



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 nmcli  
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\[\e[0m\]\[\e[00;37m\]\a\[\e[0m\]\[\e[01;34m\]\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\[\e[0m\]\[\e[00;37m\]\a\[\e[0m\]\[\e[01;34m\]\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
```