ub1 - Settings ✕

Basic | Expert

🖥 General
🔲 System
🖥 Display
💽 Storage
🔊 Audio
🗗 **Network**
🖊 Serial Ports
🖊 USB
📁 Shared Folders
🖼 User Interface

Network

Adapter **1** | Adapter **2** | Adapter **3** | Adapter **4**

☑ *Enable Network Adapter*

Attached to | Host-only Adapter ▾

Name | vboxnet0 ▾

Adapter Type | *Intel PRO/1000 MT Desktop (82540EM)* ▾

Promiscuous Mode | Deny ▾

MAC Address | *080027100904* 🔄

☑ Virtual Cable Connected

Serial Ports

Port **1** | Port **2** | Port **3** | Port **4**

☐ *Enable Serial Port*

Port Number | *COM1* ▾ | *IRQ* | *4* | *I/O Port* | *0x3F8*

Port Mode | *Disconnected* ▾

☑ *Connect to existing pipe/socket*

🔧 Help | 🔴 Cancel | ⬑OK

Shared folders

ub2 - Settings

Basic | Expert

- General
- System
- Display
- Storage
- Audio
- **Network**
- Serial Ports
- USB
- Shared Folders
- User Interface

Network

Adapter 1 | Adapter 2 | Adapter 3 | Adapter 4

☑ Enable Network Adapter

Attached to | Bridged Adapter ▼

Name | wlp2s0 ▼

Adapter Type | Intel PRO/1000 MT Desktop (82540EM) ▼

Promiscuous Mode | Deny ▼

MAC Address | 080027B6CBB6

☑ Virtual Cable Connected

Serial Ports

Port 1 | Port 2 | Port 3 | Port 4

☐ Enable Serial Port

Port Number | COM1 ▼ IRQ | 4 I/O Port | 0x3F8

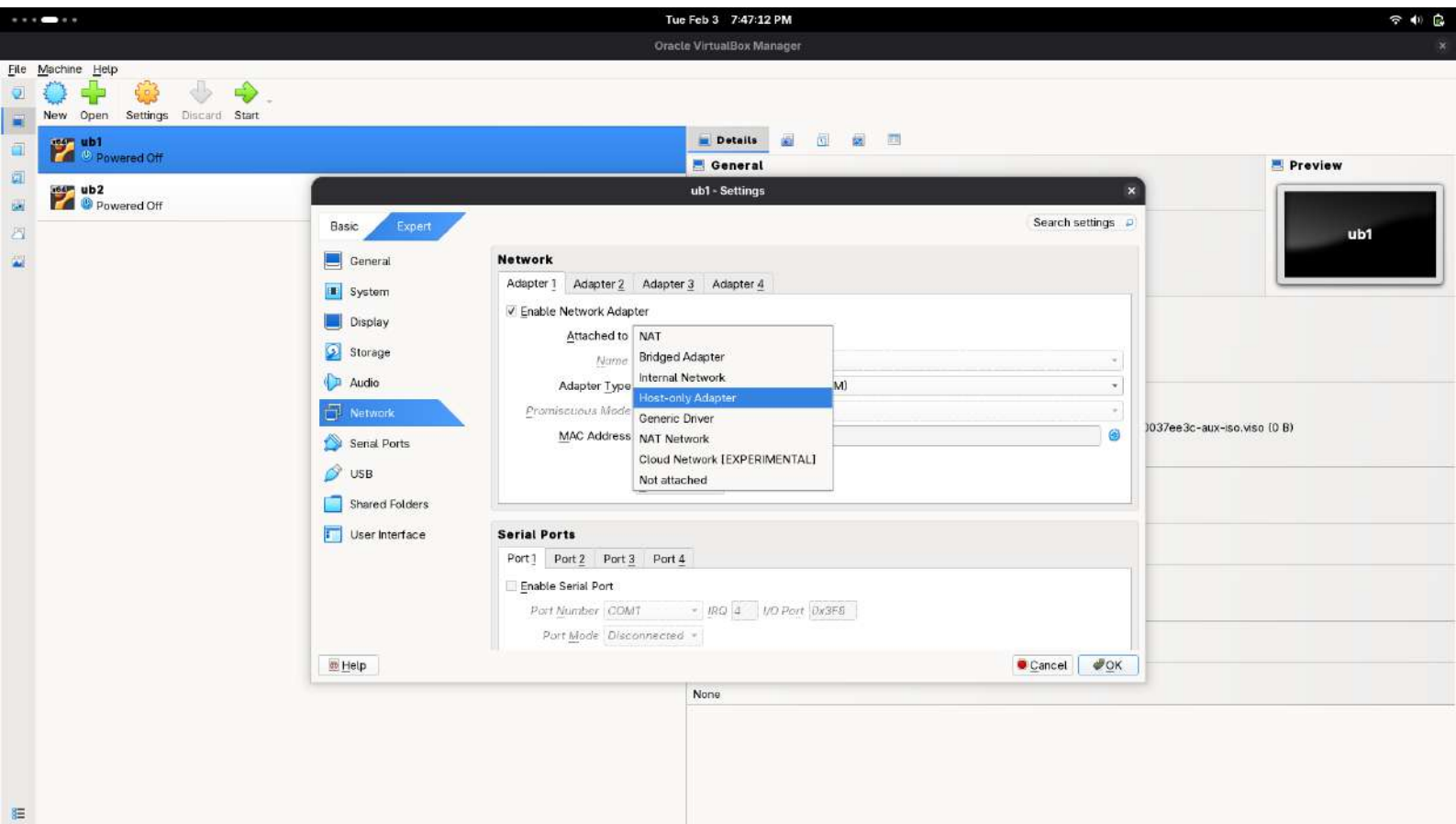Port Mode | Disconnected ▼

☑ Connect to existing pipe/socket

Help | ● Cancel | ✔ OK

None

💬 **Description**

None

Oracle VirtualBox Manager   ×

File   Machine   Help

New   Open   Settings   Discard   Start

📷 ub1
⏻ Powered Off   🖥 Details   🖫   🖫   🖫   🖫

📷 ub2   🖥 General
⏻ Powered Off

                                                                                                🖥 Preview
                        ub1 - Settings   ×

Basic   Expert   🔍 Search settings ⌕   ub1

📖 General   **Network**

🖥 System   Adapter 1   Adapter 2   Adapter 3   Adapter 4

🖥 Display   ☑ Enable Network Adapter

💾 Storage   Attached to   NAT
                                           Bridged Adapter
🔊 Audio   Name   Internal Network   ▾
                                           Host-only Adapter
🖧 Network   Adapter Type   Generic Driver   M]   ▾
                                           NAT Network
🖊 Serial Ports   Promiscuous Mode   Cloud Network [EXPERIMENTAL]   ▾   0037ee3c-aux-iso.viso (0 B)
                                           Not attached
🖊 USB   MAC Address   ⟳

📁 Shared Folders

🖼 User Interface   **Serial Ports**

                   Port 1   Port 2   Port 3   Port 4

                   ☐ Enable Serial Port

                   Port Number COM1 ▾   IRQ 4   I/O Port 0x3F8

                   Port Mode Disconnected ▾

📖 Help   🔴 Cancel   ✅ OK

                                            None

```
64 bytes from 192.168.56.102: icmp_seq=36 ttl=64 time=1.37 ms
64 bytes from 192.168.56.102: icmp_seq=37 ttl=64 time=1.33 ms
64 bytes from 192.168.56.102: icmp_seq=38 ttl=64 time=0.914 ms
64 bytes from 192.168.56.102: icmp_seq=39 ttl=64 time=1.28 ms
64 bytes from 192.168.56.102: icmp_seq=40 ttl=64 time=0.941 ms
^C
--- 192.168.56.102 ping statistics ---
40 packets transmitted, 40 received, 0% packet loss, time 39940ms
rtt min/avg/max/mdev = 0.576/1.251/1.897/0.290 ms
u1@ub1:~$ sudo apt update
sudo apt install apache2 -y
[sudo] password for u1:
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Hit:2 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Get:3 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:4 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:5 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [3,196 kB]
Get:6 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1,252 kB]
Fetched 4,832 kB in 9s (557 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
65 packages can be upgraded. Run 'apt list --upgradable' to see them.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.52-1ubuntu4.18).
0 upgraded, 0 newly installed, 0 to remove and 65 not upgraded.
u1@ub1:~$ sudo systemctl start apache2
sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
     Active: active (running) since Tue 2026-02-03 16:08:28 UTC; 25min ago
       Docs: https://httpd.apache.org/docs/2.4/
    Process: 631 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 814 (apache2)
      Tasks: 55 (limit: 2220)
     Memory: 7.9M
        CPU: 170ms
     CGroup: /system.slice/apache2.service
             ├─814 /usr/sbin/apache2 -k start
             ├─846 /usr/sbin/apache2 -k start
             └─847 /usr/sbin/apache2 -k start

Feb 03 16:08:27 ub1 systemd[1]: Starting The Apache HTTP Server...
Feb 03 16:08:28 ub1 apachectl[696]: AH00558: apache2: Could not reliably determine the server's fully qua
Feb 03 16:08:28 ub1 systemd[1]: Started The Apache HTTP Server.
lines 1-17/17 (END)
u1@ub1:~$
```

```
64 bytes from 192.168.56.103: icmp_seq=18 ttl=64 time=1.06 ms
64 bytes from 192.168.56.103: icmp_seq=19 ttl=64 time=1.41 ms
64 bytes from 192.168.56.103: icmp_seq=20 ttl=64 time=0.947 ms
64 bytes from 192.168.56.103: icmp_seq=21 ttl=64 time=0.603 ms
64 bytes from 192.168.56.103: icmp_seq=22 ttl=64 time=0.367 ms
64 bytes from 192.168.56.103: icmp_seq=23 ttl=64 time=0.619 ms
64 bytes from 192.168.56.103: icmp_seq=24 ttl=64 time=1.28 ms
64 bytes from 192.168.56.103: icmp_seq=25 ttl=64 time=0.840 ms
64 bytes from 192.168.56.103: icmp_seq=26 ttl=64 time=1.16 ms
64 bytes from 192.168.56.103: icmp_seq=27 ttl=64 time=1.16 ms
64 bytes from 192.168.56.103: icmp_seq=28 ttl=64 time=1.37 ms
64 bytes from 192.168.56.103: icmp_seq=29 ttl=64 time=0.506 ms
64 bytes from 192.168.56.103: icmp_seq=30 ttl=64 time=0.532 ms
64 bytes from 192.168.56.103: icmp_seq=31 ttl=64 time=0.585 ms
64 bytes from 192.168.56.103: icmp_seq=32 ttl=64 time=1.38 ms
64 bytes from 192.168.56.103: icmp_seq=33 ttl=64 time=0.953 ms
64 bytes from 192.168.56.103: icmp_seq=34 ttl=64 time=0.653 ms
64 bytes from 192.168.56.103: icmp_seq=35 ttl=64 time=1.08 ms
64 bytes from 192.168.56.103: icmp_seq=36 ttl=64 time=0.511 ms
64 bytes from 192.168.56.103: icmp_seq=37 ttl=64 time=0.915 ms
64 bytes from 192.168.56.103: icmp_seq=38 ttl=64 time=1.84 ms
64 bytes from 192.168.56.103: icmp_seq=39 ttl=64 time=0.647 ms
64 bytes from 192.168.56.103: icmp_seq=40 ttl=64 time=0.423 ms
64 bytes from 192.168.56.103: icmp_seq=41 ttl=64 time=0.976 ms
64 bytes from 192.168.56.103: icmp_seq=42 ttl=64 time=1.18 ms
64 bytes from 192.168.56.103: icmp_seq=43 ttl=64 time=1.07 ms
64 bytes from 192.168.56.103: icmp_seq=44 ttl=64 time=1.03 ms
64 bytes from 192.168.56.103: icmp_seq=45 ttl=64 time=0.903 ms
64 bytes from 192.168.56.103: icmp_seq=46 ttl=64 time=0.802 ms
64 bytes from 192.168.56.103: icmp_seq=47 ttl=64 time=1.06 ms
64 bytes from 192.168.56.103: icmp_seq=48 ttl=64 time=0.577 ms
64 bytes from 192.168.56.103: icmp_seq=49 ttl=64 time=0.777 ms
64 bytes from 192.168.56.103: icmp_seq=50 ttl=64 time=0.478 ms
64 bytes from 192.168.56.103: icmp_seq=51 ttl=64 time=0.647 ms
64 bytes from 192.168.56.103: icmp_seq=52 ttl=64 time=1.29 ms
64 bytes from 192.168.56.103: icmp_seq=53 ttl=64 time=1.57 ms
64 bytes from 192.168.56.103: icmp_seq=54 ttl=64 time=1.25 ms
64 bytes from 192.168.56.103: icmp_seq=55 ttl=64 time=1.01 ms
64 bytes from 192.168.56.103: icmp_seq=56 ttl=64 time=1.33 ms
64 bytes from 192.168.56.103: icmp_seq=57 ttl=64 time=1.76 ms
64 bytes from 192.168.56.103: icmp_seq=58 ttl=64 time=0.967 ms
64 bytes from 192.168.56.103: icmp_seq=59 ttl=64 time=1.03 ms
64 bytes from 192.168.56.103: icmp_seq=60 ttl=64 time=1.22 ms
64 bytes from 192.168.56.103: icmp_seq=61 ttl=64 time=0.920 ms
^C
--- 192.168.56.103 ping statistics ---
61 packets transmitted, 61 received, 0% packet loss, time 60460ms
rtt min/avg/max/mdev = 0.357/0.974/1.836/0.374 ms
b2@ub2:~$
```