

Change Windows MAC addresses



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Disclaimer

- You do this at your own risk.
- Make sure you understand the consequences of what you are doing and are legally authorized to make changes



Change Windows MAC Address

- Want to watch a YouTube video?
 - <http://bit.ly/changemacwindows>



Change Windows MAC Address

- Methods:
 1. See if you can change the MAC address using the easy way first
 2. If not, use the Windows Registry Editor



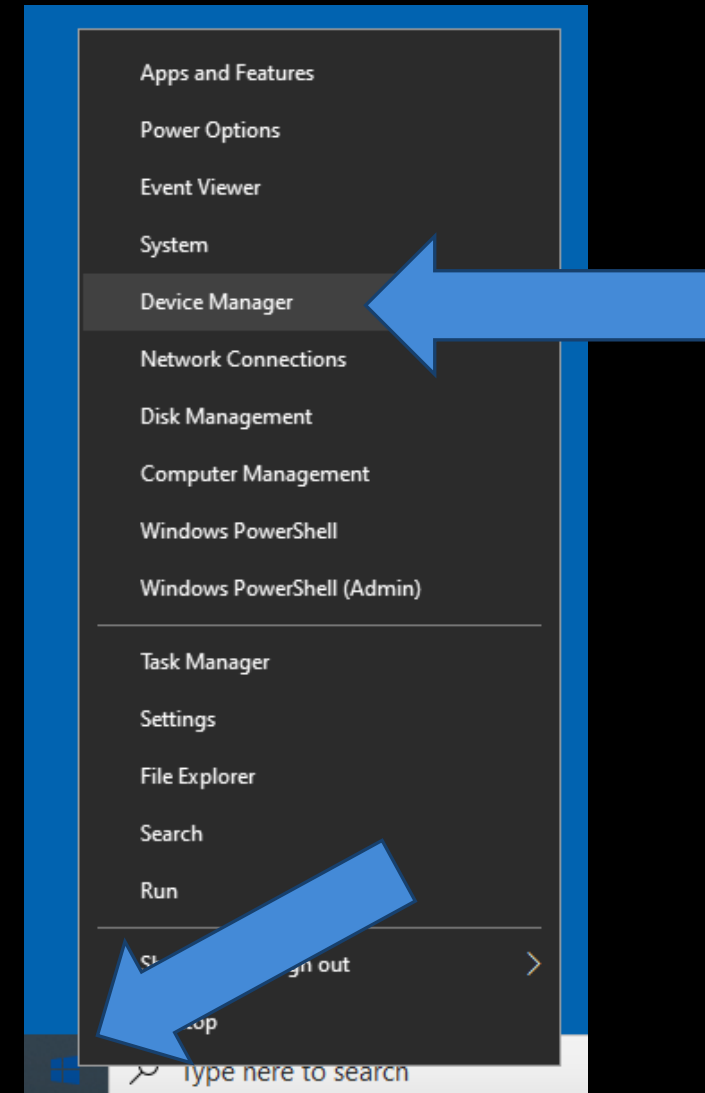
Method 1

- This is the easy way, but not all network cards support this.



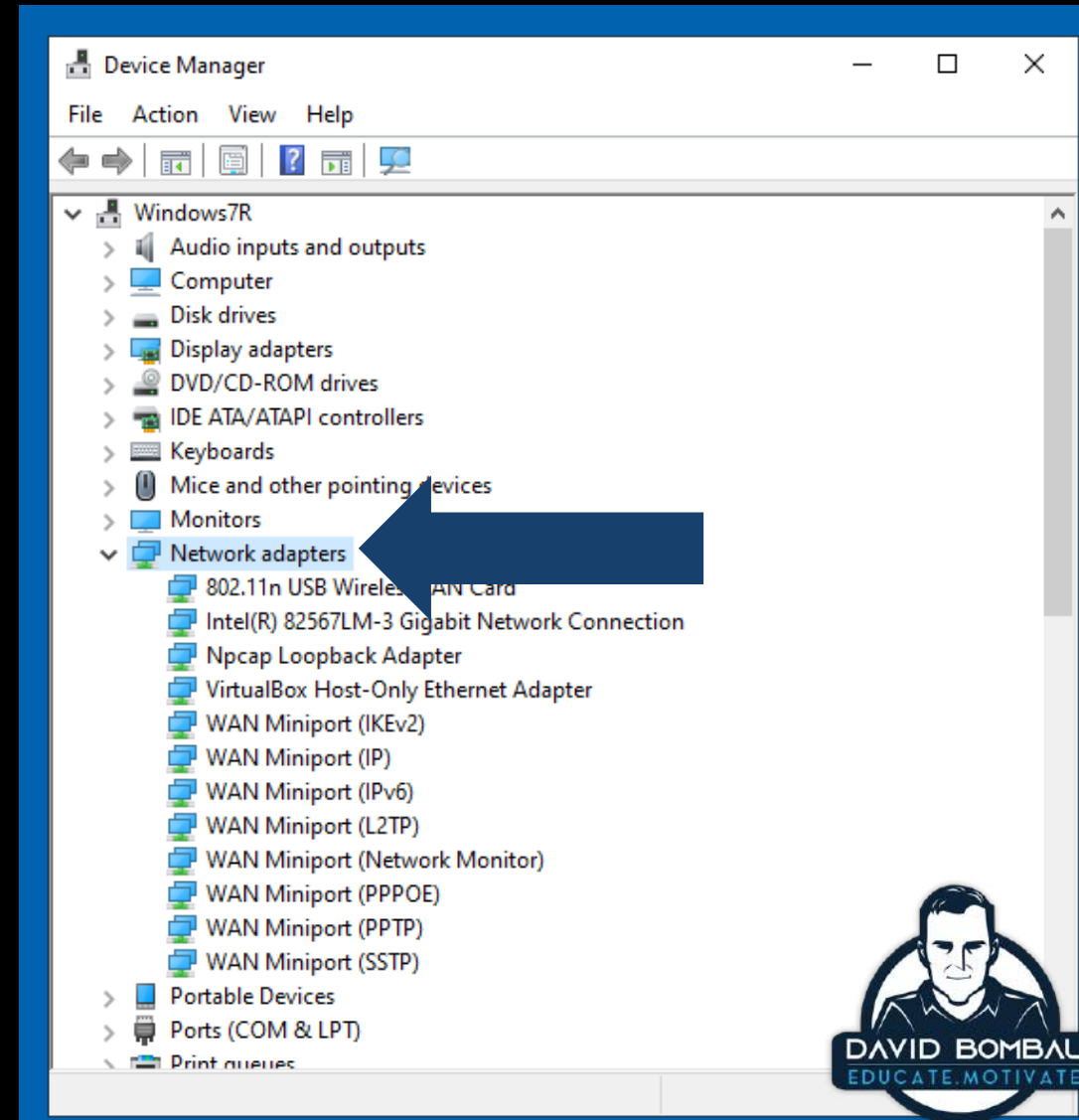
Easy Method: Step 1

- Right click on Windows Start button
- Click Device Manager



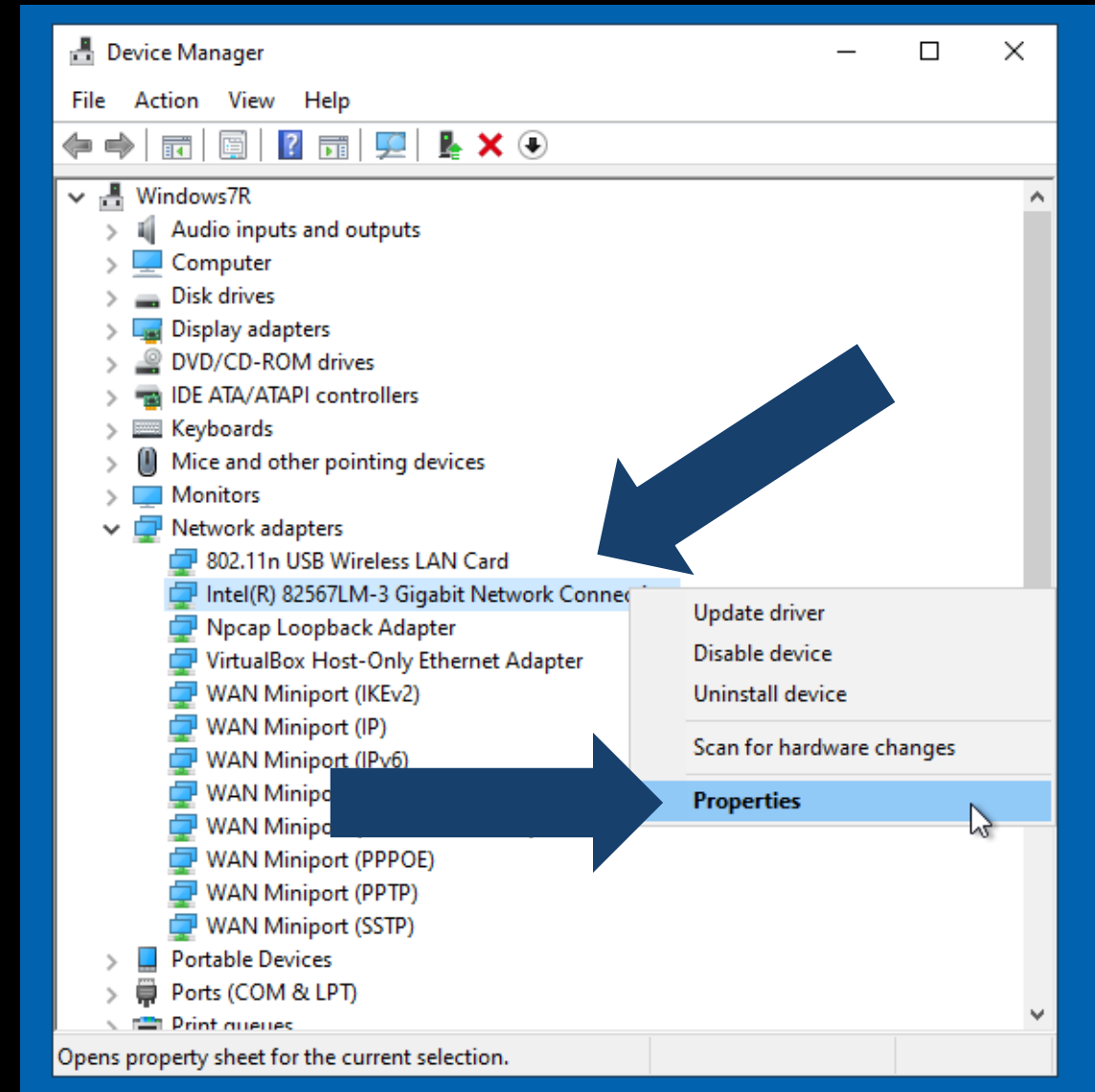
Easy Method: Step 2

- Click Network adapters



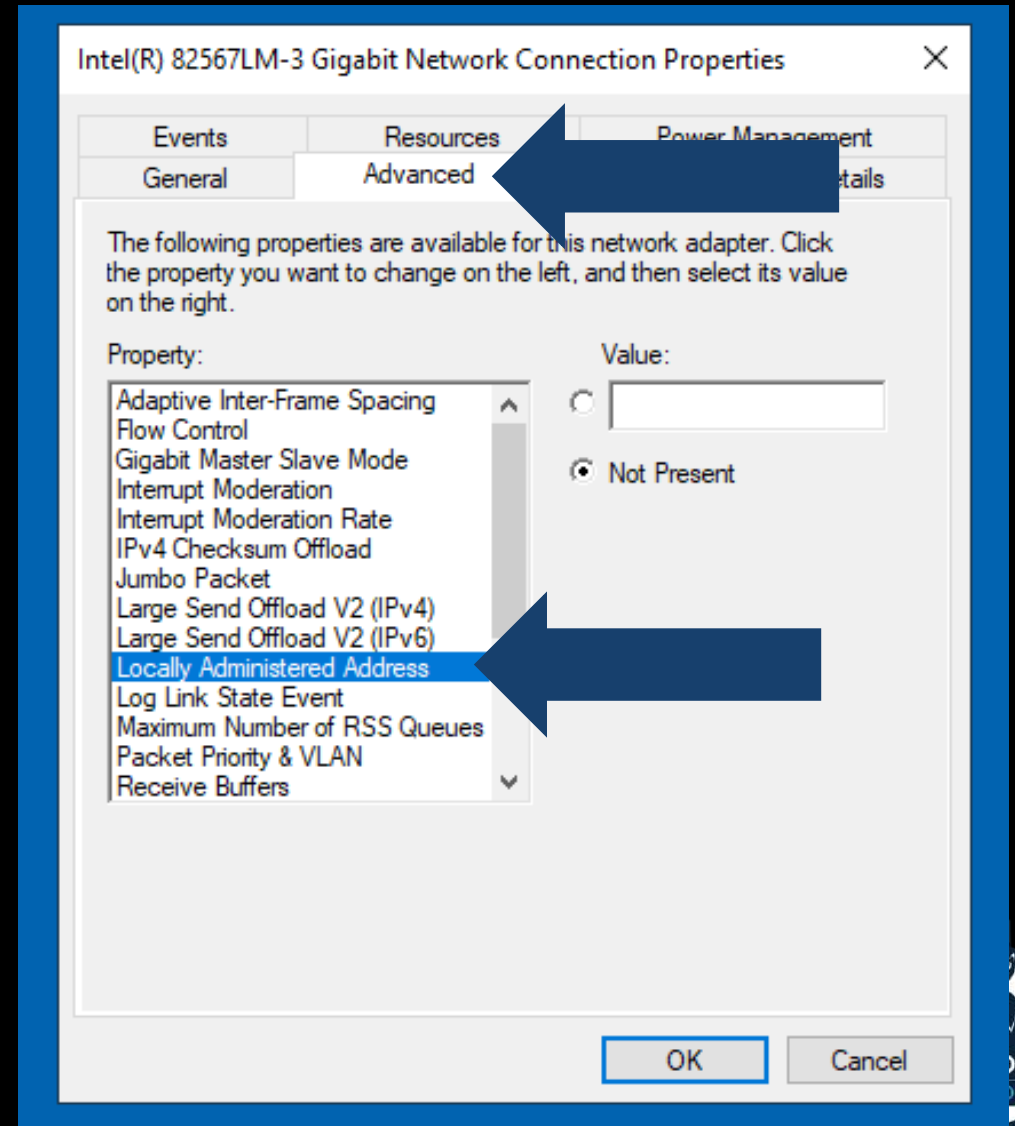
Easy Method: Step 3

- Right click the Network Adapter you want to change
- Click Properties



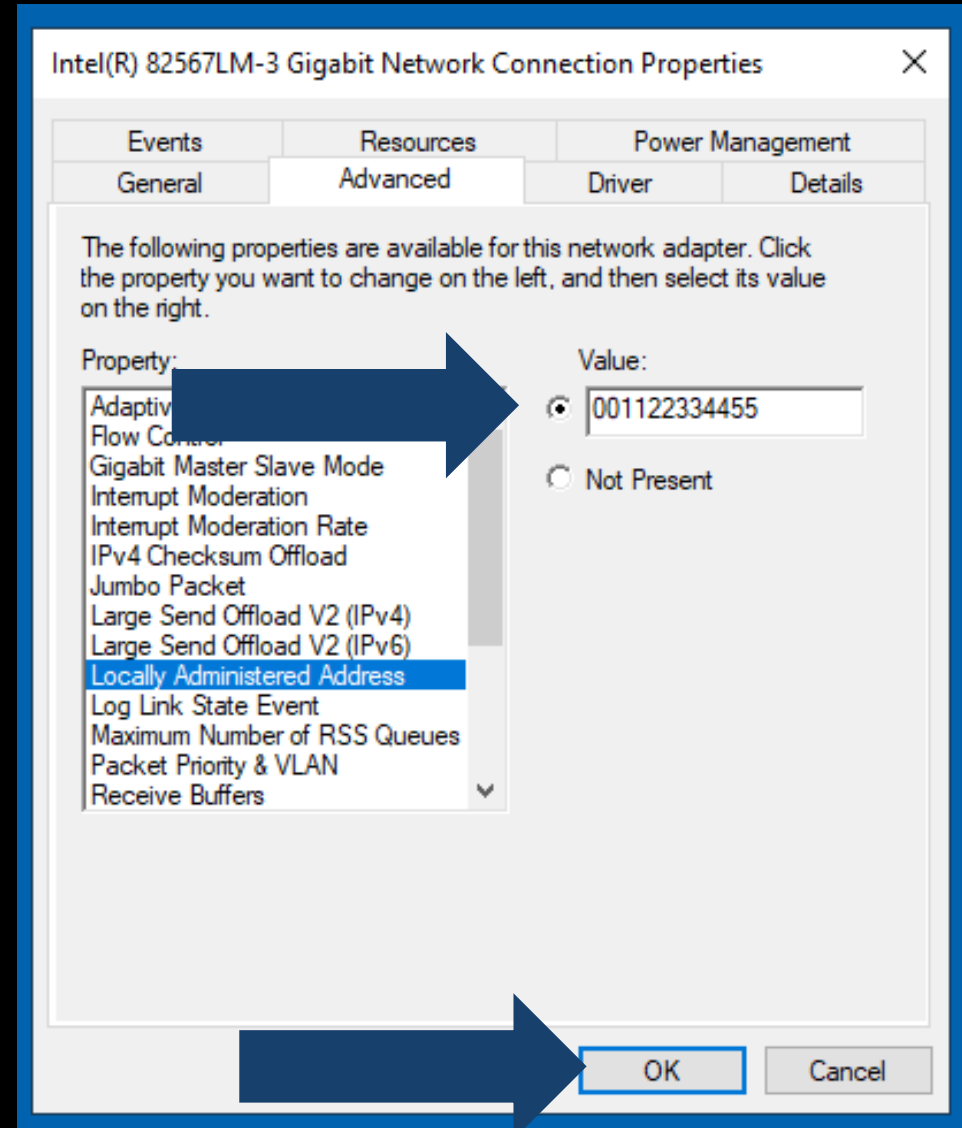
Easy Method: Step 4

- Select the Advanced Tab
- Click Locally Administered Address



Easy Method: Step 5

- Specify the new MAC address
- Click OK
- If the MAC address change fails try setting the second character to 2 or 6 or A or E



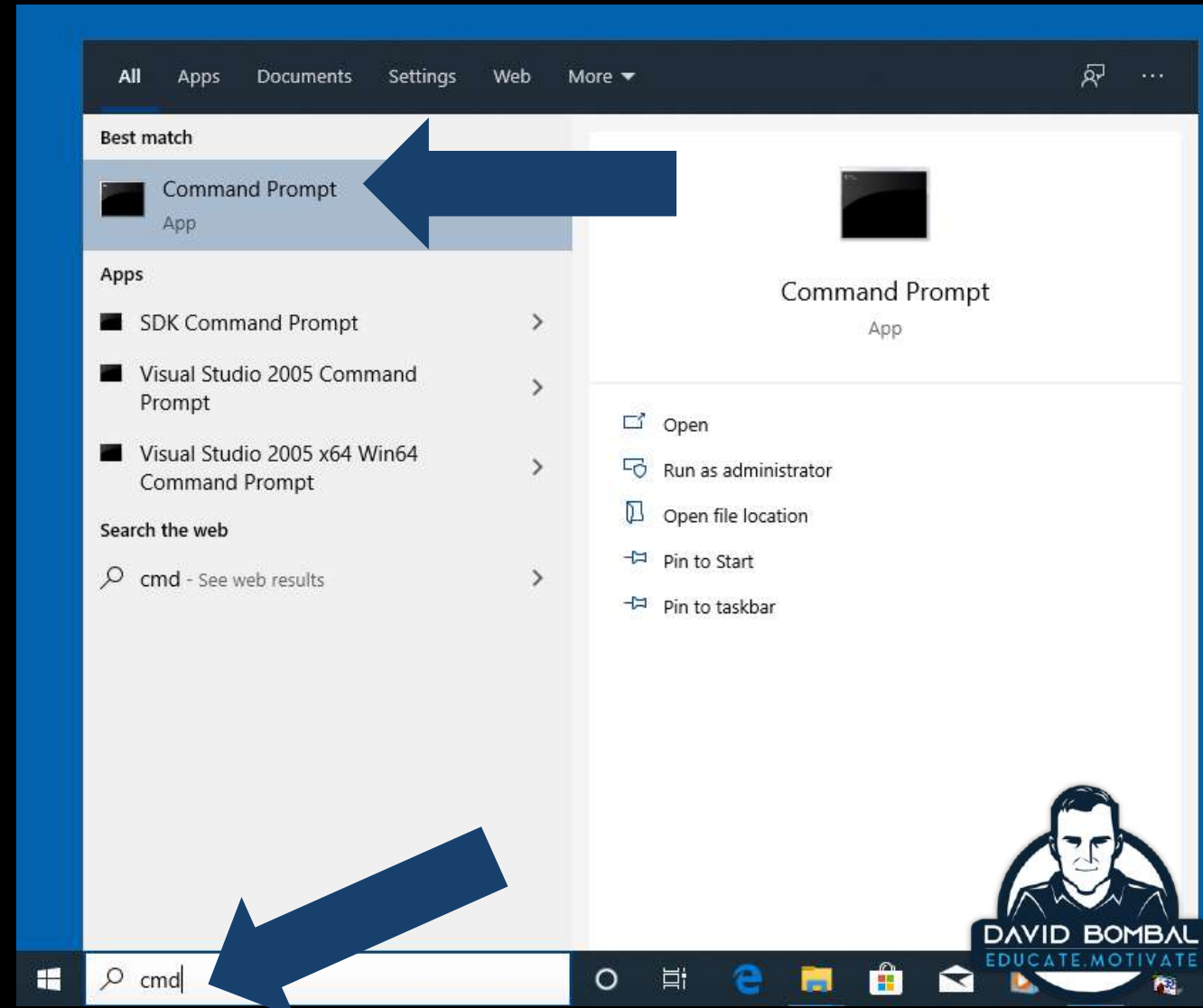
Verification Option 1

- Use a command prompt command to verify the MAC address change



Verification Option1: Part 1

- Open a command prompt



Verification Option 1: Part 2

- Use the **getmac** command to verify that the MAC address has changed

```
Command Prompt

C:\Users\admin>getmac

Physical Address      Transport Name
=====
00-11-22-33-44-55    ip_{5FC0B57A-F04B-438C-BE1F-9BC19DF366F7}
7C-DD-90-1F-77-CE    Media disconnected
02-00-4C-4F-4F-50    \Device\Tcpip_{72F83914-E4C3-4EE8-8D10-F890EDCA5773}
0A-00-27-00-00-05    \Device\Tcpip_{5E816F1E-28CF-4466-B9DA-8DFA39A2E627}

C:\Users\admin>
```

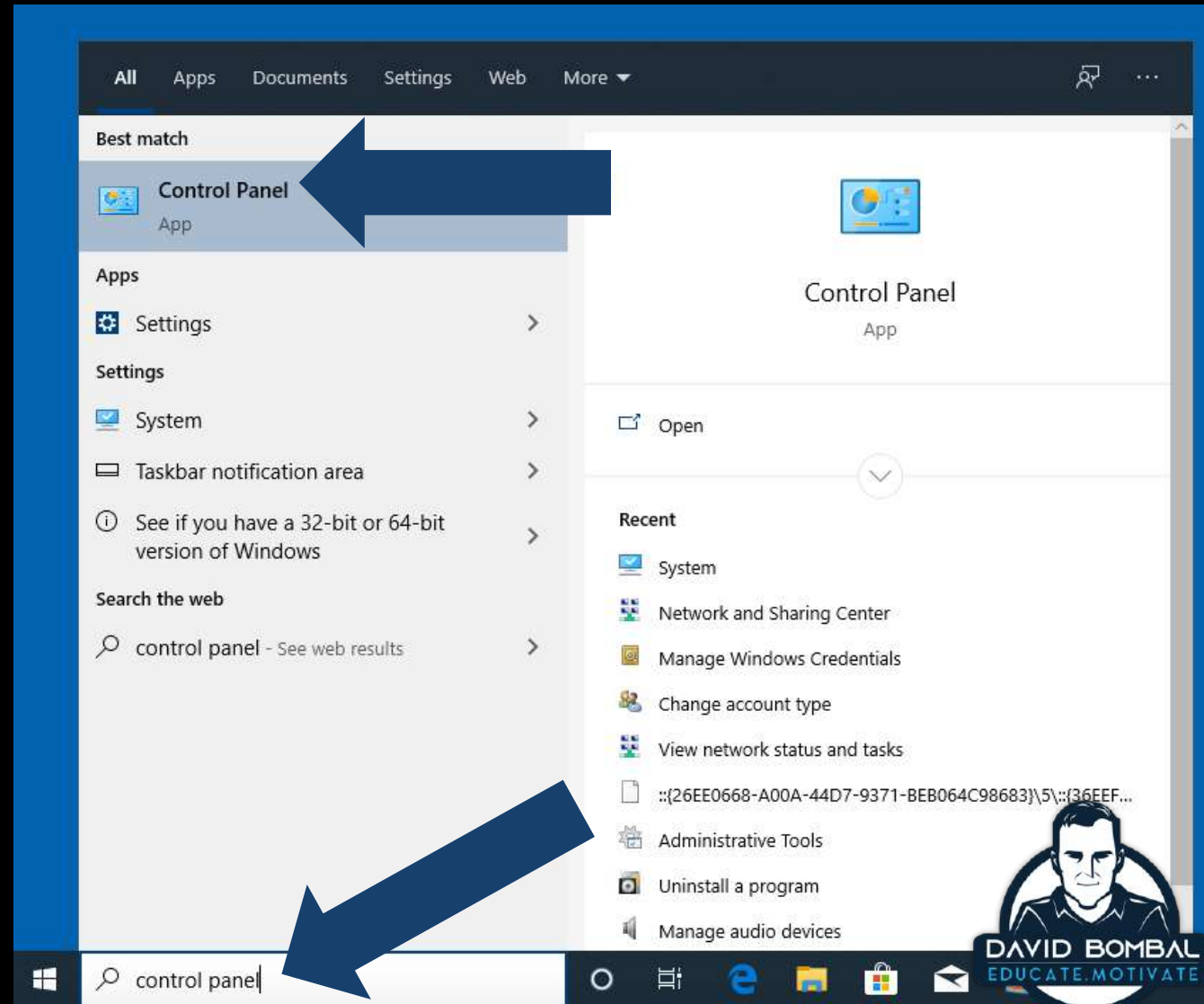

Verification Option 2

- Use the GUI to verify the MAC address change



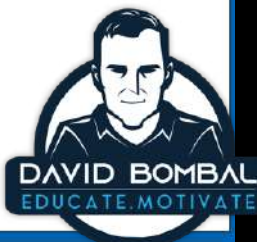
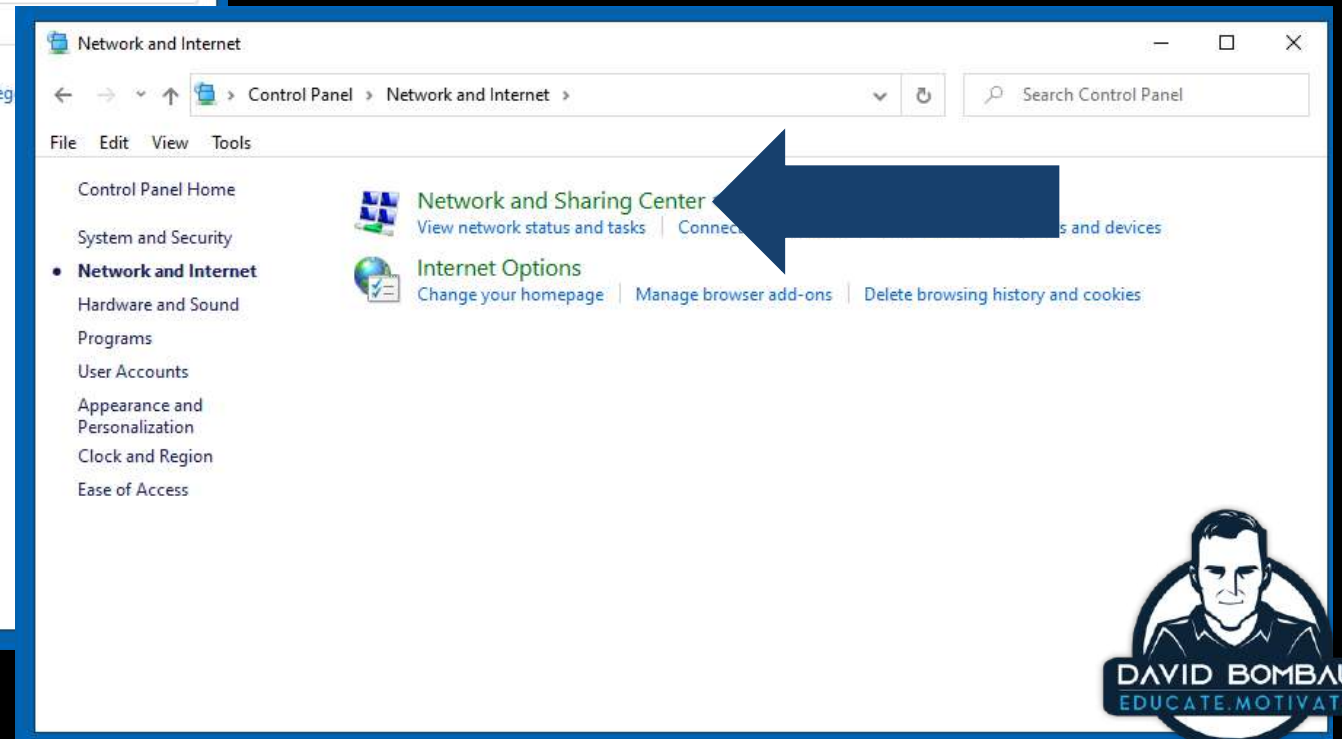
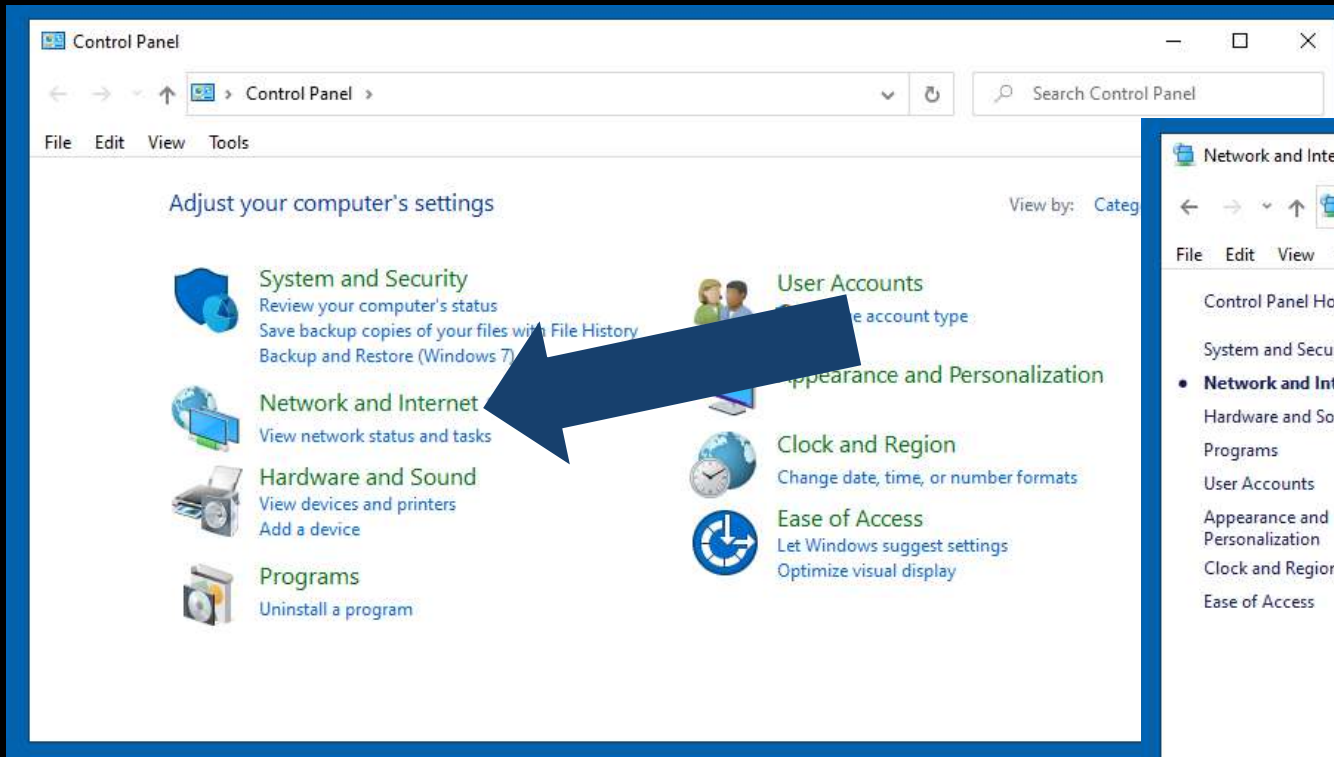
Verification Option 2: Step 1

- Open Control Panel



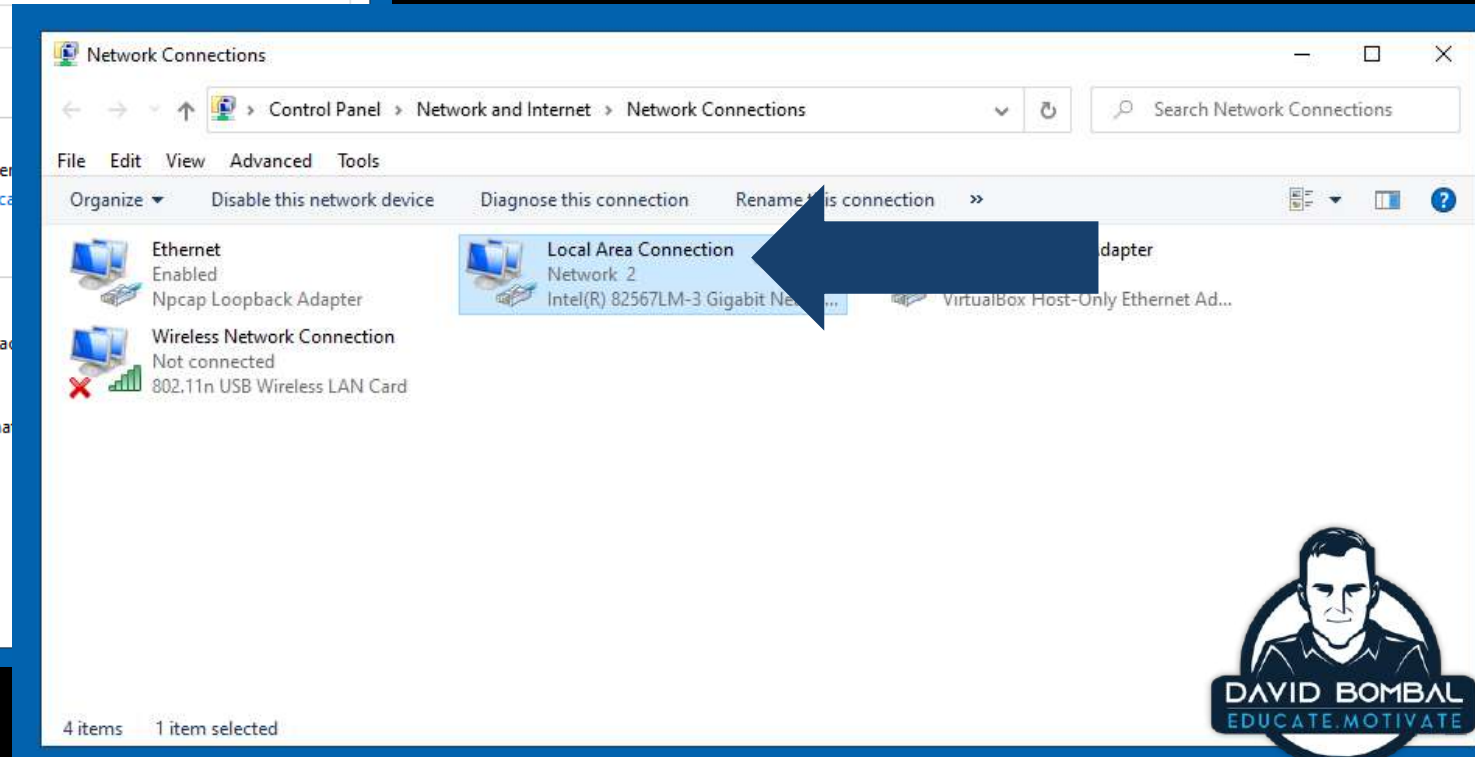
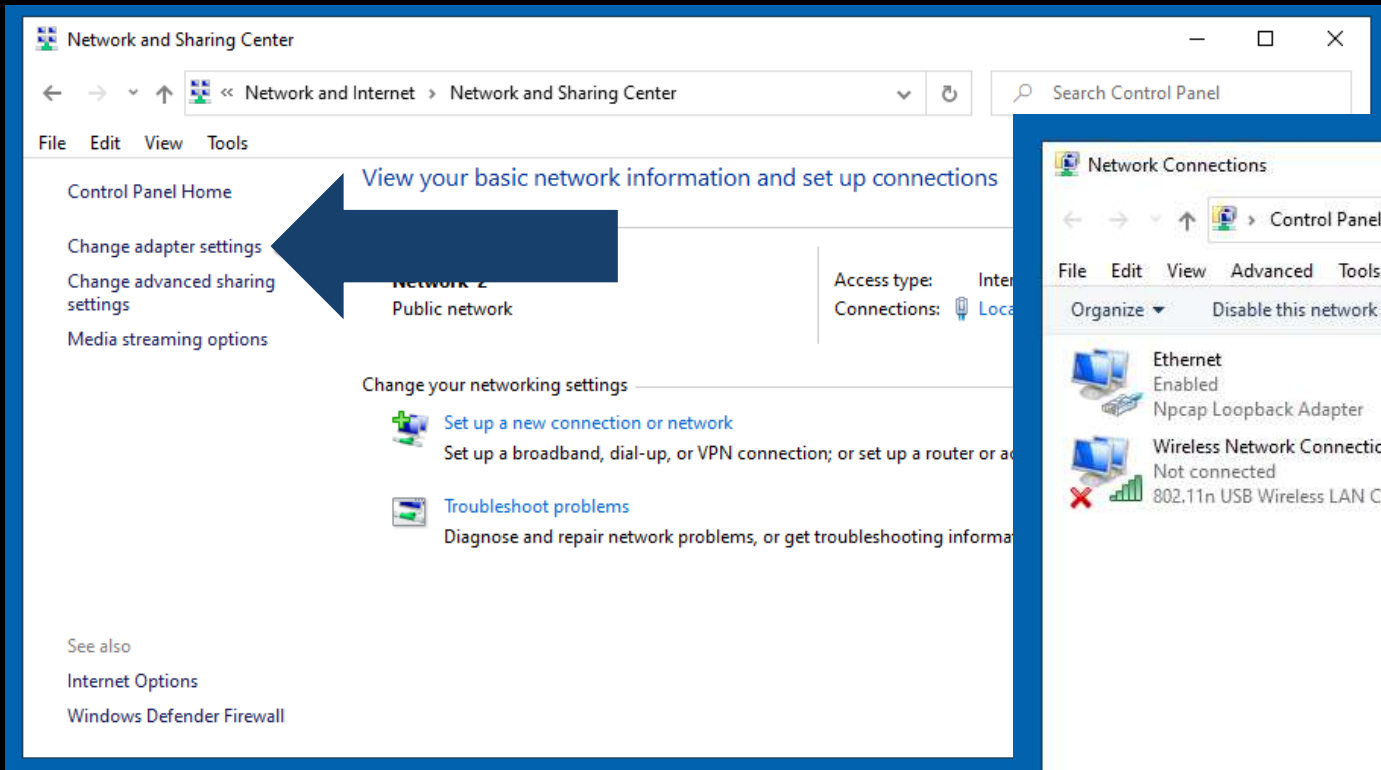
Verification Option 2: Step 2

- Select Network and Internet
- Select Network and Sharing Center



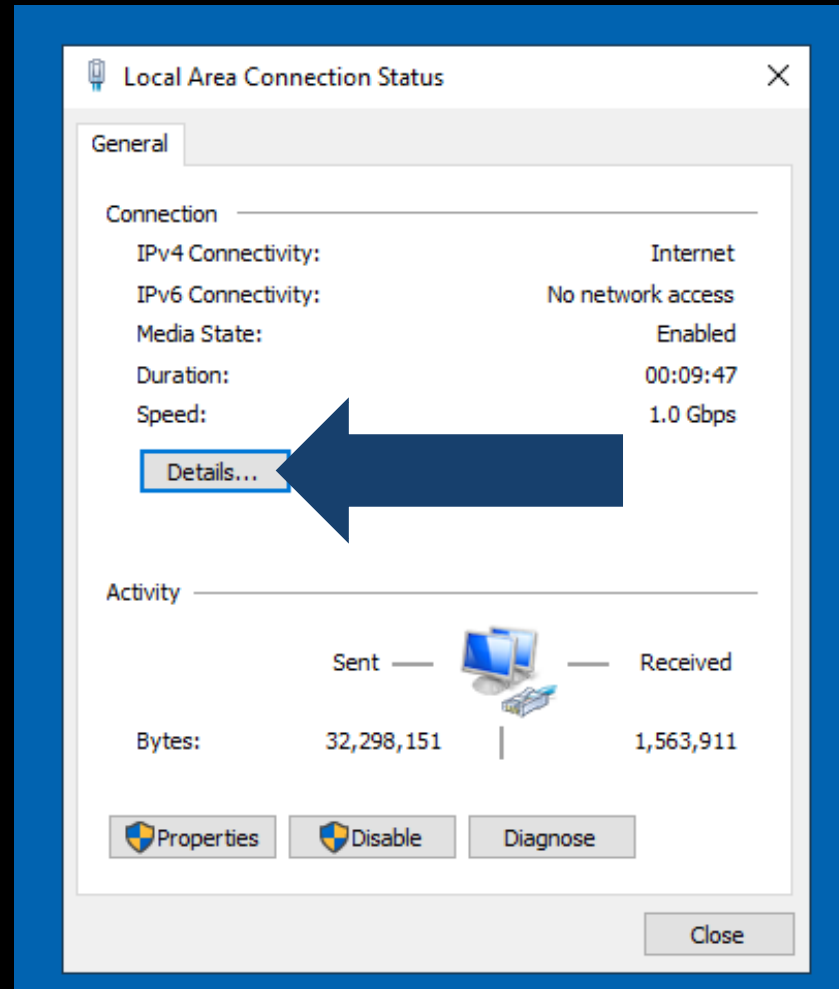
Verification Option 2: Step 3

- Click Change adapter settings
- Double Click Network Card you changed



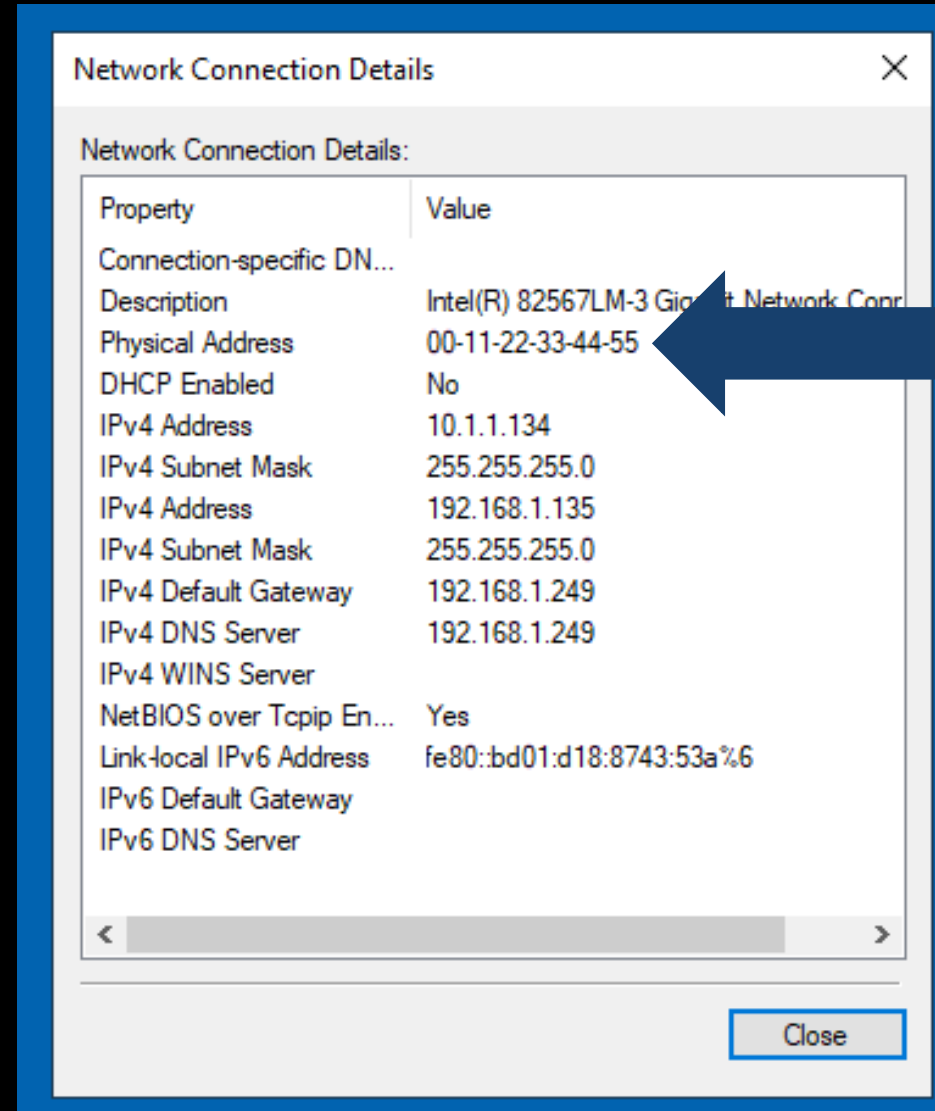
Verification Option 2: Step 4

- Click Details



Verification Option 2: Step 5

- Verify new MAC address



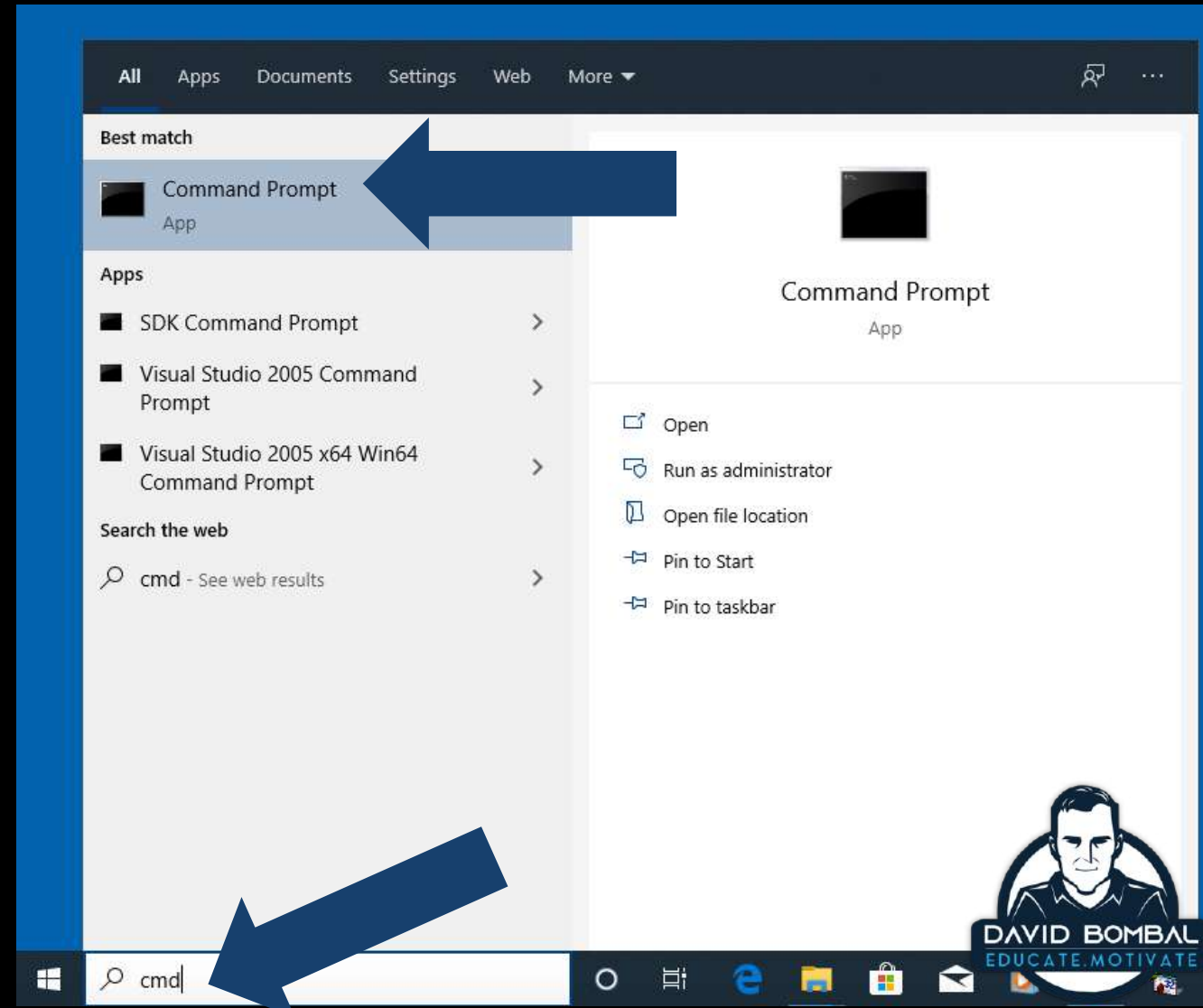
Method 2

- This is the hard method.
- Uses the Windows Registry
- Be careful!



Hard Method: Step 1

- Open a command prompt



Hard Method: Step 2

- Use the **getmac** command to find the MAC address and Transport Name

```
C:\Users\david>getmac
```

Physical Address	Transport Name
=====	=====
0E-55-44-33-22-11	\Device\Tcpip_{79361F3E-9584-4D7B-A7C9-5BC68CD999B7}
00-50-56-C0-00-01	\Device\Tcpip_{AAAF262A-4794-4833-8816-A2255A4D346B}
00-50-56-C0-00-08	\Device\Tcpip_{EA4BA72A-1149-4302-BF18-9BCC52001D65}
0A-00-27-00-00-15	\Device\Tcpip_{BABB4705-16CD-4440-BF2B-04D4CA640F9E}
02-00-4C-4F-4F-50	\Device\Tcpip_{847FFC86-3154-4BB0-93D4-35274B84C6D6}

```
C:\Users\david>
```



Hard Method: Step 3

- Open the Registry Editor
- Go to this key:
 - HKEY_LOCAL_MACHINE/SYSTEM/ControlSet001/Control/Class/{4D36E972-E325-11CE-BFC1-08002BE10318}
- Multiple folders are displayed:
 - 0000, 0001, 0002 etc.
- Search for your first portion of your NIC Identifier from the getmac command:
 - Example: 79361F3E
- Verify that the **NetCfgInstanceId** is the same as the value shown in the **getmac** command



Hard Method: Step 4

- Right click and create a string value with the name **NetworkAddress**
- Specify your MAC address
 - If the MAC address change fails try setting the second character to 2 or 6 or A or E
- Check if the changes work
 - Disable and then re-enable the network card or reboot the computer



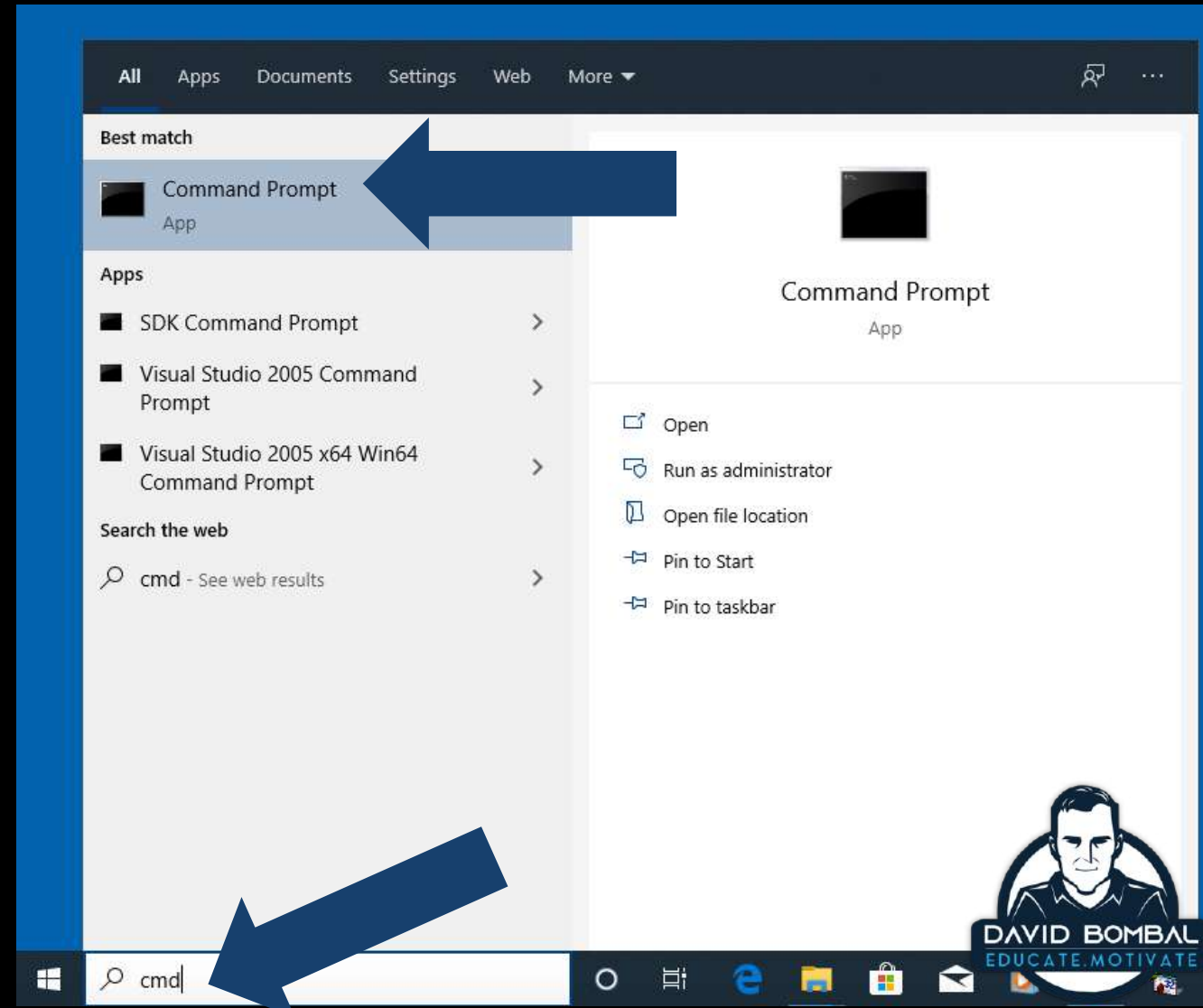
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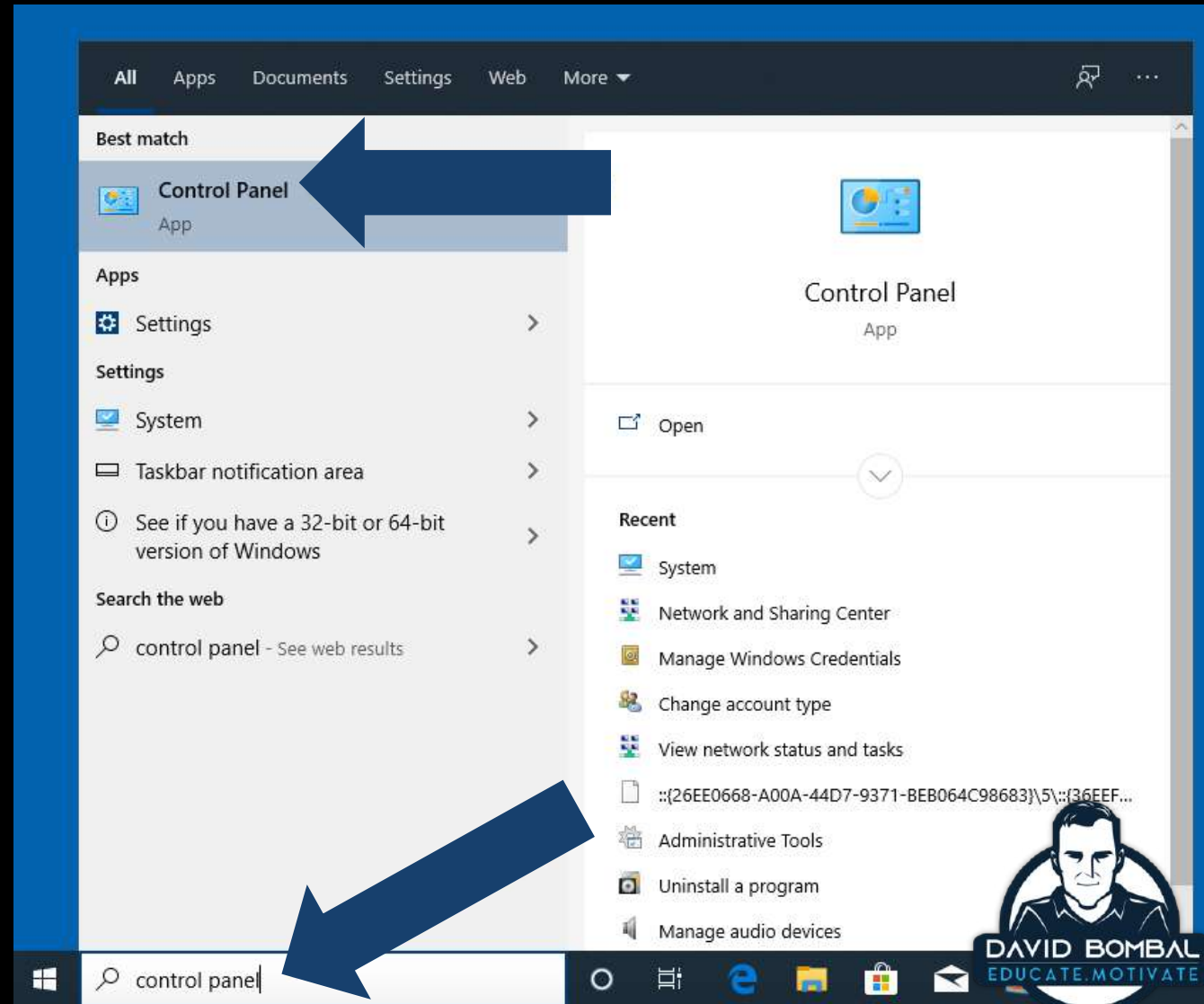
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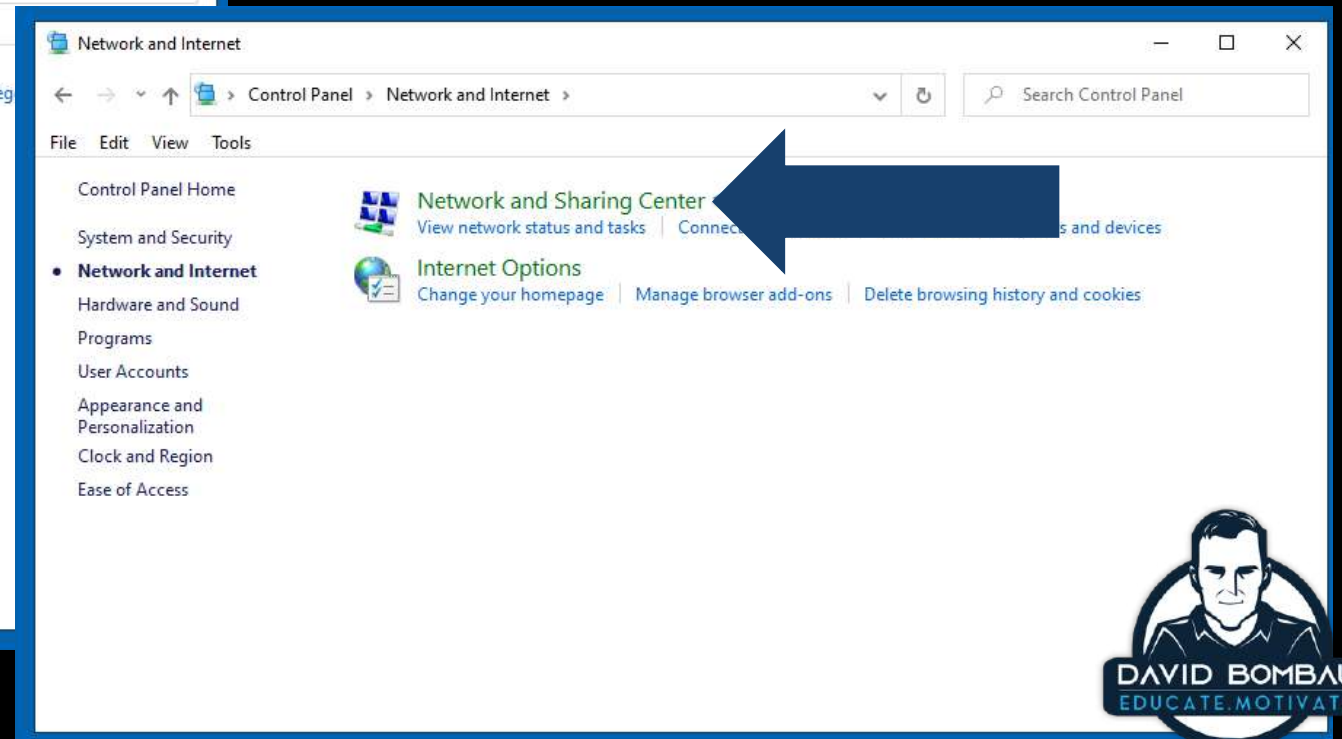
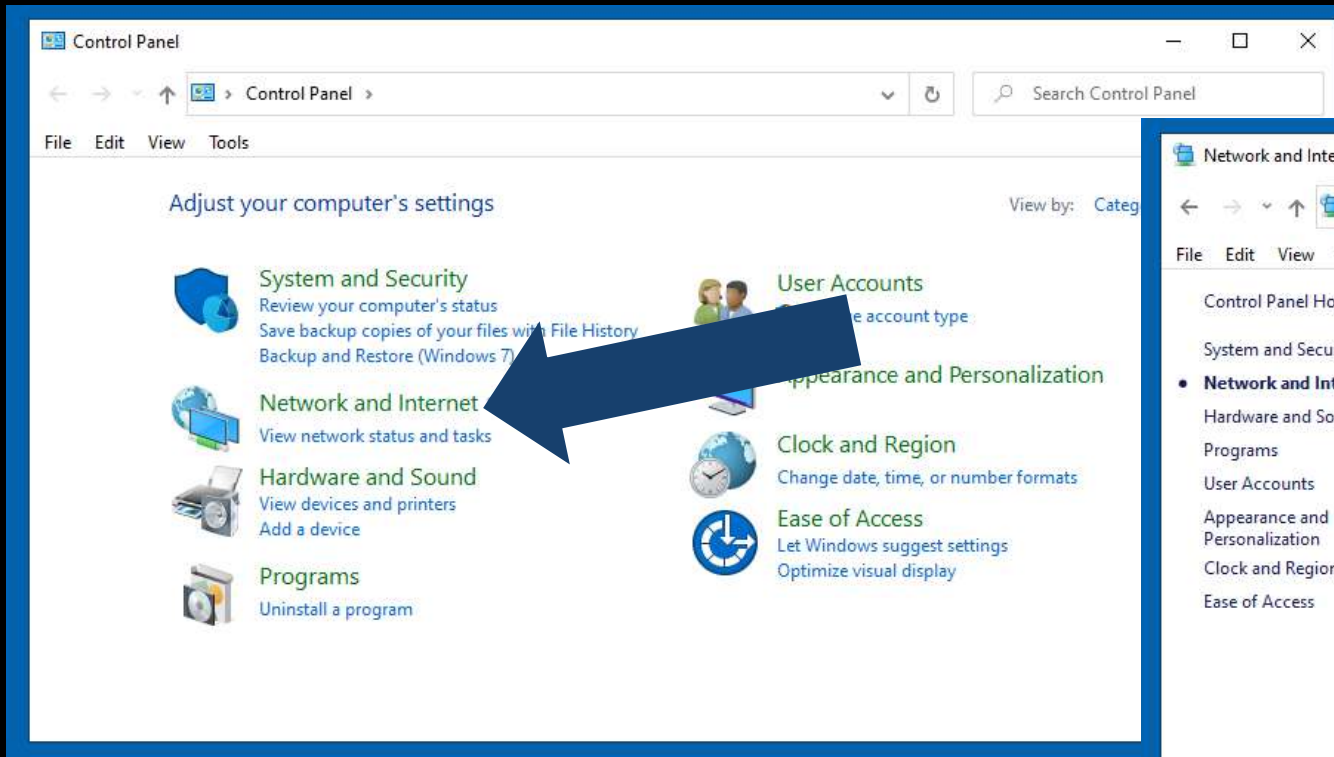
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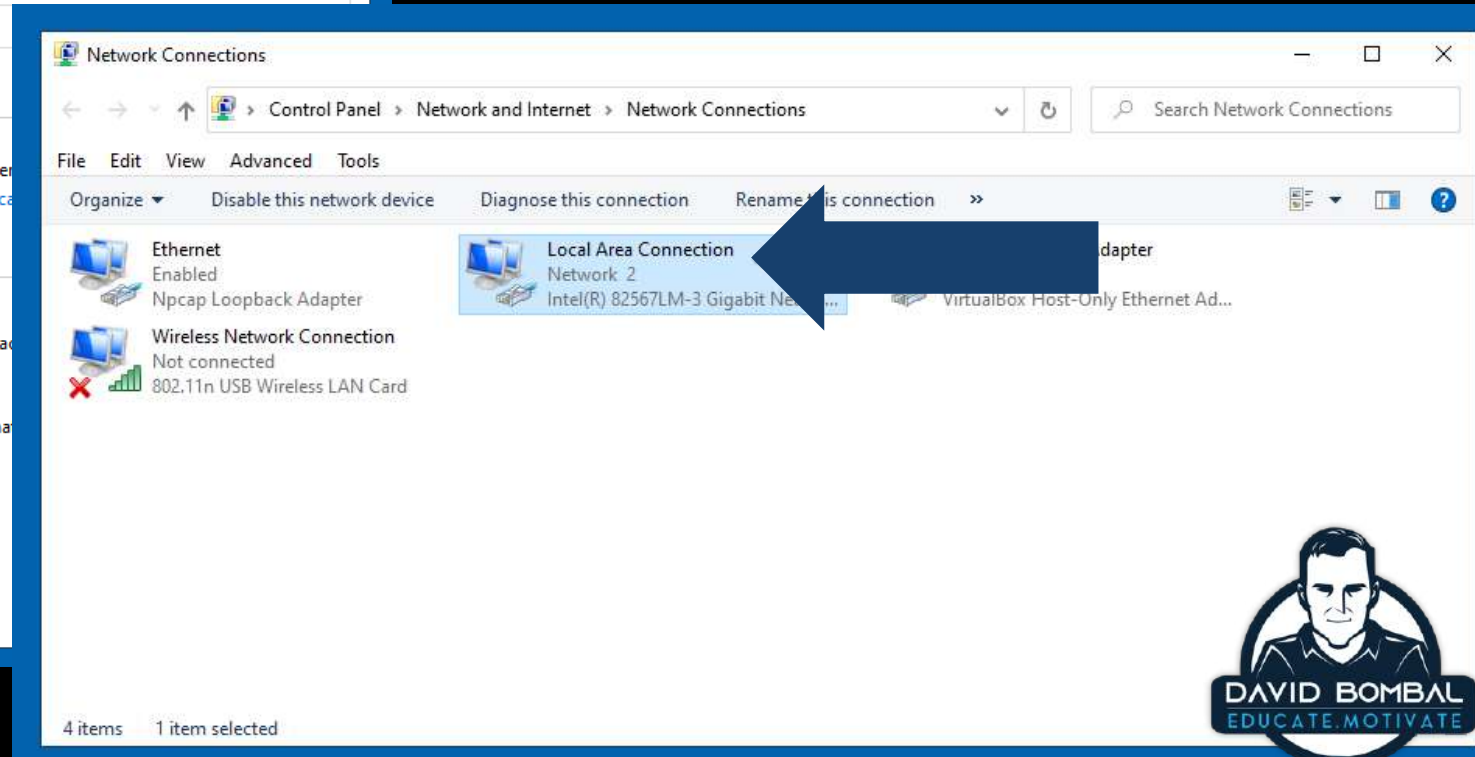
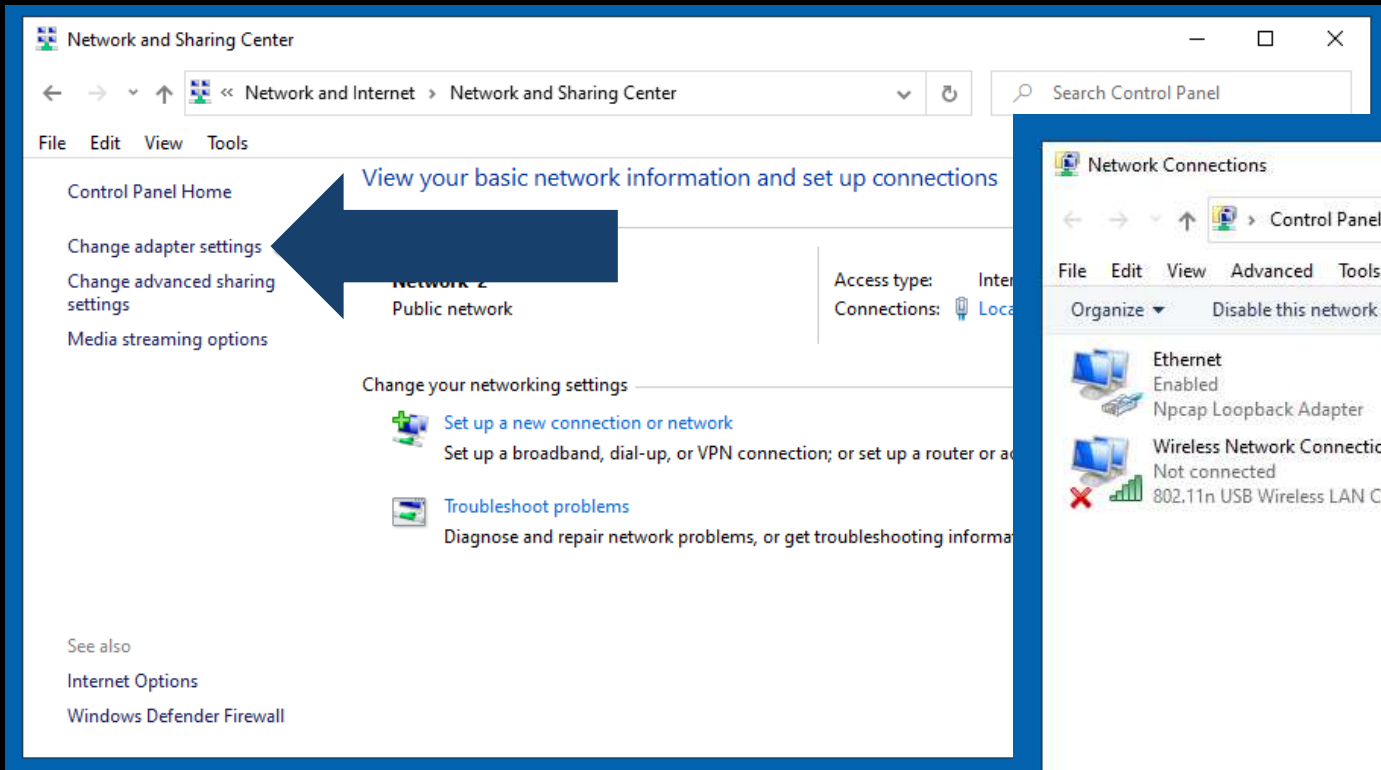
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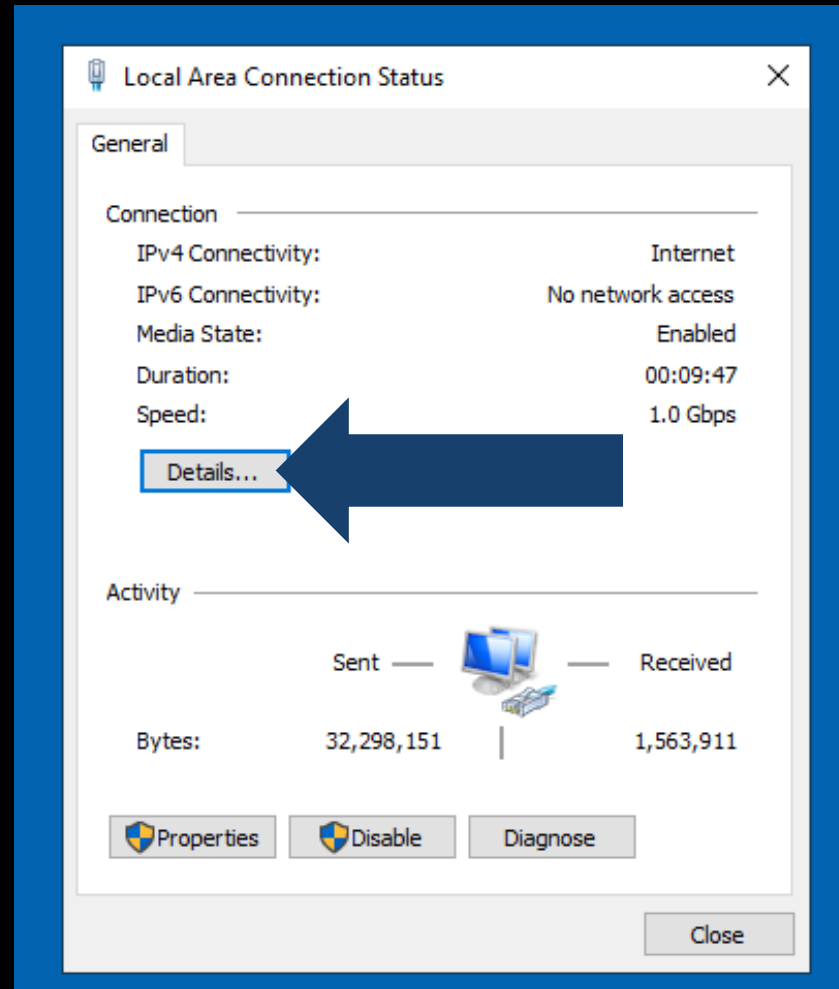
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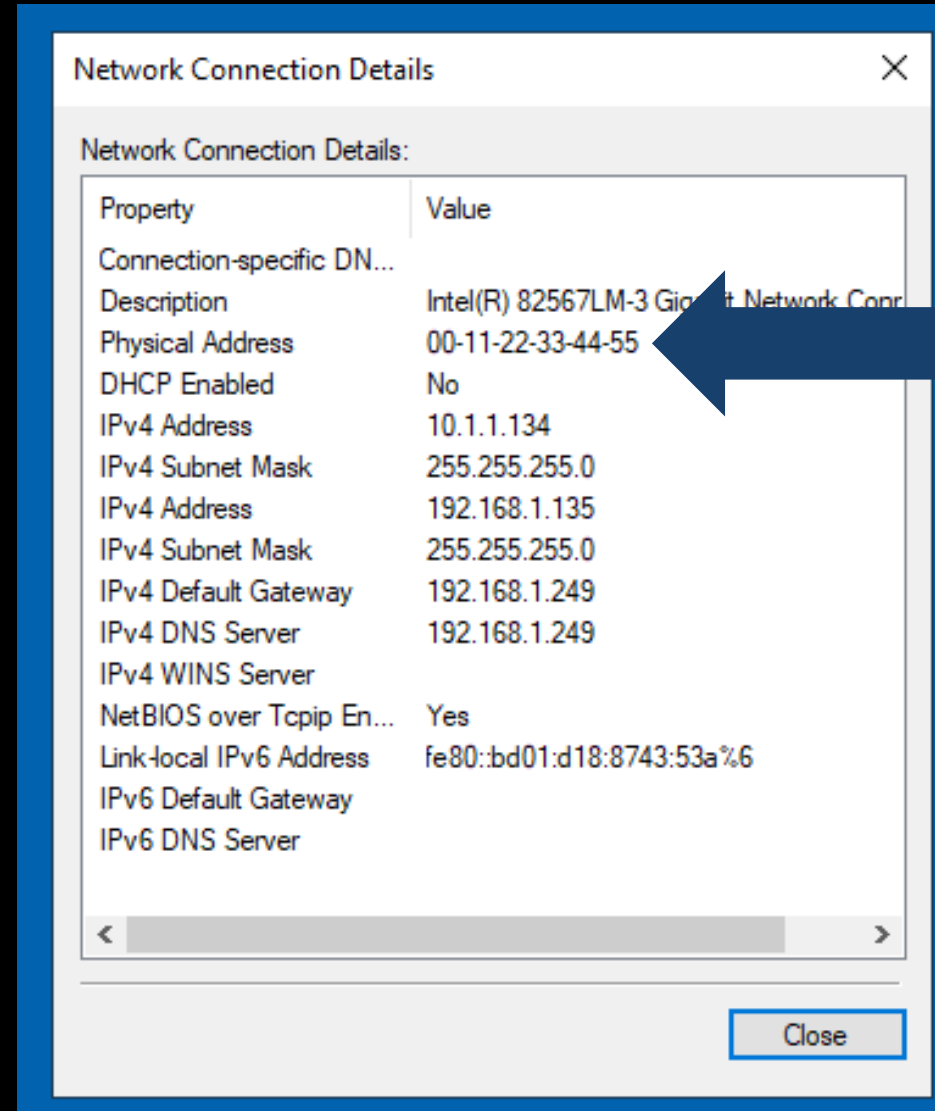
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- Click Details



Verification Option 2: Step 5

- Verify new MAC address



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SEARCHING.....