

Questions, Issues,
Concerns, Suggestions
Welcome at any time
Even Now



Sun City Computer Club

Cyber Security SIG

March 21st, 2019

- Cyber Security SIG March 21 2019

Audio Recording In Progress

**Audio recording available at link
shown above**

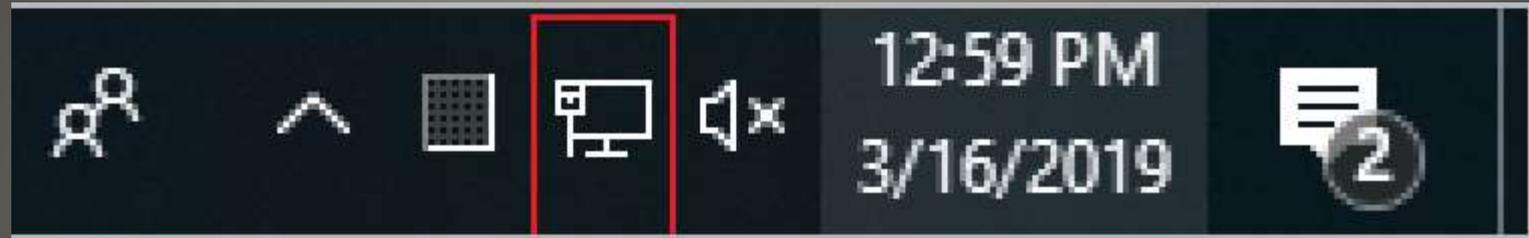
- Windows 7 & Chrome Gvnmt
- Windows Defender Application Guard
- Citrix
- Car alarms
- Windows uninstalling updates
- Marriott and Congress
- Android anti-virus
 - 250 in store
 - 80 detected 30% or more

Current Events



- DARPA e-voting
- WinRAR

Current Events



Home Router

 Network 2
Connected

 Wi-Fi
Turned off

Turn Wi-Fi back on

Manually 

Network & Internet settings
Change settings, such as making a connection metered.

 Wi-Fi	 Airplane mode	 Mobile hotspot
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Settings

Home

Find a setting

Network & Internet

Status

Wi-Fi

Ethernet

Dial-up

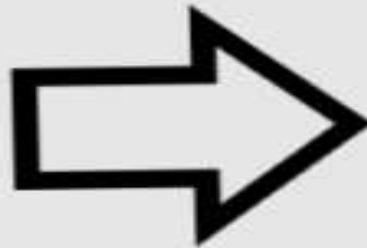
VPN

Airplane mode

Mobile hotspot

Data usage

Proxy



Ethernet

Ethernet

Network
Connected

Network 2
Connected

Related settings

[Change adapter options](#)

[Change advanced sharing options](#)

[Network and Sharing Center](#)

[Windows Firewall](#)

Have a question?

[Diagnose network connection issues](#)

[Get help](#)

Network Connections

Navigation icons: back, forward, up, down, refresh, search. Address bar: << Net... >> Network Con... Search Network Connections

Organize

 Ethernet Network
Realtek PCIe GBE Family Cont...

 Ethernet 4
Network cable unplugged
TAP-NordVPN Windows Ada...

 VirtualBox Host-Only Network #2
Enabled

 Ethernet 2 Network 2
Realtek USB FE Family Contro...

 Ethernet 5
Network cable unplugged
TAP-ProtonVPN Windows Ad...

 Wi-Fi
Not connected
Realtek RTL8822BE 802.11ac P...

6 items



Network Connections

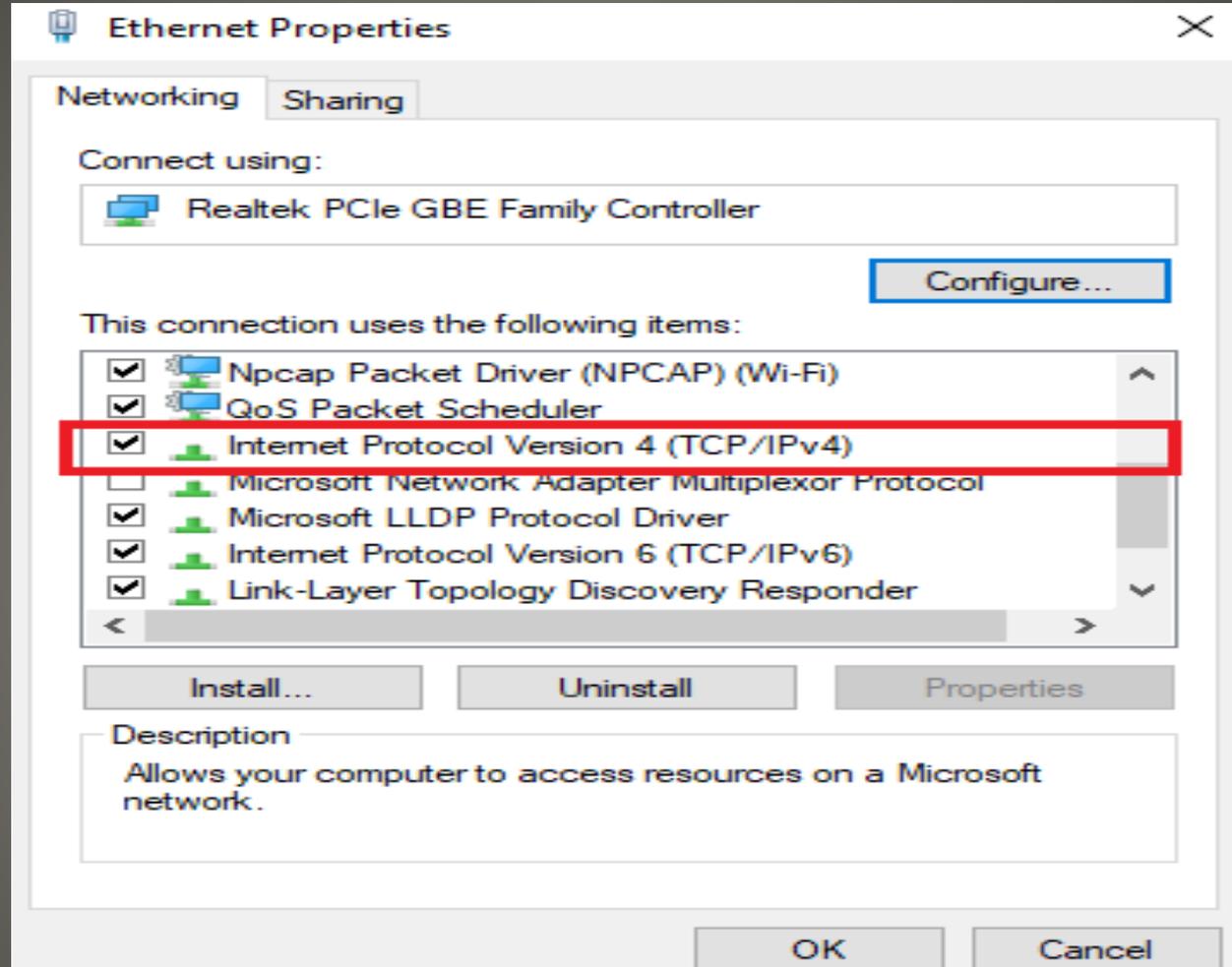
Network and Internet > Network Connections

Organize Disable this network device Diagnose this connection >>

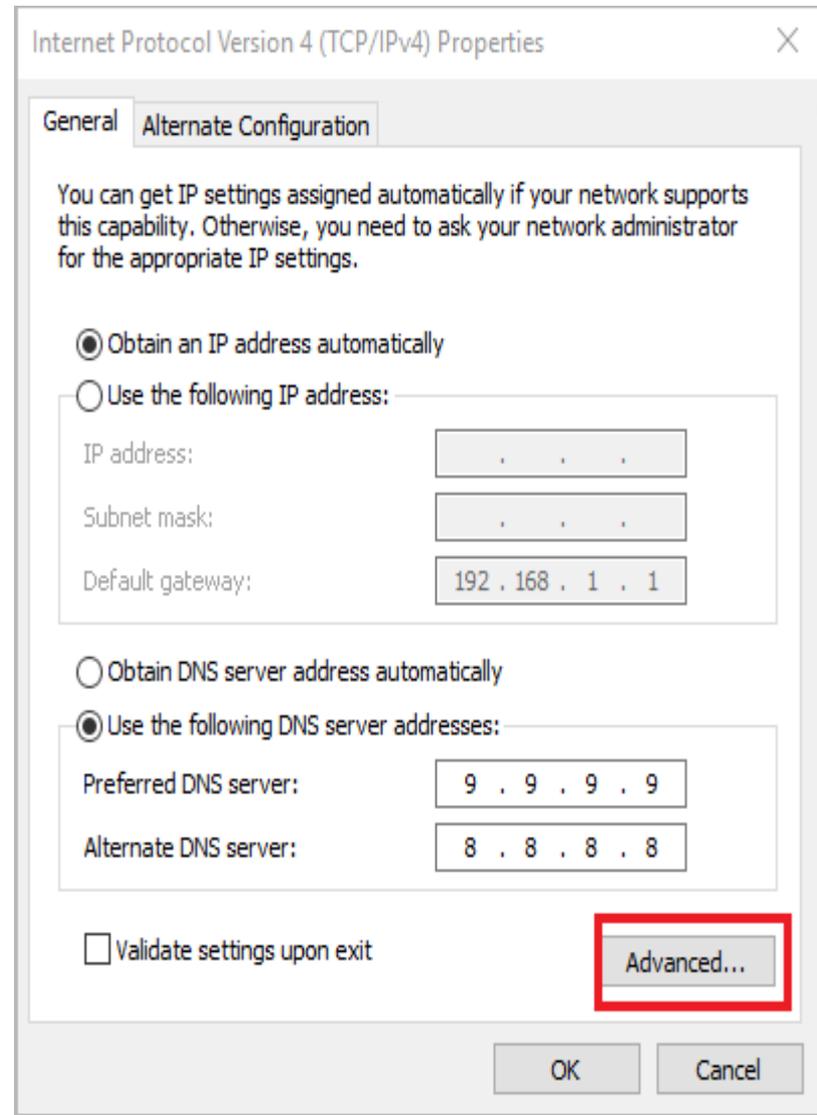
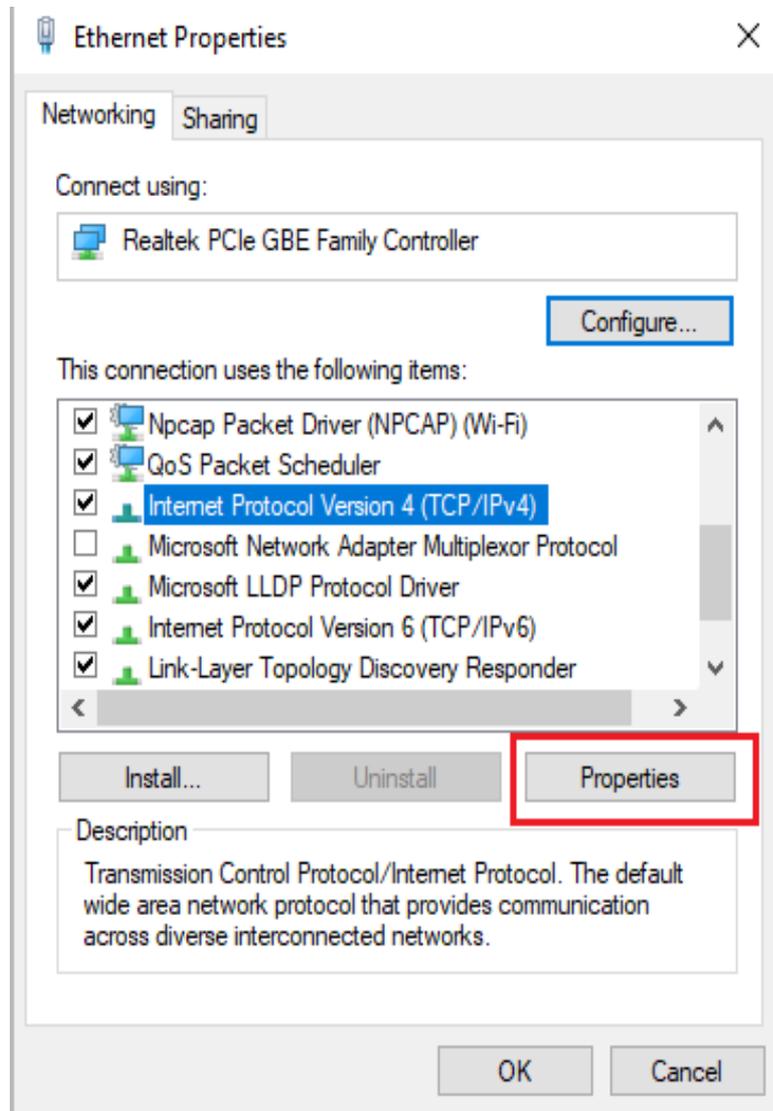
- Ethernet
Network
Realtek PCIe GBE Family Controller
- Ethernet 2
Network
Realtek USB Ethernet
- Ethernet 4
Network cable unplugged
TAP-NordVPN Windows Adapter
- Ethernet 5
Network cable unplugged
TAP-ProtonVPN Windows Adapter
- VirtualBox Host-Only Network #2
Enabled
- Wi-Fi
Not connected
Realtek RTL8822BE 802.11ac PCIe

- Rename this connection
- View status of this connection
- Change settings of this connection





After Administrator Credentials!!



Advanced TCP/IP Settings



IP Settings

DNS

WINS

IP addresses

IP address

Subnet mask

DHCP Enabled

Add...

Edit...

Remove

Default gateways:

Gateway

Metric

192.168.1.1

Automatic

Add...

Edit...

Remove

Automatic metric

Interface metric:

OK

Cancel

Command Prompt

```
C:\Users\john>ipconfig /all
```

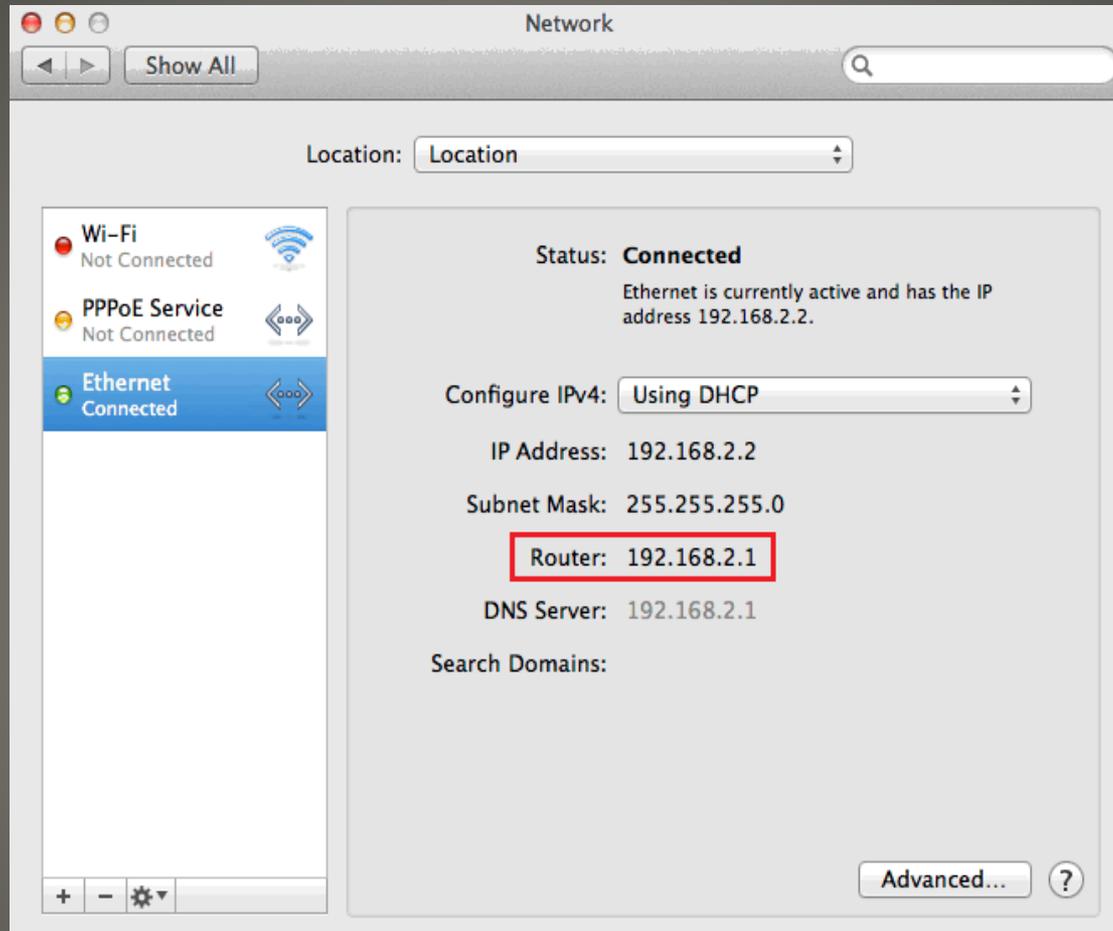
Windows IP Configuration

```
Host Name . . . . . : DESKTOP-VQQR2K
Primary Dns Suffix . . . . . :
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : lan
```

Ethernet adapter Ethernet:

```
Connection-specific DNS Suffix . . :
Description . . . . . : Realtek PCIe GBE Family Controller
Physical Address. . . . . : 10-05-01-46-E6-62
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes
Link-local IPv6 Address . . . . . :
IPv4 Address. . . . . :
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Tuesday, March 12, 2019 6:25:31 PM
Lease Expires . . . . . : Sunday, March 17, 2019 10:10:41 AM
Default Gateway . . . . . : 192.168.1.1
DHCP Server . . . . . : 192.168.1.1
DHCPv6 IAID . . . . . : 152044801
DHCPv6 Client DUID. . . . . :
DNS Servers . . . . . : 9.9.9.9
                        8.8.8.8
                        8.8.4.4
NetBIOS over TcPIP. . . . . : Disabled
```

Windows CMD



MacOS

- Browse to IP address of your router (Default gateway)

<http://192.168.1.1>

<https://192.168.1.1>

- Admin(istrator) logon
- Strong UNIQUE passphrase
- Visit and Understand each setting
- Do Not use vendor's account

Now What?

- Encryption

WPA-3

WPA-2

WEP

Personal PSK

Enterprise

Router Settings

- Firmware update
- Disable SSID broadcast ??
- VLAN segmentation
- Virtual zoning
- Guest network
- Multiple Wireless Access Points
- Media Access Control filtering
- Firewall
- Parental Controls
- Network map
- Suddenlink traffic report
- Smart phone app ???

Router settings

- VPN
- Strong passphrases
- Administrator
- WPA2
- Guest access
- Firmware
- Remote access
- Updates for any/all devices
- 2.4Ghz
- 5 Ghz
- Speed check
- Gaming
- Media Prioritization QoS
- UPnP

Router settings

Online Tools

Support

Online Support

View user guides, tutorial videos, frequently asked questions and more.

[view](#)

Contact Us

Chat, email, call or visit us at our local stores.

[view](#)

Tools

Data Plan Usage

A survey of your monthly data plan usage.

[view](#)

Internet Speed Test

Click here to test your internet speed.

[view](#)

TV Lineup

View the TV channels available in your area.

[view](#)

Antivirus

Panda Antivirus can help protect your devices.

[view](#)

Webspace

Personal Webspace can store up to 250 Megabytes of web content, including pictures and HTML, per user. You can view your personal web pages by going to <http://pages.suddenlink.net/yourvanityname>. You can upload files to your webspace by using an FTP client.

For instructions on how to access your webspace, click [here](#).

Name

URL

Status

Suddenlink Data Plan Usage

Data Plan Summary

Details for Period of 03/08/2019 - 04/07/2019

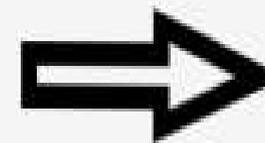
Internet Usage

(As of 11:59 PM local time, 03/14/2019)



Monthly Data Allowance:

Unlimited



More Information

- [Frequently Asked Questions](#)
- [Data Plan Summary](#)
- [Daily Usage Graph](#)
- [Monthly Usage Graph](#)
- [Update Notification Preference](#)

Our data measuring and reporting system is designed to update the information reported on this page every 24 hours. Typically, those updates will be processed and posted to this page each day by or before 9:00 a.m. Central Time, reflecting data usage through approximately 11:59 p.m. local time of the prior day. In those cases where a new update to this page shows no incremental data usage in the 24 hours since the last update, one of two conditions apply: either (a) there was no incremental data usage in that time period; or (b) the transmission of daily data usage (from our counter to this page) was delivered too late to be deemed useful to the customer and was thus not counted and not applied to the customer's data usage total.

- Tortoise and Hare
- Chicken Little

Computer Club, Help Center, SIGs,
Presentations, FirstTime
Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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