Update Repositories

corporealsoul@localhost:~$ sudo yum update -y

Network Identity

corporealsoul@localhost:~$ sudo vi /etc/hostname

root@localhost:~# cat /etc/hostname

corporealsoul-server

Local Host Resolution

corporealsoul@localhost:~$ sudo vi /etc/hosts

192.168.56.4 corporealsoul-server

Static IP Configuration

corporealsoul@localhost:~$ sudo nmtui

Static Address : 192.168.56.4

Gateway : 192.168.56.1

DNS Server : 8.8.8.8, 8.8.4.4

Customizing the Shell Environment - User

corporealsoul@corporealsoul-server:~$ vi .bashrc

corporealsoul@corporealsoul-server:~$ source ~/.bashrc

export PS1="\[\e[01;37m\]\[\[\e[0m\]\[\e[01;32m\]\u\[\e[0m\]\[\e[00;37m\]@\[\e[0m\]\[\e[01;34m\]\h\[\e[0m\]\[\e[00;37m\]\[\e[0m\]\[\e[00;37m\]\t\[\e[0m\]\[\e[01;37m\] \W]\\$ \[\e[0m\]"

Customizing the Shell Environment - Root

corporealsoul@corporealsoul-server:~$ sudo su -

root@corporealsoul-server:~# vi .bashrc

root@corporealsoul-server:~# source ~/.bashrc

export PS1="\[\e[01;37m\]\[\[\e[0m\]\[\e[01;31m\]\u\[\e[0m\]\[\e[00;37m\]@\[\e[0m\]\[\e[01;34m\]\h\[\e[0m\]\[\e[00;37m\]\[\e[0m\]\[\e[00;37m\]\t\[\e[0m\]\[\e[01;37m\] \W]\\$ \[\e[0m\]"

Generate a New SSH key pair

```
[corporealsoul@corporealsoul-server 16:18:27 ~]$ ssh-keygen -t ed25519

[corporealsoul@corporealsoul-server 16:18:27 ~]$ ssh-copy-id corporealsoul@192.168.56.4

[corporealsoul@corporealsoul-server 16:18:27 ~]$ ssh-copy-id corporealsoul@192.168.56.8

[corporealsoul@corporealsoul-server 16:18:27 ~]$ cat ./.ssh/authorized_keys
```

Elevated Privileges (root access)

```
[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo visudo

corporealsoul ALL=(ALL) NOPASSWD:ALL
```

Enable / Disable Password Login

```
[corporealsoul@corporealsoul-server 15:57:46 ~]$ sudo vi /etc/ssh/sshd_config

[corporealsoul@corporealsoul-server 16:54:44 ~]$ systemctl restart sshd

PermitRootLogin yes

PasswordAuthentication yes
```

Enable EPEL repository

```
[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum update -y

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum install epel-release -y
```

Required Software Installation

```
[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum update -y

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum install htop -y

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum install make -y

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum install git -y

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum install curl wget -y

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo yum install net-tools -y
```

Disable Unused Services

```
[corporealsoul@corporealsoul-server 16:16:19 ~]$ systemctl list-unit-files --type=service --state=enabled

[corporealsoul@corporealsoul-server 16:16:19 ~]$ systemctl disable postfix
```

Manage Firewall

```
[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo systemctl status firewalld.service

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo systemctl enable --now sshd

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo systemctl enable --now firewalld

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo firewall-cmd --permanent --add-service=ssh

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo firewall-cmd --permanent --add-service=http

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo firewall-cmd --permanent --add-service=https

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo firewall-cmd --reload

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo firewall-cmd --list-all
```

Manage SELinux

```
[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo getenforce

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo setenforce 1

[corporealsoul@corporealsoul-server 16:18:27 ~]$ sudo vi /etc/selinux/config

# Set SELINUX=enforcing
```