

VirtualBox Troubleshooting

Contents

VirtualBox Troubleshooting	1
User Created NAT	1
Ping to Create Traffic	1
Set Network Card to Promiscuous Mode	1
Remove VirtualBox DHCP Server	2
Wireless Adapters and VirtualBox	3
VM's Fail to Launch after VirtualBox Upgrade	3

User Created NAT

There can be issues using a user created NAT network in VirtualBox. Here are some steps that may help resolve issues.

Ping to Create Traffic

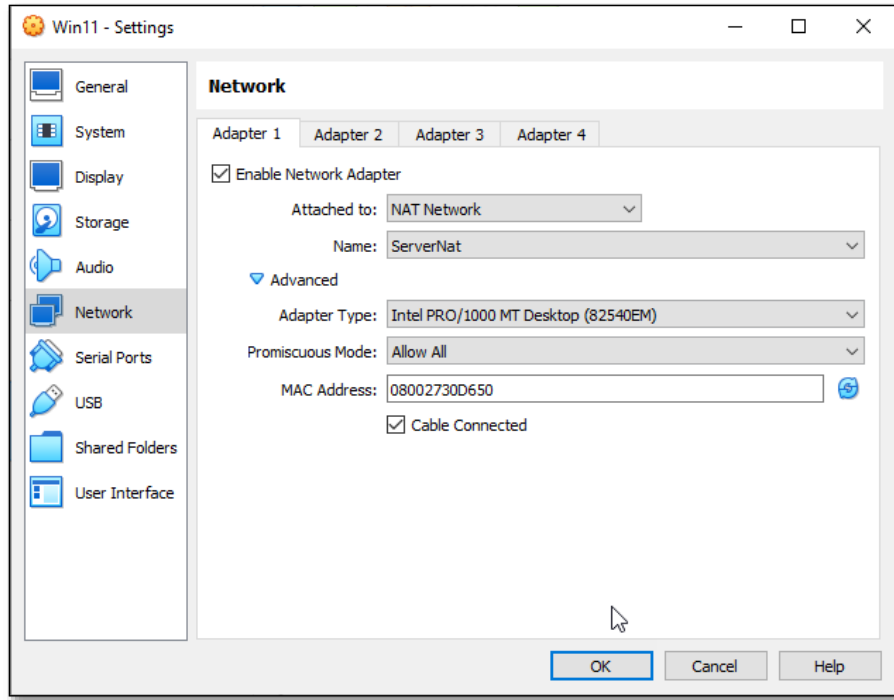
ping 8.8.8.8

That bit of network traffic may be all it takes to get your NAT working.

Set Network Card to Promiscuous Mode

Always set all networks to Promiscuous Mode Allow All

1. Shutdown all VM Operating Systems.
2. Right Click on the VM → **Settings** → **Network**.
3. Click **Advanced** → Promiscuous Mode: **Allow All**



4. Start the VM's.

Remove VirtualBox DHCP Server

1. Shutdown all VM Operating Systems.
2. Remove and recreate the NAT Network.
3. Run the following command at a command prompt to reset the DHCP settings.

NOTE: NatNetwork is the default name for the first NAT network created. Replace NatNetwork with the name of the Nat network you are having trouble with.

```
cd c:\Program Files\Oracle\VirtualBox  
  
VBoxManage.exe dhcpserver remove --network=NatNetwork
```

4. Set the VM to the Bridged Adapter.
5. Set the VM to the NAT Network.
6. Start the VM's

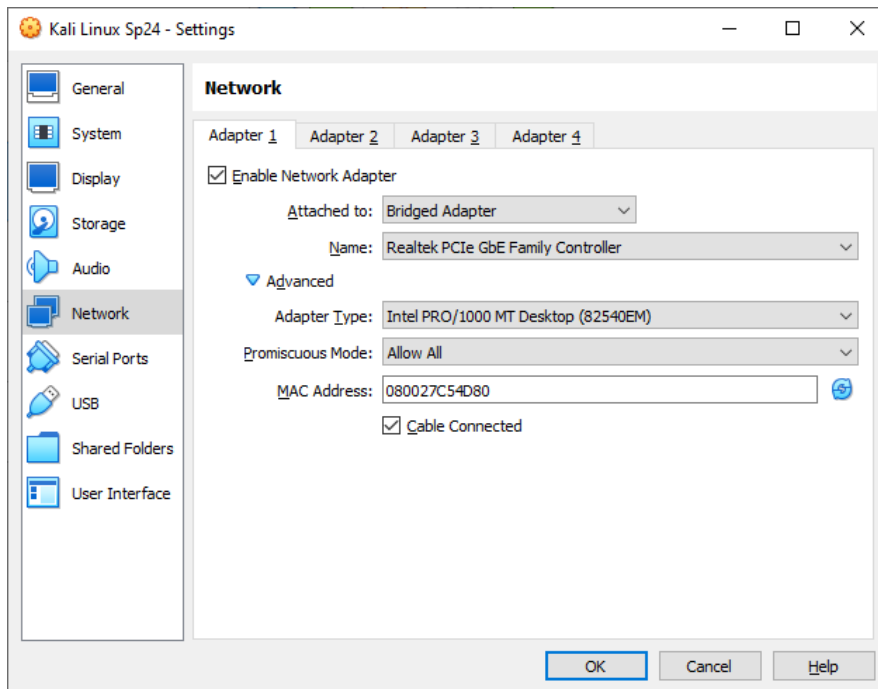
https://renenyffenegger.ch/notes/Windows/dirs/Program-Files/Oracle/VirtualBox/VBoxManage_exe/natnetwork

<https://documentation.help/VirtualBox/ch08s38.html>

Wireless Adapters and VirtualBox

This may work for a bridged adapter with a wireless network card.

1. The **name** should be set to your wireless adapter.
2. **ipconfig /all**
3. Copy the MAC Address of your physical wireless adapter.
4. Paste into the MAC Address of the VM as shown.



VM's Fail to Launch after VirtualBox Upgrade

1. Uninstall Virtualbox and reboot.
2. Go to "C:\Windows\System32\drivers", look for any files called 'Vbox*.sys' (there could be up to 5) and delete them.
3. Reboot again.
4. If you have any 3rd-party security or anti-malware software, disable..
5. Reinstall Virtualbox using right-click-Run-As-Administrator.