19

Exercise 1 – SAMBA Server Installation and configuration

Installation of SAMBA Server

Use the root account to complete this exercise

Exercise 1.1: Tasks to Perform on AlmaLinux:

1. Install the **SAMBA server** and its dependencies.

2. Start and enable the **SAMBA service**.

```
systemctl enable - -now smb
```

3. Verify that the SAMBA service is both active and enabled.

systemctl status smb

```
root@server1 /]#
[root@server1 /]# systemctl enable --now smb
Created symlink /etc/systemd/system/multi-user.target.wants/smb.service → /usr/lib/systemd/system/smb.service.
[root@server1 /]#
[root@server1 /]# systemctl status sm
smartcard.target smartd.service
                                         smb.service
[root@server1 /]# systemctl status smb
• smb.service - Samba SMB Daemon
     Loaded: loaded (/usr/lib/systemd/system/smb.service; enabled; preset: disabled)
     Active: active (running) since Wed 2025-04-02 12:54:14 EDT; 20s ago
       Docs: man:smbd(8)
              man:samba(7)
              man:smb.conf(5)
   Main PID: 62894 (smbd)
     Status: "smbd: ready to serve connections..."
      Tasks: 3 (limit: 22829)
     Memory: 18.8M
        CPU: 46ms
     CGroup: /system.slice/smb.service
               62894 /usr/sbin/smbd --foreground --no-process-group
62897 /usr/sbin/smbd --foreground --no-process-group
62898 /usr/sbin/smbd --foreground --no-process-group
Apr 02 12:54:13 server1 systemd[1]: Starting Samba SMB Daemon...
Apr 02 12:54:14 server1 smbd[62894]: [2025/04/02 12:54:14.007170, 0] ../../source3/smbd/server.c:1746(main)
Apr 02 12:54:14 server1 smbd[62894]: smbd version 4.20.2 started.
Apr 02 12:54:14 server1 smbd[62894]: Copyright Andrew Tridgell and the Samba Team 1992-2024
Apr 02 12:54:14 server1 systemd[1]: Started Samba SMB Daemon.
[root@server1 /]#
```

4. Authorize the SAMBA service in the **firewall**.

firewall-cmd -permanent --add-service=samba -zone-nm=shared

firewall-cmd -reload

5. Verify that the necessary services have been added and allowed through the firewall.

firewall-cmd -list-services -zone=nm-shared

```
[root@server1 /]#
[root@server1 /]# firewall-cmd --permanent --add-service=samba --zone=nm-shared
success
[root@server1 /]# firewall-cmd --reload
success
[root@server1 /]# firewall-cmd --list-s
--list-services --list-sources
[root@server1 /]# firewall-cmd --list-services
[root@server1 /]# firewall-cmd --list-services
[root@server1 /]# firewall-cmd --list-services --zone=nm-shared
dhcp dns mountd nfs rpc-bind samba ssh
[root@server1 /]#
```

6. List all **TCP** and **UDP** ports currently listening on the server.

netstat -tunap

```
[root@server1 /]# netstat -tunap
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address
                                                                        Foreign Address
0.0.0.0:*
                                                                                                                 State
                                                                                                                                     PID/Program name
                          0 0.0.0.0:20048
0 0.0.0.0:44809
0 0.0.0.0:55909
0 0.0.0.0:139
                                                                         0.0.0.0:*
                                                                                                                 LISTEN
                                                                        0.0.0.0:*
                                                                                                                                     62894/smbd
                             0 127.0.0.1:631
0 0.0.0.0:111
tcp
tcp
                                                                        0.0.0.0:*
                                                                                                                 LISTEN
                                                                                                                                     1/systemd
                             0 0.0.0.0:22
0 0.0.0.0:2049
                                                                        0.0.0.0:*
                                                                                                                 LISTEN
LISTEN
tcp
tcp
                             0 0.0.0.0:445°
0 :::20048
                                                                                                                                    59002/rpc.mountd
58998/rpc.statd
995/cupsd
tcp6
                                                                                                                 LISTEN
tcp6
                             0 :::49985
0 ::1:631
                                                                                                                 LISTEN
LISTEN
tcp6
tcp6
tcp6
                                                                                                                                     62894/smbd
                                                                                                                                     1/systemd
tcp6
tcp6
                             0 :::22
0 :::2049
                                                                                                                 LISTEN
LISTEN
tcp6
tcp6
                                                                                                                 LISTEN
                                                                                                                                     62894/smbd
                             0 0.0.0.0:111
0 127.0.0.1:323
0 127.0.0.1:700
                                                                        0.0.0.0:*
0.0.0.0:*
                                                                                                                                     1/systemd
787/chronyd
  dp
dp
dp
                                                                                                                                     58998/rpc.statd
766/avahi-daemon: r
                                                                         0.0.0.0:*
                             0 0.0.0.0:51924
0 0.0.0.0:58484
0 0.0.0.0:5353
0 0.0.0.0:60967
 idp
idp
idp
idp
idp6
idp6
idp6
                                                                         0.0.0.0:*
                                                                                                                58998/rpc.statd
59002/rpc.mountd
ESTABLISHED 972/NetworkManager
                                                                         0.0.0.0:*
                             0 0.0.0.0:20048
0 192.168.204.128:68
                                                                         192.168.204.254:67
                                                                                                                                    1/systemd
58998/rpc.statd
                                                                                                                                    787/chronyd
766/avahi-daemon: r
                              0 :::45789
 udp6
udp6
                             0 :::52147
0 :::5353
                                                                                                                                     766/avahi-daemon: r
udp6 0 0
[root@server1 /]#
                                                                                                                                     59002/rpc.mountd
```

ss -tuanlp

7. Identify the **TCP port numbers** used by SAMBA services.

```
Port 445 and port 139
netstat -tunalp | grep -E "139|445"
ss -tunalp | grep -E "139|445"
```

```
TT21FM
                                                                                     62894/SMDa
[root@server1 /]# netstat -tunalp | grep -E "139|445"
               0 0.0.0.0:139
           0
                                               0.0.0.0:*
                                                                        LISTEN
                                                                                     62894/smbd
tcp
                                                                        LISTEN
           0
                  0 0.0.0.0:445
                                               0.0.0.0:*
                                                                                     62894/smbd
tcp
           0
                                                                        LISTEN
                                                                                     62894/smbd
tcp6
           0
                                                                                     62894/smbd
tcp6
                  0 :::44
                                                                        LISTEN
[root@server1 /]# ss -tunalp | grep -E "139|445"
      LISTEN 0
                   50
                                                                     users:(("smbd",pid=62894,fd=32))
                                   0.0.0.0:139
                                                       0.0.0.0:*
tcp
                                   0.0.0.0:445
                                                                     users:(("smbd",pid=62894,fd=31))
tcp
                     50
      LISTEN 0
                                                       0.0.0.0:*
                                      [::]:139
                                                                     users:(("smbd",pid=62894,fd=30))
                     50
tcp
      LISTEN 0
                                                           [::]:*
                                       [::]:445
                                                                     users:(("smbd",pid=62894,fd=29))
                     50
tcp
      LISTEN 0
                                                           [::]:*
[root@server1 /]#
To direct input to this VM, move the mouse pointer inside or press Ctrl+G.
```

SAMBA Server Configuration

Use the root account to complete this exercise

Exercise 1.2: Tasks to Perform on AlmaLinux:

1. Create the directory /Samba/General.

chcon -t samba share t /Samba/General/

mkdir -p /Samba/General

```
[root@server1 /]#
[root@server1 /]# mkdir -p /Samba/General
[root@server1 /]#

chmod -R 777 /Samba/General/
```

chown -R 777 /Samba/General/

```
[root@server1 /]#
[root@server1 /]# chmod -R 777 /Samba/General/
[root@server1 /]# chown -R 777 /Samba/General/
[root@server1 /]# chcon -t samba_share_t /Samba/General/
[root@server1 /]#
[root@server1 /]# ls -LZd /Samba/
drwxr-xr-x. 3 root root unconfined_u:object_r:default_t:s0 21 Apr 2 21:01 /Samba/
[root@server1 /]# |
```

Configure the SAMBA service to share the /Samba/General directory, accessible from SAMBA clients without requiring a password (guest access).

vim /etc/samba/smb.conf

Add:

In section

```
[global]
Map to guest = Bad User
[Public]
    comment = Public Share
    path = /Samba/General
        browsable = yes
        writable = yes
        guest ok = yes
        read only = no
    force user = nobody
```

```
# See smb.conf.example for a more detailed config file or
# read the smb.conf manpage.
# Run 'testparm' to verify the config is correct after
# you modified it.
#
Note:
# Note:
# SMB1 is disabled by default. This means clients without support for SMB2 or
# SMB3 are no longer able to connect to smbd (by default).

[global]

workgroup = SAMBA
security = user

passdb backend = tdbsam
map to guest = Bad User
printing = cups
printcap name = cups
load printers = yes
cups options = raw

[homes]

comment = Home Directories
valid users = %S, %D%w%S
browseable = No
read only = No
inherit acls = Yes

[printers]

comment = All Printers
path = /var/tmp
printable = Yes
create mask = 0600
browseable = No

[prints]

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

[Public]
comment = Public Share
path = /Samba/General
browsable = yes
guest ok = yes
read only = no
| Force user = nobody
```

3. Run a command to validate the SAMBA server configuration.

```
[root@server1 /]# testparm
Load smb config files from /etc/samba/smb.conf
Loaded services file OK.
Weak crypto is allowed by GnuTLS (e.g. NTLM as a compatibility fallback)

Server role: ROLE_STANDALONE

Press enter to see a dump of your service definitions

# Global parameters
```

4. Restart the **smb service** to apply the configuration changes.

Test the SAMBA service from an Ubuntu client

Use your Ubuntu user account to complete this exercise on Ubuntu

Exercise 1.3: Tasks to Perform on Ubuntu:

1. Install the SAMBA client on Ubuntu.

sudo apt install samba-client

```
nporazeCtiont::/.ssb$ sudo apt install samba-client
Reading package lists... Done
Bulding dependency tree... Done
Bulding dependency tree... Done
Reading state information... Done
Note, selecting 'smbclient' instead of 'samba-client'
The following additional packages will be installed:
    python3-gpg python3-samba python3-tdb samba-common samba-common-bin samba-dsdb-modules
Suggested packages:
    hetmdal-clients python3-markdown python3-dnspython cifs-utils
The following NEW packages will be installed:
    python3-gpg python3-samba python3-tdb samba-common samba-common-bin samba-dsdb-modules smbclient

9 upgraded, 7 newly installed, 0 to remove and 14 not upgraded.
Need to get 4,827 kB of archives.
After this operation, 29.0 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get: 1 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 samba-common all 2:4.15.13+dfsg-0ubuntu1.6 [75.7 kB]
Get: 2 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 python3-gpg and64 1.16.0-1.2ubuntu4.2 [214 kB]
Get: 3 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 python3-gpg and64 1.16.0-1.2ubuntu4.2 [214 kB]
Get: 3 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 python3-smbb and64 1.5.1.3-dfsg-0ubuntu1.6 [47.5 kB]
Get: 3 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 python3-smbb and64 1.15.1.3-dfsg-0ubuntu1.6 [3.115 kB]
Get: 6 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 python3-smbb and64 2.4.1.5.1.3-dfsg-0ubuntu1.6 [620 kB]
Get: 7 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 samba-common-bin and64 2.4.1.5.1.3-dfsg-0ubuntu1.6 [620 kB]
Get: 7 http://ca.archive.ubuntu.com/ubuntu jammy-updates/nain and64 samba-common-bin and64 2.4.1.5.1.3-dfsg-0ubuntu1.6 [620 kB]
Freconfiguring packages
Selecting packages
Se
```

2. Use the SAMBA client to connect to the **General share** on the AlmaLinux server.

```
smbclient '\\192.168.50.10\Public'
Password for [WORKGROUP\mperez]:
Try "help" to get a list of possible commands.
                       41877504 blocks of size 1024. 36365380 blocks available
smb: \> pwd
Current directory is \\192.168.50.10\Public\
smb: \> help
                      allinfo
cancel
close
                                                                   archive
cd
deltree
                                                                    get
history
                                                                                           getfacl
iosize
                                                                    lowercase
mget
notify
                                                                                          ls
mkdir
open
                                                                                          posix rmdir
                                                                    posix
posix_unlink
pwd
                                                                                          put
readlink
                       q
recurse
                                                                                          reput
setmode
tarmode
                                                                    logoft
```

3. Create a **test** subdirectory inside the General share.

```
mkdir Test_dir_Samba
```

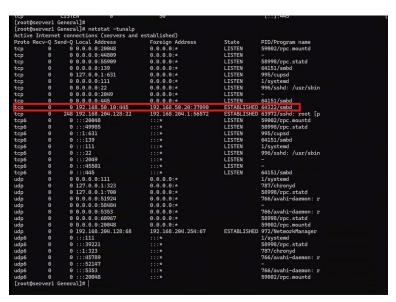
```
smb: \> mkdir Test_dir_Samba
smb: \>
```

4. Return to the **AlmaLinux** server and verify that the subdirectory **test** was created in **/Samba/General.**

```
[root@server1 General]#
[root@server1 General]# ll
total 0
drwxr-xr-x. 2 nobody nobody 6 Apr 2 22:40 Test_dir_Samba
[root@server1 General]# |
```

5. While still on **AlmaLinux**, list **open ports**. Is there an active connection between the **SAMBA** server and the **Ubuntu** client?

Yes



6. On the **Ubuntu** client, close the established SAMBA connection.

```
smb: \> exit
mperez@client1:-/.ssh$
```

Exercise 1.4: Tasks to Perform on AlmaLinux and Windows 11:

1. On the AlmaLinux Server, create the directory /Samba/Secure.

mkdir -p /Samba/Secure

```
[root@server1 General]#
[root@server1 General]# mkdir -p /Samba/Secure
[root@server1 General]# |
```

To securely create a shared directory, you need to create a Samba system group. All users with access to the secure share will be added to this group.

Then, use the usermod command to add users, for example, mperez, to the smbgrpgroup, and set a Samba password for the user (alma)

groupadd smbgrp usermod mperez -aG smbgrp smbpasswd -a mperez

```
[root@server1 General]#
[root@server1 General]#
[root@server1 General]# groupadd smbgrp
[root@server1 General]# usermod mperez -aG smbgrp
[root@server1 General]# smbpasswd -a mperez
New SMB password:
Retype new SMB password:
Added user mperez.
[root@server1 General]# |
```

Set the appropriate ownership and permissions to restrict access.

Update the SELinux security context to allow Samba access to the directory.

```
chmod -R 770 /Samba/Secure/
chgrp smbgrp /Samba/Secure/
chcon -t samba_share_t /Samba/Secure/
```

```
[root@server1 Generat]# cd /
[root@server1 /]# chmod -R 770 /Samba/Secure/
[root@server1 /]# chgrp smbgrp /Samba/Secure/
[root@server1 /]# chcon -t samba_share_t /Samba/Secure/
[root@server1 /]# |
```

2. Configure the **SAMBA service** to share **/Samba/Secure**, making it accessible from a **Windows 11** client using **your user credentials**.

```
vim /etc/samba/smb.conf
```

```
[Secure]
path = /Samba/Secure
```

```
browseable = yes
writable = yes
valid users = @smbgrp
read only = nd
```

```
# SMB3 are no longer able to connect to smbd (by default).
[global]
          workgroup = SAMBA
          security = user
          passdb backend = tdbsam
map to guest = Bad User
          printing = cups
printcap name = cups
           load printers =
          cups options = raw
[homes]
          comment = Home Directories
           valid users = %S, %D%w%S
          browseable =
          read only = No
inherit acls = Yes
[printers]
          comment = All Printers
path = /var/tmp
          printable =
           create mask = 0600
          browseable =
[print$]
          comment = Printer Drivers
          path = /var/lib/samba/drivers
write list = @printadmin root
force group = @printadmin
create mask = 0664
          directory mask = 0775
[Public]
          comment = Public Share
path = /Samba/General
browsable = yes
          writable =
          guest ok =
          read only = no
force user = nobody
   path = /Samba/Secure
browseable = yes
   writable =
    valid users = @smbgrp
    read only = no
   INSERT -
```

3. Validate the SAMBA configuration file for correctness.

testparm

```
[root@server1 /]#
[root@server1 /]# testparm
Load smb config files from /etc/samba/smb.conf
Loaded services file OK.
Weak crypto is allowed by GnuTLS (e.g. NTLM as a compatibility fallback)

Server role: ROLE_STANDALONE

Press enter to see a dump of your service definitions

# Global parameters
[global]

map to guest = Bad User
printcap name = cups
```

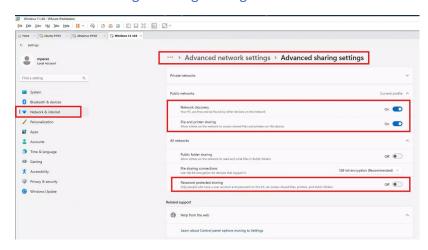
4. Restart the **smb service** to apply your configuration.

systemctl reload smb.service

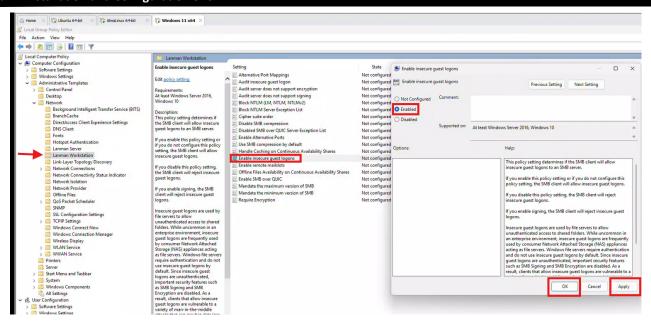
systemctl status smb.service

5. Test the SAMBA share from a Windows 11 client by attempting to access the Secure share.

Windows 11 Change sharing settings



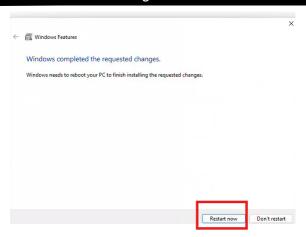
Enable insecure guest logons



Turn windows features on or off



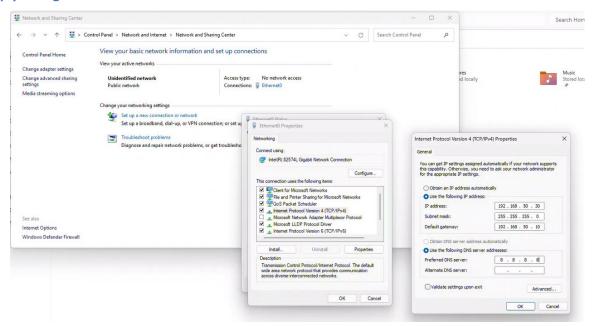
Restart windows



Change IP to static IP in Windows 11

Using Control Panel

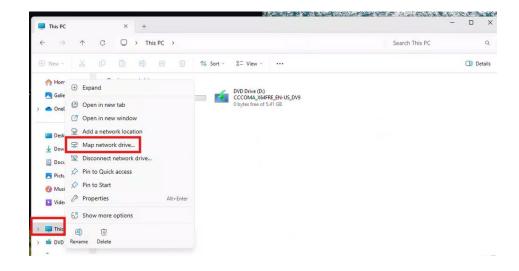
- 1. Open Control Panel: Search for "Control Panel" in the Start menu and open it.
- 2. Go to Network and Sharing Center: Click on "Network and Sharing Center."
- 3. Select Your Connection: Click on your active network connection.
- 4. Open Properties:
- Click "Properties" in the connection window.
- Select "Internet Protocol Version 4 (TCP/IPv4)" and click "Properties."
- 5. Set a Manual IP:
- Check "Use the following IP address."
- Enter your desired IP address, Subnet Mask, Gateway, and DNS settings.
- 6. Apply Changes: Click "OK" to save.

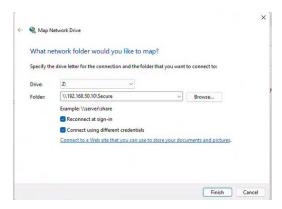


Access the Secure share

\\192.168.50.10\Secure

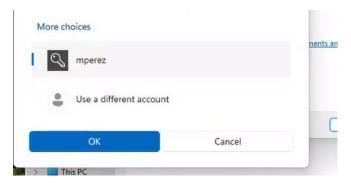
- a. Go to My PC/Map Network Drive
- b. Open File Explorer: Press 'Windows + E' or click the folder icon on your taskbar.
- c. Go to "This PC": In the left-hand menu, click "This PC."
- d. Select "Map Network Drive":
 - In the top toolbar, click on "Map network drive."
 - If you don't see it, expand the ribbon menu by clicking the small arrow in the top-right corner.
- e. Choose a Drive Letter:
 - Select an available drive letter from the dropdown menu.
 - This will act as the label for your network drive.
- f. Enter the Network Path:
 - In the "Folder" field, type the path to the shared folder \\192.168.50.10\Secure
 - Alternatively, click "Browse" to locate the shared folder on your network.
- g. Set Preferences:
 - Check "Reconnect at sign-in" if you want the drive to reconnect automatically.
 - If needed, check "Connect using different credentials" to log in with a specific username and password.
- h. Finish: Click "Finish" to complete the process. The network drive will now appear under "This PC."



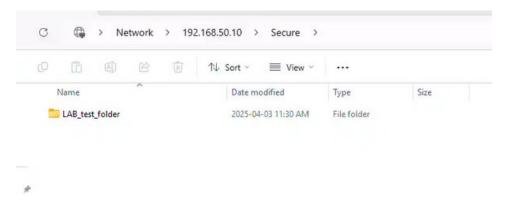




If more choices you can select a user



Create a folder called LAB_test_folder



On alma Linux we can see the file is there

See the creator is mperez

```
[mperez@server1 ~]$ su -
Password:
[root@server1 ~]#
[root@server1 ~]#
[root@server1 ~]# cd /Samba/Secure/
[root@server1 Secure]# ls -ltrqha
total 0
drwxr-xr-x. 4 root root 35 Apr 2 22:50
drwxr-xr-x. 2 mperez mperez 6 Apr 3 11:30
drwxrwx---. 3 root smbgrp 29 Apr 3 11:30
[root@server1 Secure]#
```

Verify connection between alma linux and windows 11 is established

```
[root@server1 ~]# netstat -tunalp
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address

tcp 0 0 0.0.0.0:4445 0.0.0.0:*

tcp 0 0 0.0.0.0:2049 0.0.0.0:*

tcp 0 0 0.0.0.0:22 0.0.0.0:*

tcp 0 0 0.0.0.0:111 0.0.0.0:*

tcp 0 0 0.0.0.0:111 0.0.0.0:*

tcp 0 0 0.0.0.0:139 0.0.0.0:*

tcp 0 0 0.0.0.0:139 0.0.0.0:*

tcp 0 0 127.0.0.1:631 0.0.0.0:*

tcp 0 0 0.0.0.0:20048 0.0.0.0:*

tcp 0 0 0.0.0.0:10048 0.0.0.0:*

tcp 0 0 192.168.50.10:445 192.168.26
                                                                                                                                                                                                                                         State
LISTEN
LISTEN
                                                                                                                                                        Foreign Address
0.0.0.0:*
                                                                                                                                                                                                                                                                                  PID/Program name
1293/smbd
                                                                                                                                                                                                                                                                                  1037/sshd: /usr/sbi
1/systemd
1284/rpc.statd
1293/smbd
1030/cupsd
                                                                                                                                                                                                                                         LISTEN
LISTEN
                                                                                                                                                                                                                                         LISTEN
                                                                                                                                                                                                                                         LISTEN
LISTEN
                                                                                                                                                                                                                                      LISTEN 1307/rpc.mc
                                                                                                                                                                                                                                                                                    1307/rpc.mountd
192.168.50.30:56886
                                                               0 192.168.204.128:22
0 :::445
0 :::2049
                                                                                                                                                       192.168.204.1:50422
:::*
:::*
                                                                                                                                                                                                                                         ESTABLISHED 6671/sshd: root Lpr
LISTEN 1293/smbd
LISTEN -
                                                             0 :::2049
0 :::22
0 :::111
0 :::139
0 :::9899
0 :::38149
0 :::58851
0 ::1:631
0 :::20048
0 192.163.204.128:68
0 0.0.0.8:111
127.0.0.1:323
                                                                                                                                                                                                                                         LISTEN
LISTEN
LISTEN
                                                                                                                                                                                                                                                                                   1037/sshd: /usr/sbi
1/systemd
1293/smbd
                                                                                                                                                                                                                                         LISTEN
LISTEN
                                                                                                                                                                                                                                                                                   1284/rpc.statd
1030/cupsd
1307/rpc.mountd
                                                                                                                                                                                                                                         LISTEN
                                                                                                                                                                                                                                         LISTEN
LISTEN
                                                                                                                                                                                                                                         EISIEN 1307/pc.mountd
1307/pc.mountd
ESTABLISHED 1002/NetworkManager
1/systemd
827/chronyd
1284/pc.statd
1284/pc.statd
802/avahi-daemon: r
                                                                                                                                                         0.0.0.0:*
192.168.204.254:67
0.0.0.0:*
                                                               0 127.0.0.1:323
0 0.0.0.0:53715
0 127.0.0.1:659
                                                                                                                                                        0.0.0.0:*
0.0.0.0:*
0.0.0.0:*
                                                               0 0.0.0.0:45746
0 0.0.0.0:50183
0 0.0.0.0:5353
                                                                                                                                                        0.0.0.0:*
0.0.0.0:*
0.0.0.0:*
                                                                                                                                                                                                                                                                                    802/avahi-daemon: r
                                                                                                                                                                                                                                                                                  802/avani-daemon: r
1307/rpc.mountd
1/systemd
827/chronyd
802/avahi-daemon: r
1284/rpc.statd
                                                                       ::1:323
                                                                                                                                                                                                                                                                                    802/avahi-daemon: r
```

Exercise 1.5: Tasks to Perform on AlmaLinux and Windows 11:

- 1. On the **AlmaLinux** Server, configure the **SAMBA service** to allow your **AlmaLinux user** to access their **home directory** from a **Windows 11 client.**
 - a. Modify samba configuration

```
# SMB3 are no longer able to connect to smbd (by default).

[global]

workgroup = SANBA
security = user
passb backend = tdbsum
map to guest = Bad User
printing = cups
printing = cups
cups options = raw
[homes]

comment = Home Directories
valid users = NS, NOWAS
browseable = Vo|
read only = No
inherit acts = Ve;
read only = No
inherit acts = Ve;
printers
path = (Var/Lib/samba/drivers
mrite List = gprintadum root
create mask = 0600
browseable = No
[prints]

comment = Phinter Drivers
path = (Var/Lib/samba/drivers
mrite List = gprintadum root
create mask = 0675

[Public]

comment = Phinter Drivers
path = (Var/Lib/samba/drivers
mrite List = gprintadum root
create mask = 0660
directory mask = 0775

[Public]

sumritable = yes
guest ok = yes
read only = no
force user = nobody

[Secure]
path = (Samba/Secure
browseable = yes
writable = yes
writable = yes
rriable = yes
```

b. Restart smb after config changed

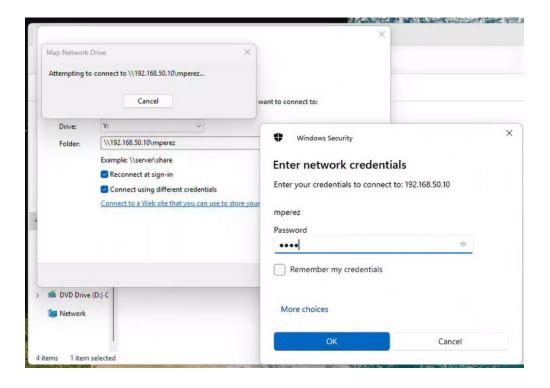
c. Authorise SElinux to authorise the access to the /home directory

- 2. Test this configuration by accessing the user's home directory from a **Windows 11** machine using valid credentials.
- a. Open File Explorer: Press 'Windows + E' or click the folder icon on your taskbar.

- b. Go to "This PC": In the left-hand menu, click "This PC."
- c. Select "Map Network Drive":
 - In the top toolbar, click on "Map network drive."
 - If you don't see it, expand the ribbon menu by clicking the small arrow in the top-right corner.
- d. Choose a Drive Letter:
 - Select an available drive letter from the dropdown menu.
 - This will act as the label for your network drive.
- e. Enter the Network Path:
 - In the "Folder" field, type the path to the shared folder \\192.168.50.10\mperez
 - Alternatively, click "Browse" to locate the shared folder on your network.

f. Set Preferences:

- Check "Reconnect at sign-in" if you want the drive to reconnect automatically.
- If needed, check "Connect using different credentials" to log in with a specific username and password.
- g. Finish: Click "Finish" to complete the process. The network drive will now appear under "This PC."



12 items

