache search <package name>
- searches to see if there is a specific package installed

apt install <package name>
- installs the package

apt remove <package name>
- removes the package

apt remove –purge <package name>
- removes all of the items that might been left behind when removing the software

apt autoremove
- helps with removing left overs

dpkg command – The original package manager for debian

dpkg –get-selections
- helps see if something is installed

dpkg-deb -I <debian file.deb>
- gathers more information

dpkg –get-selections <package name>
- checks if the program is installed

dpkg-deb –contents <debian file.deb>
- checks to see what is contained in this file

dpkg -i <debain file.deb>
- installs the package

apt update
- updates the stuff that it does not have

apt -f upgrade
- download the dependencies needed

dpkg -r <package name>
- used to uninstall a package

dpkg -l <package name>
- checks to see if the package is installed

dpkg -p <package name>
- purges the rest of the stuff that came with the package

ls command

ls
– list out of the directory

ls -a
- list out all of the directory (.<file or folder name> - indicates a hidden item)

ls -l
- long listing lets you know more about the directory – shows the type and commissions
- d = directory, -= regular file, group owner, size in bits, m/d/year file was modified, file name

ls -Sl
- list out the size from greatest to smallest

ls -lrS
- list out the previous option but in reverse

ls -l <directory name> or ls <directory name>
- list out the stuff in a specific file in the directory

ls -R
- can look at the content of the directories within directories

ls -lt
- list out the time they were modified with the most recent at the top

echo – print what follows to the content screen
echo $PATH – prints the contents of the path environment variable to the screen
. = current directory
.. = one directory up

Basic commands

whoami
- shows you the username of the user currently logged in

su <username>
- allows you to log in to the other user as long as you know there password

exit
- gets you out of the other users shell environment

su -
- allows you to log in as root

reboot
- reboots the linux system

halt or poweroff

shutdown --help
- will list out the options for shutting down the computer

top
- shows you the top running processes on your computer
to get out of top enter the q

uname commands

uname
– display the name of the system kernel
uname -r
- display the kernel release number
uname -v
- display the kernel build version
uname -m
- display the machine type
uname -o
- display the name of the operating system
uname -a
- display all information that uname can show

cd and pwd commands

pwd
– print working directory, the current directory that you are in
cd
 – change directory
cd ..
- go up one directory
cd -
- returns you to your previous directory
cd ~
- .change to the home directory of the currently logged in

Command history and Command completion

.bash_history
- hidden file within the home directory that contains a log of commands entered at the bash prompt

cat <file name>
- can be used to print the contents of the file to the screen

echo $HISTFILESIZE
- shows the file size of how many commands it can keep

echo $HISTFILESIZE
- shows how you what you history contained

history
- command prints out the commands that have been stored in the .bash_history

!<history number>
- runs that specific command

Globbing

* - matches zero or more characters
Example: ls *.txt
? - matches any single character
Examples:
ls ?.txt
ls Test?.txt – helps by showing you what ends with Test
using more ? Helps improve the search

ls [Ww]<name of file>
- doing brackets in front of the file or inside the file can help you find out if it the letter is cap or not
- it is also helpful in finding what the file name is if your forgot

Quoting

“ ” - double quotes, contains strings and any variables or commands within them get evaluated or acted on
‘ ’ - single quotes, anything within these get treated literally, disables any special characters functionality
\ - backslash, escape character, disables any special character functionality that immediately follows it

locate, find, and whereis command

locate – searches a local database of files and folders looking for items that match the search criteria
Example: locate passwd

find – searches the file system for files that match the search criteria find/path/to/folder -name file

whereis – locates binary, source and/or manual pages for a command

man command

man <content you want to search>
- this will show you all the possible commands for the stuff you would want to enter.

Whatis – command that lists summaries and related man pages based on search term, invoked by entering **whatis <command>**

apropos – command that searches man page for appearances of the keyword provided, invoked by entering **apropos<keyword>**

manman – is the manual for man pages

info command

info<command>
- information command utility command, invoked by entering **info<command>**

Filesystem Hierarchy Standard(fhs)
- this standard was created to allow linux users to know how to find different files

Files and Directories
mkdir <file name>
- makes new folder

mkdir dir1 dir2 dir3
- this is how you make multiple folders at once

mkdir **-**p <dirname>/<dirname>
-makes a parent directory along with the sub-directory

rmdir <dir name>
- removes an empty directory

touch <filename>
- creates an empty file or update a file's timestamp

cp <dir>/<filename>
- cp copy a file or folder

mv
- move or rename a file or folder

rm <filename>
- removes a file or folder

cp -R
-R copy a file or folder

rm -r
- recursively removes a folder and its contents

Archives and Compression

tar
- manipulate archive files
tar -c
- creates a new archive
tar -z
-passes the archive through gzip compression
tar -z
-pass the archive through bzip2 compression
tar -f
- file name of archive to create
tar -x
- extract an archive
tar -v
- verbose output
zip -r
- recursively creates a compressed file of directory and its contents
example: zip -r for_IT.zip for_IT
unzip
- extract a zip archive
example: unzip for_IT.zip
gzip
- create a gzip archive
gunzip
- extract a gzip archive
bzip2
- create a bzip2 archive
bunzip2
- extract a bzip2 archive

Viewing Text

less <file name>
- view a text file with the ability to scroll through the pages of the file
head <file name>
- view the first ten lines of a file
head – n <number><filename>
- views the first <number> lines of a file specified
tail <filename>
- view the last ten lines of a file
tail -n <number>
- views the last <number> lines of a file specified
tail -f <file location>
- this follows the text file as new data is written to it in real time

Analyzing Text

cut
- remove text from file and print specified fields to screen
cut -d
- specified delimiter to use
cut -f
- specifies which field to print
example: cut -d “ ” 6- anc.txt - this will check spaces to the 6 space

sort <file name>
- sorts content of file alphabetically based on first character in file
sort -n
- sorts content of file numerically

wc <file name>
- word count, prints number of lines, words and characters in file
wc -l <file name>
- prints the number of lines in a file
wc -w
- prints the number of words in file
example: wc -lw <file name>

>
- redirects standard output to new location, if output goes to file replaces contents of file with output from stdout
example: head -n 1 art_pol.txt > anc.txt

>>
- redirects standard output to new location, appends stdout to file
example: head -n 1 art_pol.txt >> anc.txt

Pipes and regular expressions

grep <pattern><file to search>
- grep shows the lines in a file that match a given pattern
grep -i <string><file>
- performs a case-insensitive search
grep -v
- returns lines that do not contain the pattern
grep -r
- performs a recursive search

Regular Expression:
grep '^[AaBb] ' <file name>
^ = search the beginning of a line
grep 'string$' <file name>
$ = search the end of a line
. = stands in for a single character0
[abc] = search for specified characters
[^abc] search for other characters except for these
* = match zero or more of the preceding characters or expression

| = pipe
- pipe character, used to send output of one command as input to another command
ex: command1 | command2

vi/vim editor

vi = one of the original text editors for unix-like operating systems. Installed by default on most linux distributions
vim = successor to the vi text editor. Offers the same functionality plus extra features.

I= insert text under cursor
A – append text at end of line
u – undo last change in file
v – visual mode
p – past text
y - 'yank' or copy highlighted text
shift + g = go to bottom of file
gg = jump to top of editor
shift +a = append text at end of line
dw – delete whole line under cursor
dd – delete whole line under cursor
:w – writes the file out to disk
:wq – wrtie the file to disk then quit
:q! - quit but do not write the file to disk

vimtutor – built in tutorial on using vim, from beginner to advanced
h,j,k,l keys helps you move around vim as well as the arrow keys

helpful website
Vimgolf.com

Shell scripting

#!/bin/bash = the shebang, the first line in a bash script that tells bash what scripting language is being used
- comment in script

if [something]
the
do this thing
else
do this other thing instead
fi

chmod +x <file name> - helps make the document executable

hardware

cat/proc/cpuinfo = view the cpuinfo file to gether details on processor
free = view ram stat for system
free -m = shw output in mb
free -g = show output in gb
dmidecode = show details about motherboard, bios, processor and ram on a system
lsblk – view all block devices(such as hard disks) attached to the system
df – view free disk space on a hard disk
df -h = show output in human readable format
top = show stat on processor, ram, and running processes

processes

ps = list the processes currently running on a system
ps -u = list the processes running on the system
ps -e = list all processes for a specific user
ps -H = list all processes with indented output, showing the hierarchy
ps -f = full format listing, including command arguments
top = show statistics on the processor, ram, and running processes

man proc
man signal

Networking in linux

ifconfig or ip addr show
– view ip add

Ip route show or route or netstat -r
- view default route(gateway)

ping
- checks to see if the network is connected

linux user

who = see who is logged into the system
w = see who is logged into the system with more details
id = view user and group ID’s of a specified user, command by itself shows ID’s of current user
sudo = execute a command as another user
etc/password = primary configuration file for all users on a system
etc/group = primary configuration file for groups

Adding users

groupadd = add a new group to the system
useradd (name)= ad new users to a system
passwd = set a password for a user
/*etc*/default/useradd = defines some default behavior for the useradd command
/*etc*/skel = contents within this directory are copied into home directories of newly created users
/etc/shadow = primary configuration file for all encrypted passwords for usres on a system

id – shows you what you are
1-200 = system users for specific redhat processes
201-999 = system users that use system processes but dont own anything on the system
usermod -u (number) (name)
- will specify user
userdel -r (name)
- will delete the user

managing user passwords

vim login.defs
- where you mark how long till the password is going to expire
usermod -s /*sbin*/nologin
- the user will not be able to log into the shell but it will have an active username and passwords
unix epoc
- the start of the calender
chage -l (username)
- shows you the time in which the password will expire
chage -E (date) (username)
- will show you when the account expires
chage -M (day #)
- this I will change when you get the warning to change your password
chage -d 0 (username)
- will change it to where the password must be changed
chage -I 5 (username)
- will make to where the account will lock after 5 days of after asking for password change (password inactive)
chage -W 5(username)
- will change the number of days of warning before password expires
vim /etc/login.def
- will allow you to modify these processes further
password directory
etc/shadow
- shows you the last password file change
usermod -s *sbin/nologin (useraccount)*
- makes user not be able to log into the shell but allows them to log into mail server

chmod
sybolic permission
r = read
w = write
x = execute permission
- = no permission

octal permissions
4 = read permission
2 = write permission
1 = execute permission
0 = no permission

chown = change ownership of a file or directory
chmod – change mode of a file or directory, effecting the permissions
ex: chmod o-r <filename>

symbolic links
ln = create a link to files or directories
ln -s = create a symbolic link
ln -s myfile mylink
unlink -remove a link from a file or directory

special files and folders, and the sticky bit

/*var*/tmp – contains files that do not get deleted on reboot
temp – contains temporary files that do get deleted on reboot
sticky bit – a permission that only allows users that create their own files and folder can delete theirs and not another users
applying sticky bit
chmod o+t /path/to/directory
chmod 1777/path/to/directory

Create, Delete, and Modify Local Groups and Group Memberships

cat groups
- shows all of the groups and the members of that group
usermod -aG (file) (user)
- gives you permissions to that file
groupmod -n class5 class1
-renames the primary group to “class 5”
groupdel (file name)
- deletes the file group

Congiure a system to use an existing Authentication service for user and group information: using realmd

Yum install -y realmd

realm discover ad.linuxacademy.com
- discovers the realm then ask you to install the required packages

realm update -y

yum install -y oddjob oddjob-mkhomedir sssd adcli samba-common

realm discover ad.linuxacademy.com

vim /etc/ssh/sshd_config
- change all kurborse to yes
systemctl restart sshd

cat /etc/passwd | grep test

now you can ssh into it

authconfig-gtk
- this is how you do the set up with a gui interface

Red Hat Certified systems administrator

cal – brings up the calender
date – brings up the date
daemon - a type of program on Unix-like operating systems that runs unobtrusively in the background, rather than under the direct control of a user, waiting to be activated by the occurance of a specific event or condition.
Sftp – is very important in transferring files to a remote user

umask
- checks permissions

Need more help with
List, set and change standard UGO/RWX Permissions
List, set and change standard UGO/RWX permissions: unmask

important
login shell commands
su -
su -l
su –login

mtr – better way of pinging the network

star -c
- creates a new archive
star -c -f =(filename.tar) (directory and components)

cd /*usr*/share/doc
- holds the information for info and man pages

Boot, reboot, and shutdown a system

init 0 – shutsdown system
init 6 – restarts the system

shutdown -r
- reboot

shutdown -p
- poweroff

shutdown -c
- cancels process

shutdown -h
-shutdown system without reboot

example:
shutdown -r +5 system going down in 5 minutes
- reboots the system in 5 minutes and says its doing that
shutdown -r 00:00

cd /*usr/lib*
- has a files you can cd into
such as systemd

Identify CPU/ Memory Intensive Process/ adjust Process Priority and kill processes

ps aux
– list all the processes that are running on the computer
pgrep (name)
- shows all the processes running with that name
pgrep (name) -l
- list out all of the processes and the names associated with them
pgrep -u user -l
- list out all the processes the user has running

example: pgrep -u user -l vim
Just returns the vim process

pgrep -v -u root -l
- list out all the processes that are not owned by the root user

pkill (name)
- kills the processes

kill -l
- list out all the ones in which you can kill.

Pkill -t (tty)
example: pkill -t pts/1
- kills a users process

df -h

renice -n (number) (number associated with process)

uptime
- checks to see how long the process has been running
example:
07:10:13 up 6 days, 15:08, 2 users, load average: 1.27, 1.43, 2.07
60sec, 5min, 10min

cat /*proc*/cpuinfo
- shows you process information of the kernel

Locate and interpret System Log files and journals

first cd into log
cd */var/log*

tail -f secure
- will list out all users who are trying to access the system in real time

man systemd-journald
- brings up the man pages

journalctl
- shows you all the information into it
journalctl -f
- keeps listening to the information coming in
systemctl status (name of process)
- this will show you the status of stuff listed
journalctl -xn
- shows more information about the file
journalctl   --since=yesterday
- shows you the processes since yesterday
systemd-analyze
- shows information about our boot process
systemd-analyze blame
- shows how long it took each configuration files to load

tail /*var/log/secure*

Start/stop Virtual Machines

Virsh help
- gives you a list of all the commands
list –all
- displays all of your running virtual machines and stopped ones
list
- displays only the running ones

shutdown (vmname)
- shuts it down
start (vmname)
- starts the vm

Another way of doing this
Applications > system tools > Virtual machine manager >right click it and shutdown > shutdown

Start/stop and check the status of network services

systemctl list-units | grep network
- grabs the info for network
systemctl restart network.service
- restarts the networking
systemctl is-enabled network
- shows if it is enabled
systemctl start (name)
- starts it
systemctl stop (name)
-stops it
systemctl enable (service name)
- enables that service at run time
systemctl status network
- checks the status of the network

Securely Transferring files between systems

scp
sftp
port 22 - is how we send encrypted traffic

scp (filename) user@(ipaddress):~/
ex: scp myfile user@54.85.182.116
- transfers file over scp/ you can also put those files in directories

sftp user@(ipaddress)
- transfets file over sftp

when connected type
?
- this list out all of the commands

get (filename)
- downloads the file to your system

put (file name)
- copying file by uploading to the other user

quit – escapes out of sftp

List, Create and Delete Partitions on MBR and GPT Disks

fdisk
- is the tool used to manage MBR based partitions
example: fdisk /*dev*/xvdf

mkfs
- makes a file system
example: mkfs -t xfs xvdf

df -h
- shows you all of the mounted disks currently

blkid
- shows the available block storage devices that are attached to the system

cd /mnt
- best to mount stuff here in the mnt directory

parted

gdisk
- is a text-mode menu-driven program for creation and manipulation of partition tables

Create and Remove Physical Volumes, Assign Physical Volumes to Volume Groups and Create and Delete Logical Volumes

using the LVM Management on Redhat Enterprise 7 linux
In the lvm-with-redhat pdf

Configure Networking and Hostname Resolution Statically or Dynamically: Troubleshooting

Ipv4:
ping <addr>
ip addr show
Ipv6:
ping6<addr>
tracepath6<addr>
traceroute6<addr>
ss
- allows us to look at listening ports and established connections
ss -a
- show all listening and established connections
ss -t
- allows person to see tcp sockets
ss -u
- allows person to see udp sockets
ss -n
- allows user to see the port number
ip -s
- shows statistic based information regarding this

nmcli dev status
- google it
nmcli dev show
- will show our devices
nmcli con show
- shows all of our connections
nmcli con add (name)
- brings up a new connection

nm-connection-editor
- pops up a gui interface for managing our devices
nmtui
- gives us a text based gui that helps configure networking

cd */etc/sysconfig/network-scripts/*
- connection configurations are located here

nmcli con add con-name “mycon” autoconnect yes type ethernet ifname eth1 ip4 <ipaddress> gw4

nmcli con down “mycon-static”
nmcli con up “mycon”
nmcli con mod “mycon” connection.autoconnect yes

nmcli con del “mycon-static”
- deletes it

hostnamectl set-hostname (name.com)
- creates a host name
exec bash
- adds it locally
hostnamectl status
- checks to see where it is located
getent hosts
- will display the stuff for that

Schedule Tasks Using at and cron

Getting it set up

Yum install at

systemctl enable atd

systemctl start atd

at now +5 min
- setting a reboot in 5 minutes
example:
>>at 12:00am
>>reboot then ctrl-d
atq
- shows all of the scheduled task
atrm (number)
- removes a specific scheduled task
journalctl -xn
- displays important stuff

create your own
vim uptimelog
>> script
#!/bin/bash
logger “The systems current uptime is $(uptime)”
>> esc
>> wq!
Modify umask permissions
>> chmod +x uptimelog
>> ./uptimelog
>> journal -xn

Cron is a task time based organizer it helps set times for updates and such
system cron is already assigned into your etc directory

cron tab – shows you all you need to know

ls | grep cron
cron.d
- any programs that have their own cron schedule

anacrontab
- allows you to run a command that has not been run for several days

Install Red Hat Enterprise Linux Automatically Using Kickstart

The **Red Hat Kickstart** installation method is used primarily (but not exclusively) by the Red Hat Enterprise Linux operating system to automatically perform unattended operating system installation and configuration.

Vim anaconda-ks.cfg
- you can use this as a starting point

yum install system-config-kickstart

on console
system-config-kickstart
- to pull up the gui

Configure a Physical Machine to Host Virtual Guests

Qemu
- makes the virtualization and also the cpu to hold and host guest
libvirt – helps us interact with qemu and kvm

yum install virt-manager qemu-kvm qemu-img
yum install libvirt libvirt-python python-virtinst libvirt-client
Enable libvirt – if you dont you will not be able to enable a vm to boot when your system boot
systemctl enable libvirtd
systemctl start libvirtd

virsh
- command line for managing virtualization

Install Red Hat Enterprise Linux Systems as Virtual Guests

– have to have physical machine

>> Before you begin have an iso file for the operating system you want to use
>> go to applications
>> system tools
>> virtual machine manager
>> click file – new virtual machine
>> forward
>> browse / browse local – find iso and install

you will not have a network the first time you start
>> ip addr
>> ls /*sys*/class/net
>> cd *etc*.*sysconfig*network-scripts/
>> ls
>> cat ifcfg-ens3
>> nmcli con up ens3
>> nmcli con mod “ens3” connection.autoconnect yes
– this allows the device to activate on boot

Configure Systems to Launch Virtual Machines at Boot

>> virsh
>> autostart (vm-name)
– starts a vm at runtime

Configure a System to Use Time Services

timedatectl
- provides information about the system configuration time
timedatectl chronyd
timedatectl list-timezones
- lists all the available timezones
tzselect
- shows you a list of places
timedatectl set-timezone (timezone location)
- sets the timezone
timedatectl set-time (time of day)
- allows your to set your current time
systemctl status chronyd

chronyc sources -v
- shows the actual servers that it is communicating with
- google about stratum

chronyc tracking

Now to change the time services
>> cd /etc
>> vim chrony.conf
>> modify the servers
>> systemctl restart chronyd
>> chronyc sources -v

Install and Update Software Packages from Red Hat Network, a Remote Repository or the Local File System: Managing Repositories

cd /yum.repos.d

- if you ls this it will show you a list of repositories

yum repolist all
-shows you all enabled and disabled repos

to disable a repo
>> you can vim into the repo and change enabled to = 0
or
>> yum-config-manage --disable (repo id)

Install and Update Software Packages from Red Hat Network, a Remote Repository or the Local File System: Configuring a Local Repository: Configure the GPG Key

- Download gpg
- learn how to configure it
- why it is important

Yum-config-manager --add-repo http://dl.fedoraproject.org/epel/7/x86_64/

dl.fedoraproject.org/pub/epel/
- goes to the epel list so you can download the versions of fedora

>> cd *etc*
>> cd pki
>> cd rpm-gpg
>> ls
*>> wget http://*dl.fedoraproject.org/pub/epel/RPM-GPG-KEY-EPEL-7
>> *etc/*pki/rpm-gpg/RPM-GPG-KEY-EPEL-7
>> cd *etc*yum.repos.d
>> ls
>> vim dl.fedoraproject.org_pub_epel_7_x86_64_.repo

>>gpgcheck=1

>>gpgkey=file:/// *etc/*pki/rpm-gpg/RPM-GPG-KEY-EPEL-7

>>:wq!

>> yum install python-pip

Update the Kernel Package Appropriately to Ensure a Bootable System

Uname
-prints out system information
yum upgrade
- will update the version of the kernel
yum clean all
- cleans up the repos
yumdownloader kernel
- will download the rpm files for the kernel
rpm ivh kernel-3.10.0-299.1.2.el7.x86_64.rpm
yum install linux-firmware
- will update the firmware

cd /boot

Configure Firewall Settings Using firewall-config, firewall-cmd, or iptables

Yum install firewalld firewall-config

systemctl start firewalld

systemctl enable firewalld

firewalld can make runtime changes which rules do not survive a systemctl reboot

firewall-cmd --get-zones
- commandline to open it up

firewall-cmd --get-default-zone

man firewalld
- shows firewall options

firewall-cmd --list-all
- views the rules that are inside of the firewall

firewall-cmd --zone=home --list-all
- changes from default to home

firewall-cmd --zone=home --add-source=(ip address)
- adds the ipaddress range

firewall-cmd --reload
- is created as a runtime change / you have to do this every time you make a firewall change

firewall-cmd –zone=public –add-port=80/tcp

- adds port 80 non permanent
firewall-cmd –zone=public –add-port=80/tcp –permanent

firewall-config
→ really important gui based interface for the firewall

firewall-cmd –panic-on
→ locks down everything and makes it unusable

Configure Key-Based Authentication for SSH

ssh-keygen -t dsa
ssh-keygen -t rsa

→ enter a passphrase

navigate into the ssh file
→ id_rsa = private key

→ id_rsa.pub = public key
permissions on private key = 600

permissions on a public key =644

Introduction to SELinux

https://www.centos.org/docs/5/html/Deployment_Guide-en-US/ch-selinux.html

getenforce
→ Shows that selinux is turned on

setenforce 0
→ puts this into permissive mode

setenforce 1
→ puts it back into enforcing mode

cd /*etc/selinux*
vim config