Carnegie Mellon University Qatar

Remote learning tools

For students

Remote learning tools

- Zoom videoconferencing
  - For lectures, office hours, group work
- Virtual Qatar
  - For remote access to cluster systems
- Files.Qatar
  - Access Network Drives from a browser
- VPN (virtual private network)
  - For access to campus resources (network drives, library resources, etc.)
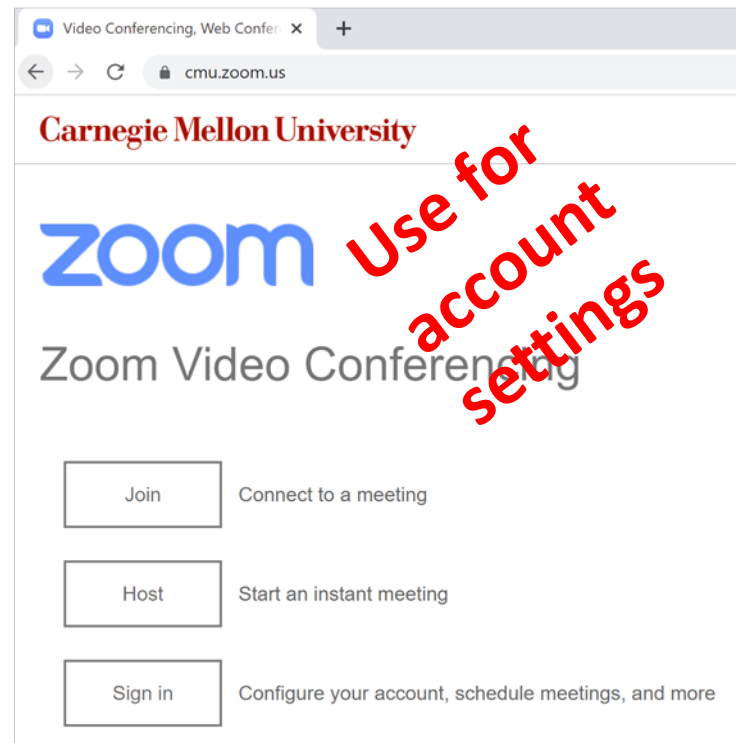
Zoom videoconferencing

- Zoom availability (Windows, Mac, iOS, Android)
- Installing Zoom
- Joining a Zoom meeting
- Video conferencing features
- Raising hands, reactions, participating in polls
- Participating in chat
- Sharing screens
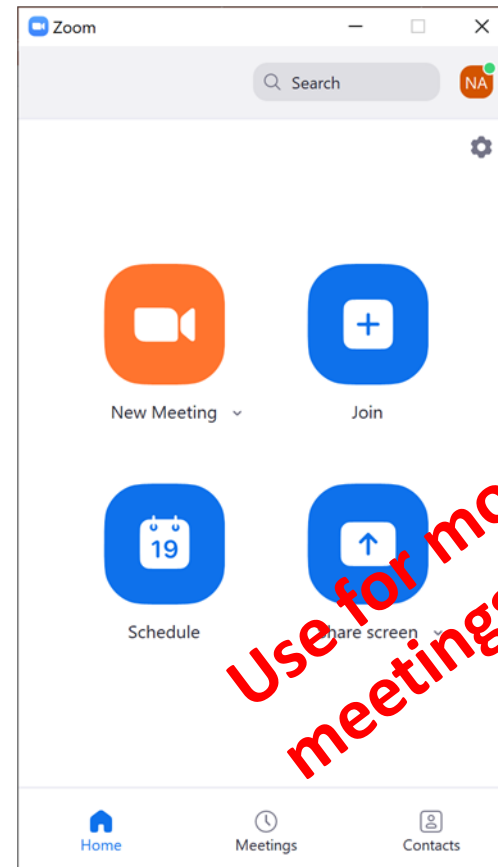- Breakout rooms

Zoom can be used from...

Zoom Web Portal
https://cmu.zoom.us


Use for account settings

You can join/start Zoom meeting through a web browser
Recommendation: Whenever possible,
Download the Zoom Client for the best experience
If you

Zoom Client for Meetings

Use for most meetings

Installed on your CMU-Q managed desktops and laptops
Provide best experience for Zoom meetings
Sign in with SSO

"Zoom Cloud Meetings" by zoom.us
(Android & iOS)
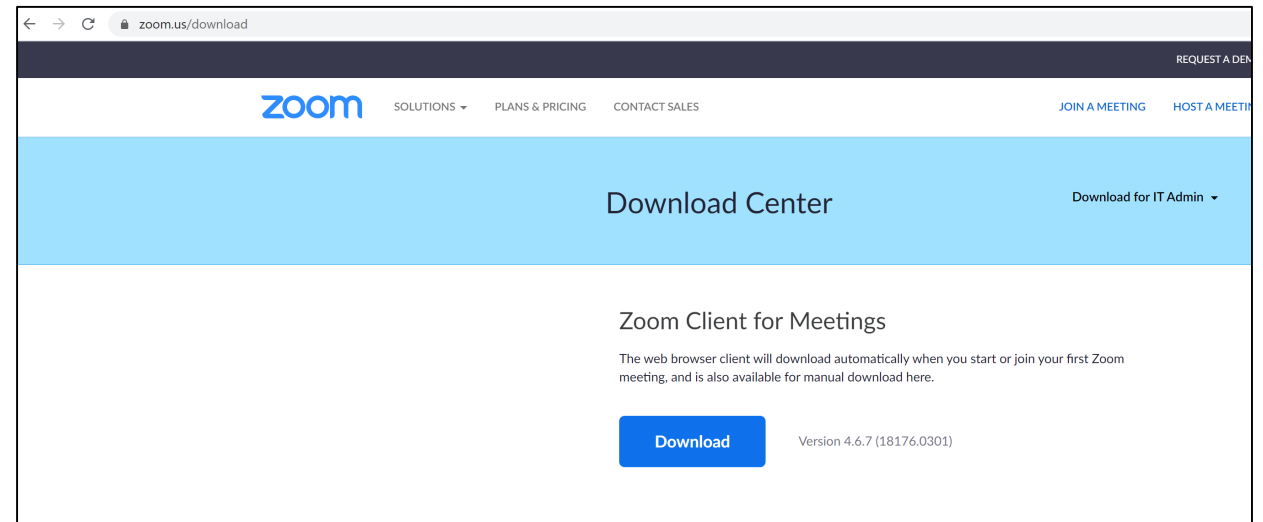

On the Go for participation
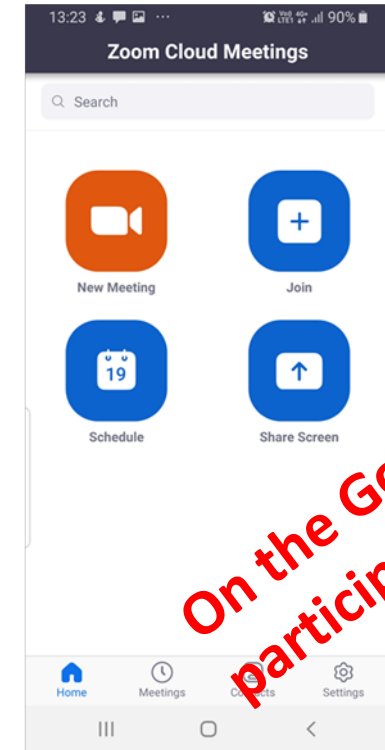
Download from App Store
or Google Play (Optional)
Sign in with SSO

Install Zoom Client for Meetings for your personal Laptop

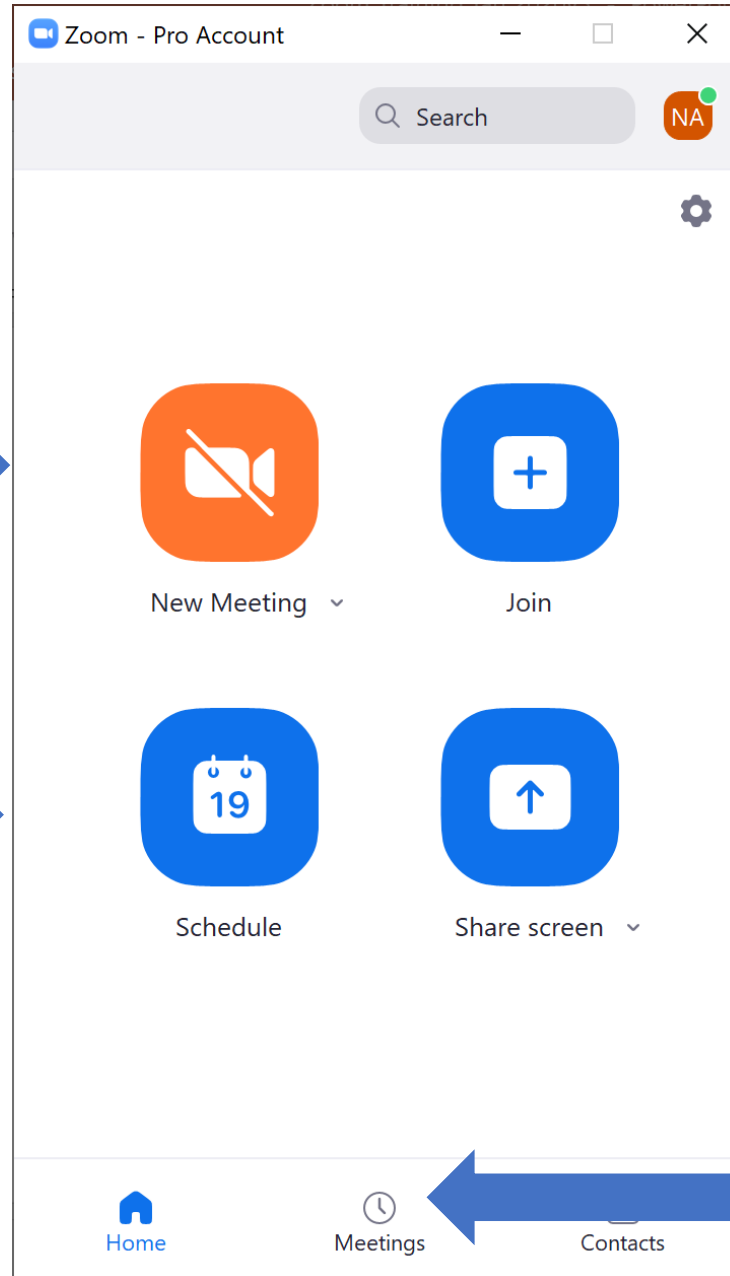Download the "Zoom Client for Meetings" for your computer from the following link: https://zoom.us/download

Zoom Client For Meetings

Profile Picture from Zoom web portal

Application Settings

Start meetings with or without video

Join Meetings by entering Meeting ID

Schedule Meetings

Share Screen

Upcoming and recorded meetings

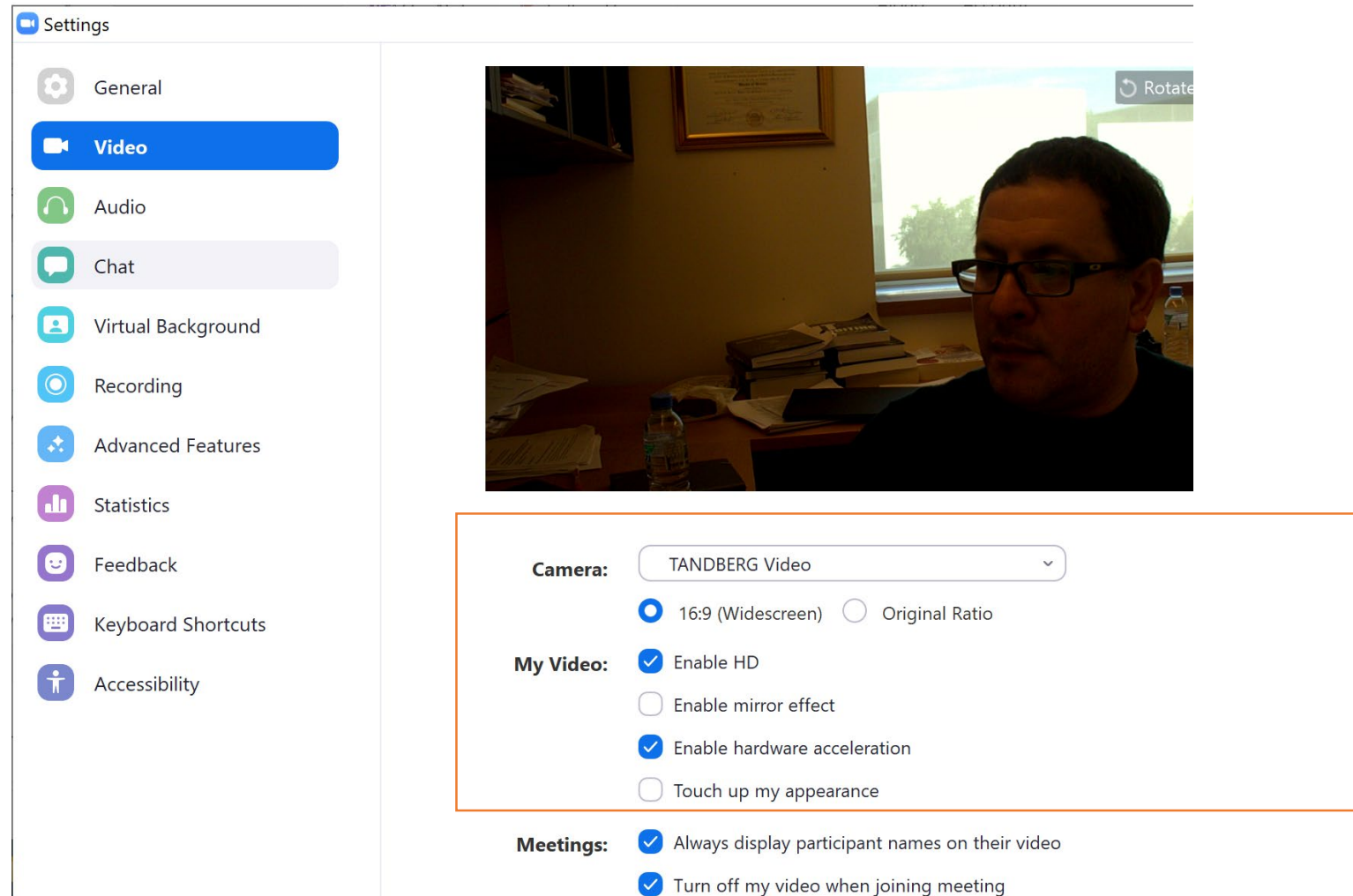Zoom - Pro Account

Search

New Meeting

Join

Schedule

Share screen

Home

Meetings

Contacts

Zoom Client for Meetings Audio Settings
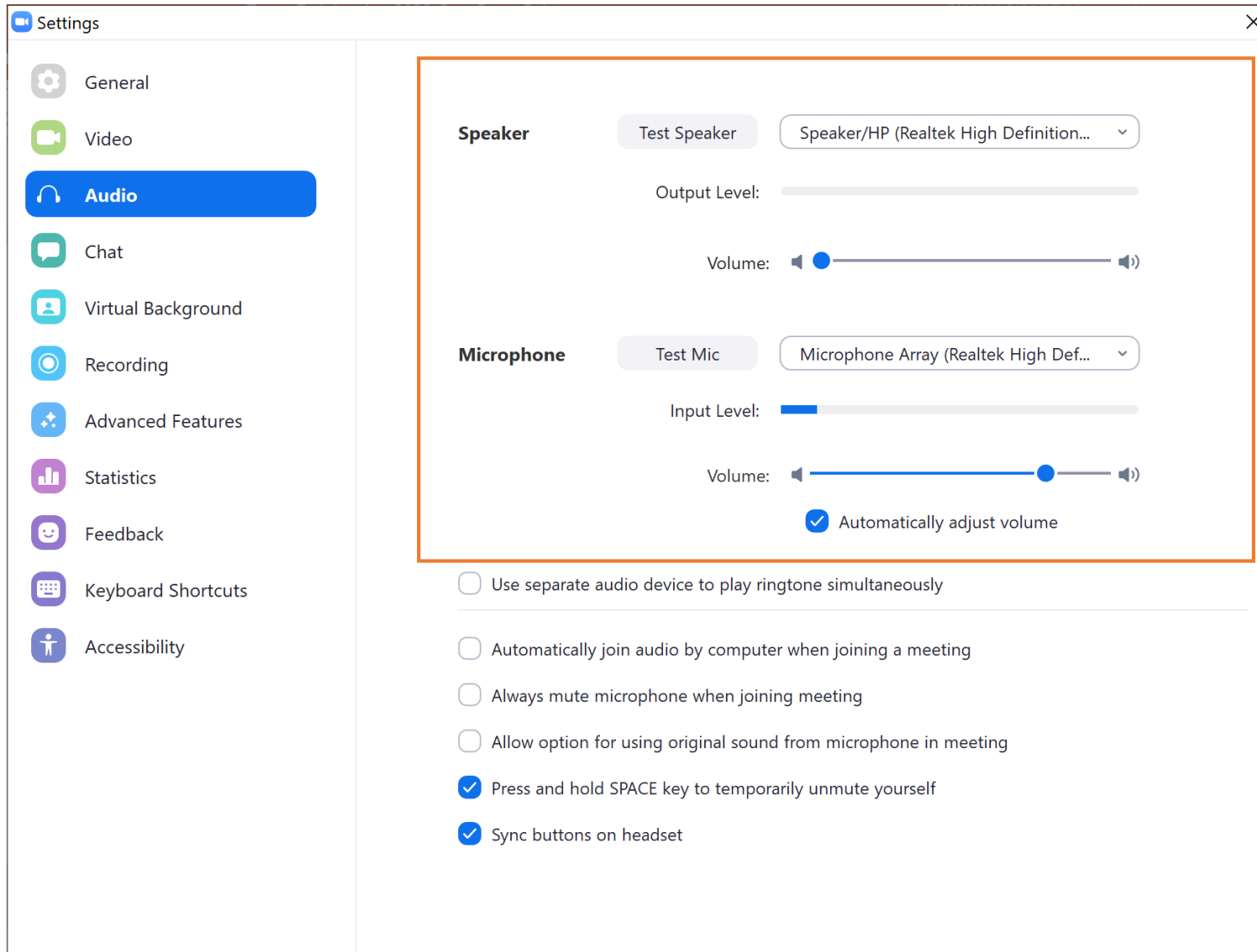
Zoom Client for Meetings Video Settings

Join a meeting

Now, let us all join this meeting:

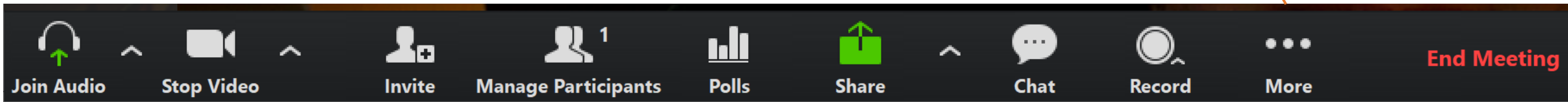**https://cmu.zoom.us/j/824003314**

Meeting ID: 824 003 314

1. From your Zoom client for Meetings or the Zoom Web portal (for now), click on Join
2. Enter the meeting ID and your name
3. Click Join

In Meeting Controls

Test Audio
turn on/off
you mic

Share your screen
Share app
Use whiteboard

Live on Facebook
Live on Workplace by Facebook
Live on YouTube

Breakout Rooms

Join Audio · Stop Video · Invite · Manage Participants · Polls · Share · Chat · Record · More · End Meeting
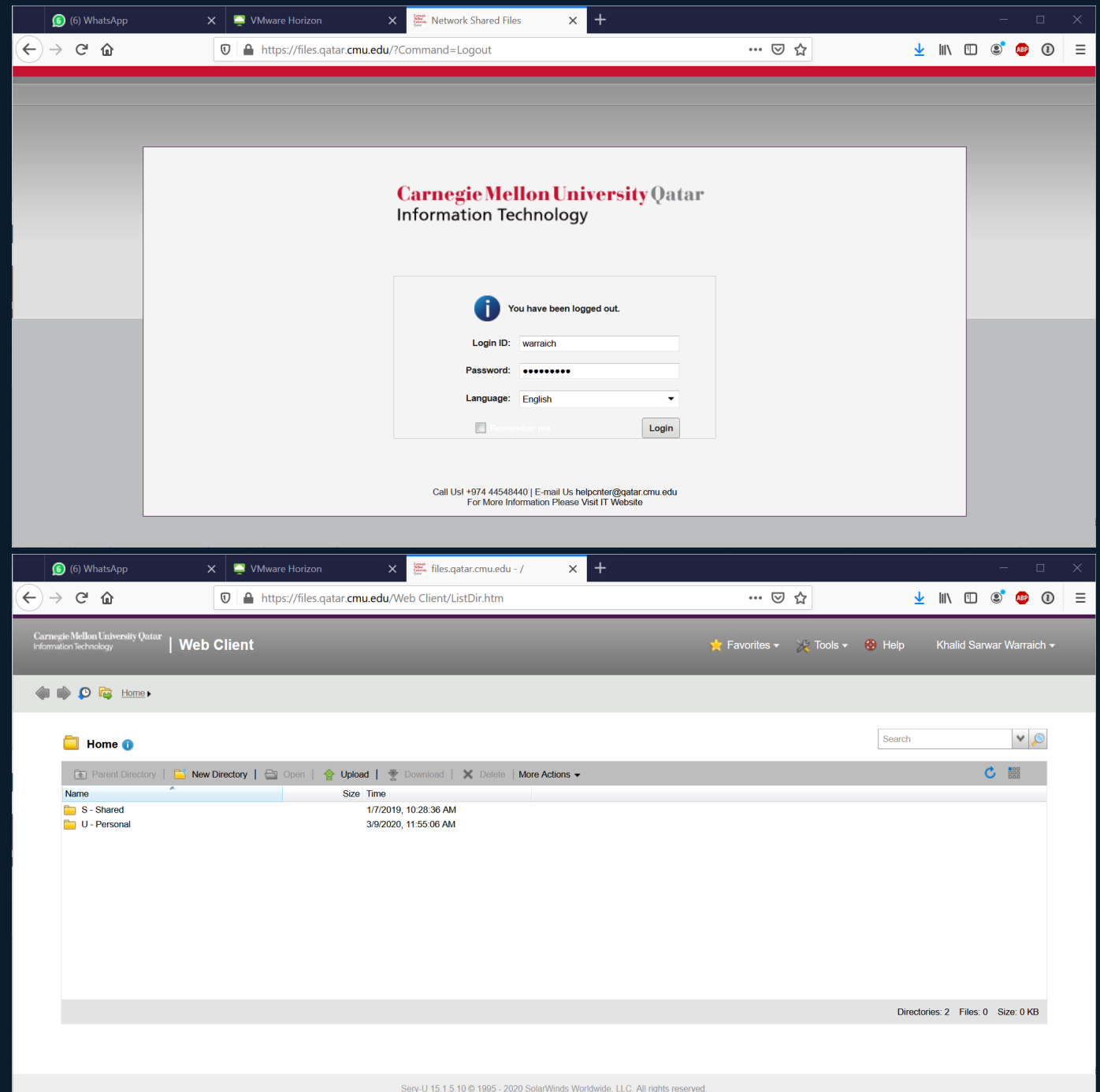
Test Video
Turn on/off
camera

If you are a host:
Mute/unmute
others

Virtual Qatar

- Remote access to computer Cluster
- Same software as a Cluster
- You can access from a web browser
- You can access through an application (you install) on your computer
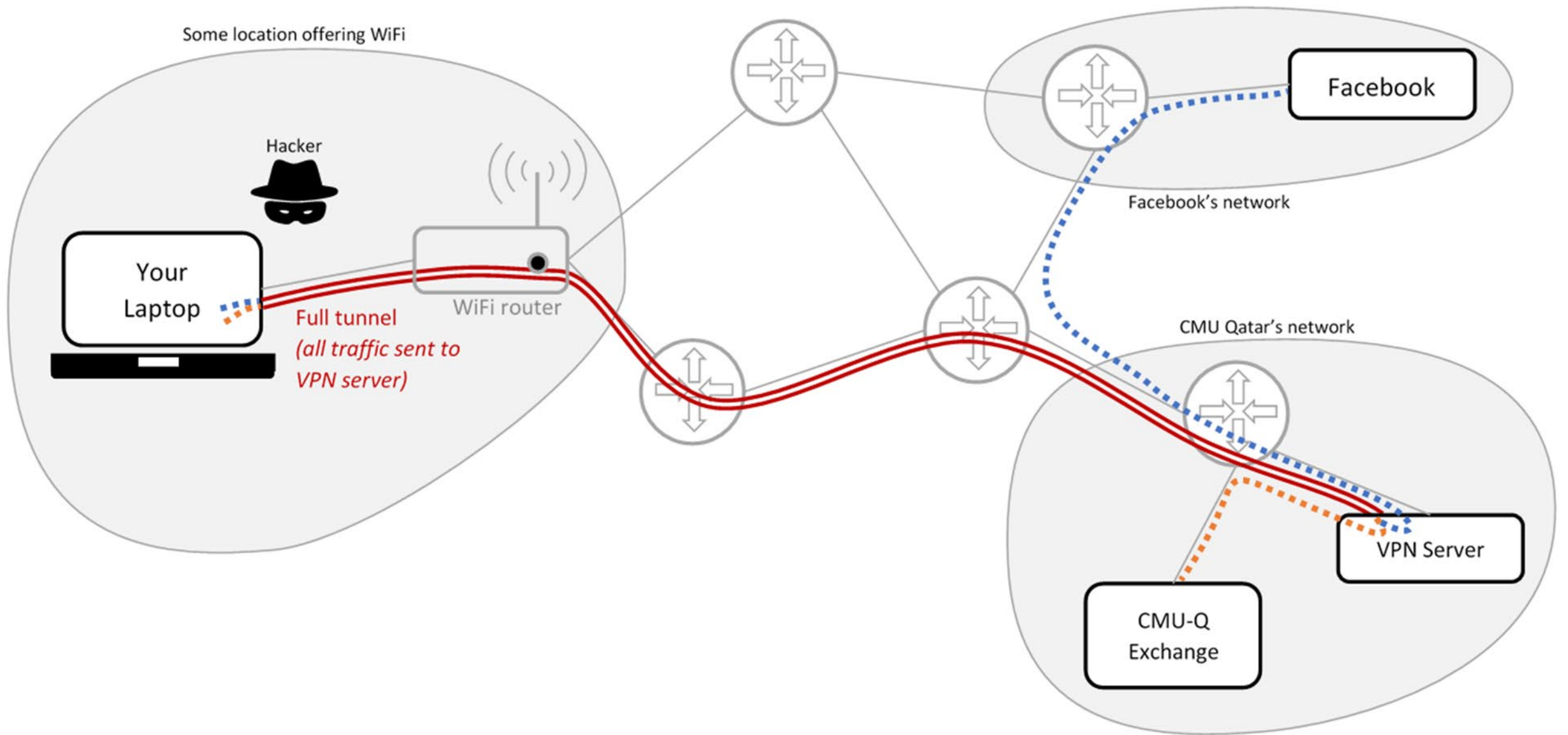- Available at https://virtual.qatar.cmu.edu

Files.Qatar

- Lets you access Network Drives from any web browser
  - S - Shared
  - U - Personal
- Available at
  - https://files.qatar.cmu.edu/

VPN

- What is VPN?

Some location offering WiFi

Hacker

Your Laptop

WiFi router

Full tunnel
(all traffic sent to
VPN server)

Facebook

Facebook's network

CMU Qatar's network

VPN Server

CMU-Q
Exchange

VPN

- What is VPN?
- VPN to Qatar campus
  - vpn.qatar.cmu.edu
  - 1.Fulltunnel(recommended)
- VPN to main campus
  - vpn.cmu.edu
  - Library Resources

VPN Groups (Profiles)

Qatar: *vpn.qatar.cmu.edu*

- Full-Tunnel(Recommended)
  - Encrypts all of your internet traffic including your web browsing and is recommended for most use cases
- Split-Tunnel
  - Encrpts only some of your traffic, and excludes your web browsing, but still providing access to network restricted services (e.g. Network Drives, Secure Print)

Pittsburgh: *vpn.cmu.edu*

- Library Resources VPN
  - access restricted library resources
- General Use Campus VPN
  - access services that are restricted to a campus connection (e.g., Windows file shares, Andrew printing)

Download Anyconnect Client

Windows

Go to https://vpn.qatar.cmu.edu

macOS

Go to https://vpn.qatar.cmu.edu
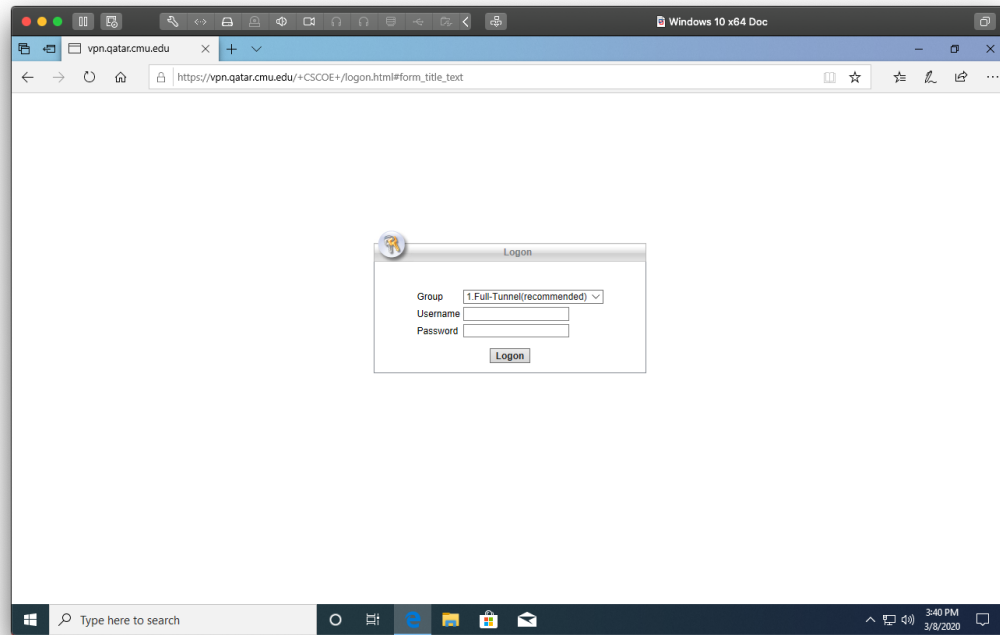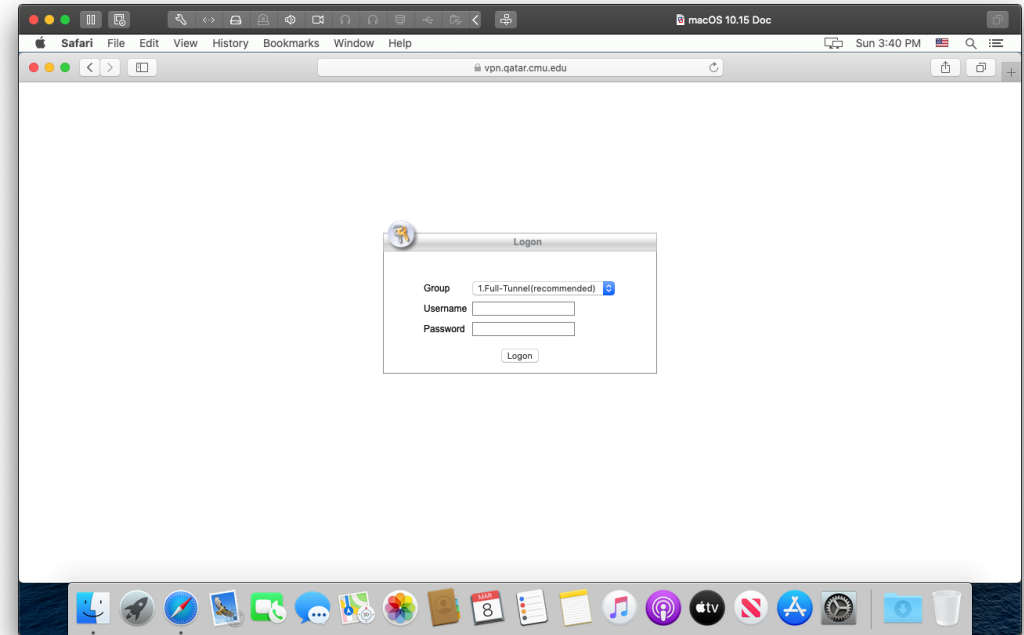
Download Anyconnect Client (Con'd)

Click Download for Windows

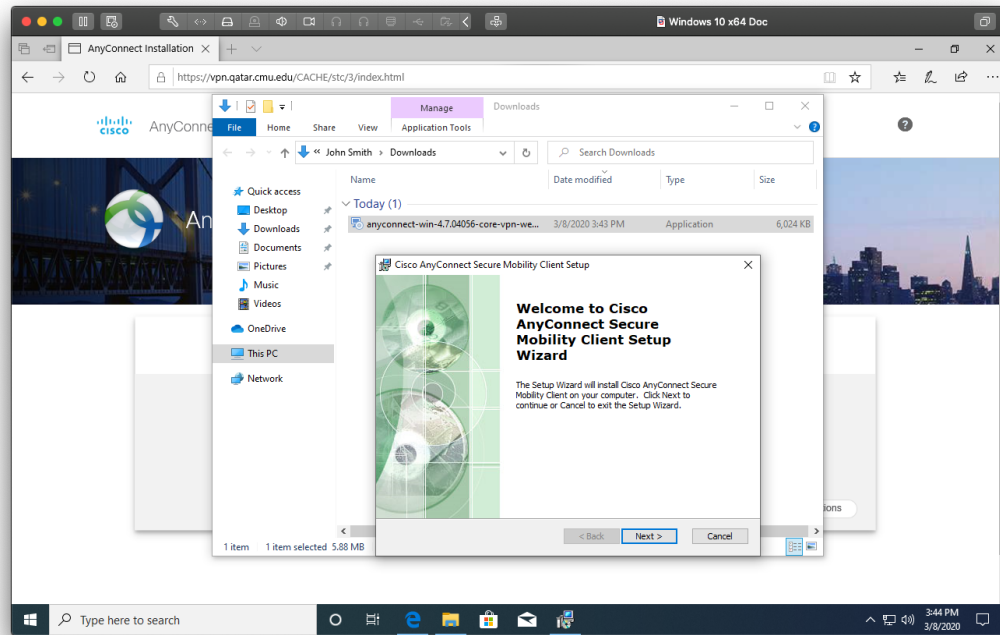Save the file to your Downloads folder
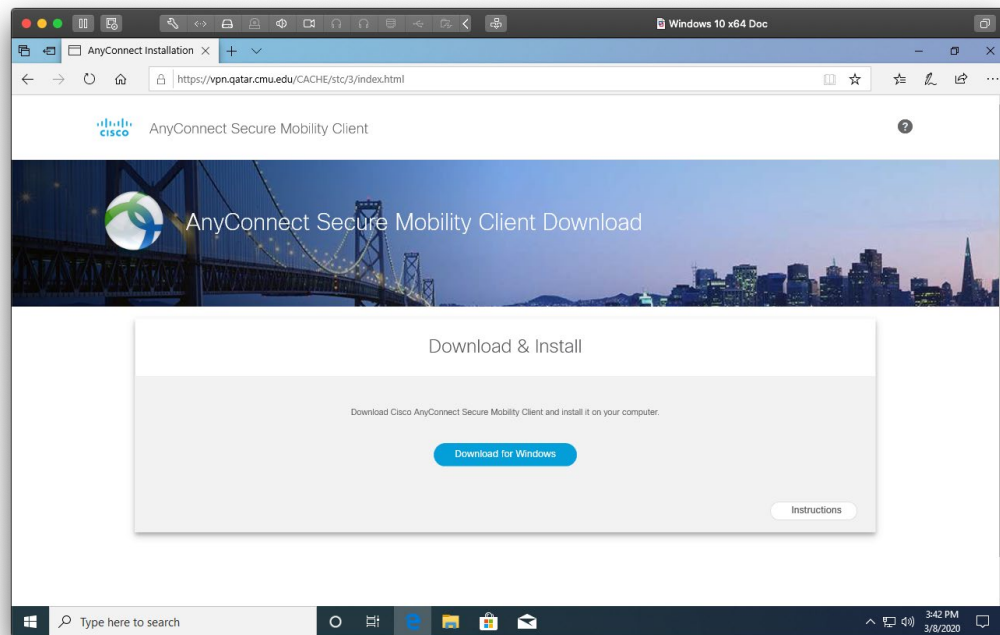
Click Download for macOS

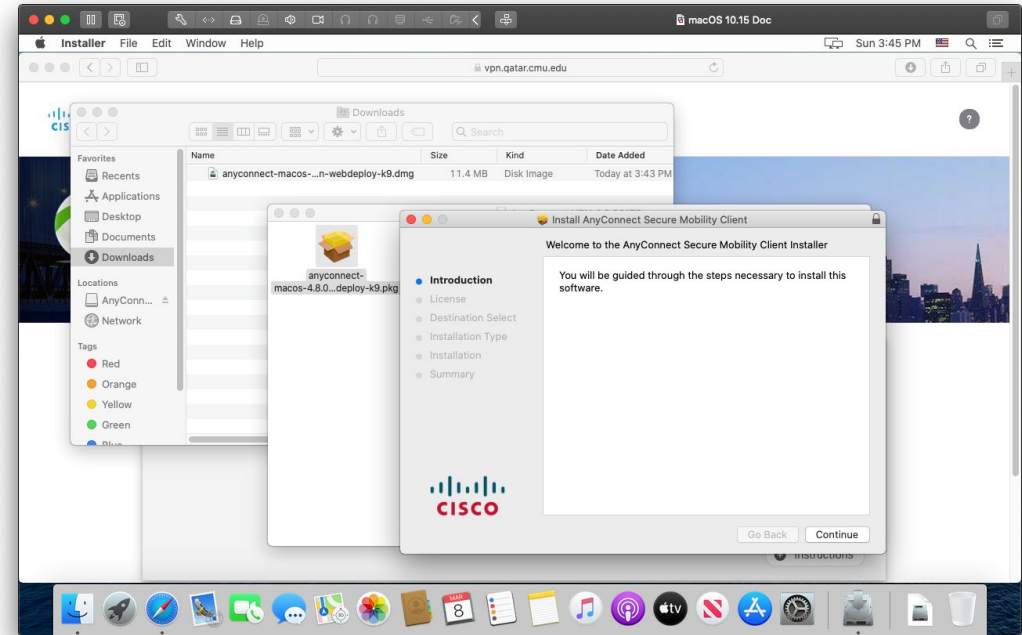Save the file to your Downloads folder
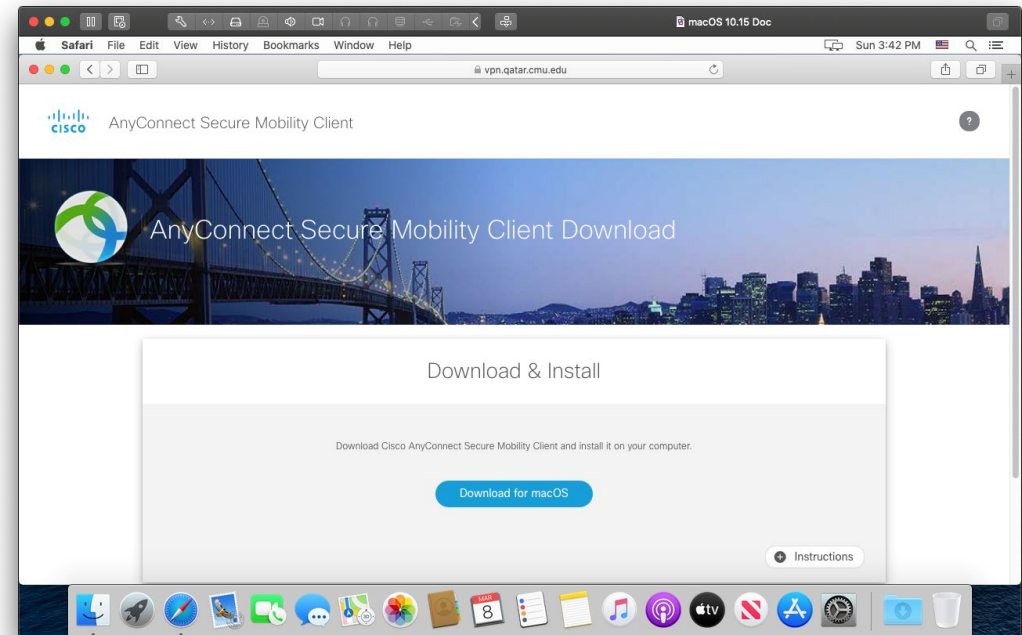
Install Anyconnect Client

Double click the downloaed **exe** file to start install

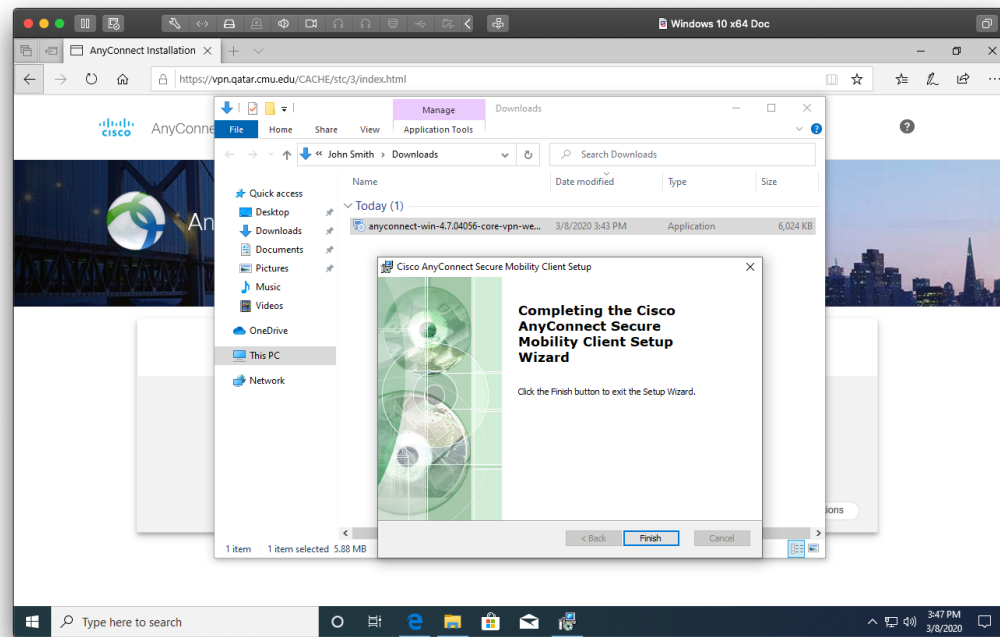Click **Next** and follow the prompts

Double click the downloaed **dmg** file to mount it

Double click the pkg file to start the install
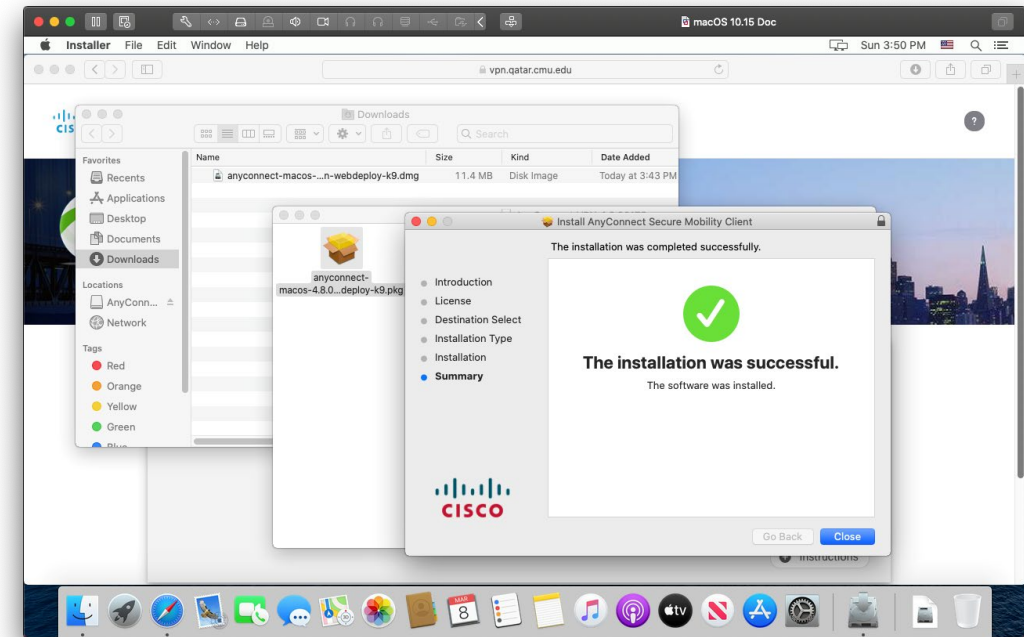
Click **Continue** and follow the prompts

Install Anyconnect Client (Con'd)

Click **Finish** once the installation is done

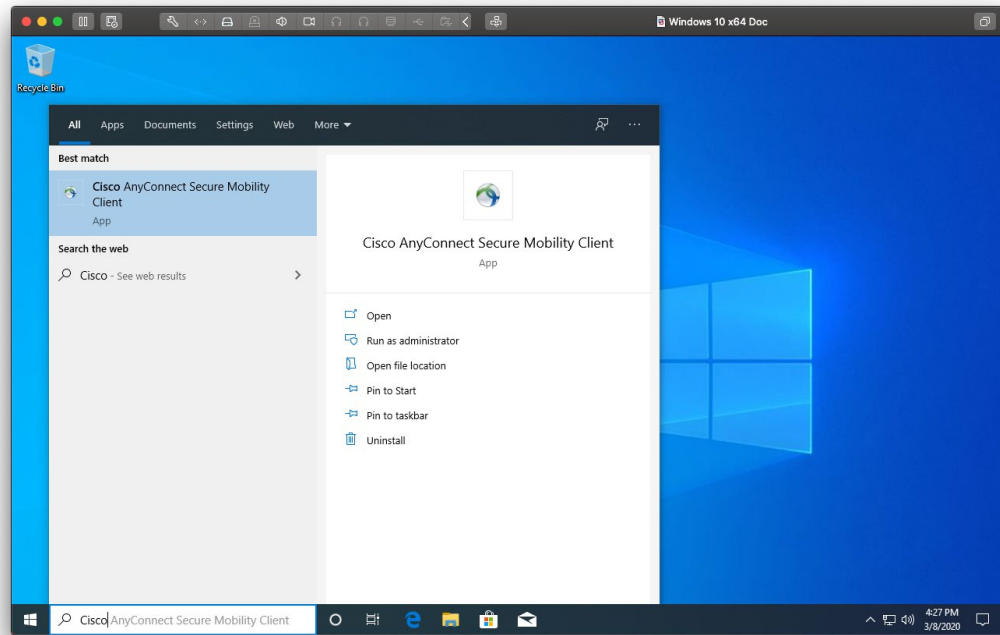Click **Close** once the installation is done

Connect using Anyconnect Client

Open Start menu and search for:

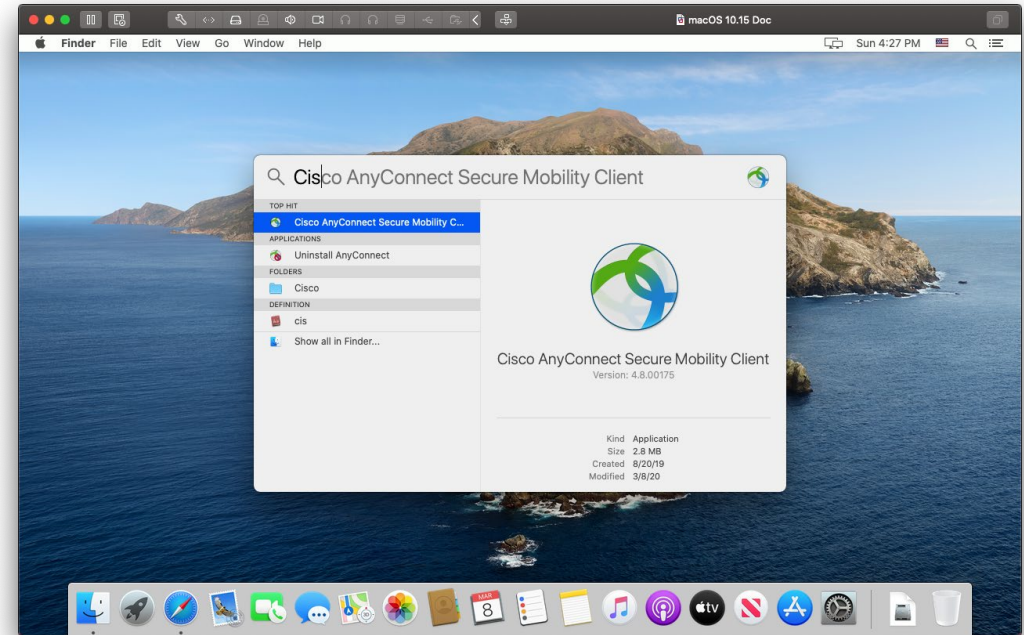Cisco AnyConnect Secure Mobility Client

Hit **return** key to open the app

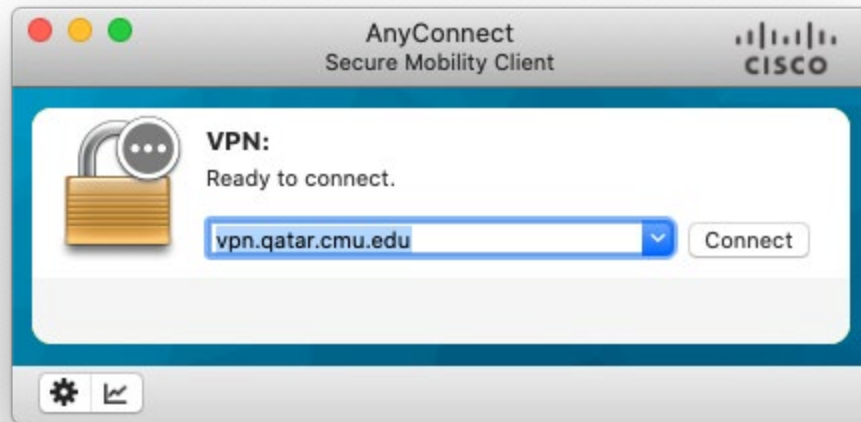Open Stpotlight and search for:

Cisco AnyConnect Secure Mobility Client

Hit **return** key to open the app
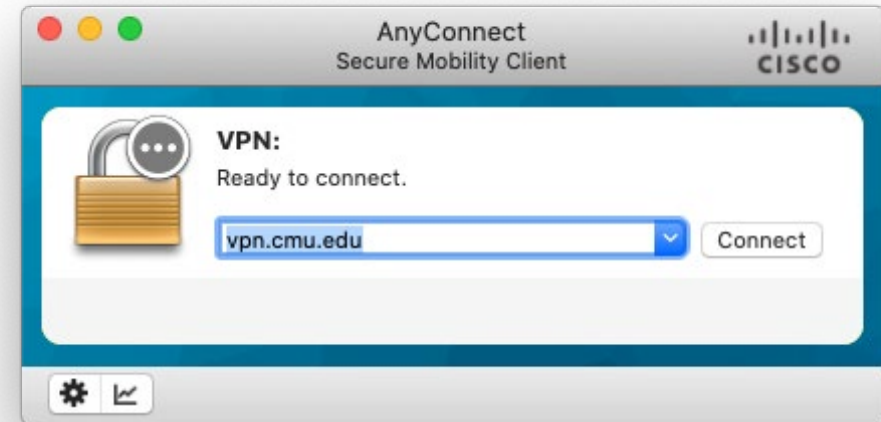
Connect using Anyconnect Client (Con'd)

For Qatar VPNl; enter *vpn.qatar.cmu.edu*

Click **Connect**

For Pittsburgh VPN; enter *vpn.cmu.edu*

Click **Connect**

Connect using Anyconnect Client (Con'd)

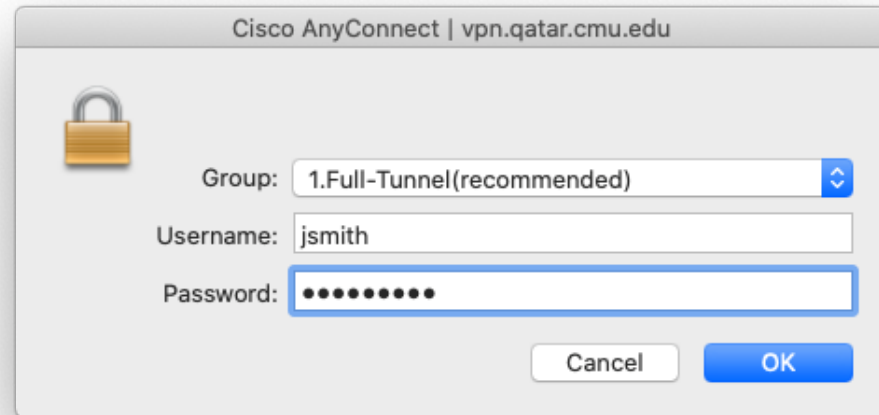For Qatar select either Full or Split Tunnel

Enter Andrew ID and Password

Click **OK**

For Pittsburgh select either Library or General

Enter Andrew ID and Password

Click **OK**

Cisco AnyConnect Secure Mobility Client
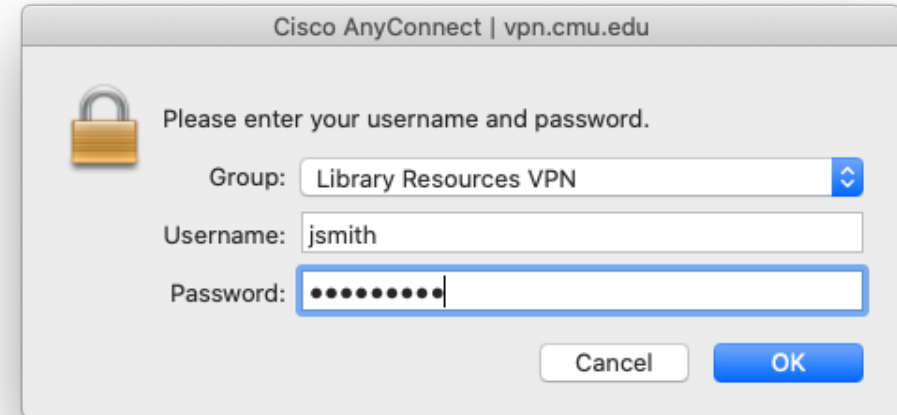
- Also available for iOS and Android

Questions?

IT Service Desk
helpcenter@qatar.cmu.edu
4454-8440

Using brand colors

Use these brand colors

Or the eyedropper to pick from these brand colors