

Gerkeil Owens

CYSE270-Lab 11

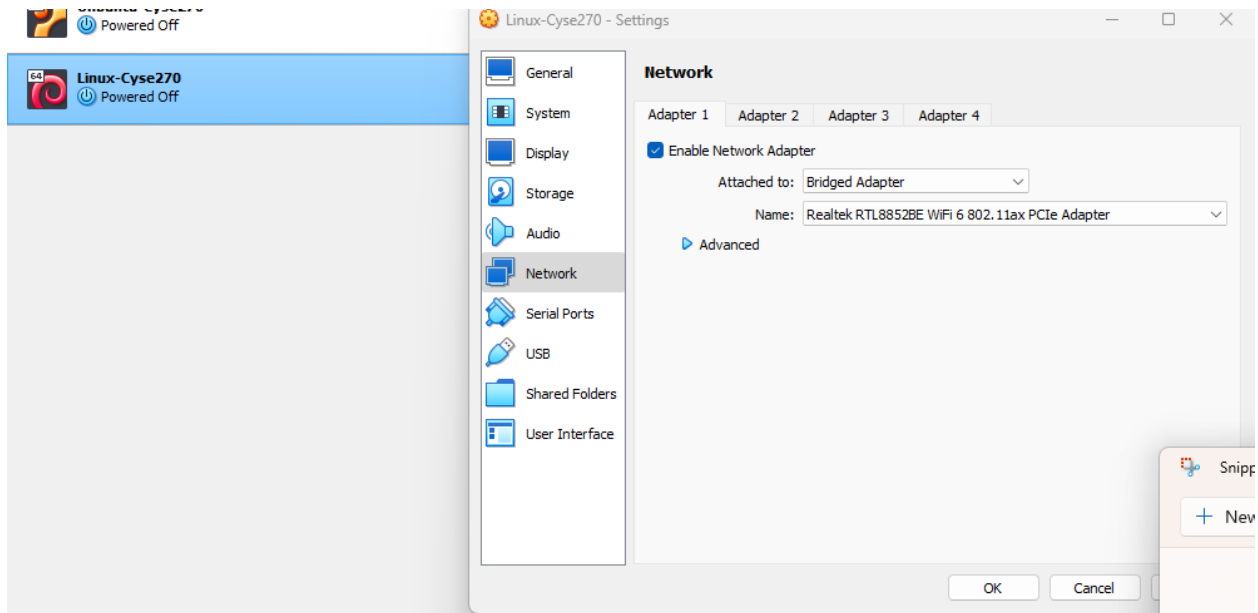
Task A:

```
keil@kali: ~  
File Actions Edit View Help  
  
(keil@kali)-[~]  
└─$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255  
    inet6 fe80::a00:27ff:fe68:71bd prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:68:71:bd txqueuelen 1000 (Ethernet)  
    RX packets 19 bytes 2887 (2.8 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 88 bytes 8758 (8.5 KiB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
    inet 127.0.0.1 netmask 255.0.0.0  
    inet6 ::1 prefixlen 128 scopeid 0x10<host>  
    loop txqueuelen 1000 (Local Loopback)  
    RX packets 4 bytes 240 (240.0 B)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 4 bytes 240 (240.0 B)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
(keil@kali)-[~]  
└─$ route -n  
Kernel IP routing table  
Destination      Gateway          Genmask         Flags Metric Ref    Use Iface  
0.0.0.0          10.0.2.2        0.0.0.0         UG    100    0      0 eth0
```

```
keil@kali: ~  
File Actions Edit View Help  
0.0.0.0          10.0.2.2        0.0.0.0         UG    100    0      0 eth0  
10.0.2.0        0.0.0.0         255.255.255.0  U    100    0      0 eth0  
  
(keil@kali)-[~]  
└─$ netstat -atn  
Active Internet connections (servers and established)  
Proto Recv-Q Send-Q Local Address           Foreign Address         State  
  
(keil@kali)-[~]  
└─$ ping -c 10 unbuntu.com  
PING unbuntu.com (185.125.188.126) 56(84) bytes of data.  
  
— unbuntu.com ping statistics —  
10 packets transmitted, 0 received, 100% packet loss, time 9325ms  
  
(keil@kali)-[~]  
└─$ host www.odu.edu  
www.odu.edu has address 35.170.140.174  
  
(keil@kali)-[~]  
└─$ cat /etc/hostname  
kali  
  
(keil@kali)-[~]  
└─$ cat /etc/resolv.conf
```

```
keil@kali: ~  
File Actions Edit View Help  
10 packets transmitted, 0 received, 100% packet loss, time 9325ms  
  
(keil@kali)-[~]  
└─$ host www.odu.edu  
www.odu.edu has address 35.170.140.174  
  
(keil@kali)-[~]  
└─$ cat /etc/hostname  
kali  
  
(keil@kali)-[~]  
└─$ cat /etc/resolv.conf  
# Generated by NetworkManager  
nameserver 173.44.120.56  
nameserver 173.44.120.57  
  
(keil@kali)-[~]  
└─$ sudo nano /etc/hostname  
[sudo] password for keil:  
  
(keil@kali)-[~]  
└─$ cat /etc/hostname  
gowen003  
  
(keil@kali)-[~]  
└─$
```

Task B:



```
keil@gowen003: ~  
File Actions Edit View Help  
keil@gowen003)-[~]  
$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 192.168.0.64 netmask 255.255.255.0 broadcast 192.168.0.255  
    inet6 fe80::a00:27ff:fe68:71bd prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:68:71:bd txqueuelen 1000 (Ethernet)  
    RX packets 16 bytes 6560 (6.4 KiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 30 bytes 7092 (6.9 KiB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
    inet 127.0.0.1 netmask 255.0.0.0  
    inet6 ::1 prefixlen 128 scopeid 0x10<host>  
    loop txqueuelen 1000 (Local Loopback)  
    RX packets 4 bytes 240 (240.0 B)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 4 bytes 240 (240.0 B)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
keil@gowen003)-[~]  
$ route -n  
Kernel IP routing table  
Destination      Gateway         Genmask        Flags Metric Ref    Use Iface  
0.0.0.0          192.168.0.1    0.0.0.0        UG    100    0      0 eth0  
192.168.0.0      0.0.0.0        255.255.255.0  U     100    0      0 eth0
```

```
keil@gowen003: ~
File Actions Edit View Help
(keil@gowen003)-[~]
$ netstat -atn
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address           Foreign Address         State

(keil@gowen003)-[~]
$ ping -c 10 ubuntu.com
PING ubuntu.com (185.125.188.232) 56(84) bytes of data.

— ubuntu.com ping statistics —
10 packets transmitted, 0 received, 100% packet loss, time 9296ms

(keil@gowen003)-[~]
$ host www.odu.edu
www.odu.edu has address 35.170.140.174

(keil@gowen003)-[~]
$ cat /etc/hostname
gowen003

(keil@gowen003)-[~]
$ cat /etc/resolv.conf
# Generated by NetworkManager
nameserver 173.44.120.56
nameserver 173.44.120.57
```

The differences:

- 1.The route -n numbers were different
- 2.etc/hostname was different.