

Assignments:09

Module:- COSA(SAMBA-Linux-Linux)

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Lab Assignment :-

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

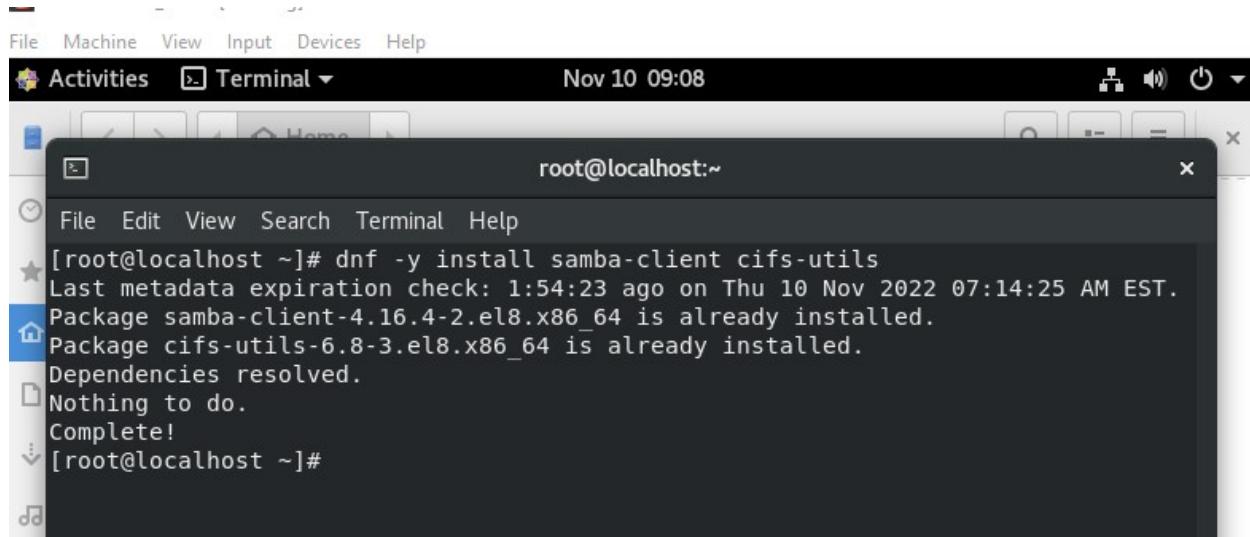
a. Using smbclient commands download a file on your system and upload a file on samba share.

SERVER:-

Server side process is above assignment done

Client:-

Step-1:- Install SAMBA at client



The screenshot shows a Linux desktop environment with a terminal window open. The terminal window title is "root@localhost:~". The terminal content shows the command `dnf -y install samba-client cifs-utils` being run, which installs the samba-client package and its dependencies. The output indicates that the package is already installed and nothing else needs to be done.

```
[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

```
[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
-- TNSERT --
```

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

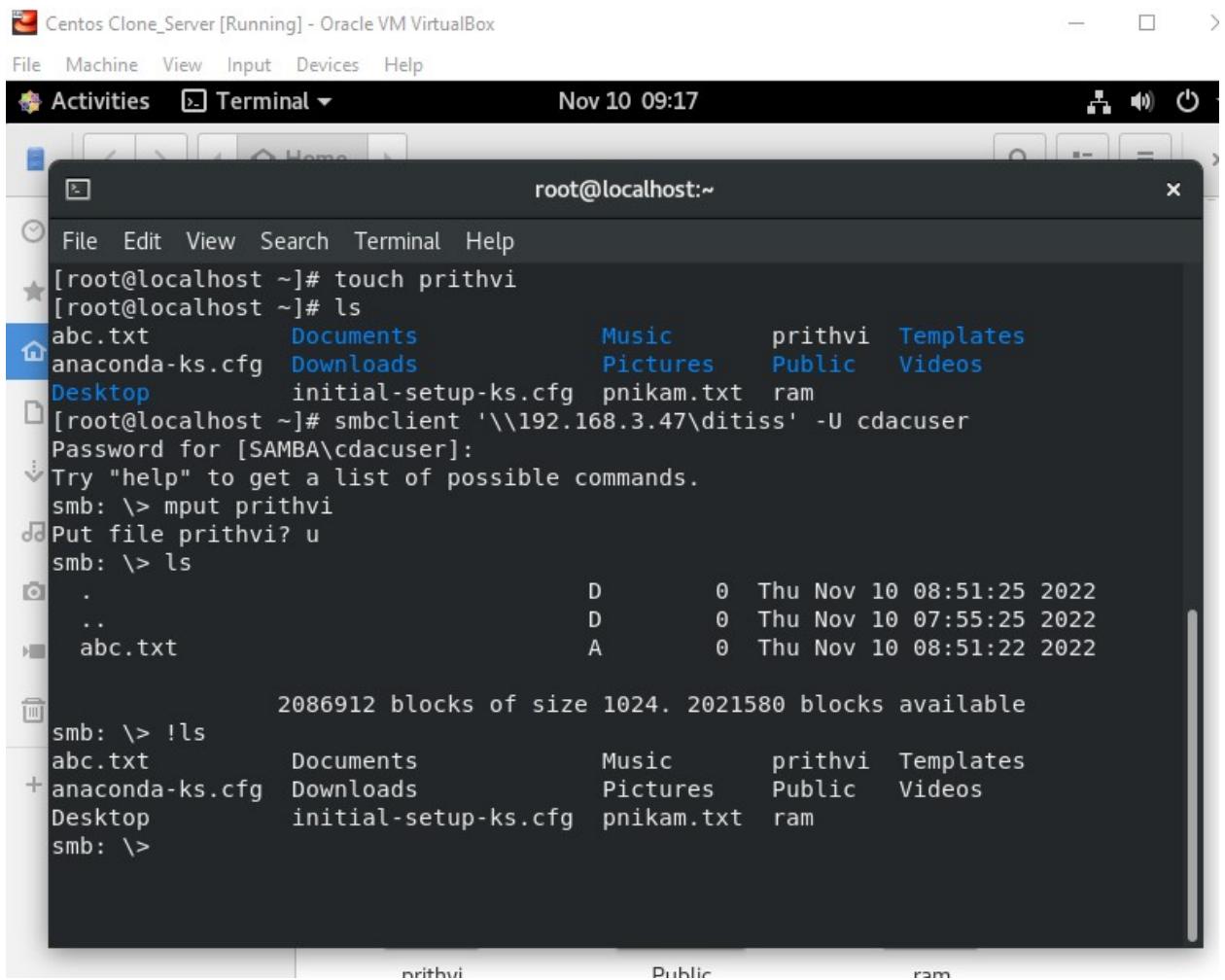
CMD:- #smbclient '\\192.168.3.47\ditiss' -U cdacuser

```
Centos Clone_Server [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal 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  
 . 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 Public Videos  
anaconda-ks.cfg Downloads Pictures ram  
Desktop initial-setup-ks.cfg pnikam.txt Templates  
smb: \>
```

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



The screenshot shows a Linux desktop environment with a terminal window open. The terminal window title is "root@localhost:~". The terminal content shows the following steps:

```
[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
.
..
abc.txt

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: \>
```