

Assignments:09

Module:- COSA(SAMBA-Linux-Linux)

Name:- Prithviraj Nikam

Lab Assignment :-

2. Install samba client on another Linux system and access the share folder mentioned in question -1 by:

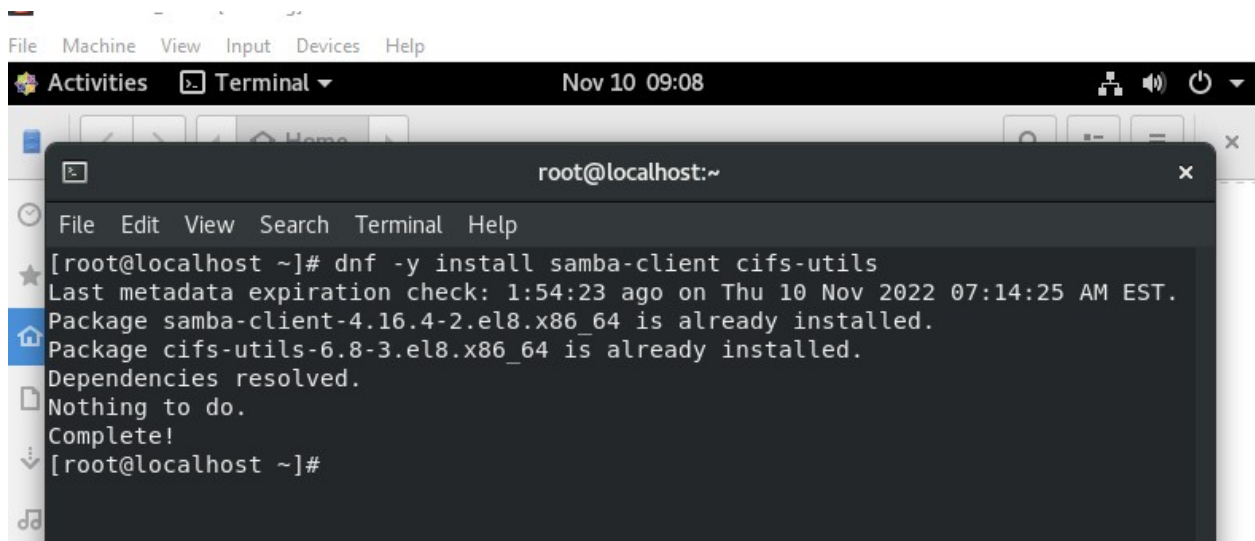
a. Using smbclient commands download a file on your system and upload a file on samba share.

SERVER:-

Server side process is above assignment done

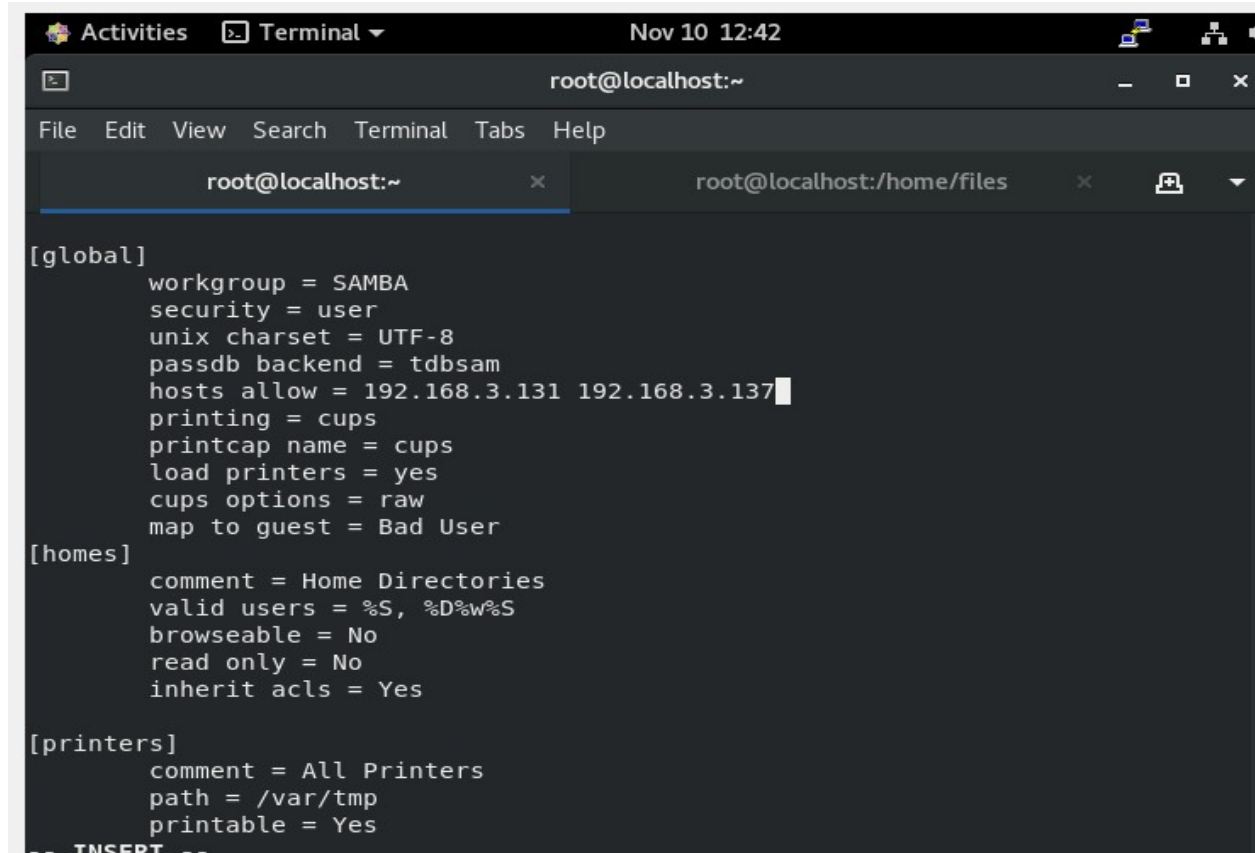
Client:-

Step-1:- Install SAMBA at client



```
File Machine View Input Devices Help
Activities Terminal Nov 10 09:08
root@localhost:~
File Edit View Search Terminal Help
[root@localhost ~]# dnf -y install samba-client cifs-utils
Last metadata expiration check: 1:54:23 ago on Thu 10 Nov 2022 07:14:25 AM EST.
Package samba-client-4.16.4-2.el8.x86_64 is already installed.
Package cifs-utils-6.8-3.el8.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@localhost ~]#
```

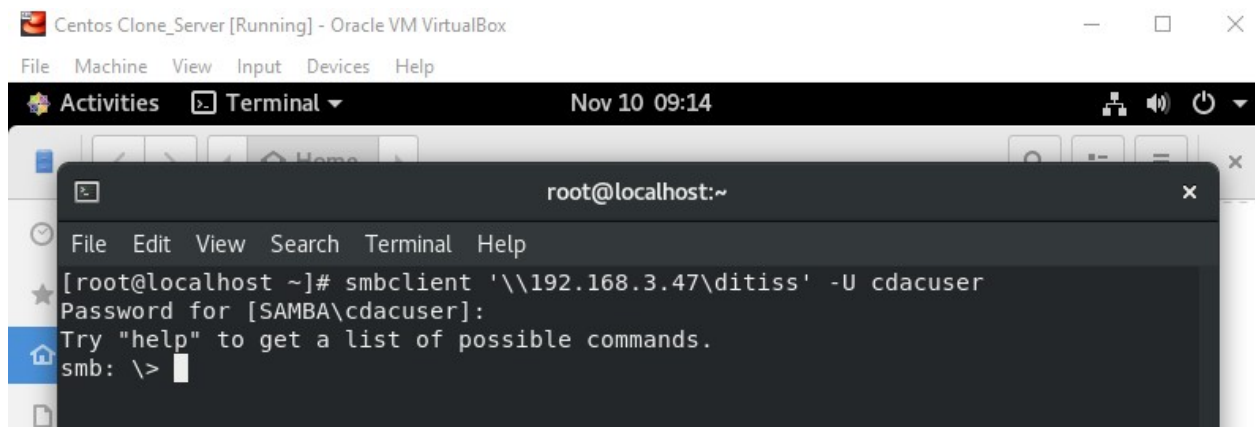
Go to server and set client ip address



```
Nov 10 12:42
root@localhost:~
File Edit View Search Terminal Tabs Help
root@localhost:~ root@localhost:/home/files
[global]
    workgroup = SAMBA
    security = user
    unix charset = UTF-8
    passdb backend = tdbsam
    hosts allow = 192.168.3.131 192.168.3.137
    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
[printers]
    comment = All Printers
    path = /var/tmp
    printable = Yes
-- INSERT --
```

Step-2:- Access SAMBA share of Linux through commands

CMD:- #smbclient '\\192.168.3.47\ditiss' -U cdacuser

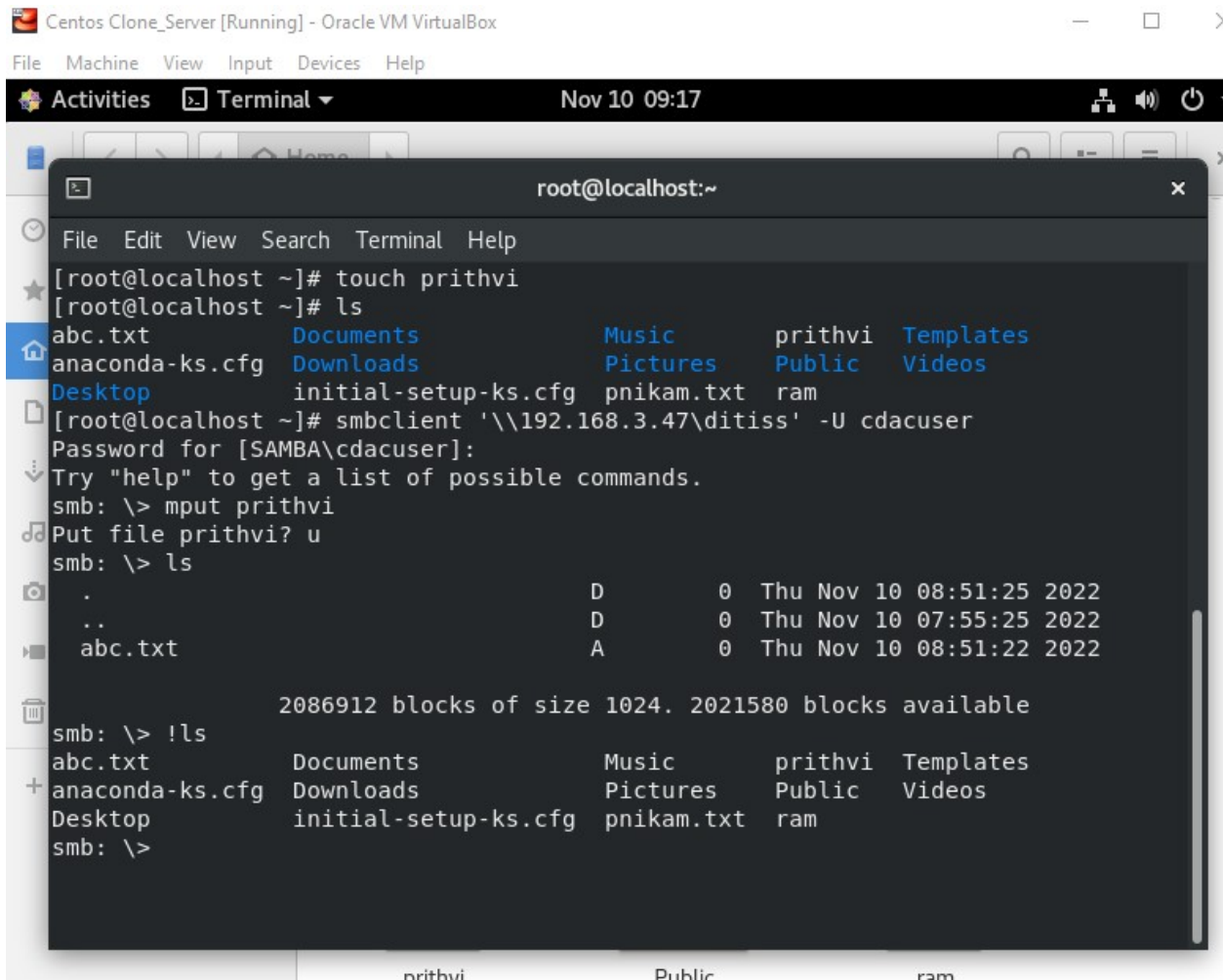


```
Centos Clone_Server [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Nov 10 09:14
root@localhost:~
File Edit View Search Terminal Help
[root@localhost ~]# smbclient '\\192.168.3.47\ditiss' -U cdacuser
Password for [SAMBA\cdacuser]:
Try "help" to get a list of possible commands.
smb: \>
```

Step-3:- put password on samba client and access the file through linux machine(server)

```
root@localhost:~  
File Edit View Search Terminal Help  
[root@localhost ~]# smbclient '\\192.168.3.47\ditiss' -U cdacuser  
Password for [SAMBA\cdacuser]:  
Try "help" to get a list of possible commands.  
smb: \> mget abc.txt  
Get file abc.txt? y  
getting file \abc.txt of size 0 as abc.txt (0.0 KiloBytes/sec) (average 0.0 Kilo  
Bytes/sec)  
smb: \> ls  
.  
..  
abc.txt  
D 0 Thu Nov 10 08:51:25 2022  
D 0 Thu Nov 10 07:55:25 2022  
A 0 Thu Nov 10 08:51:22 2022  
  
2086912 blocks of size 1024. 2021580 blocks available  
smb: \> !ls  
abc.txt Documents Music Public Videos  
anaconda-ks.cfg Downloads Pictures ram  
Desktop initial-setup-ks.cfg pnika.txt Templates  
smb: \>
```

Step -4 :- Create new file on client and upload it



The screenshot shows a terminal window titled "Centos Clone_Server [Running] - Oracle VM VirtualBox" with a menu bar (File, Machine, View, Input, Devices, Help) and a status bar (Nov 10 09:17). The terminal prompt is "root@localhost:~". The user runs the following commands:

```
[root@localhost ~]# touch prithvi
[root@localhost ~]# ls
abc.txt      Documents    Music        prithvi      Templates
anaconda-ks.cfg Downloads    Pictures     Public       Videos
Desktop      initial-setup-ks.cfg pnikam.txt  ram
[root@localhost ~]# smbclient '\\192.168.3.47\ditiss' -U cdacuser
Password for [SAMBA\cdacuser]:
Try "help" to get a list of possible commands.
smb: \> mput prithvi
Put file prithvi? u
smb: \> ls
.                D            0   Thu Nov 10 08:51:25 2022
..               D            0   Thu Nov 10 07:55:25 2022
abc.txt          A            0   Thu Nov 10 08:51:22 2022

2086912 blocks of size 1024. 2021580 blocks available
smb: \> !ls
abc.txt      Documents    Music        prithvi      Templates
anaconda-ks.cfg Downloads    Pictures     Public       Videos
Desktop      initial-setup-ks.cfg pnikam.txt  ram
smb: \>
```

The terminal output shows the successful creation of the file "prithvi" on the local host and its upload to the Samba share "\\192.168.3.47\ditiss" as the user "cdacuser". The "ls" command in the Samba shell shows the file "prithvi" has been uploaded with attributes "D" (directory) and "A" (archive), and a timestamp of "Thu Nov 10 08:51:22 2022".