

Assignments:08

Module:- COSA(SAMBA) Name:- Prithviraj Nikam

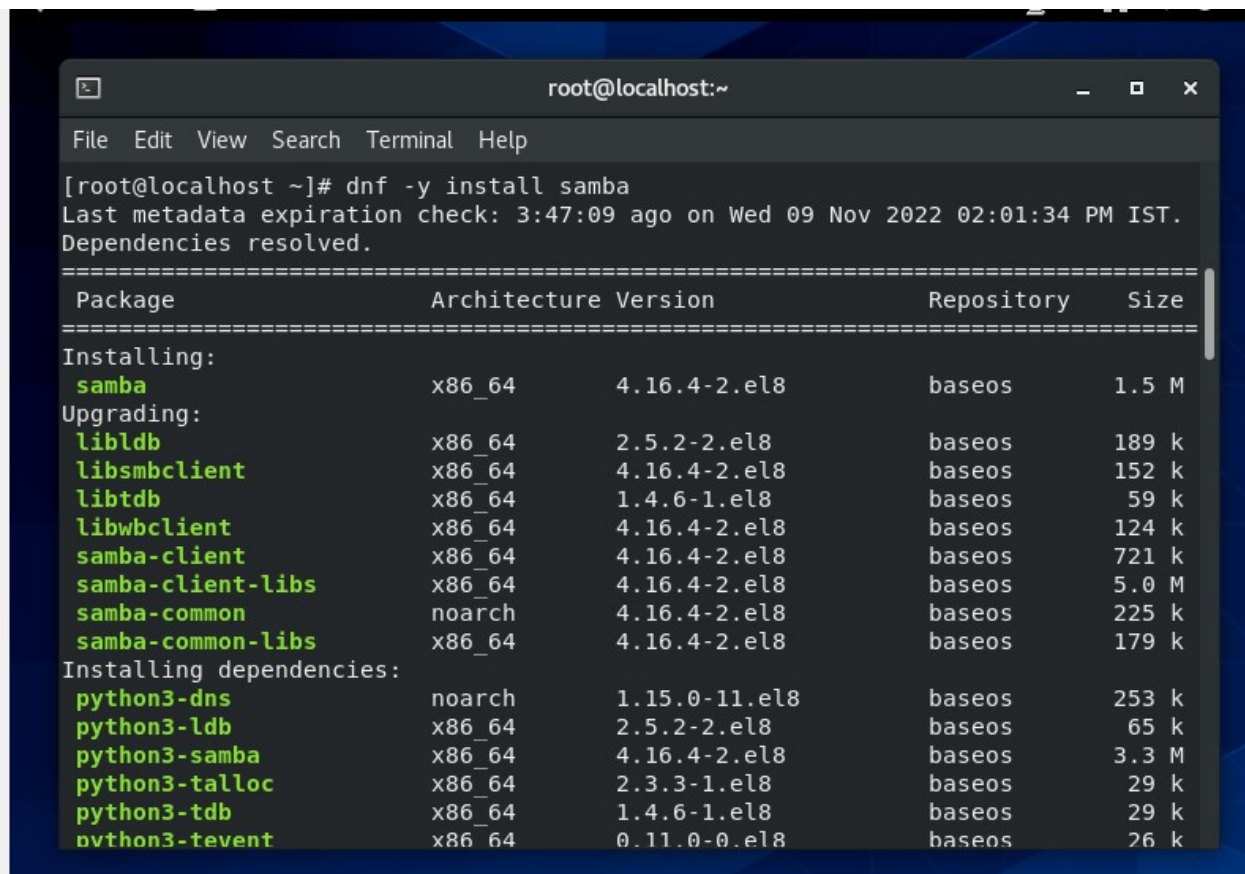
Lab Assignment :-

Configure SAMBA server through your Centos-8 (VM machine)

SERVER:-

Step-1:- Install SAMBA server

Cmd:- # dnf -y install samba



```
root@localhost:~  
File Edit View Search Terminal Help  
[root@localhost ~]# dnf -y install samba  
Last metadata expiration check: 3:47:09 ago on Wed 09 Nov 2022 02:01:34 PM IST.  
Dependencies resolved.  
=====
```

Package	Architecture	Version	Repository	Size
Installing:				
samba	x86_64	4.16.4-2.el8	baseos	1.5 M
Upgrading:				
libldb	x86_64	2.5.2-2.el8	baseos	189 k
libsmbclient	x86_64	4.16.4-2.el8	baseos	152 k
libtdb	x86_64	1.4.6-1.el8	baseos	59 k
libwbclient	x86_64	4.16.4-2.el8	baseos	124 k
samba-client	x86_64	4.16.4-2.el8	baseos	721 k
samba-client-libs	x86_64	4.16.4-2.el8	baseos	5.0 M
samba-common	noarch	4.16.4-2.el8	baseos	225 k
samba-common-libs	x86_64	4.16.4-2.el8	baseos	179 k
Installing dependencies:				
python3-dns	noarch	1.15.0-11.el8	baseos	253 k
python3-ldb	x86_64	2.5.2-2.el8	baseos	65 k
python3-samba	x86_64	4.16.4-2.el8	baseos	3.3 M
python3-talloc	x86_64	2.3.3-1.el8	baseos	29 k
python3-tdb	x86_64	1.4.6-1.el8	baseos	29 k
python3-tevent	x86_64	0.11.0-0.el8	baseos	26 k

Step-2:- configure Samba

```
Activities Terminal Nov 9 17:51
root@localhost:/home
File Edit View Search Terminal Help
[root@localhost ~]# cd /home
[root@localhost home]# mkdir share
[root@localhost home]# ls -ld /home/share
drwxr-xr-x. 2 root root 6 Nov 9 17:50 /home/share
[root@localhost home]# chmod 777 /home/share/
[root@localhost home]# vi /etc/samba/smb.conf
```

```
root@localhost:/home
File Edit View Search Terminal Help
# 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.

[global]
    workgroup = SAMBA
    security = user
    unix charset = UTF-8
    passdb backend = tdbsam
    hosts allow = 192.168.3.131 192.168.3.229
    printing = cups
    printcap name = cups
    load printers = yes
    cups options = raw
    map to guest = Bad User

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

-- INSERT --
```

```
root@localhost:/home
File Edit View Search Terminal Help
[printers]
    comment = All Printers
    path = /var/tmp
    printable = Yes
    create mask = 0600
    browseable = No

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

[share]
    comment = This for demo
    path = /home/share
    writable = yes
    guest ok = yes
    guest only = yes
    force create mode = 777
    force directory mode = 777

-- INSERT --
```

Step -3:-start SAMBA service and check status

```
[root@localhost home]# systemctl start smb.service
[root@localhost home]# systemctl status smb.service
● smb.service - Samba SMB Daemon
   Loaded: loaded (/usr/lib/systemd/system/smb.service; disabled; vendor preset: enabled)
   Active: active (running) since Wed 2022-11-09 17:58:24 IST; 12s ago
     Docs: man:smbd(8)
           man:samba(7)
           man:smb.conf(5)
  Main PID: 3336 (smbd)
    Status: "smbd: ready to serve connections..."
     Tasks: 3 (limit: 12262)
    Memory: 11.6M
    CGroup: /system.slice/smb.service
            └─3336 /usr/sbin/smbd --foreground --no-process-group
              └─3338 /usr/sbin/smbd --foreground --no-process-group
                └─3339 /usr/sbin/smbd --foreground --no-process-group

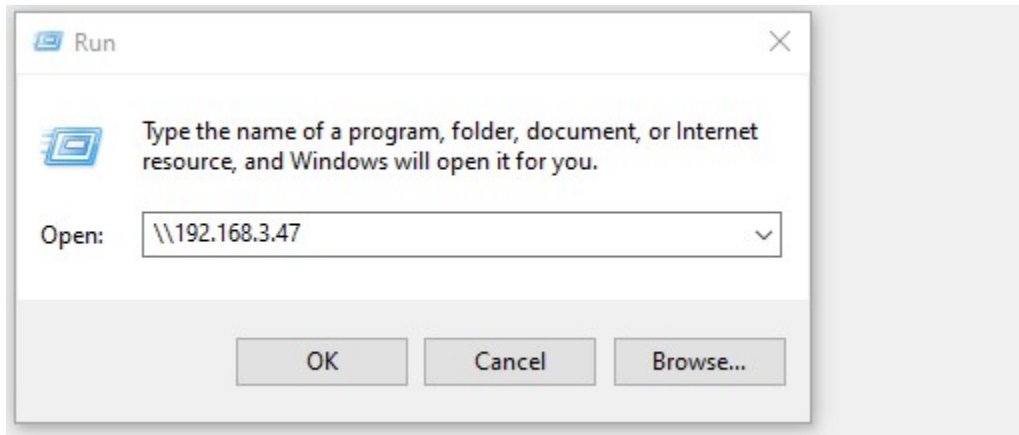
Nov 09 17:58:24 localhost.localdomain systemd[1]: Starting Samba SMB Daemon...
Nov 09 17:58:24 localhost.localdomain smbd[3336]: [2022/11/09 17:58:24.809941, >
Nov 09 17:58:24 localhost.localdomain smbd[3336]:   smbd version 4.16.4 started.
Nov 09 17:58:24 localhost.localdomain smbd[3336]:   Copyright Andrew Tridgell a>
Nov 09 17:58:24 localhost.localdomain systemd[1]: Started Samba SMB Daemon.
lines 1-20/20 (END)
```

Step-4:- stop firewall and disable setenforce

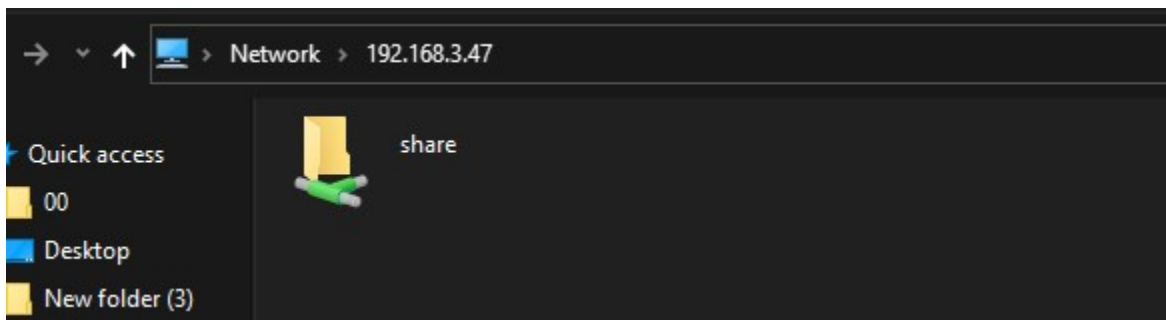
```
[root@localhost home]# systemctl stop firewalld  
[root@localhost home]# iptables -F  
[root@localhost home]# setenforce 0  
[root@localhost home]#
```

Client:-

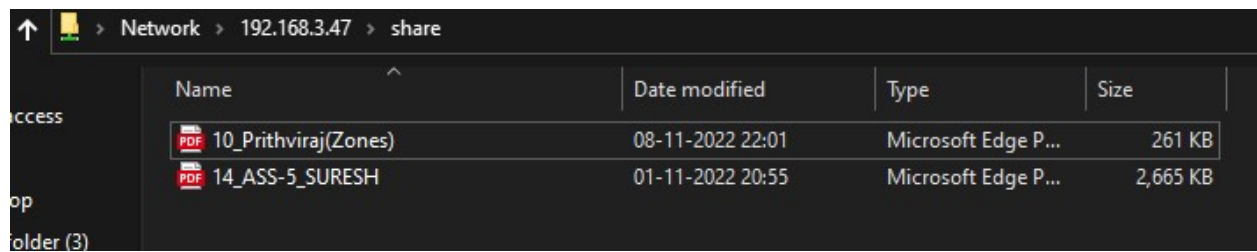
Step-1:- go to windows and run the “RUN” on windows start.and put Linux System ip address



Step -2:- opening the new window



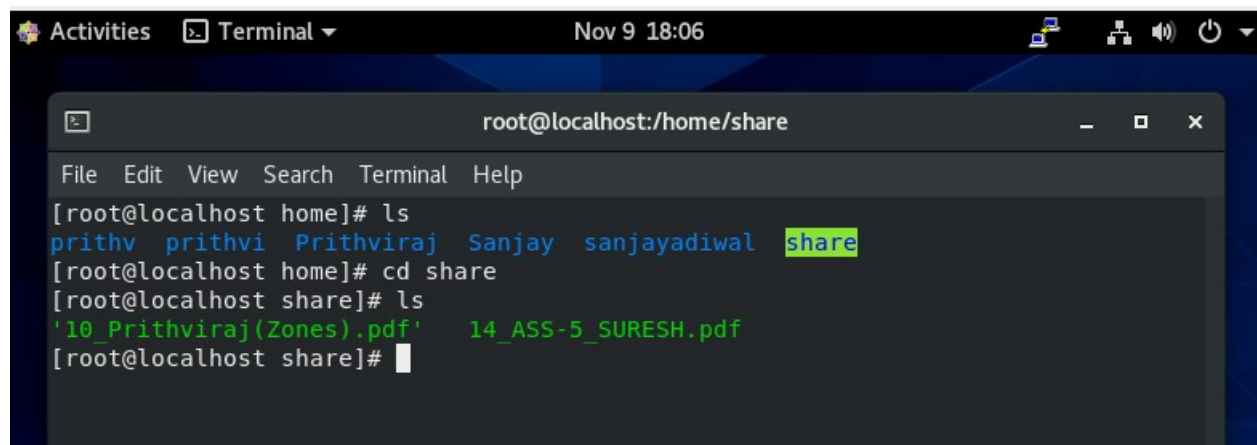
Share any file one folder “share”



↑ > Network > 192.168.3.47 > share				
	Name	Date modified	Type	Size
PDF	10_Prithviraj(Zones)	08-11-2022 22:01	Microsoft Edge P...	261 KB
PDF	14_ASS-5_SURESH	01-11-2022 20:55	Microsoft Edge P...	2,665 KB

SERVER:-

Step-1:- check server side file location



```
root@localhost:/home/share
File Edit View Search Terminal Help
[root@localhost home]# ls
prithv prithvi Prithviraj Sanjay sanjayadiwal share
[root@localhost home]# cd share
[root@localhost share]# ls
'10_Prithviraj(Zones).pdf' 14_ASS-5_SURESH.pdf
[root@localhost share]#
```