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
```