

**2B--CELL PHONE WITH  
"LINK TO WINDOWS" USING USB  
ETHERNET DONGLE TO  
CONNECT CELL PHONE TO  
YOUR LOCAL ROUTER**

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Web location for this  
presentation:

<http://aztcs.apcug.org>

Click on

"Meeting Notes"

# SUMMARY

If your Android cell phone is not near a local Wi-Fi-capable router or mesh device OR the Wi-Fi channels are overcrowded at your location, you can obtain a USB dongle to connect it with an Ethernet cable to your local router.

# TOPICS

- Connecting Your Cell Phone To A Router Using An USB Ethernet Dongle

**"Phone Link" app**  
in **"Windows.."** computer  
connects to  
**Local Router (that has an**  
**Internet connection)**  
which somehow connects to  
**"Link to Windows" app**  
in **Android cell phone**

**"Phone Link" app**

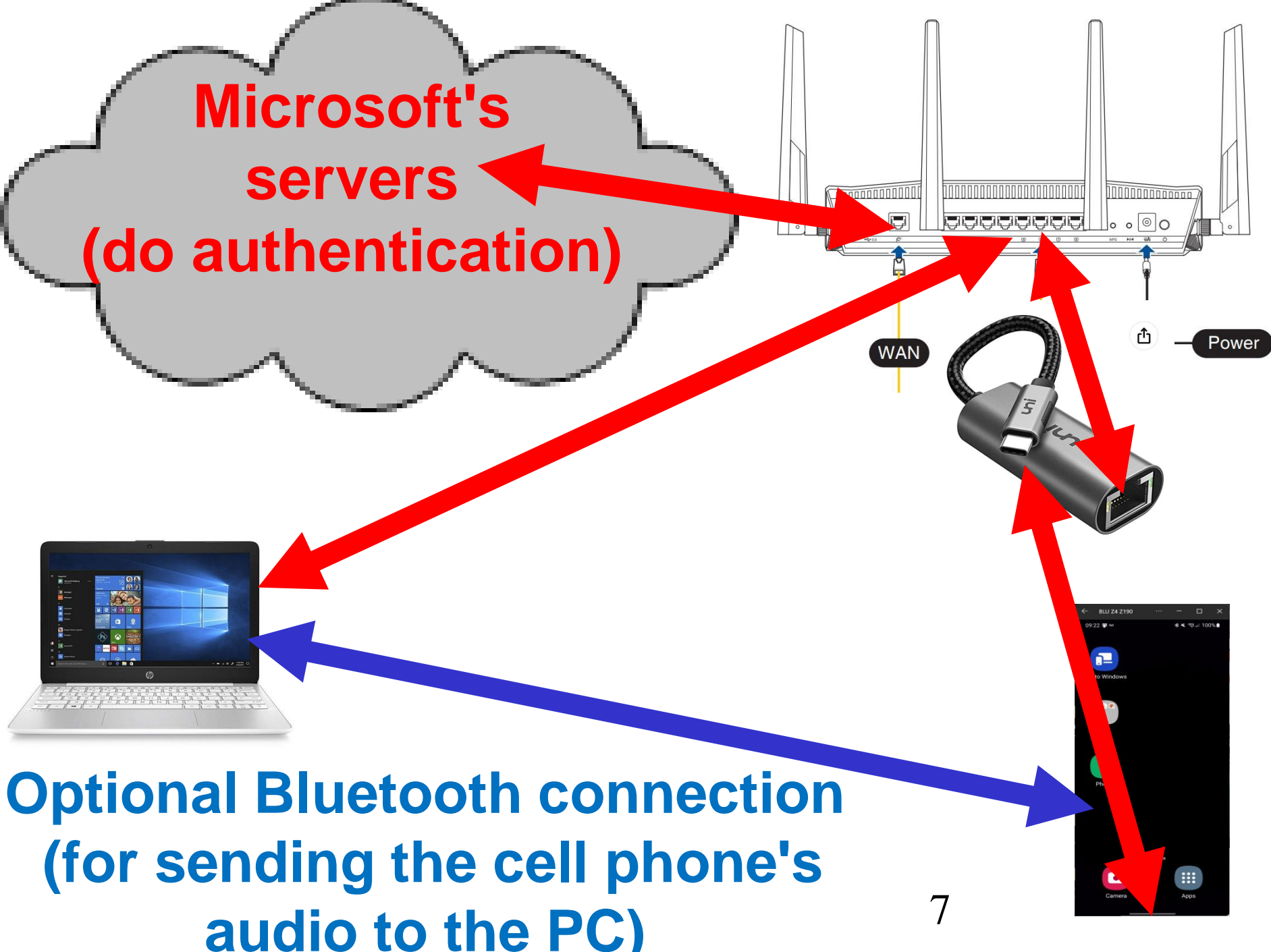
**in "Windows.." computer**  
connects via Wi-Fi  
or wired Ethernet to a  
**Local Router (that has an**  
**Internet connection)**

~~connects via Wi-Fi or wired~~  
Ethernet dongle

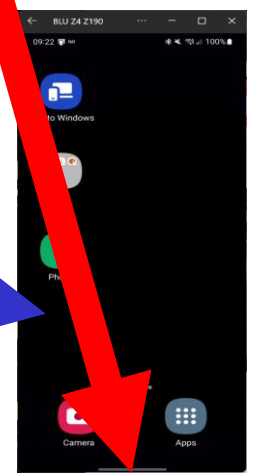
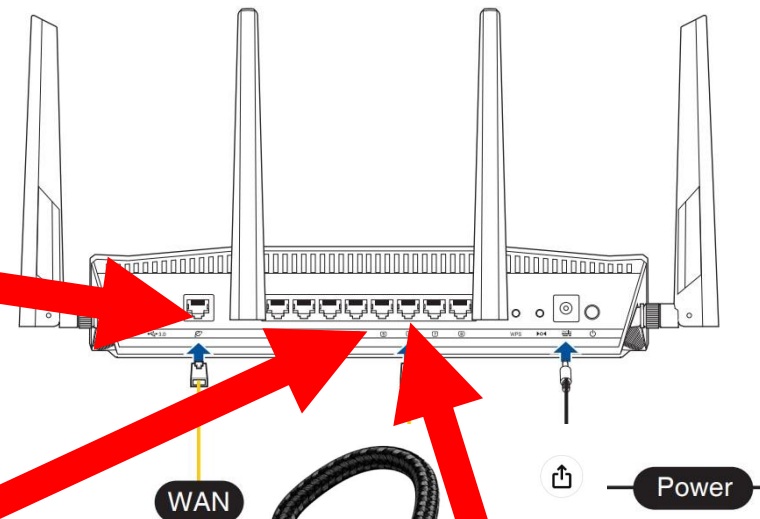
~~or cellular "Data Plan" to~~

**"Link to Windows" app**

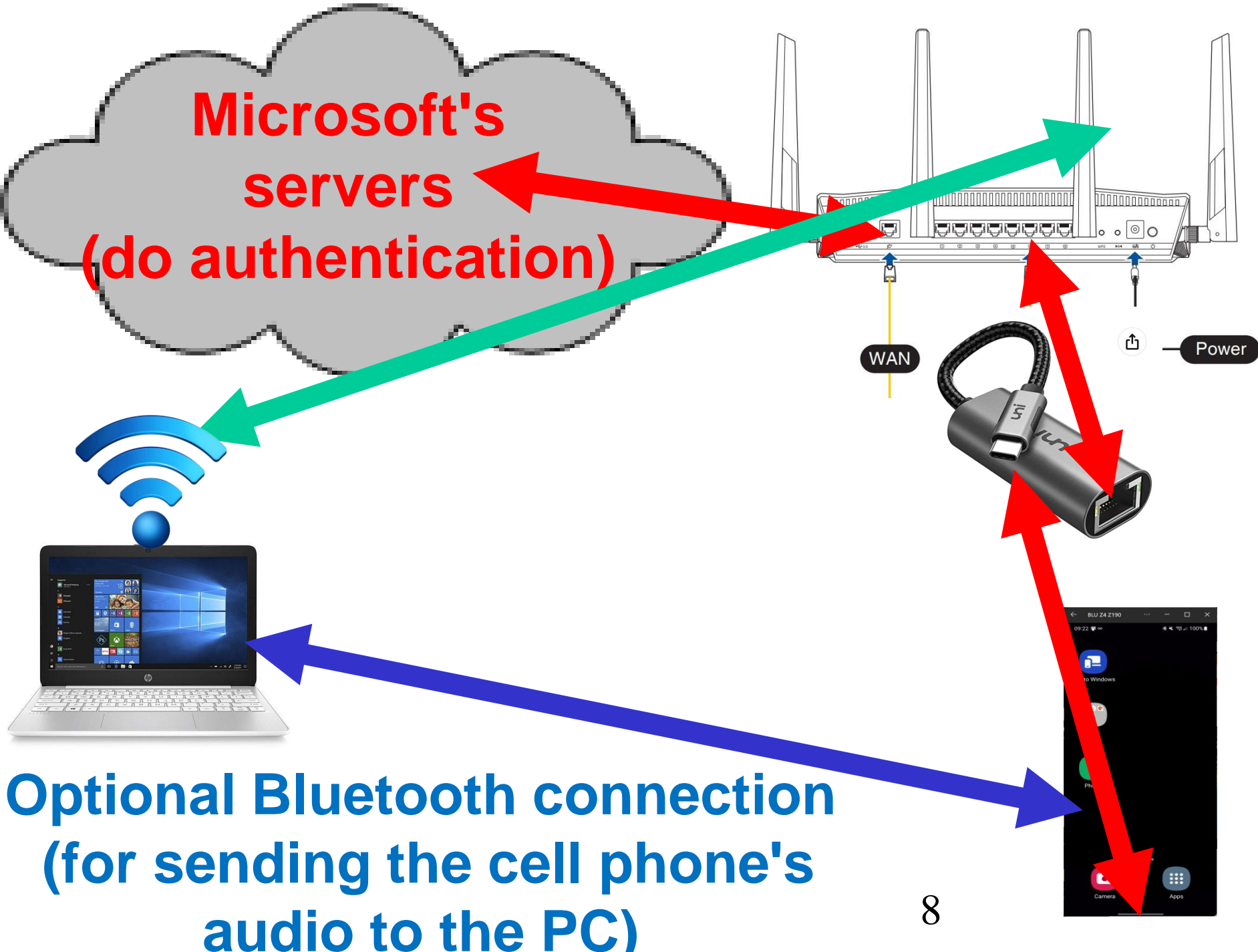
**in Android cell phone**



**Microsoft's servers  
(do authentication)**



**Optional Bluetooth connection  
(for sending the cell phone's audio to the PC)**





# ADVANTAGE OF USING ETHERNET DONGLE FOR AN ANDROID CELL PHONE

- When you provide an Ethernet dongle with a wired connection between your cell phone and your local router, your cell phone does not depend on the Wi-Fi radio connection and its interference to connect the "Link to Windows" app to your Windows 11 or 10 computer

# EXAMPLE OF A WELL-DESIGNED ETHERNET DONGLE FOR AN ANDROID CELL PHONE

- USB C to Ethernet Adapter, uni RJ45 to USB C Thunderbolt 3/Type-C Gigabit Ethernet LAN Network Adapter, Compatible for MacBook Pro 2020/2019/2018/2017, MacBook Air, Dell XPS and More - Gray, Model = UNICE01

# EXAMPLE OF A WELL-DESIGNED ETHERNET DONGLE FOR AN ANDROID CELL PHONE (continued)

- [https://www.amazon.com/Ethernet-Adapter-uni-Thunderbolt-Compatible/dp/B077KXY71Q/ref=sr\\_1\\_7?crid=3Q26Q9585LK70&keywords=UNI+CE01&qid=1654145686&prefix=uni+ce01%2Caps%2C99&sr=8-7](https://www.amazon.com/Ethernet-Adapter-uni-Thunderbolt-Compatible/dp/B077KXY71Q/ref=sr_1_7?crid=3Q26Q9585LK70&keywords=UNI+CE01&qid=1654145686&prefix=uni+ce01%2Caps%2C99&sr=8-7)



★★★★☆ 7,266 ratings

| 291 answered questions

Amazon's **Choice** for "usb c to ethernet adapter"

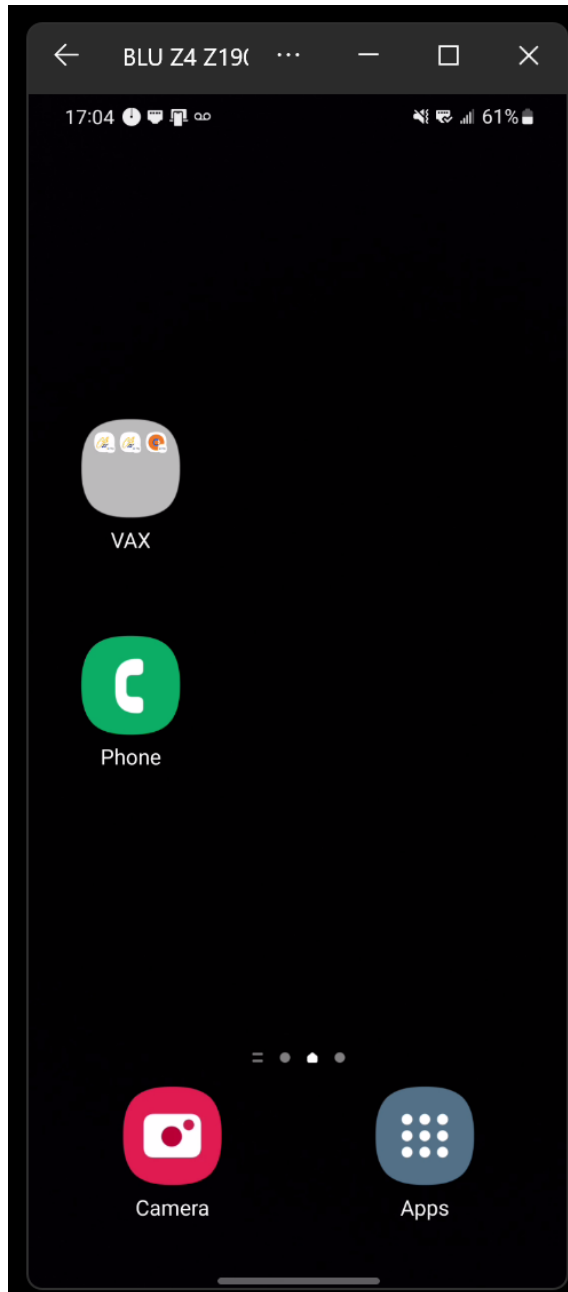
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# EXAMPLE OF A WELL-DESIGNED ETHERNET DONGLE FOR AN ANDROID CELL PHONE (continued)

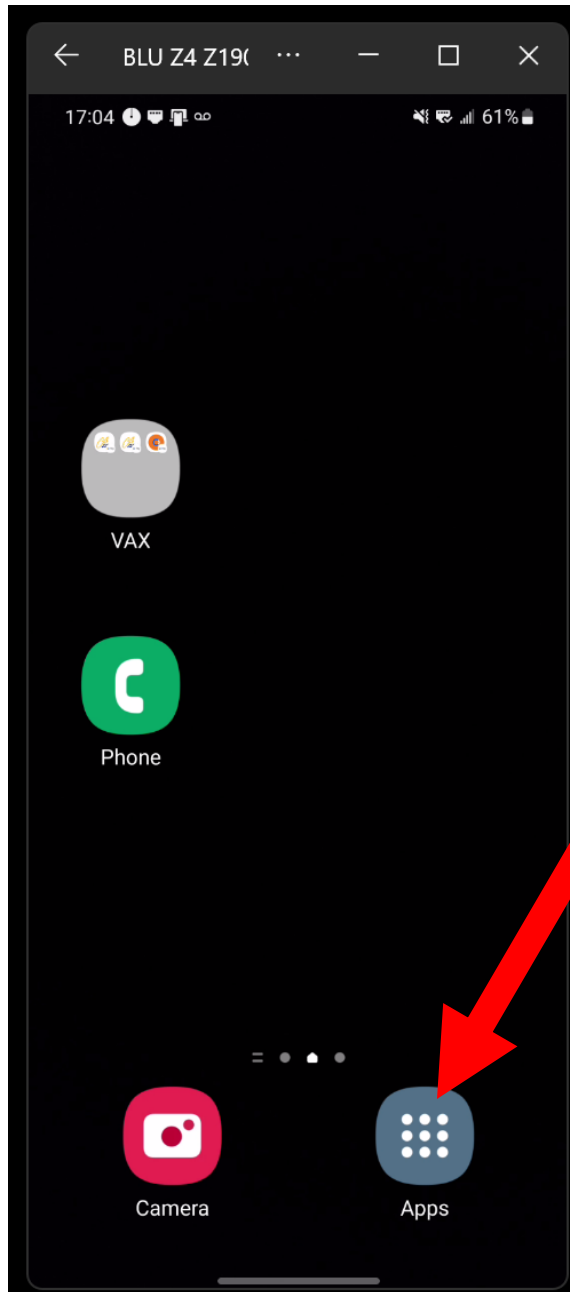
- This model of Gigabit Ethernet dongle has a metal shell that dissipates heat.
- Do not use the cheaper models of Gigabit dongles that have plastic shells: They tend to overheat and fail intermittently.

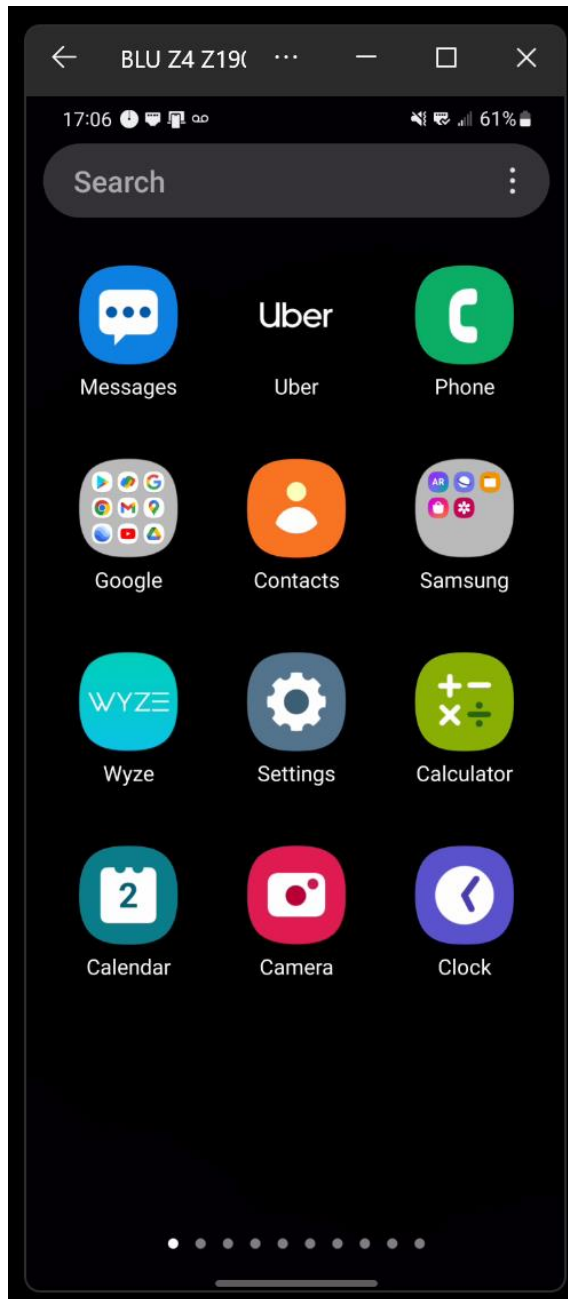
# INSTALLING THE ETHERNET DONGLE FOR YOUR ANDROID CELL PHONE

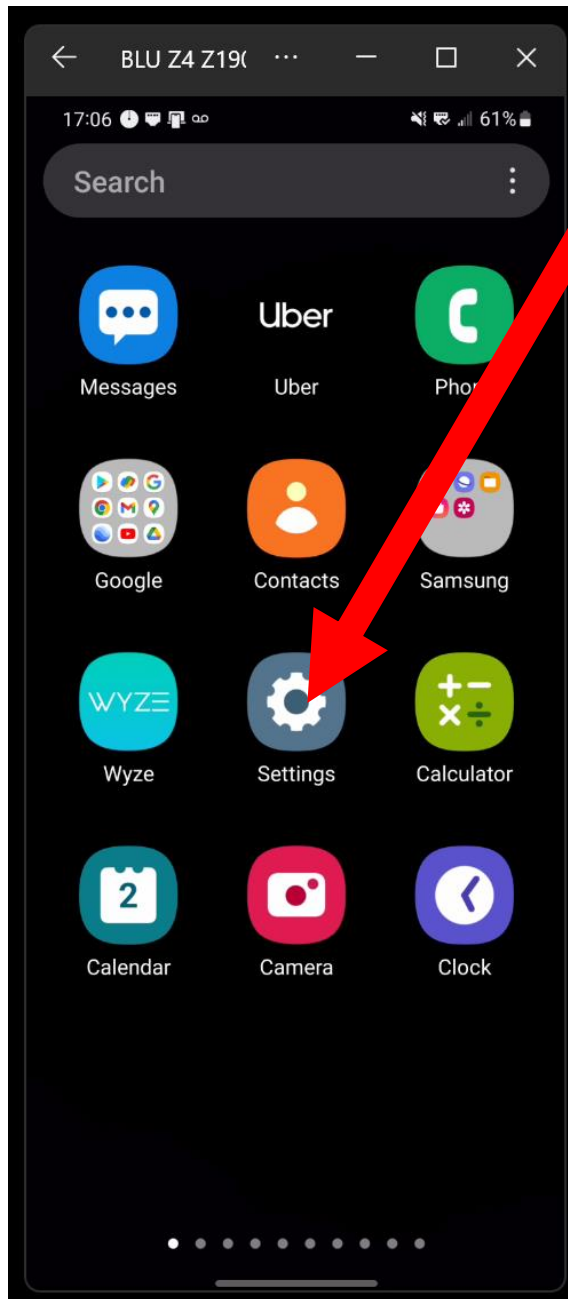
- Attach the Ethernet dongle to the cell phone
- Run an Ethernet cable from the Ethernet dongle to your local router
- Get into "Settings" in the cell phone:





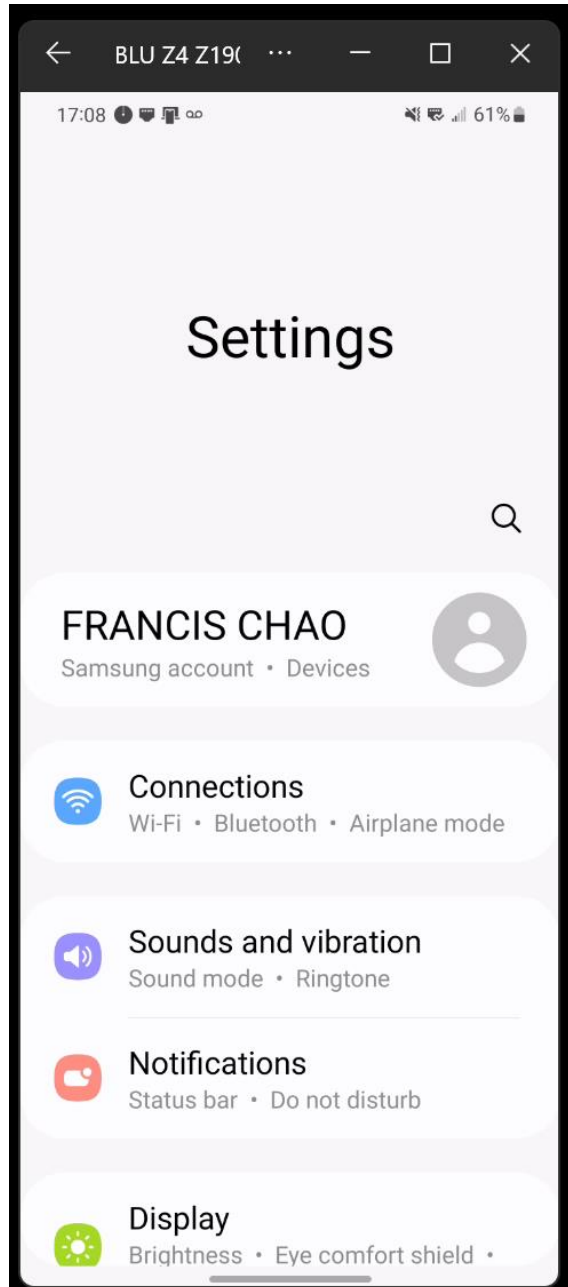


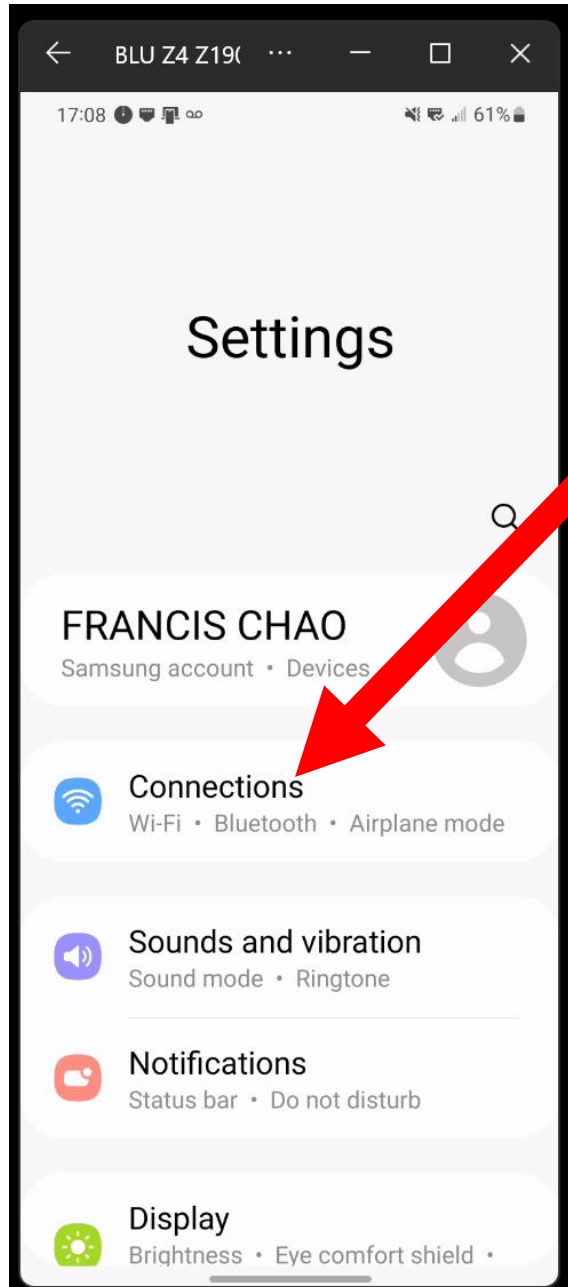


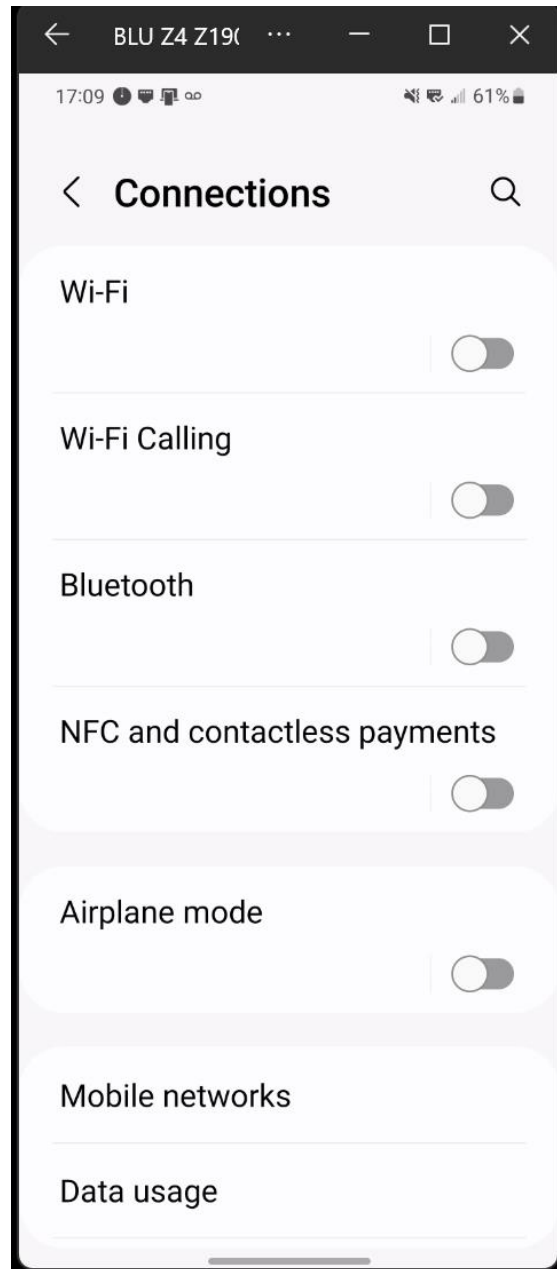




Settings



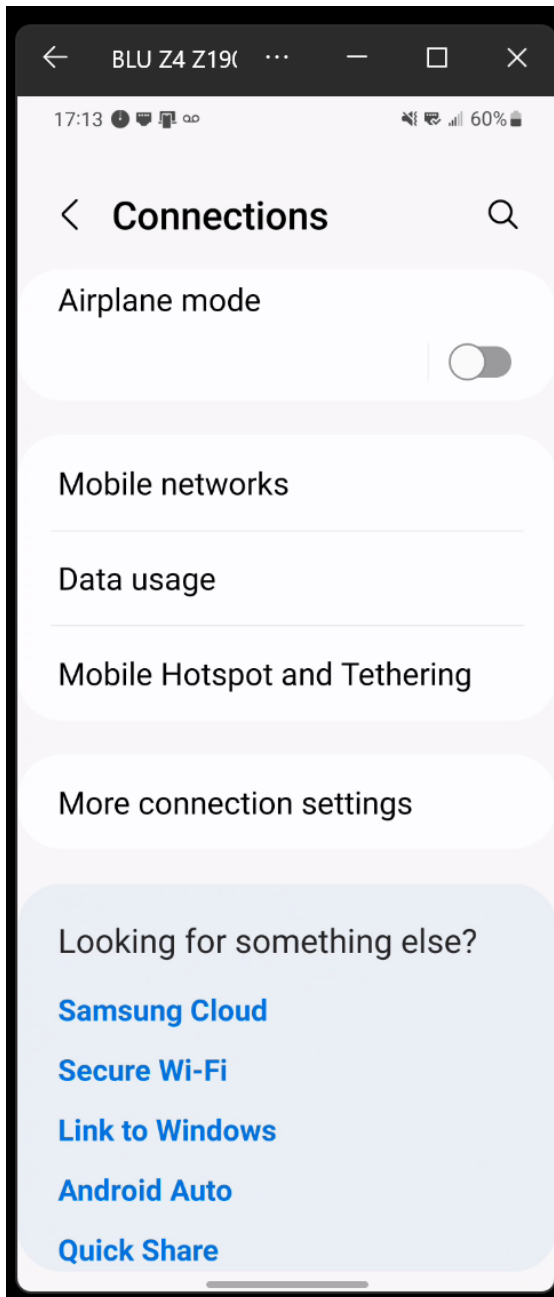




# INSTALLING THE ETHERNET DONGLE FOR YOUR ANDROID CELL PHONE (continued)

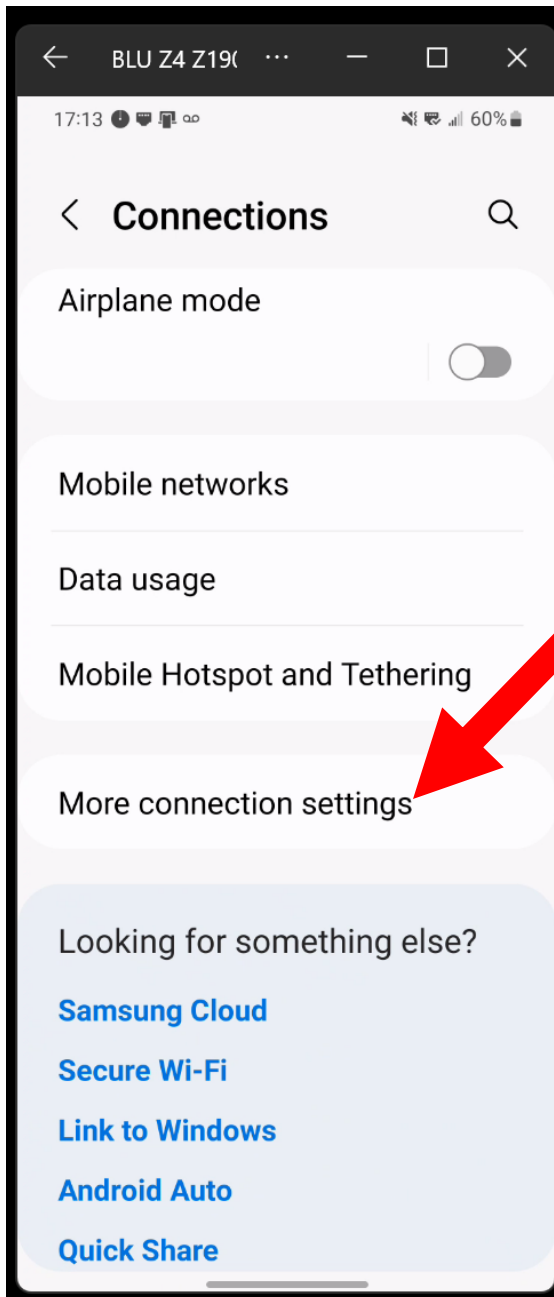
- Swipe up a bit:





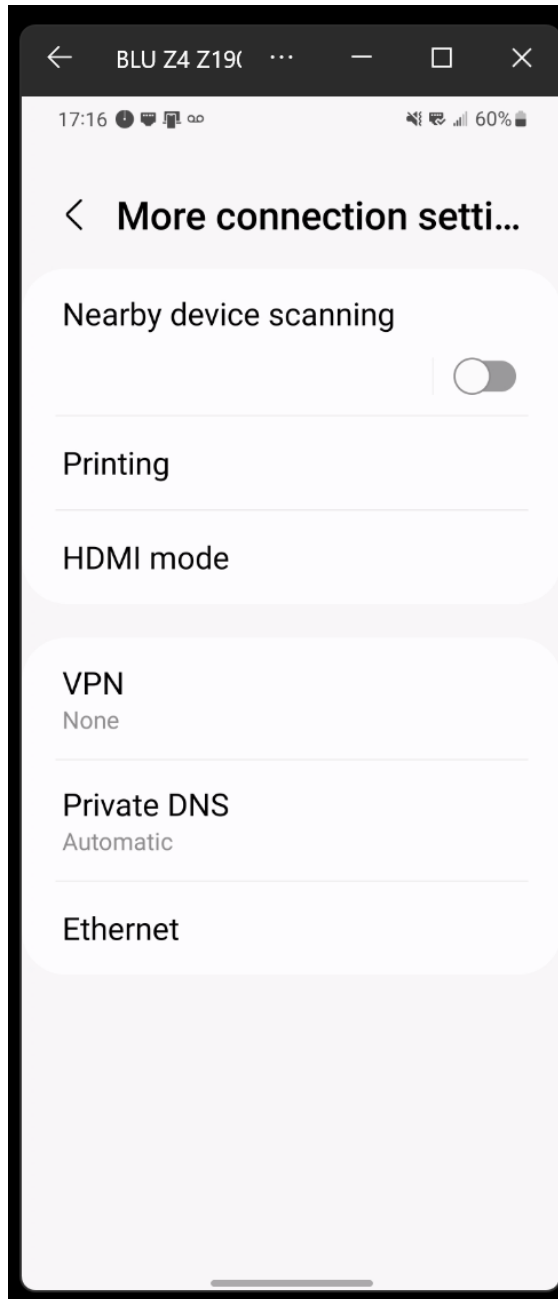
# INSTALLING THE ETHERNET DONGLE FOR YOUR ANDROID CELL PHONE (continued)

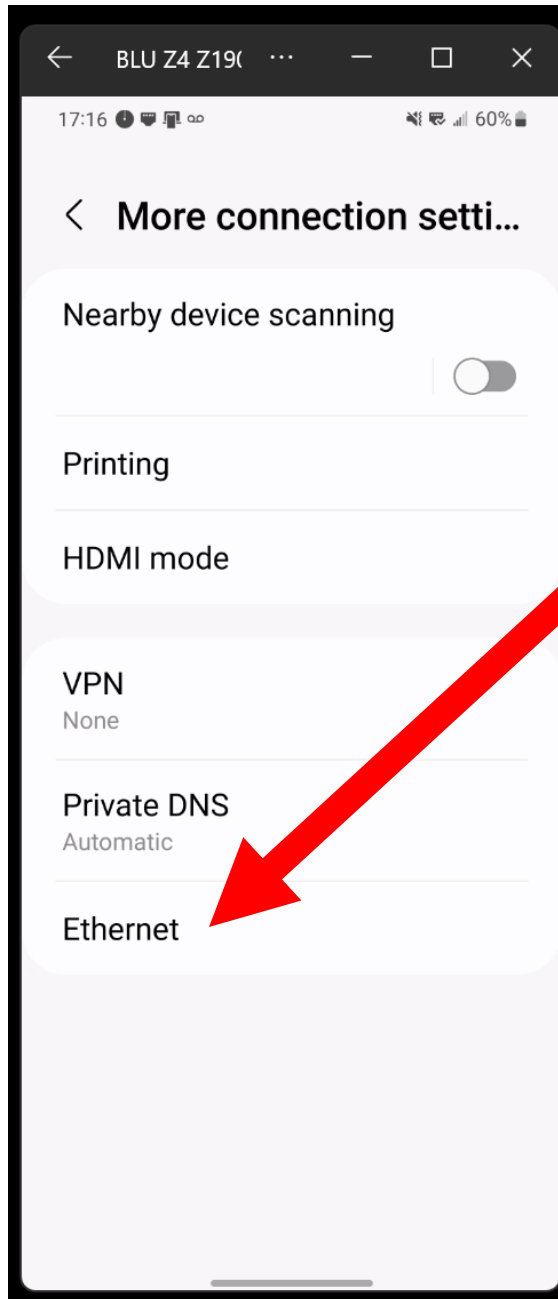
- Do not tap on "Mobile Hotspot and Tethering"
- Tap instead on "More connection settings":



# INSTALLING THE ETHERNET DONGLE FOR YOUR ANDROID CELL PHONE (continued)

- Tap on "Ethernet":





# INSTALLING THE ETHERNET DONGLE FOR YOUR ANDROID CELL PHONE (continued)

- Tap on the toggle switch for "Connect to Ethernet network":

# < Ethernet

## Ethernet

Connect to Ethernet network.



Configure Ethernet device



