

## **Install Samba**

```
sudo dnf install samba samba-common samba-client -y
```

## **Enable and Start Samba Services**

```
sudo systemctl enable --now smb nmb
```

## **check status**

```
systemctl status smb
```

```
systemctl status nmb
```

## **Create a Shared Folder**

```
sudo mkdir -p /srv/shared
```

```
sudo chmod -R 777 /srv/shared
```

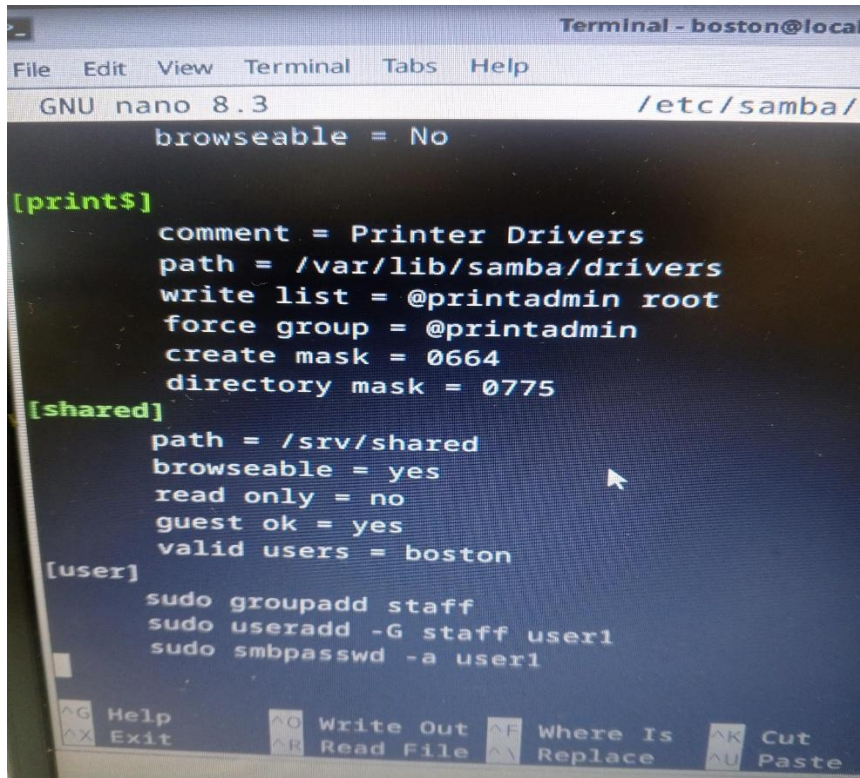
## **Create a Samba User**

```
sudo smbpasswd -a boston
```

```
sudo smbpasswd -e boston
```

## **Configure Samba**

```
sudo nano /etc/samba/smb.conf
```



```
Terminal - boston@local
GNU nano 8.3 /etc/samba/
browseable = No

[print$]
comment = Printer Drivers
path = /var/lib/samba/drivers
write list = @printadmin root
force group = @printadmin
create mask = 0664
directory mask = 0775

[shared]
path = /srv/shared
browseable = yes
read only = no
guest ok = yes
valid users = boston

[user]
sudo groupadd staff
sudo useradd -G staff user1
sudo smbpasswd -a user1

^G Help      ^O Write Out ^F Where Is  ^K Cut
^X Exit      ^R Read File ^A Replace   ^U Paste
```

Save & exit (CTRL+O, ENTER, CTRL+X)

## Test Samba config

Testparm

## Restart Samba

```
sudo systemctl restart smb nmb
```

## Allow Samba through Firewall

```
sudo firewall-cmd --add-service=samba --permanent
```

```
sudo firewall-cmd --reload
```

## Find Fedora IP

```
ip a
```

```
check status
```

```
systemctl status smb
```

```
fedora server [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Applications: Terminal - boston@localh...

Terminal - boston@localhost:~
File Edit View Terminal Tabs Help

boston@localhost:~$ sudo systemctl status smb
• smb.service - Samba SMB Daemon
  Loaded: loaded (/usr/lib/systemd/system/smb.service; enabled; preset: disa>
  Drop-In: /usr/lib/systemd/system/service.d
           └─10-timeout-abort.conf
  Active: active (running) since Mon 2025-10-27 11:53:45 EAT; 5h 57min ago
  Invocation: 2c803c5a68dd43bab318bdcaad4c979d
  Docs: man:smbd(8)
        man:samba(7)
        man:smb.conf(5)
  Main PID: 1050 (smbd)
  Status: "smbd: ready to serve connections..."
  Tasks: 3 (limit: 2289)
  Memory: 12M (peak: 12.9M)
  CPU: 1.542s
  CGroup: /system.slice/smb.service
           └─1050 /usr/bin/smbd --foreground --no-process-group
             └─1091 /usr/bin/smbd --foreground --no-process-group
               └─1092 /usr/bin/smbd --foreground --no-process-group

Oct 27 11:53:43 localhost.localdomain systemd[1]: Starting smb.service - Samba >
Oct 27 11:53:45 localhost.localdomain systemd[1]: Started smb.service - Samba S>

boston@localhost:~$
```