

LAPORAN PRAKTIKUM

POSTTEST 7

SISTEM OPERASI



Disusun oleh:

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**PROGRAM STUDI INFORMATIKA
UNIVERSITAS MULAWARMAN
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Pertama-tama update package terlebih dahulu

```
posttest5013@COM013:~$ sudo apt update
[sudo] password for posttest5013:
Ign:1 http://packages.linuxmint.com xia InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:4 http://packages.linuxmint.com xia Release [27,6 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:6 http://packages.linuxmint.com xia Release.gpg [833 B]
Get:7 http://packages.linuxmint.com xia/upstream amd64 Packages [48,6 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main i386 Packages [278 k
B]
```

Kemudian buat folder atau direktori yang akan di share di home dan atur permississionnya menjadi 777.

```
posttest5013@COM013:~$ chmod 777 Rusdy-013
posttest5013@COM013:~$ ls -l
total 36
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Desktop
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Documents
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Downloads
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Music
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Pictures
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Public
drwxrwxrwx 2 posttest5013 posttest5013 4096 May  9 01:35 Rusdy-013
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Templates
drwxr-xr-x 2 posttest5013 posttest5013 4096 May  9 01:31 Videos
```

Membuat file txt “dariLinux-3NIM.txt” tampilkan perubahan dengan “ls -l” . Kemudian kembali ke direktori home, ubah konfigurasi samba dengan command “sudo nano /etc/samba/smb.conf”.

```
posttest5013@COM013:~/Rusdy-013$ cd ..
posttest5013@COM013:~$ sudo nano /etc/samba/smb.conf
[sudo] password for posttest5013:
Sorry, try again.
[sudo] password for posttest5013:
posttest5013@COM013:~$
```

Pada bagian paling bawah file konfigurasi, tambahkan 5 baris terakhir seperti pada gambar (nama folder yang akan dishare, sesuaikan path dengan lokasi folder). Setelah semua selesai, restart samba dan cek statusnya.

```
# printer drivers
[print$]
    comment = Printer Drivers
    path = /var/lib/samba/printers
    browseable = yes
    read only = yes
    guest ok = no

# Uncomment to allow remote administration of Windows print drivers.
# You may need to replace 'lpadmin' with the name of the group your
# admin users are members of.
# Please note that you also need to set appropriate Unix permissions
# to the drivers directory for these users to have write rights in it
; write list = root, @lpadmin

[Rusdy-013]
comment = Samba on Ubuntu
path = /home/posttest5013/Rusdy-013
read only = no
browseable = yes
```

^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location
 ^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^_ Go To Line

```
posttest5013@COM013:~$ systemctl restart smb
posttest5013@COM013:~$ systemctl status smbd
● smbd.service - Samba SMB Daemon
   Loaded: loaded (/usr/lib/systemd/system/smbd.service; enabled; preset: enab
   Active: active (running) since Fri 2025-05-09 01:40:11 WITA; 20s ago
     Docs: man:smbd(8)
           man:samba(7)
           man:smb.conf(5)
   Process: 3032 ExecCondition=/usr/share/samba/is-configured smb (code=exited
 Main PID: 3035 (smbd)
    Status: "smbd: ready to serve connections..."
     Tasks: 3 (limit: 7447)
    Memory: 7.6M (peak: 8.3M)
       CPU: 244ms
    CGroup: /system.slice/smbd.service
            └─3035 /usr/sbin/smbd --foreground --no-process-group
              └─3039 "smbd: notifyd" .
                └─3040 "smbd: cleanupd "
```

```
May 09 01:40:11 COM013 systemd[1]: Starting smbd.service - Samba SMB Daemon...
May 09 01:40:11 COM013 (smbd)[3035]: smbd.service: Referenced but unset environ
May 09 01:40:11 COM013 systemd[1]: Started smbd.service - Samba SMB Daemon.
lines 1-20/20 (END) -- skipping...
● smbd.service - Samba SMB Daemon
   Loaded: loaded (/usr/lib/systemd/system/smbd.service; enabled; preset: enab
   Active: active (running) since Fri 2025-05-09 01:40:11 WITA; 20s ago
     Docs: man:smbd(8)
           man:samba(7)
           man:smb.conf(5)
   Process: 3032 ExecCondition=/usr/share/samba/is-configured smb (code=exited, status=0/SUCCESS)
 Main PID: 3035 (smbd)
    Status: "smbd: ready to serve connections..."
     Tasks: 3 (limit: 7447)
    Memory: 7.6M (peak: 8.3M)
       CPU: 244ms
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```

```
May 09 01:40:11 COM013 systemd[1]: Starting smbd.service - Samba SMB Daemon...
May 09 01:40:11 COM013 (smbd)[3035]: smbd.service: Referenced but unset environ
May 09 01:40:11 COM013 systemd[1]: Started smbd.service - Samba SMB Daemon.
```

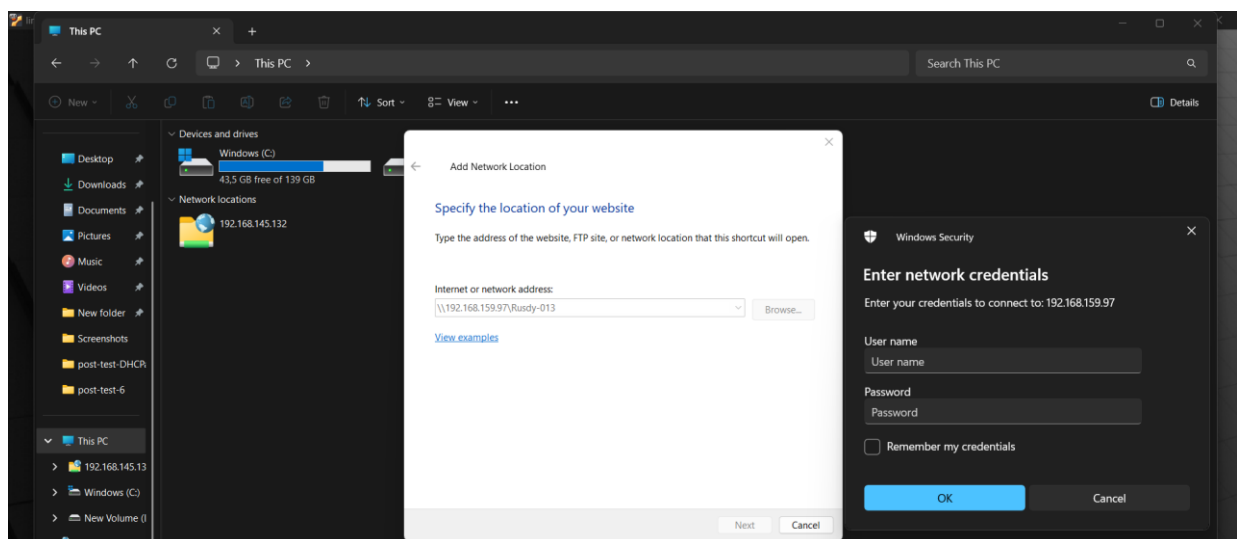
Membuat password samba dikarenakan samba tidak memiliki password akun sendiri.

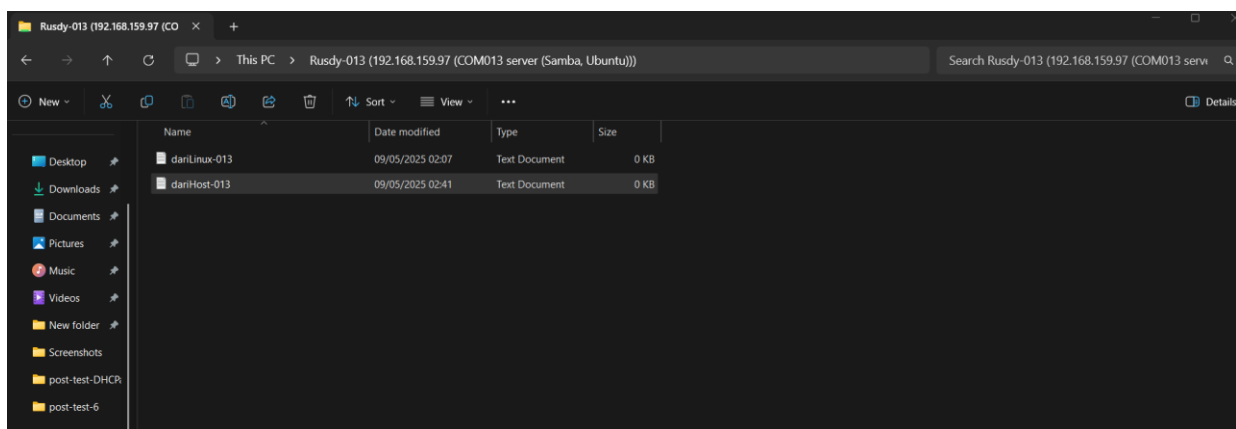
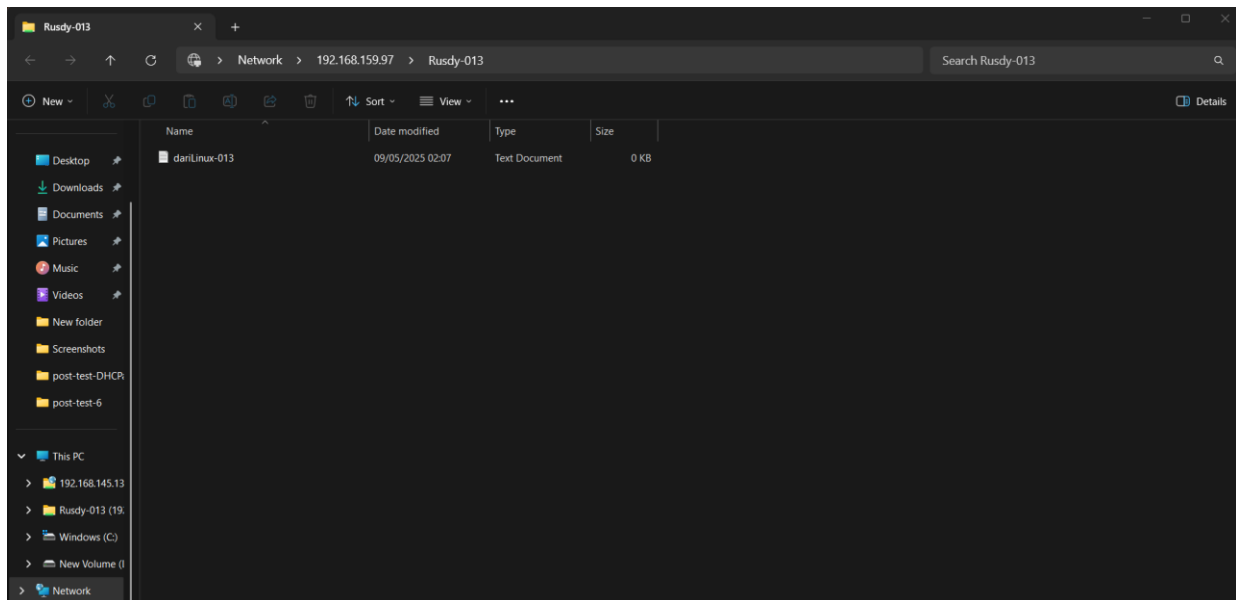
```
posttest5013@COM013:~$ sudo smbpasswd -a posttest5013
New SMB password:
Retype new SMB password:
Added user posttest5013.
posttest5013@COM013:~$
```

Mengizinkan samba melalui firewall dan melihat ip.

```
posttest5013@COM013:~$ sudo ufw allow samba
Rules updated
Rules updated (v6)
posttest5013@COM013:~$ hostname -I
10.0.2.15 fd00::5a29:4878:42d2:2b69 fd00::f0aa:4773:ceaf:39f7
posttest5013@COM013:~$
```

Membuka folder sharing dan masukkan alamat ip dan folder yang sudah kita buat. Setelah memasukkan username dan password, kita dapat masuk ke dalam folder sharingnya. Kemudian buat file txt dari windows.





Lalu setelah selesai, cek apakah bisa masuk ke linux.

```
posttest5013@COM013:~$ cd Rusdy-013
posttest5013@COM013:~/Rusdy-013$ ls -l
total 0
-rwxr--r-- 1 posttest5013 posttest5013 0 May  9 02:41 dariHost-013.txt
-rw-rw-r-- 1 posttest5013 posttest5013 0 May  9 02:07 dariLinux-013.txt
posttest5013@COM013:~/Rusdy-013$
```