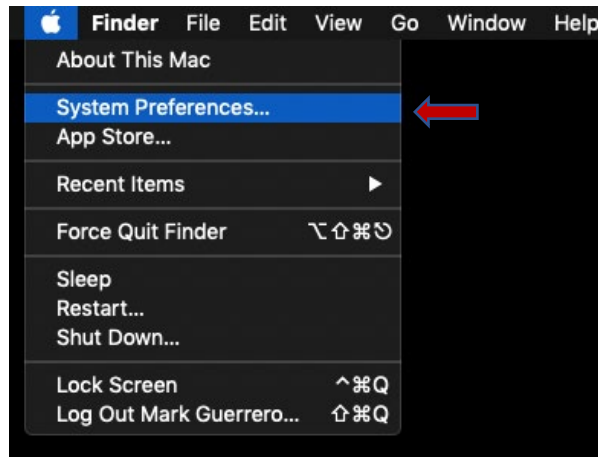**DukeHealth**

Technology Solutions

Host Name, IP and Hardware Address

This document demonstrates how to find the Host Name, IP, and Hardware address for MS Windows, Apple MAC, and Linux devices. We have also included a couple of non-OS devices that would only have a Media Access Control (MAC) Address (a.k.a. Physical address, or Hardware address).
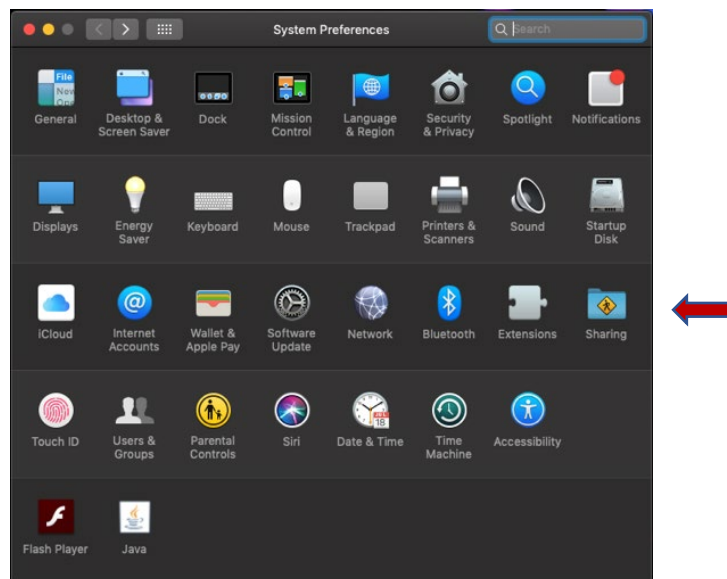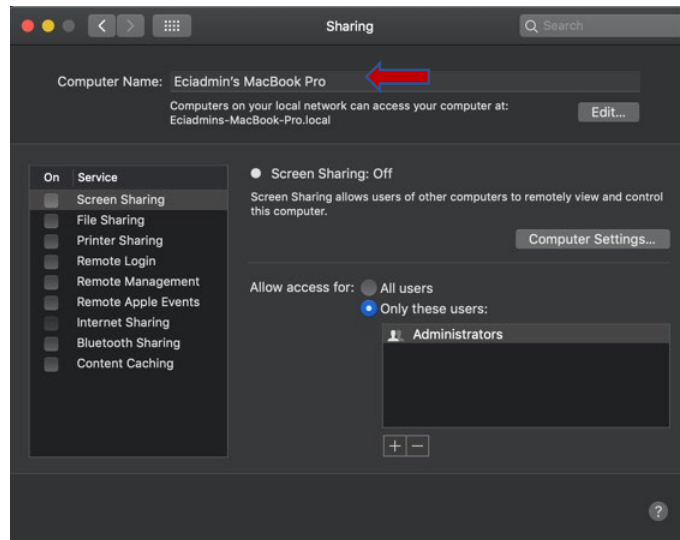
Apple Macbook:

1. **Find Hostname**
   On your Mac, choose Apple menu > System Preferences.
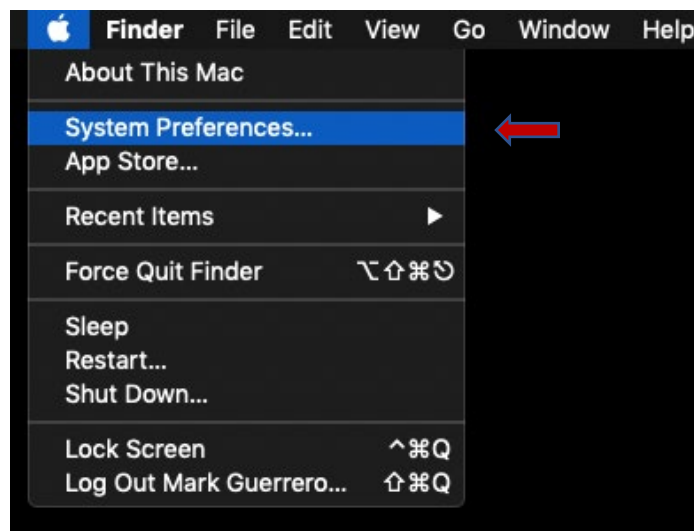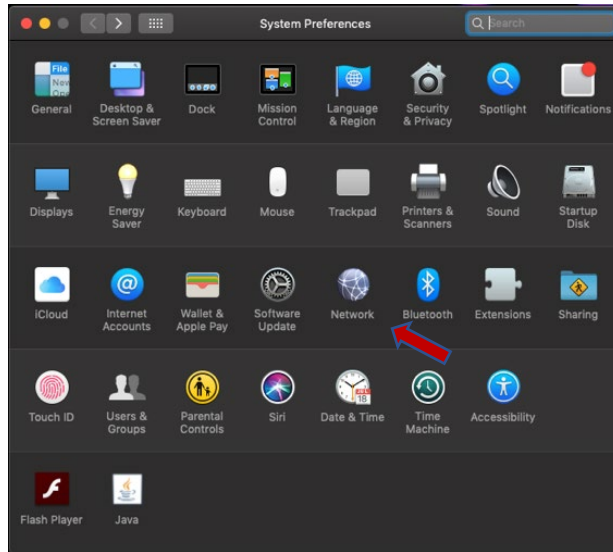

2. *Then click "**Sharing**".*

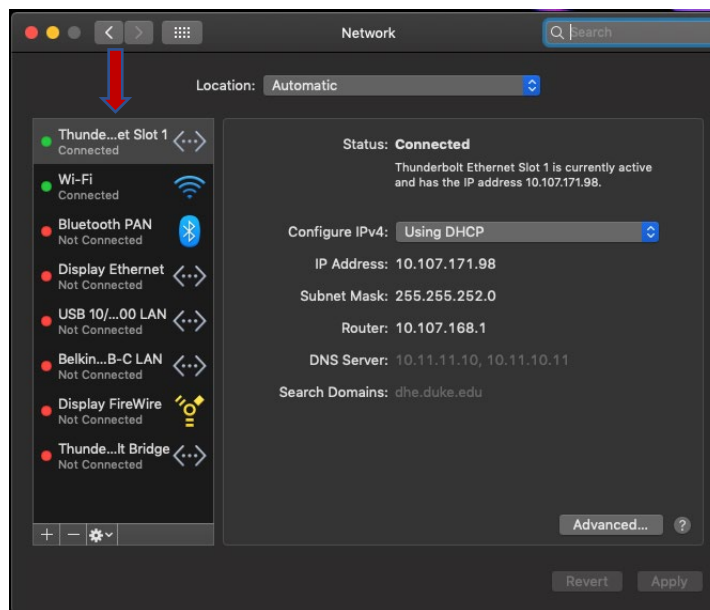3. **You will find your computer name in the dialog box.**

Find IP and MAC address

1. **On your Mac, choose Apple menu > System Preferences, then click Network.**
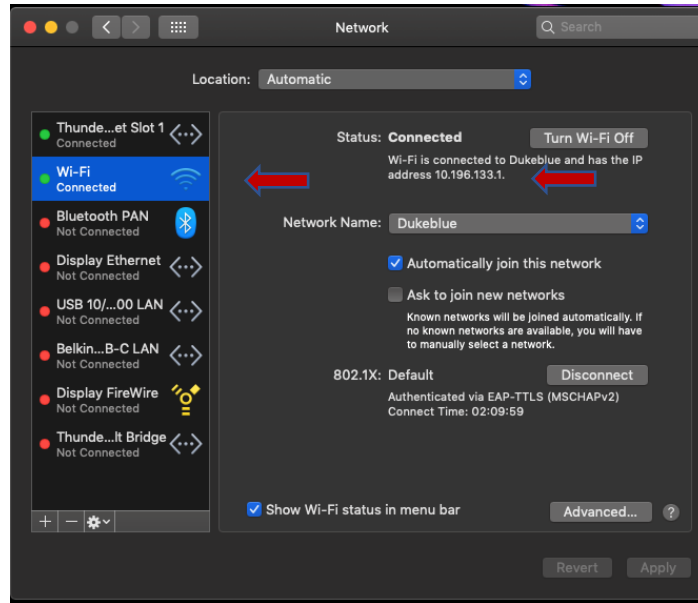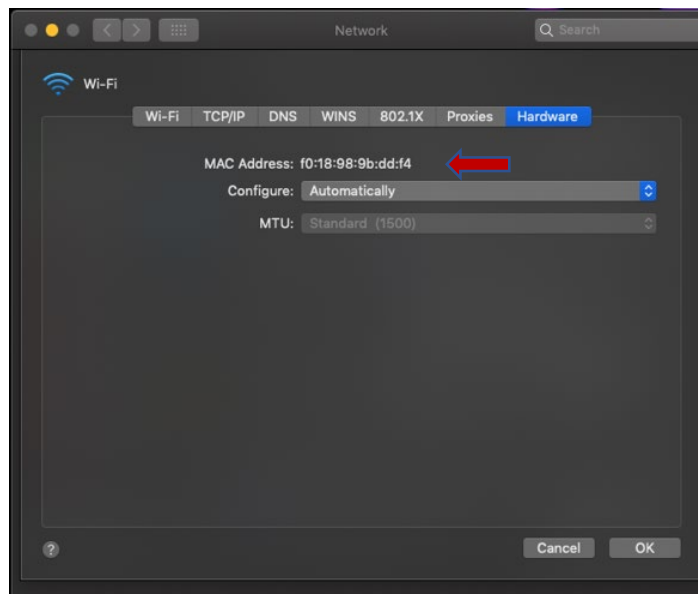
2. Then click "*Network*".

You will find your active interfaces on the left-hand side annotated with a Green dot.
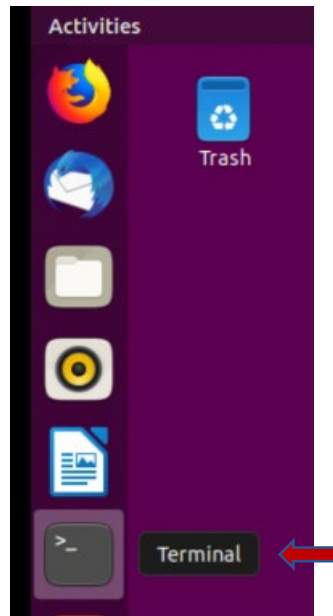
3. **Select the interface and the IP is displayed.**

4. **Choose Advanced > then click on Hardware. Your MAC Address is displayed for that interface.**

Linux Terminal (Ubuntu):

1. **Click on Terminal Icon.**

2. **Find Hostname: Type "*hostname*" and hit enter.**


```
colin@colin-virtual-machine:~$ hostname
colin-virtual-machine
colin@colin-virtual-machine:~$
```

3. **Find IP and MAC Address: "Type *Ifconfig –a*" and hit enter.**


```
colin@colin-virtual-machine:~$ ifconfig -a
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 172.16.89.129  netmask 255.255.255.0  broadcast 172.16.89.255
        inet6 fe80::368c:186:de78:ba8  prefixlen 64  scopeid 0x20<link>
        ether 00:0c:29:79:0b:cd  txqueuelen 1000  (Ethernet)
        RX packets 304141  bytes 440415483 (440.4 MB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 37107  bytes 2544989 (2.5 MB)
        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 1020  bytes 72093 (72.0 KB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1020  bytes 72093 (72.0 KB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

colin@colin-virtual-machine:~$
```
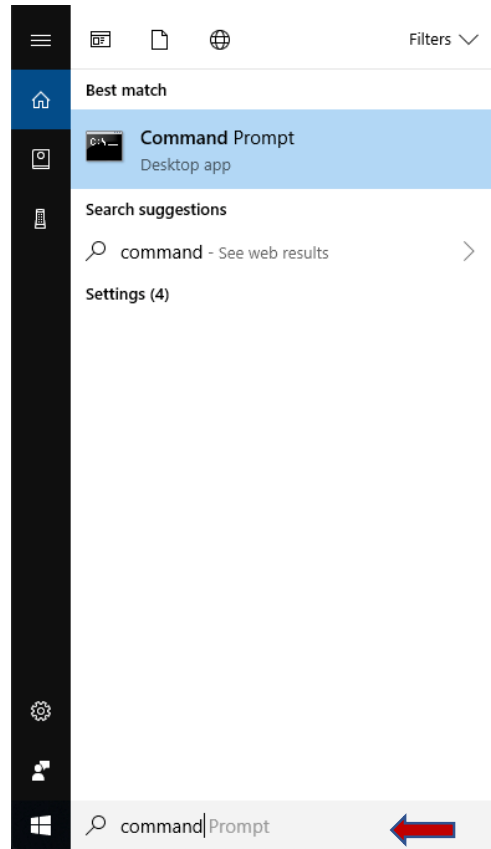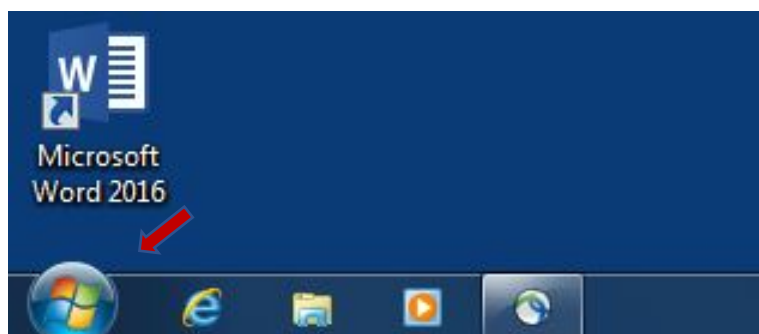
Windows:

Windows 10

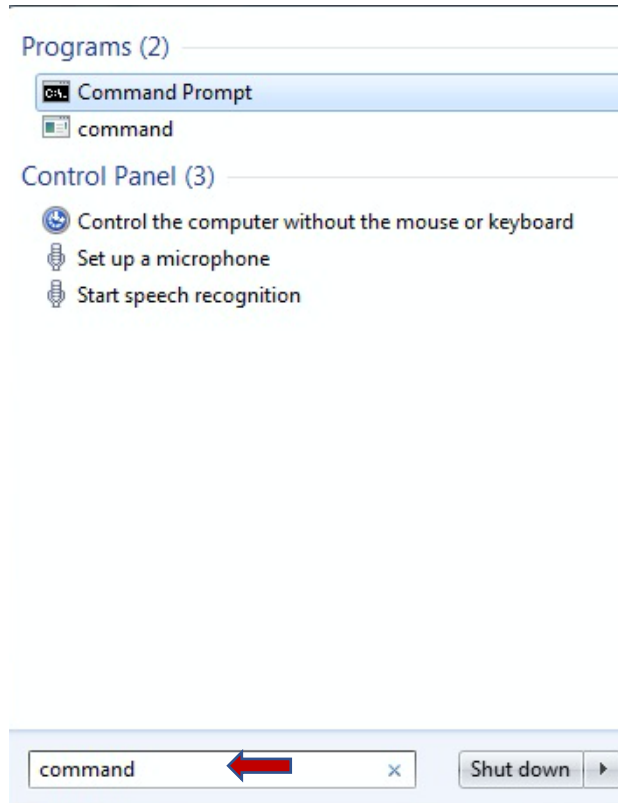1. **In the search bar (lower left corner), type "*command*" and hit enter.**

Windows 7

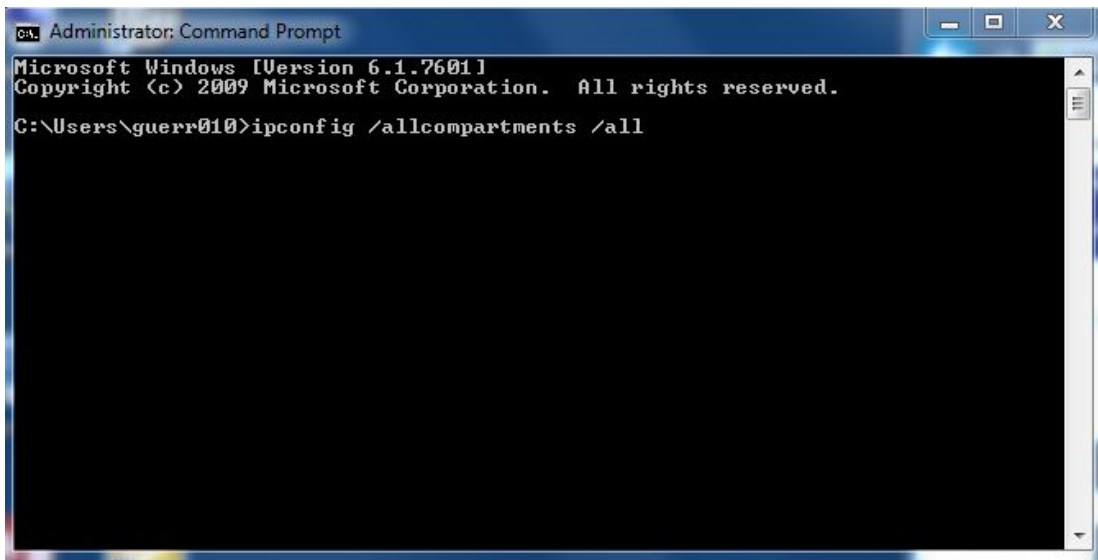1. **Click on the Start button**

2. **When dialog box pops up, type "*command*"**

3. **When the command prompt pops up, type "*ipconfig /allcompartments /all",* and hit enter.**

4. **You will find your Host Name, IP, and Media Access Control (MAC) Address** (a.k.a. **Physical address, or Hardware address) for your active interfaces.**

   Note: Active interfaces will have an IP address

Example of other devices:

Below are examples showing the Media Access Control (MAC) Address (a.k.a. Physical address, or Hardware address) of the device.

Humidity device

IP Camera