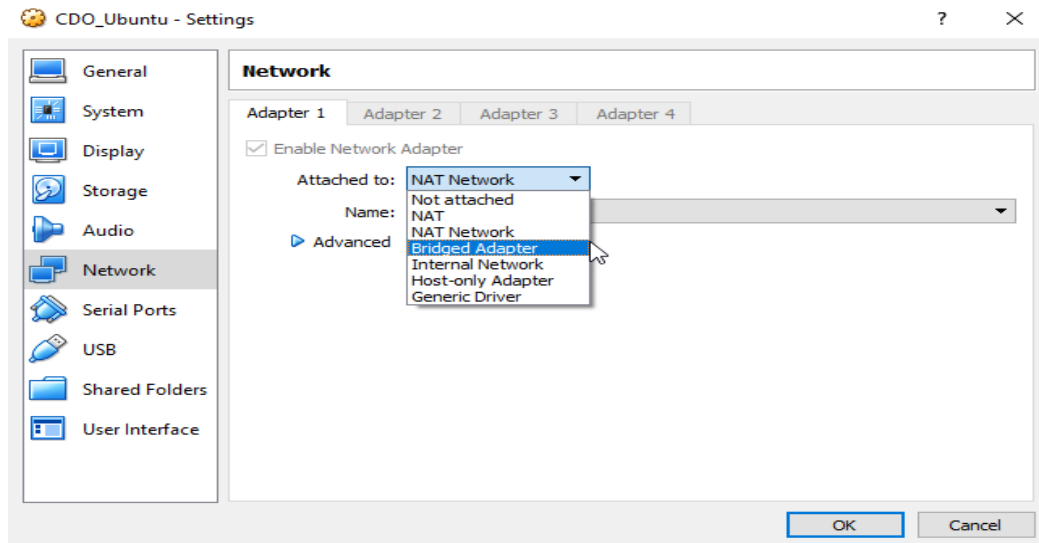


Intro to Networking Workshop

1. Slides! (FUMMN)
2. Configure Virtual Box
 - a. Right click which virtual machine you're working on.
 - b. Click settings.
 - c. Then go to the network tab.
 - d. Change the attached to: from "Nat Network" → "Bridged Adapter"



3. Jump into setting up a network!
4. **Linux - Debian/Ubuntu**
 - a. Edit the ip address on the interface:

```
nano /etc/network/interfaces
```

- b. When you are in the configuration file, type the text below to set up the interface.

```
#Will automatically start the specified interface.
auto <INTERFACE_NAME>
#Sets the specific configuration for the interface
iface {INTERFACE} inet static
    address 192.168.0.X
    netmask 255.255.255.0
    gateway 192.168.0.1
```

- c. Exit nano
- d. Restart the network service.

```
systemctl restart network
```

- e. Then ping another address on your network

```
ping <SOMEONE>
```

5. Windows

- a. Start Menu > Control panel > Network > Adapter Settings > Local Connection > Properties
- b. Open properties on IPv4, enable "Use the following IP address"

```
IP address: 192.168.0.X  
Subnet mask: 255.255.255.0  
Default gateway: 192.168.0.1
```

- c. Open CMD, ping {SOMEONE}