Assignment 3 - Configuring NIC

Linux System Administration

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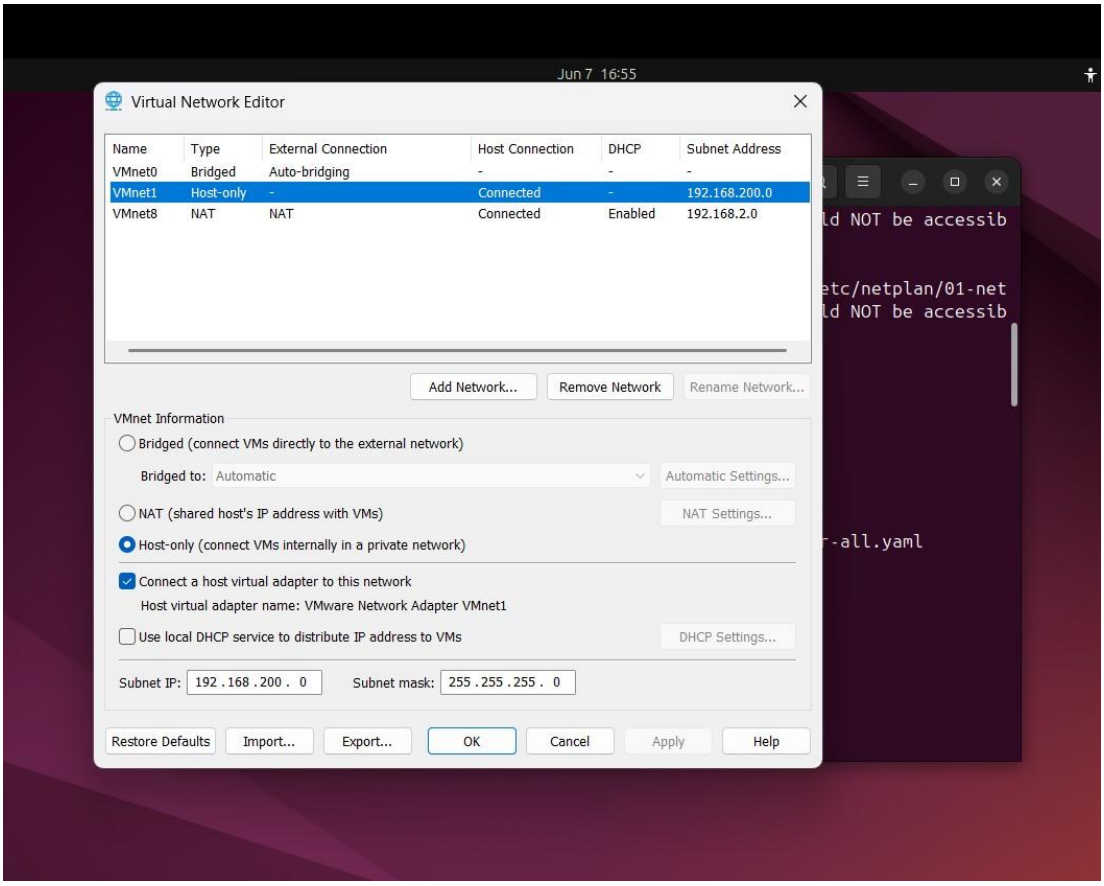
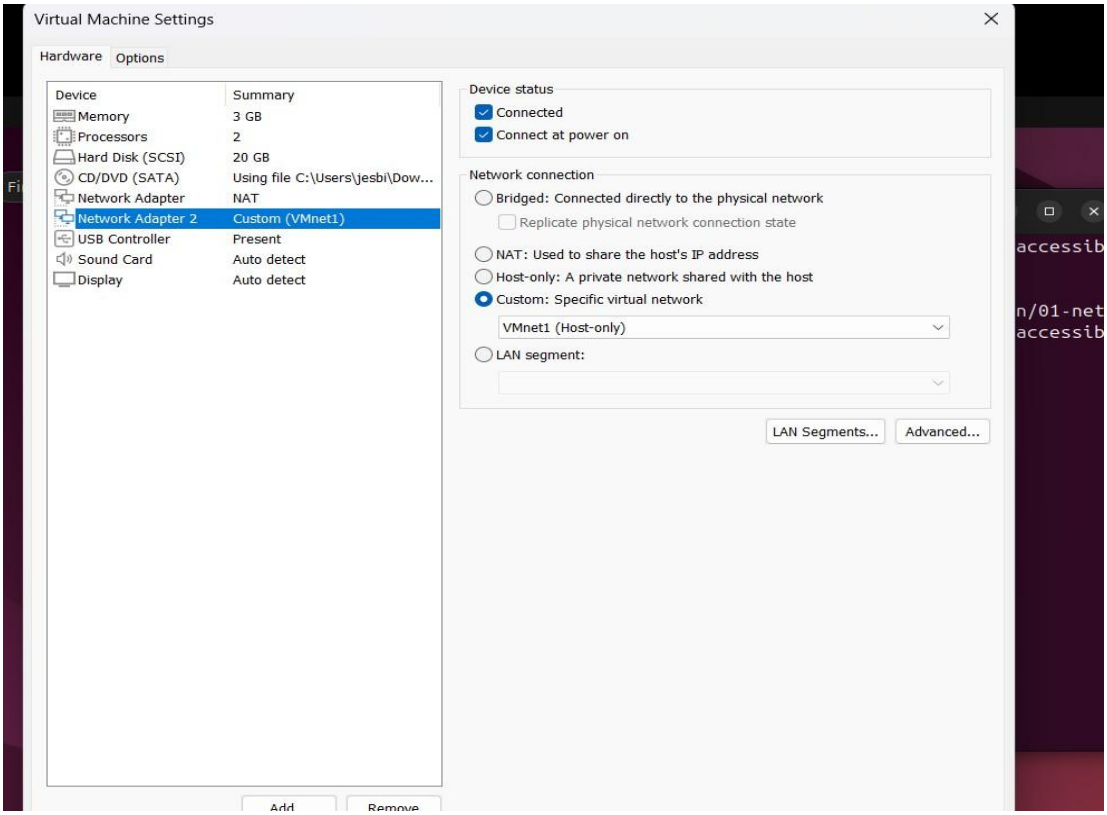
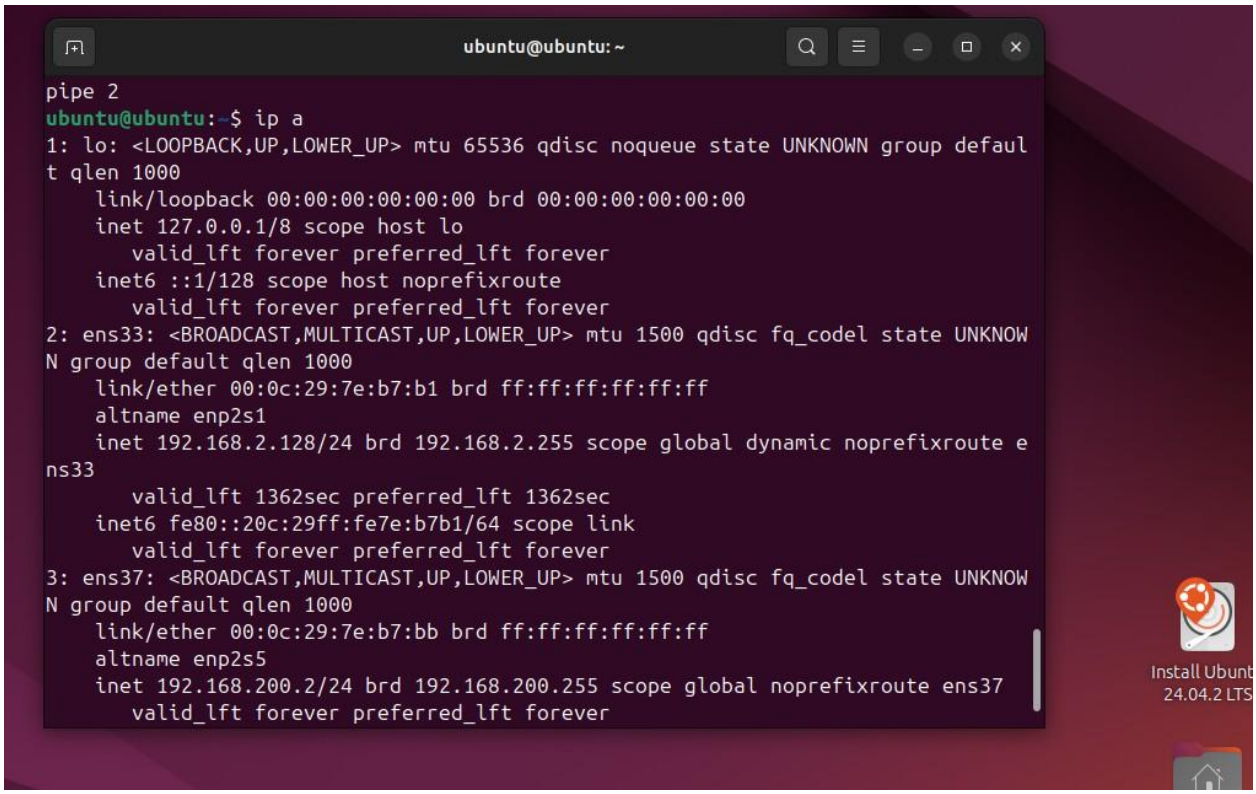
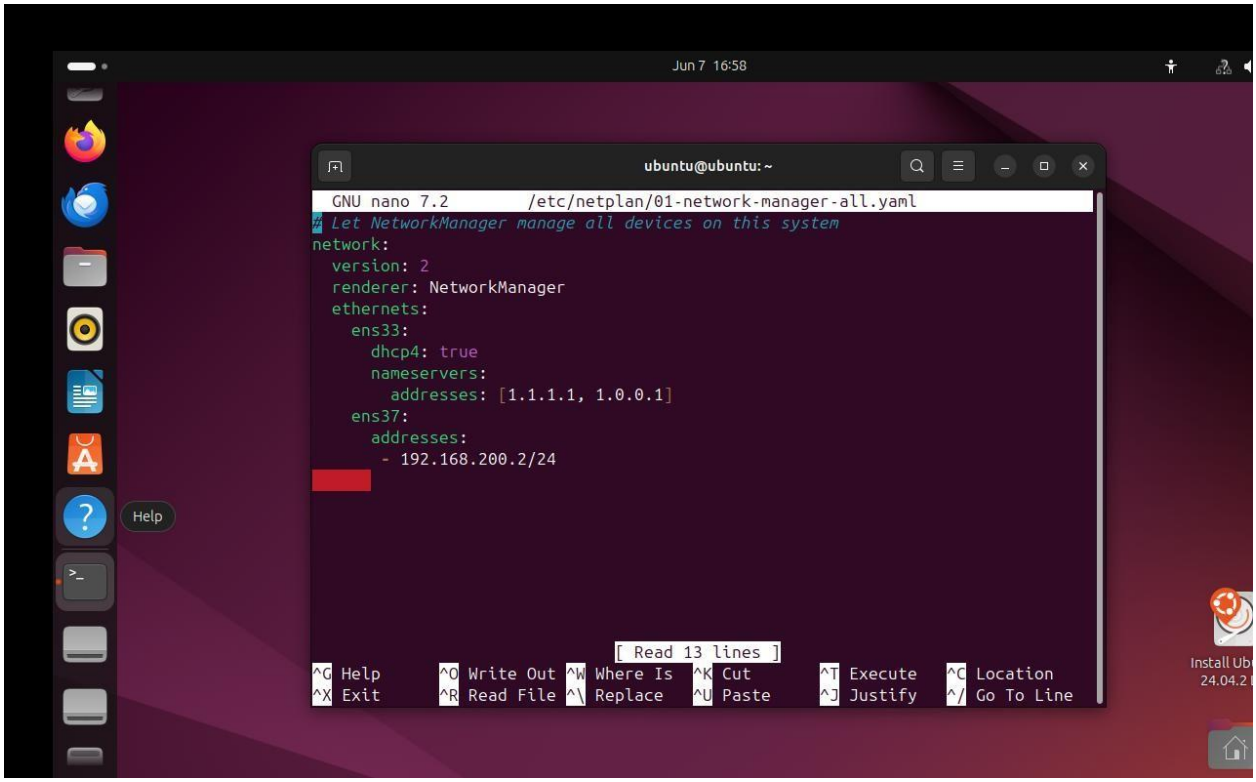

Jun 7 16:55
Virtual Network Editor
Name Type External Connection Host Connection DHCP Subnet Address
VMnet0 Bridged Auto-bridging - - -
VMnet1 Host-only - Connected - 192.168.200.0
VMnet8 NAT NAT Connected Enabled 192.168.2.0
Add Network... Remove Network Rename Network...
VMnet Information
Bridged (connect VMs directly to the external network)
Bridged to: Automatic
Automatic Settings...
NAT (shared host's IP address with VMs)
NAT Settings...
Host-only (connect VMs internally in a private network)
Connect a host virtual adapter to this network
Host virtual adapter name: VMware Network Adapter VMnet1
Use local DHCP service to distribute IP address to VMs
DHCP Settings...
Subnet IP: 192 . 168 . 200 . 0
Subnet mask: 255 . 255 . 255 . 0
Restore Defaults Import... Export... OK Cancel Apply Help
ld NOT be accessib
etc/netplan/01-net
ld NOT be accessib
-all.yaml


Virtual Machine Settings
Hardware Options
Device Summary
Memory 3 GB
Processors 2
Hard Disk (SCSI) 20 GB
CD/DVD (SATA) Using file C:\Users\jesbi\Dow...
Network Adapter NAT
Network Adapter 2 Custom (VMnet1)
USB Controller Present
Sound Card Auto detect
Display Auto detect
Add Remove
Device status
Connected
Connect at power on
Network connection
Bridged: Connected directly to the physical network
Replicate physical network connection state
NAT: Used to share the host's IP address
Host-only: A private network shared with the host
Custom: Specific virtual network
VMnet1 (Host-only)
LAN segment:
LAN Segments... Advanced...
accessib
n/01-net
accessib



netplanConfig.yaml.txt



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\jesbi\OneDrive\Desktop> ping 192.168.200.2

Pinging 192.168.200.2 with 32 bytes of data:
Reply from 192.168.200.2: bytes=32 time=1ms TTL=64
Reply from 192.168.200.2: bytes=32 time<1ms TTL=64
Reply from 192.168.200.2: bytes=32 time<1ms TTL=64
Reply from 192.168.200.2: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.200.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms
PS C:\Users\jesbi\OneDrive\Desktop>
```
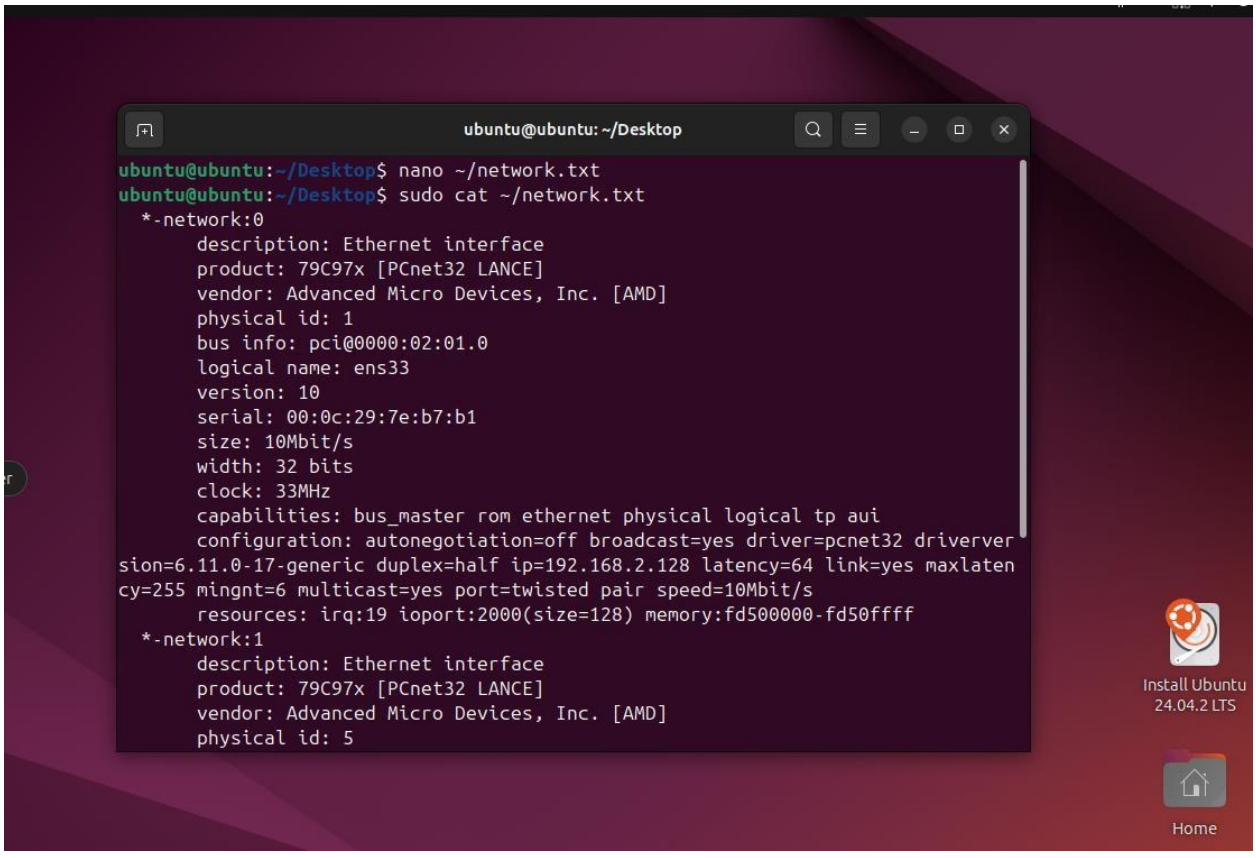
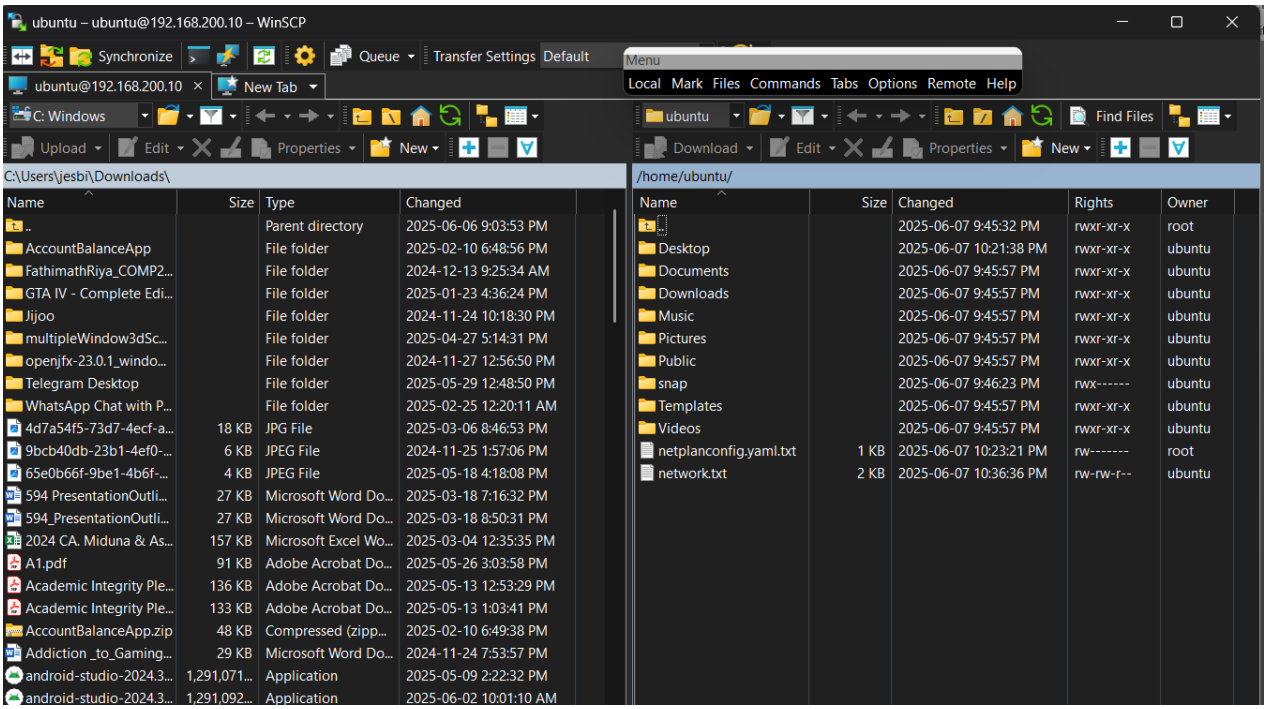

Network.txt



WinSCP


ubuntu – ubuntu@192.168.200.10 – WinSCP
Synchronize
Queue
Transfer Settings Default
Menu
Local Mark Files Commands Tabs Options Remote Help
ubuntu@192.168.200.10
New Tab
C: Windows
Upload
Edit
Properties
New
ubuntu
Find Files
Download
Edit
Properties
New
C:\Users\jesbi\Downloads\
/home/ubuntu/
Name Size Type Changed
.. Parent directory 2025-06-06 9:03:53 PM
AccountBalanceApp File folder 2025-02-10 6:48:56 PM
FathimathRiya_COMP2... File folder 2024-12-13 9:25:34 AM
GTA IV - Complete Edi... File folder 2025-01-23 4:36:24 PM
Jijoo File folder 2024-11-24 10:18:30 PM
multipleWindow3dSc... File folder 2025-04-27 5:14:31 PM
openjfx-23.0.1_windo... File folder 2024-11-27 12:56:50 PM
Telegram Desktop File folder 2025-05-29 12:48:50 PM
WhatsApp Chat with P... File folder 2025-02-25 12:20:11 AM
4d7a54f5-73d7-4ecf-a... 18 KB JPG File 2025-03-06 8:46:53 PM
9bcb40db-23b1-4ef0-... 6 KB JPEG File 2024-11-25 1:57:06 PM
65e0b66f-9be1-4b6f-... 4 KB JPEG File 2025-05-18 4:18:08 PM
594 PresentationOutli... 27 KB Microsoft Word Do... 2025-03-18 7:16:32 PM
594_PresentationOutli... 27 KB Microsoft Word Do... 2025-03-18 8:50:31 PM
2024 CA. Miduna & As... 157 KB Microsoft Excel Wo... 2025-03-04 12:35:35 PM
A1.pdf 91 KB Adobe Acrobat Do... 2025-05-26 3:03:58 PM
Academic Integrity Ple... 136 KB Adobe Acrobat Do... 2025-05-13 12:53:29 PM
Academic Integrity Ple... 133 KB Adobe Acrobat Do... 2025-05-13 1:03:41 PM
AccountBalanceApp.zip 48 KB Compressed (zipp... 2025-02-10 6:49:38 PM
Addiction _to_Gaming... 29 KB Microsoft Word Do... 2024-11-24 7:53:57 PM
android-studio-2024.3... 1,291,071... Application 2025-05-09 2:22:32 PM
android-studio-2024.3... 1,291,092... Application 2025-06-02 10:01:10 AM
Name Size Changed Rights Owner
.. 2025-06-07 9:45:32 PM rwxr-xr-x root
Desktop 2025-06-07 10:21:38 PM rwxr-xr-x ubuntu
Documents 2025-06-07 9:45:57 PM rwxr-xr-x ubuntu
Downloads 2025-06-07 9:45:57 PM rwxr-xr-x ubuntu
Music 2025-06-07 9:45:57 PM rwxr-xr-x ubuntu
Pictures 2025-06-07 9:45:57 PM rwxr-xr-x ubuntu
Public 2025-06-07 9:45:57 PM rwxr-xr-x ubuntu
snap 2025-06-07 9:46:23 PM rwx------ ubuntu
Templates 2025-06-07 9:45:57 PM rwxr-xr-x ubuntu
Videos 2025-06-07 9:45:57 PM rwxr-xr-x ubuntu
netplanconfig.yaml.txt 1 KB 2025-06-07 10:23:21 PM rw------- root
network.txt 2 KB 2025-06-07 10:36:36 PM rw-rw-r-- ubuntu