3--TETHERING
WITH A Wi-Fi "HOTSPOT" EMANATING FROM AN ANDROID CELL PHONE
TO A "WINDOWS.." COMPUTER

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Web location for this presentation:

http://aztcs.apcug.org

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"Meeting Notes"

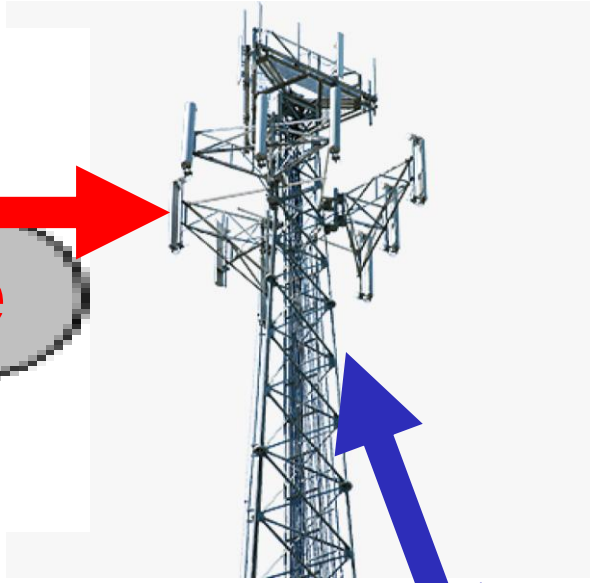
SUMMARY

You can use your Android cell phone to create a Wi-Fi hotspot to provide Internet access for a "Windows.." computer.

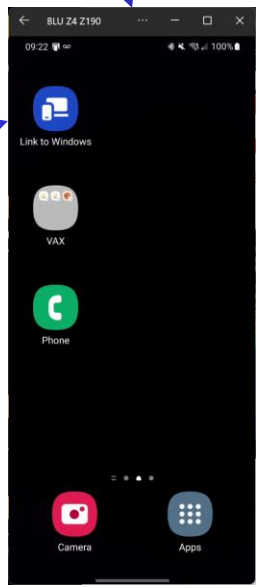
TOPICS

- Advantage of Using A Wi-Fi hotspot from an Android cell phone
- Big Steps (for computer experts)
- Small Steps (for the rest of us)

Internet Cloud
(= "Data Plan" in cell phone lingo)



Option 3:
Android cell phone provides
a
wireless Wi-Fi "hotspot"
so that the client computer,
tablet, or another cell phone
so that it can access the
Internet



"TETHERING" AND "HOTSPOT" FOR CELL PHONES

- Four ways to tether or create a hotspot with a cell phone:
  - Option 1: tethering using Wi-Fi
  - Option 2: tethering using a "cell phone to USB" cable
  - Option 3: tethering using Bluetooth
  - Option 4: tethering using an add-on wired Ethernet adapter

ADVANTAGE OF USING A Wi-Fi HOTSPOT FROM A CELL PHONE

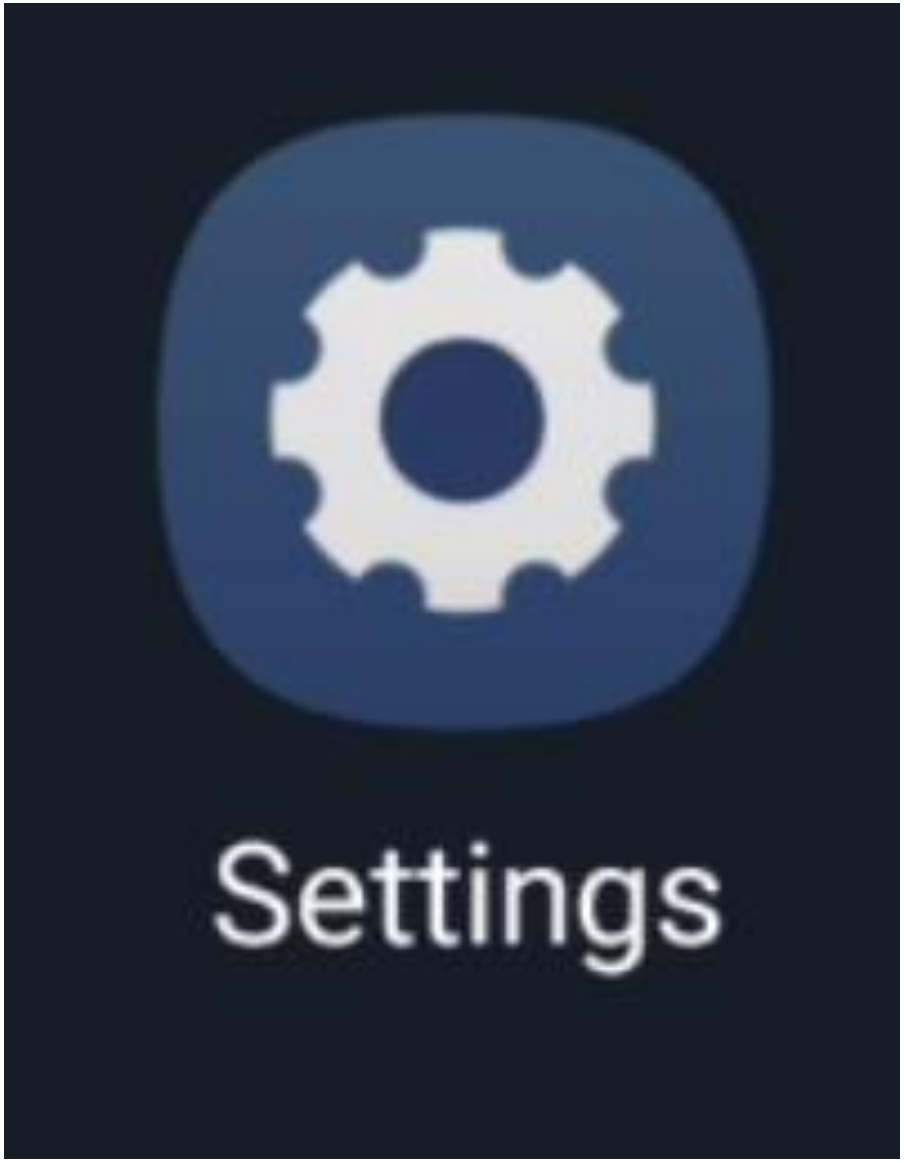
- Of the four configurations for tethering from a cell phone, only **OPTION 1: tethering using Wi-Fi** lets you connect more than one device to the Internet-providing cell phone at any given point in time.

OPTION 1 BIG STEPS
("Option 1:" = tethering using Wi-Fi)

- BIG STEP 100:
  Set up Wi-Fi "Hotspot" emanating from the the cell phone
- BIG STEP 200:
  Connect to the Wi-Fi "Hotspot" from inside the client device

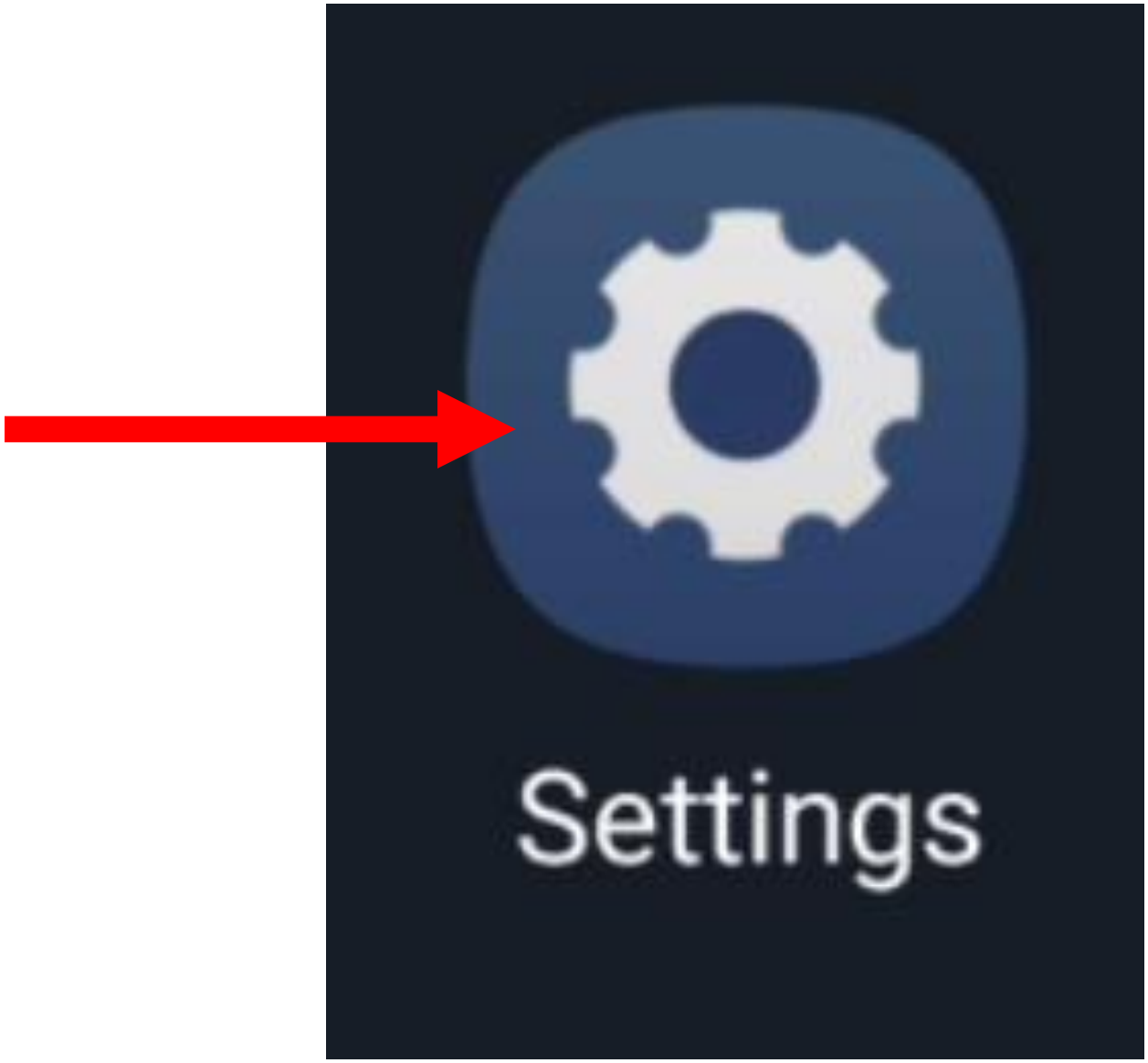
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone)

SMALL STEP 101:
Locate the "Settings" icon in the Android cell phone:


Settings

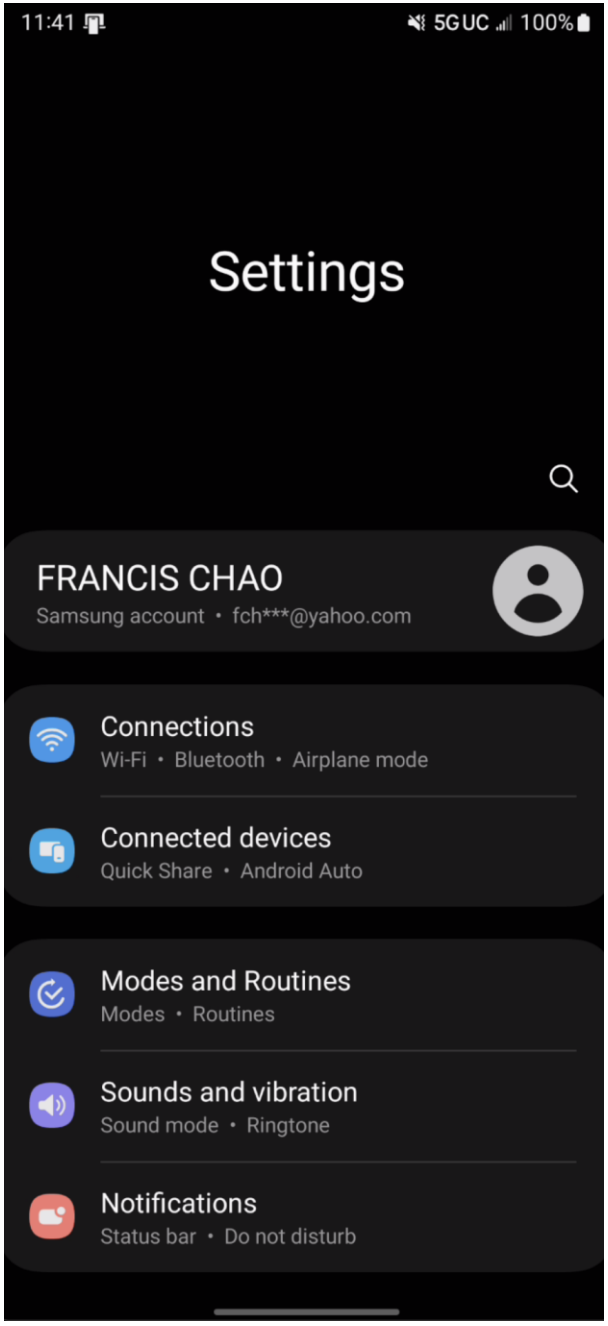
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

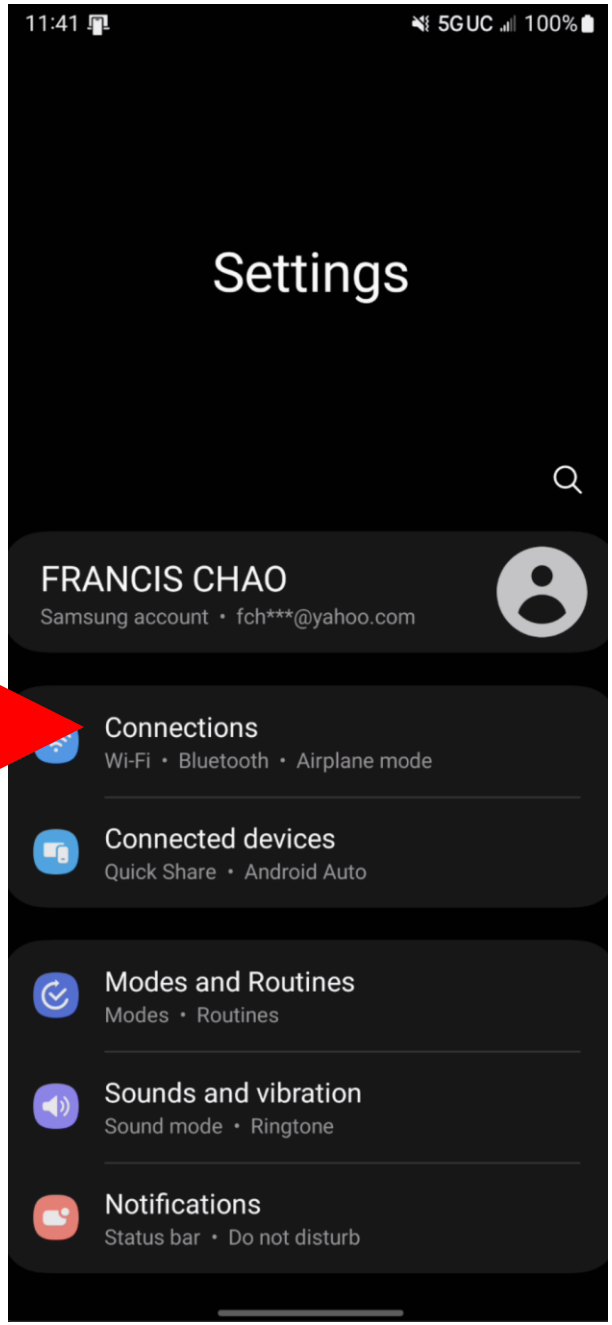
SMALL STEP 102:
Tap on the "Settings" icon:


Settings

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 103:
Tap on "Connections":

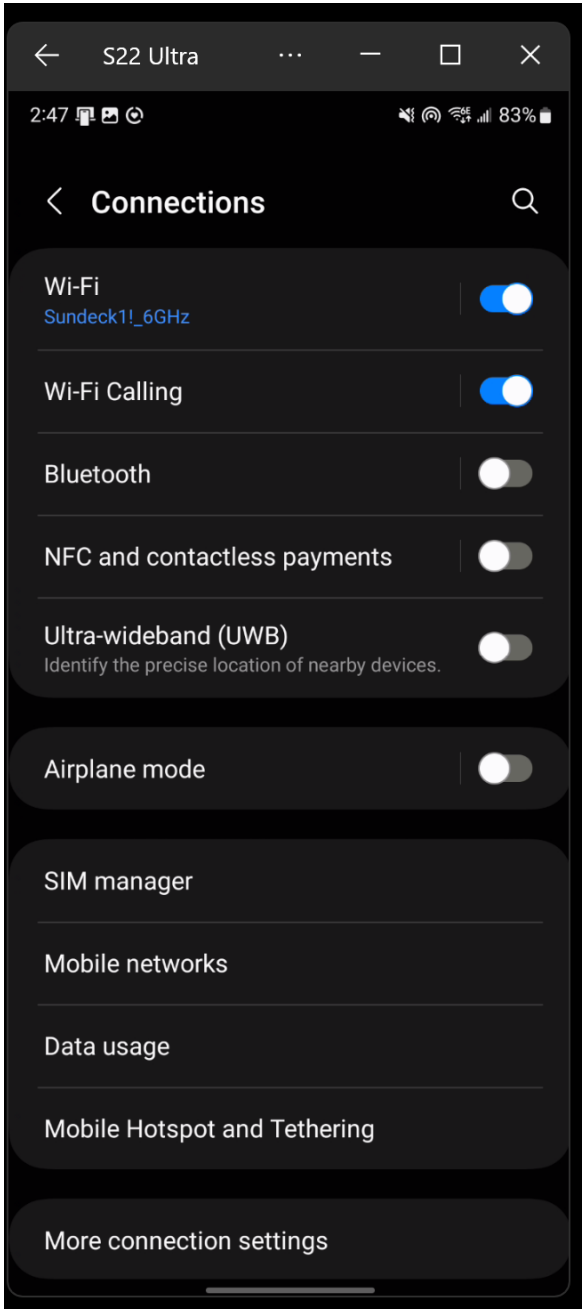

11:41
5GUC
100%
Settings
FRANCIS CHAO
Samsung account • fch***@yahoo.com
Connections
Wi-Fi • Bluetooth • Airplane mode
Connected devices
Quick Share • Android Auto
Modes and Routines
Modes • Routines
Sounds and vibration
Sound mode • Ringtone
Notifications
Status bar • Do not disturb

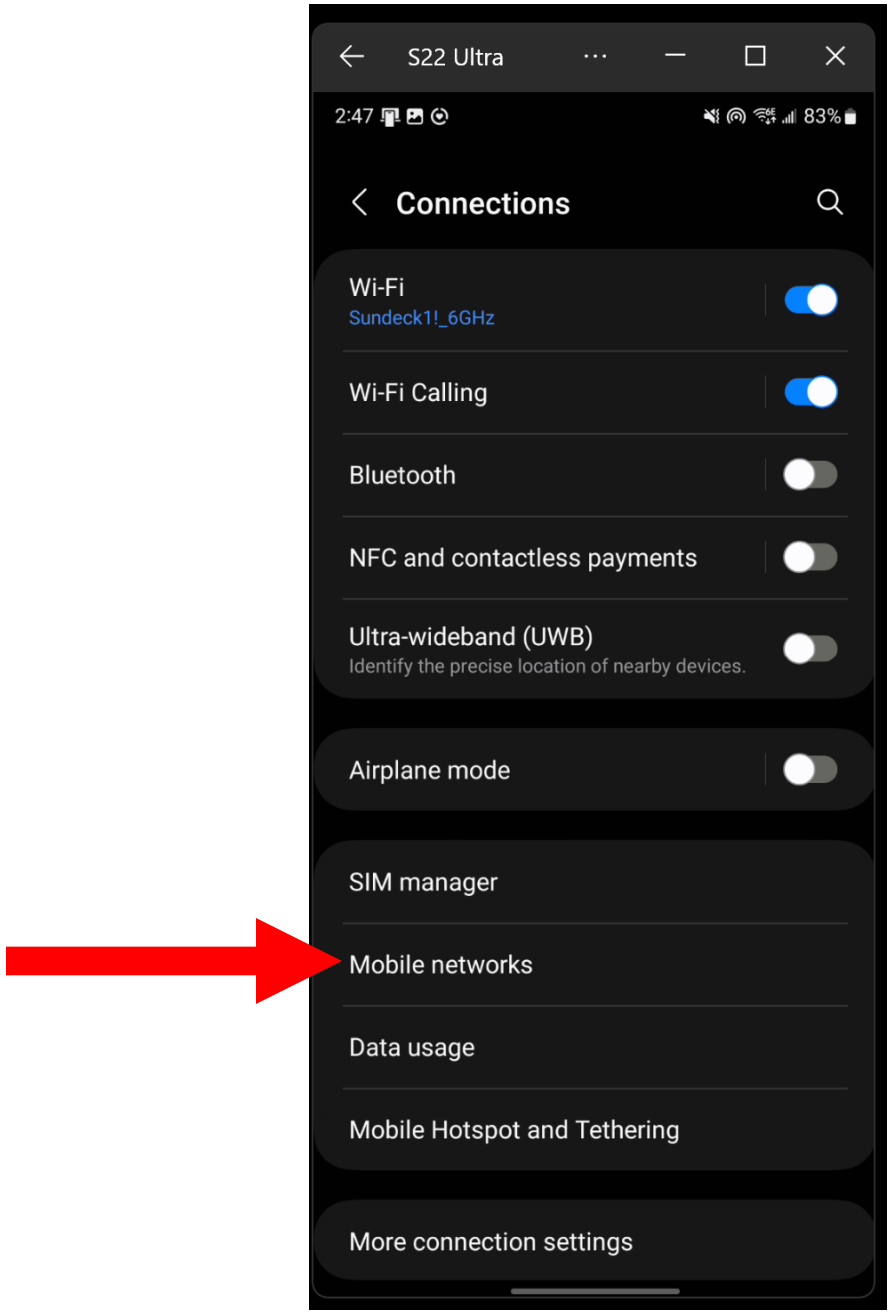

11:41
5GUC 100%
Settings
FRANCIS CHAO
Samsung account • fch***@yahoo.com
Connections
Wi-Fi • Bluetooth • Airplane mode
Connected devices
Quick Share • Android Auto
Modes and Routines
Modes • Routines
Sounds and vibration
Sound mode • Ringtone
Notifications
Status bar • Do not disturb

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 105:

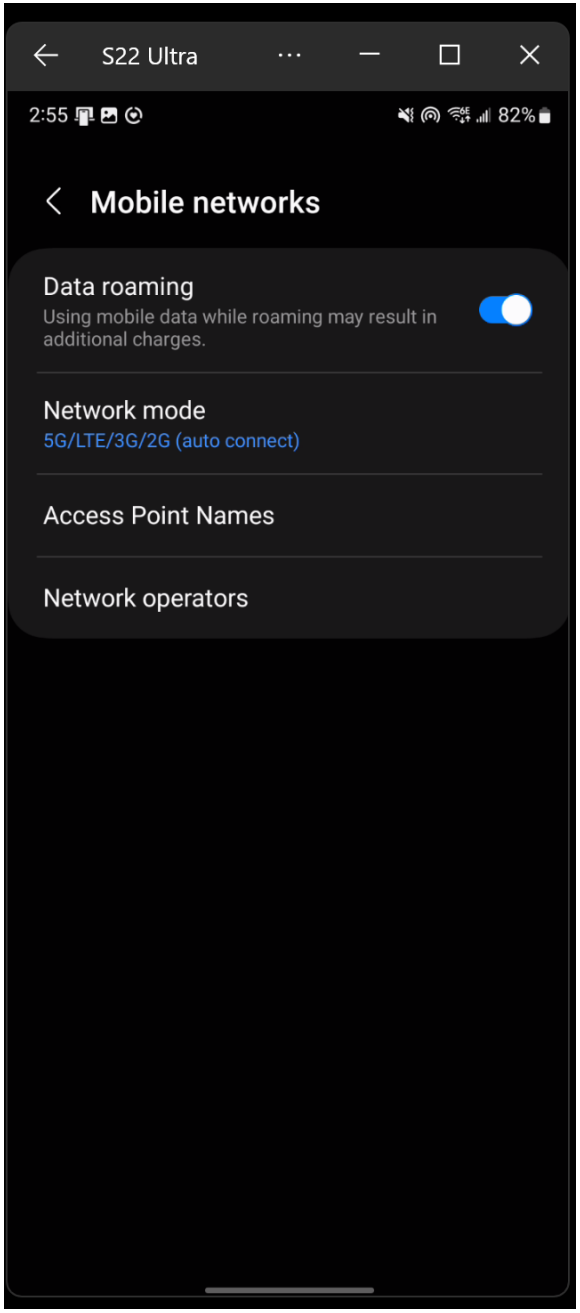
Tap on "Mobile networks":

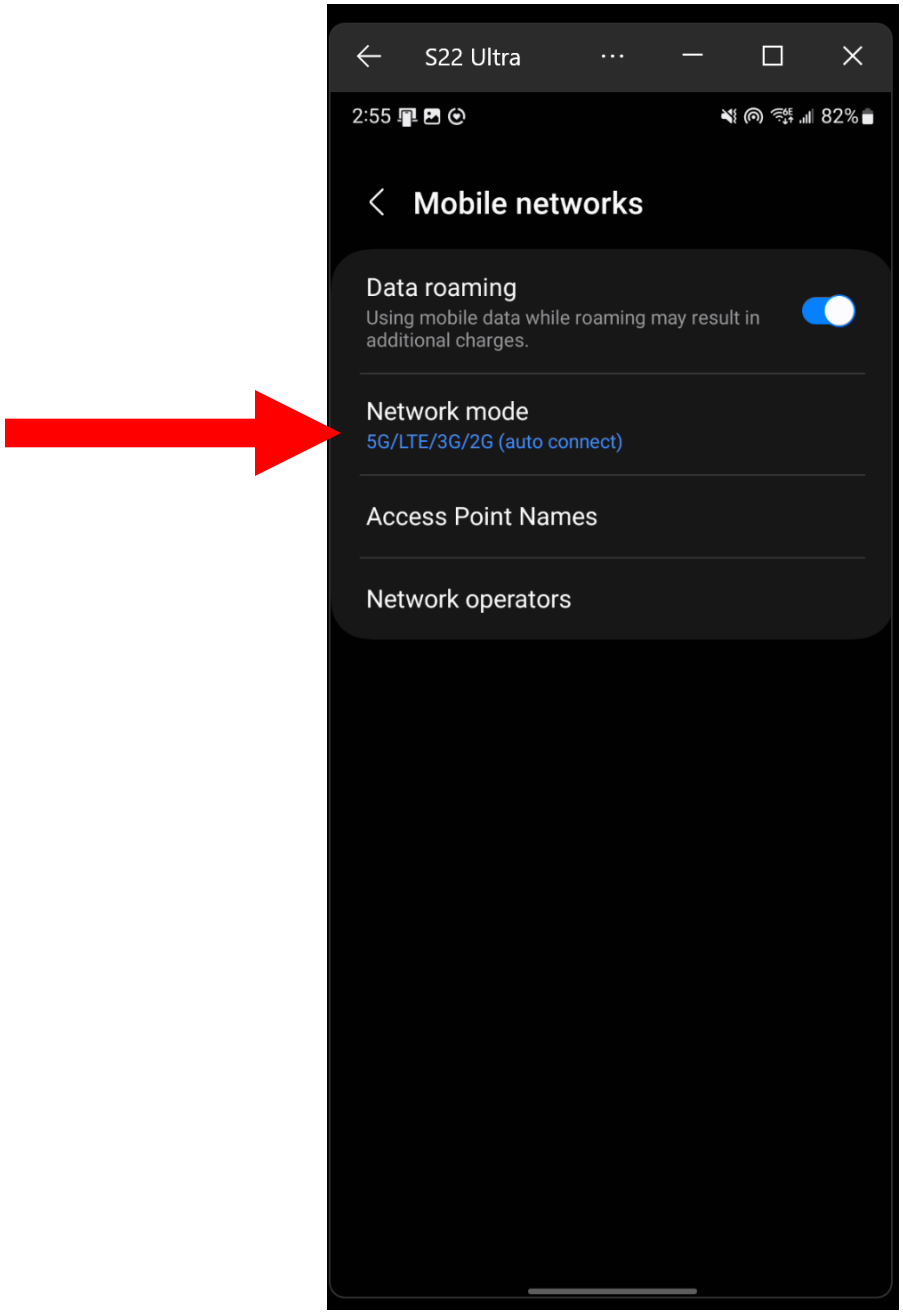

S22 Ultra
2:47
83%
Connections
Wi-Fi
Sundeck1!_6GHz
Wi-Fi Calling
Bluetooth
NFC and contactless payments
Ultra-wideband (UWB)
Identify the precise location of nearby devices.
Airplane mode
SIM manager
Mobile networks
Data usage
Mobile Hotspot and Tethering
More connection settings


S22 Ultra
2:47
83%
Connections
Wi-Fi
Sundeck1!_6GHz
Wi-Fi Calling
Bluetooth
NFC and contactless payments
Ultra-wideband (UWB)
Identify the precise location of nearby devices.
Airplane mode
SIM manager
Mobile networks
Data usage
Mobile Hotspot and Tethering
More connection settings

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 106:
Tap on "Network mode".

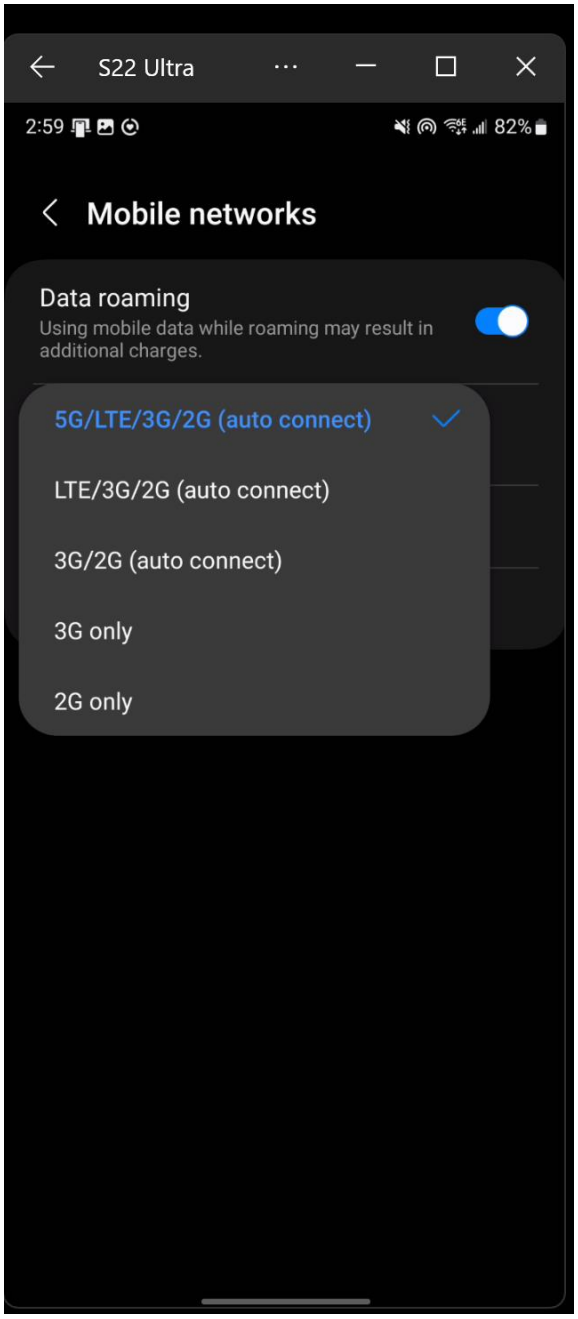

S22 Ultra
2:55
82%
Mobile networks
Data roaming
Using mobile data while roaming may result in additional charges.
Network mode
5G/LTE/3G/2G (auto connect)
Access Point Names
Network operators

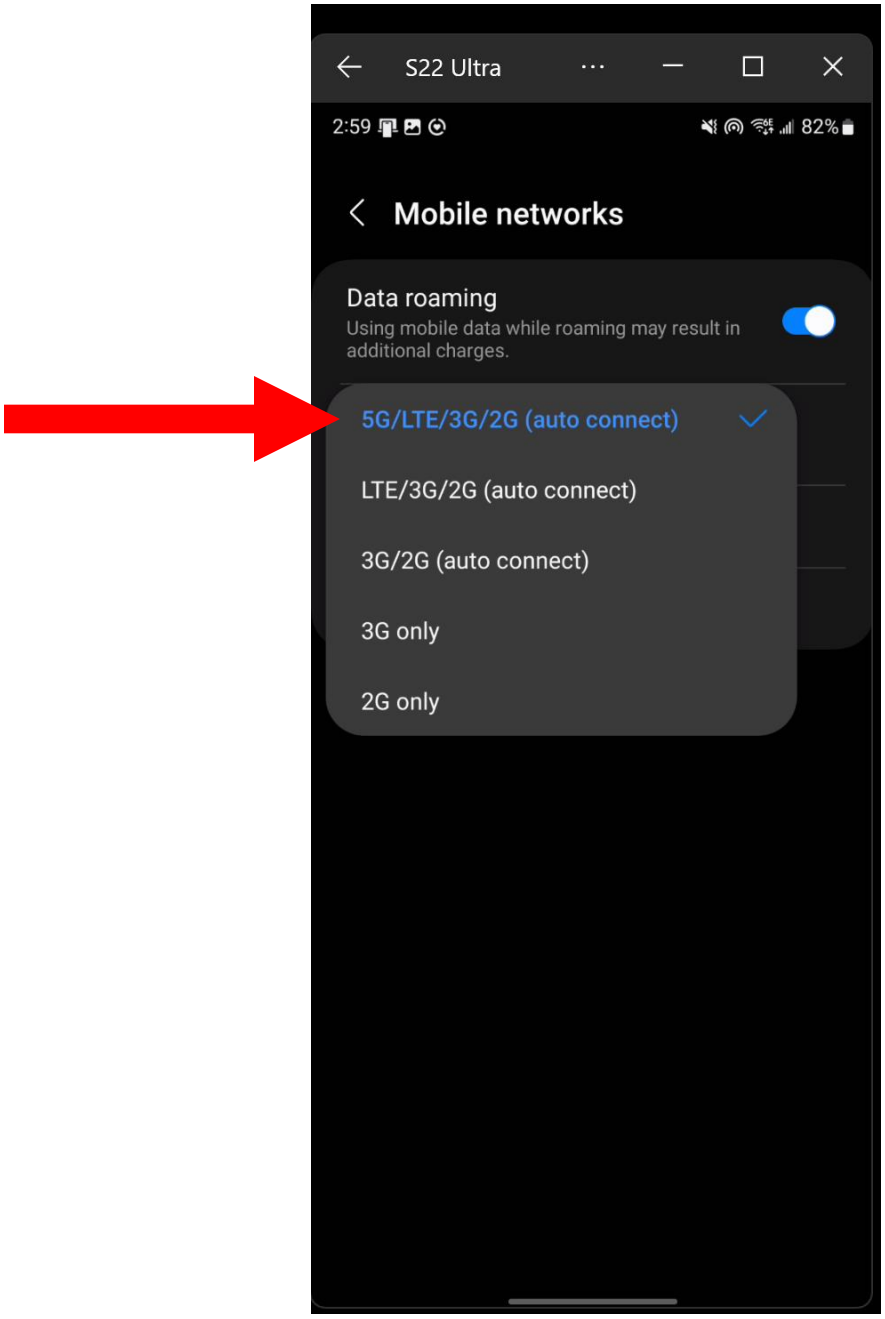

S22 Ultra
2:55
82%
Mobile networks
Data roaming
Using mobile data while roaming may result in additional charges.
Network mode
5G/LTE/3G/2G (auto connect)
Access Point Names
Network operators

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 107:

Tap on the highest level of "Network mode" that your cell phone is capable of communicating at:

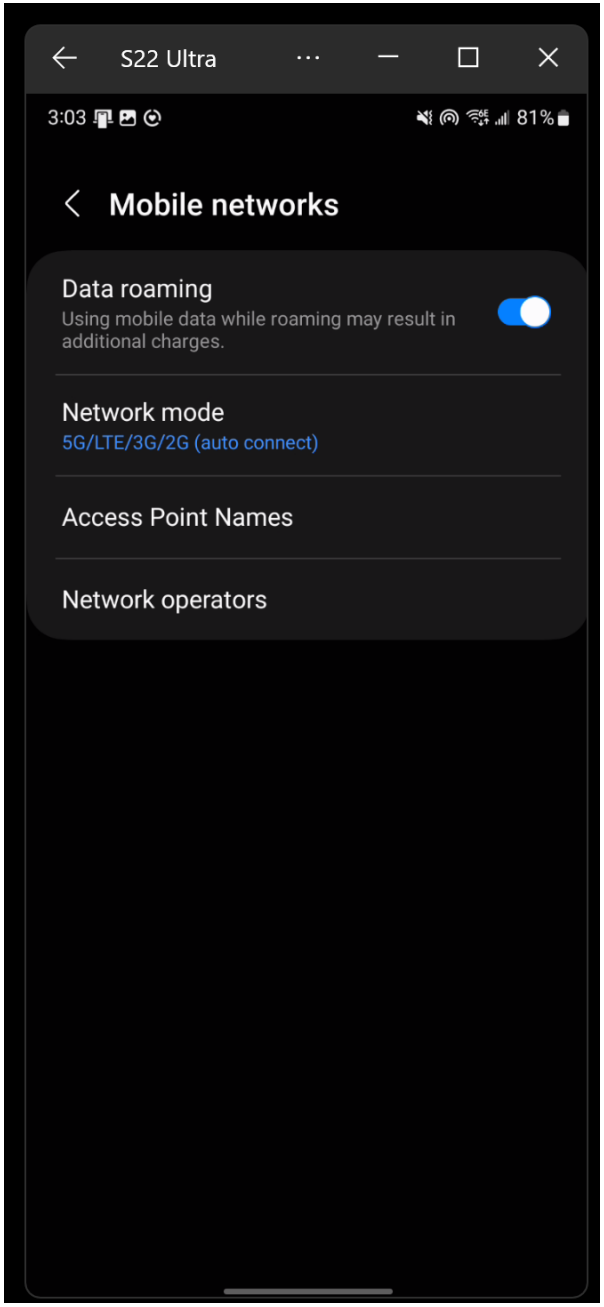

S22 Ultra
2:59
82%
Mobile networks
Data roaming
Using mobile data while roaming may result in additional charges.
5G/LTE/3G/2G (auto connect)
LTE/3G/2G (auto connect)
3G/2G (auto connect)
3G only
2G only

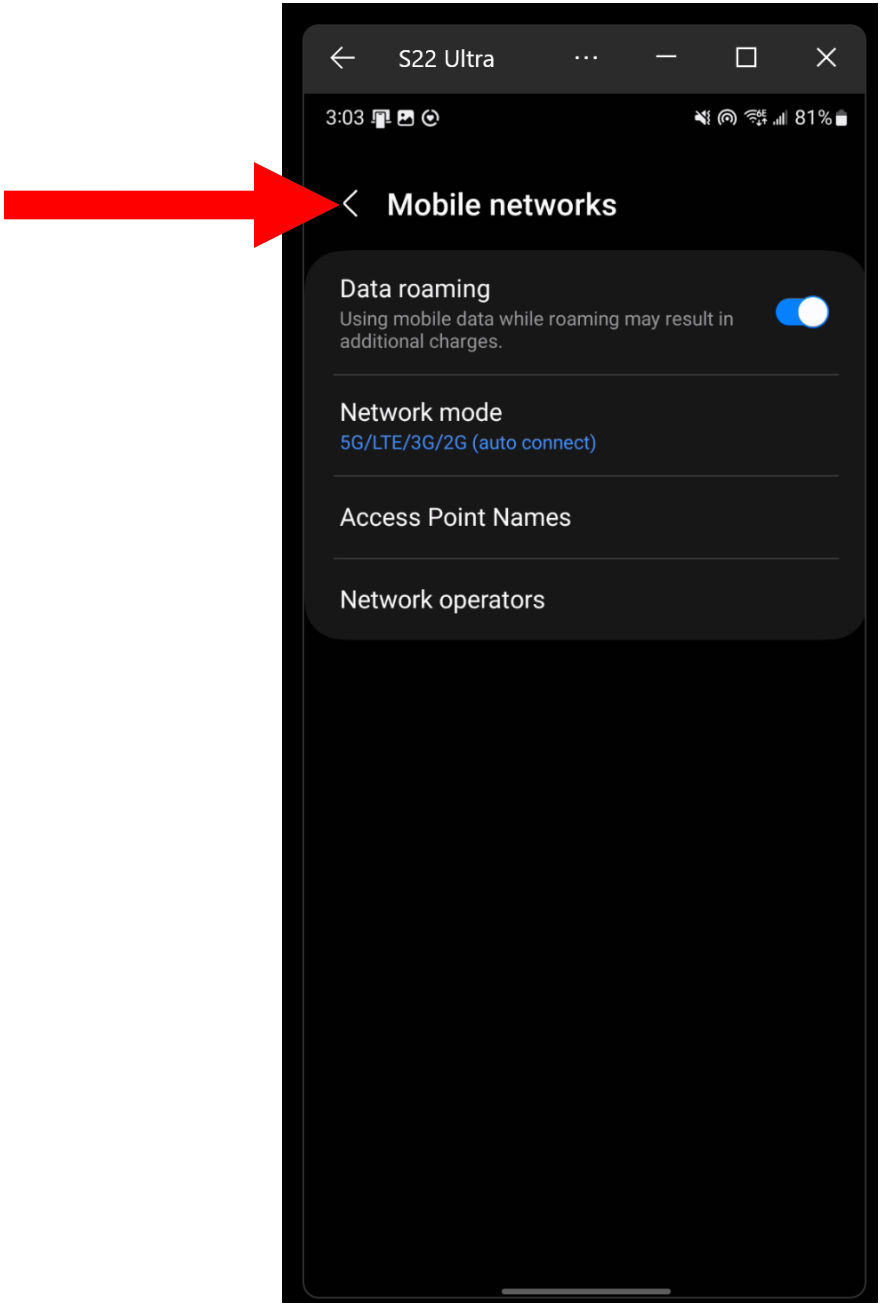

S22 Ultra
2:59
82%
Mobile networks
Data roaming
Using mobile data while roaming may result in additional charges.
5G/LTE/3G/2G (auto connect)
LTE/3G/2G (auto connect)
3G/2G (auto connect)
3G only
2G only

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 108:

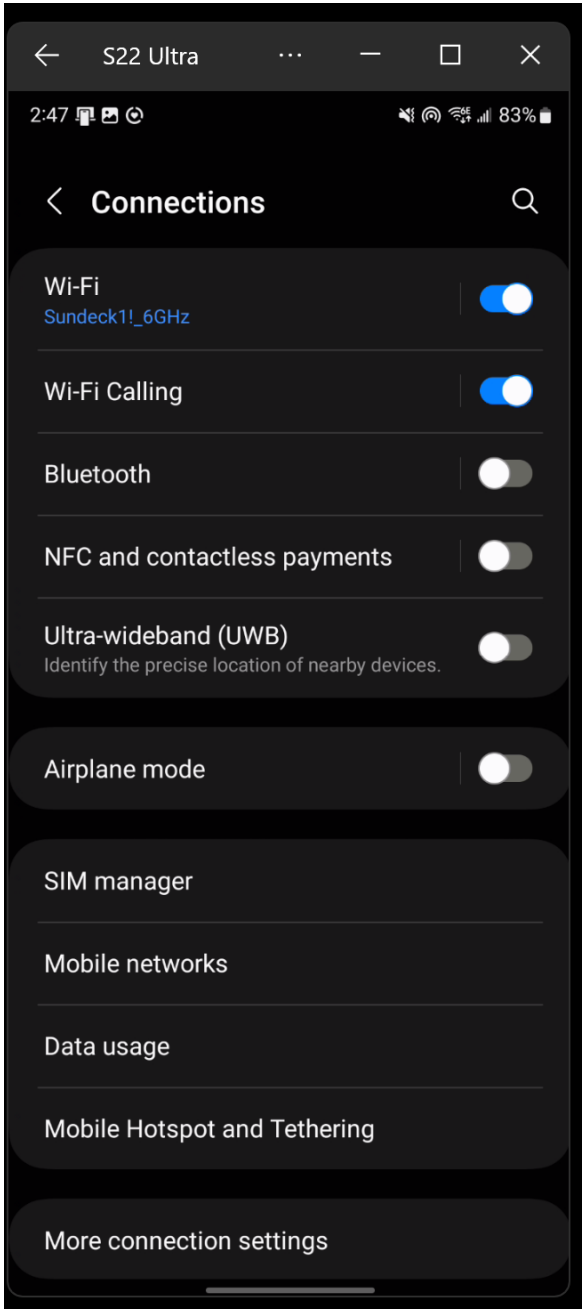
Tap on the "<" to the left of "Mobile networks"

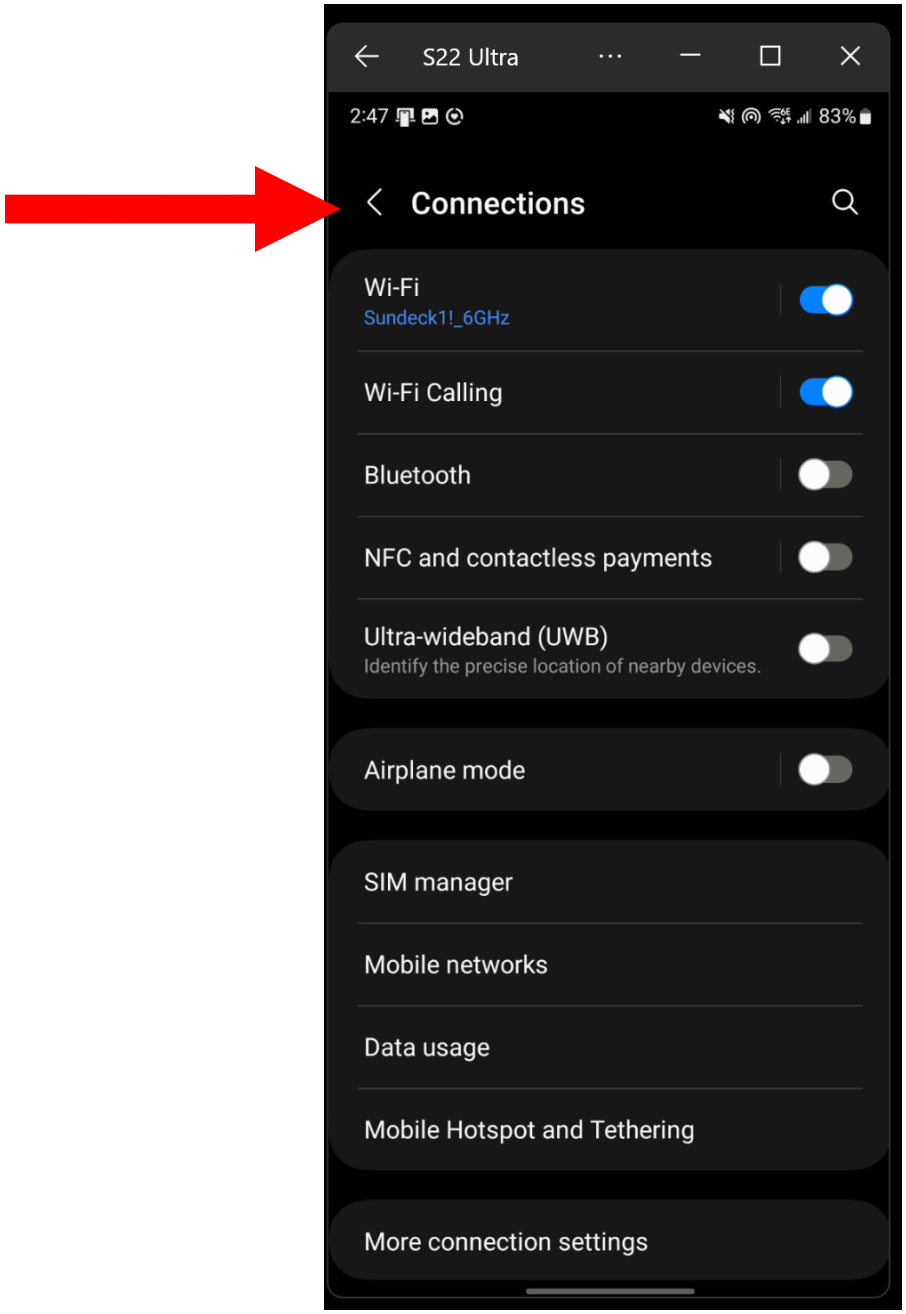

S22 Ultra
3:03
81%
Mobile networks
Data roaming
Using mobile data while roaming may result in additional charges.
Network mode
5G/LTE/3G/2G (auto connect)
Access Point Names
Network operators


S22 Ultra
3:03
81%
Mobile networks
Data roaming
Using mobile data while roaming may result in additional charges.
Network mode
5G/LTE/3G/2G (auto connect)
Access Point Names
Network operators

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 109:
Tap on the "<" to the left of "Connections"


S22 Ultra
2:47
83%
Connections
Wi-Fi
Sundeck1!_6GHz
Wi-Fi Calling
Bluetooth
NFC and contactless payments
Ultra-wideband (UWB)
Identify the precise location of nearby devices.
Airplane mode
SIM manager
Mobile networks
Data usage
Mobile Hotspot and Tethering
More connection settings

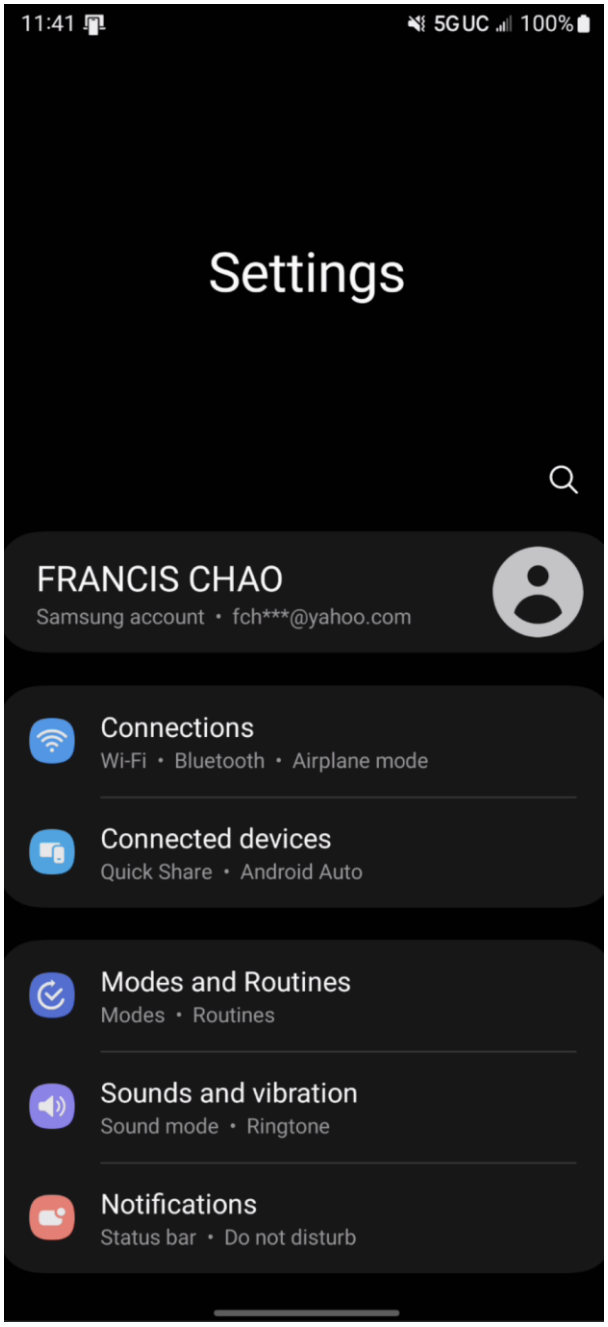

S22 Ultra
2:47
83%
Connections
Wi-Fi
Sundeck1!_6GHz
Wi-Fi Calling
Bluetooth
NFC and contactless payments
Ultra-wideband (UWB)
Identify the precise location of nearby devices.
Airplane mode
SIM manager
Mobile networks
Data usage
Mobile Hotspot and Tethering
More connection settings

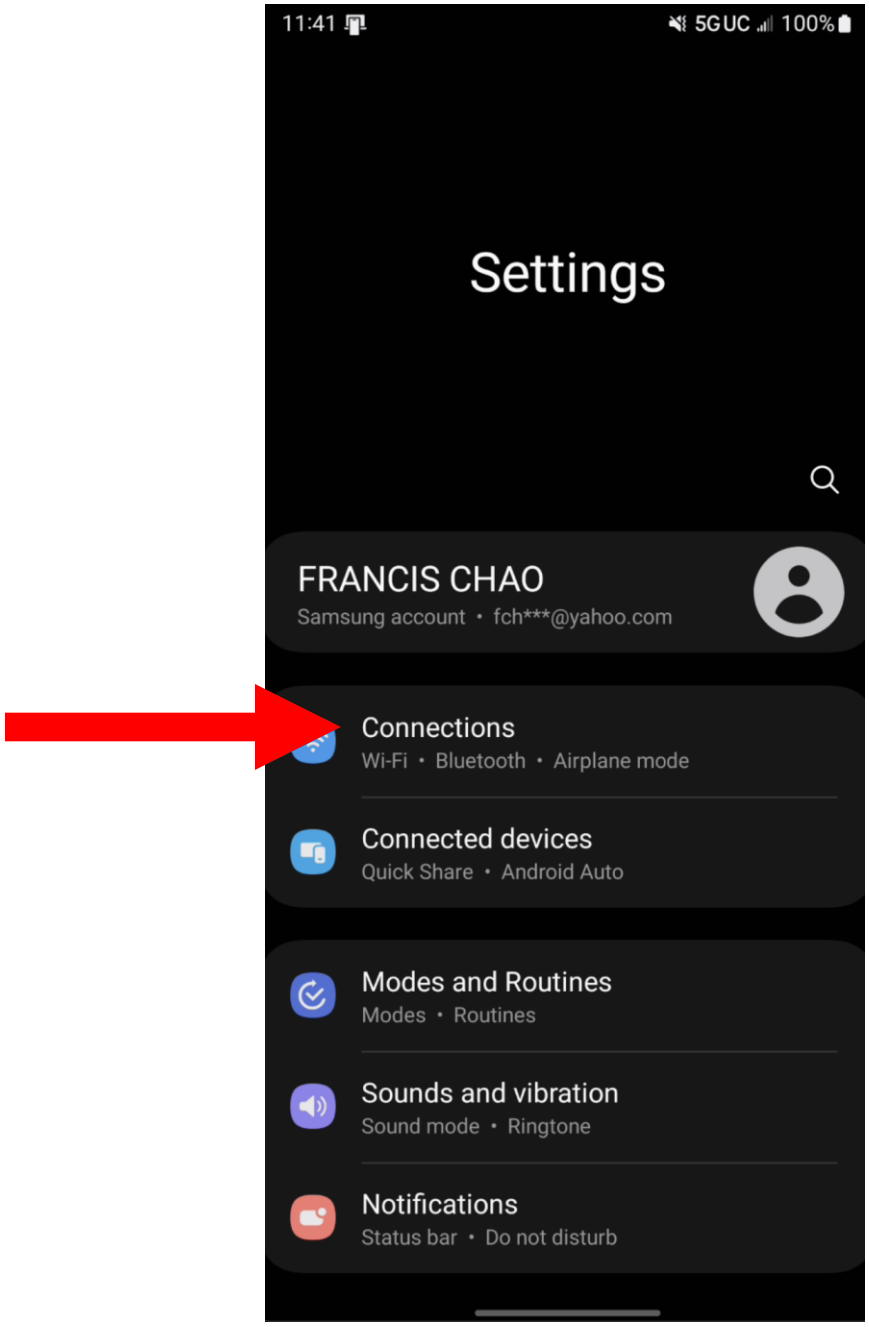
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 110:

You should now be back to the highest level of the "Settings" app.

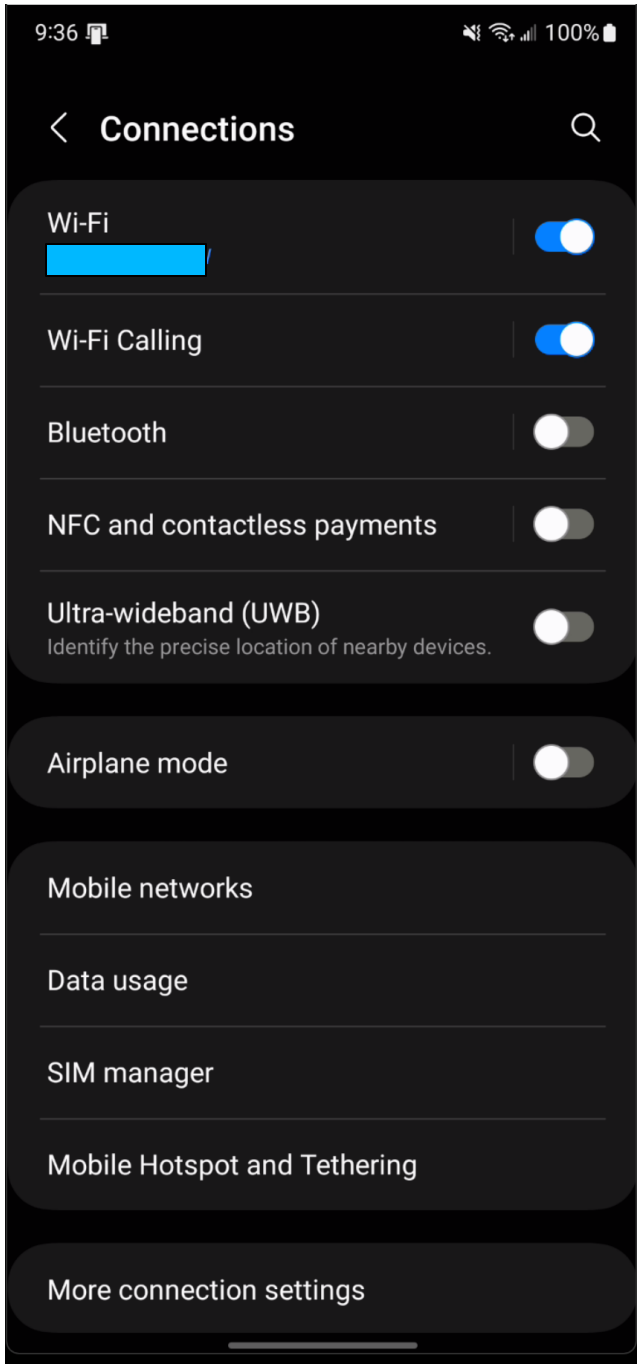
Tap on "Connections":

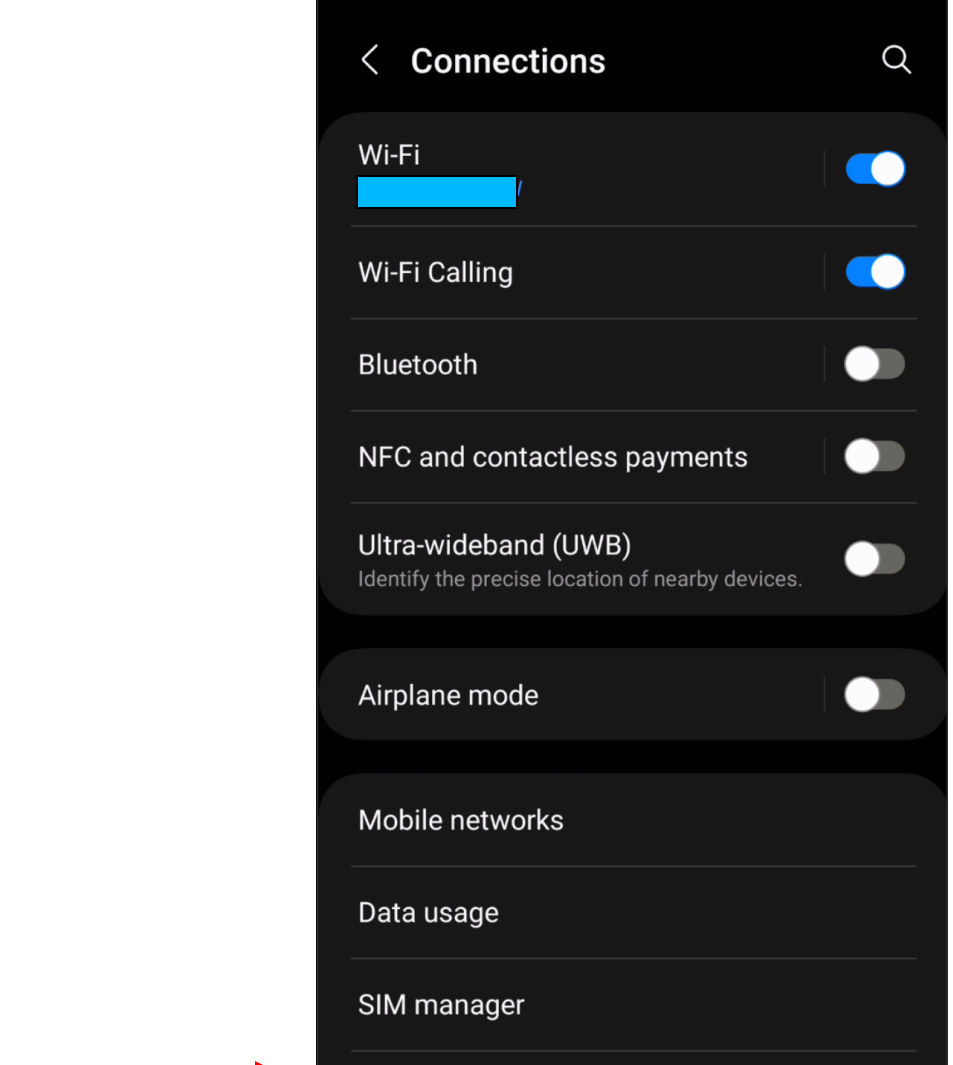

11:41
5GUC
100%
Settings
FRANCIS CHAO
Samsung account • fch***@yahoo.com
Connections
Wi-Fi • Bluetooth • Airplane mode
Connected devices
Quick Share • Android Auto
Modes and Routines
Modes • Routines
Sounds and vibration
Sound mode • Ringtone
Notifications
Status bar • Do not disturb


11:41
5GUC
100%
Settings
FRANCIS CHAO
Samsung account • fch***@yahoo.com
Connections
Wi-Fi • Bluetooth • Airplane mode
Connected devices
Quick Share • Android Auto
Modes and Routines
Modes • Routines
Sounds and vibration
Sound mode • Ringtone
Notifications
Status bar • Do not disturb

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 111:
Tap on "Mobile Hotspot and Tethering":


9:36
100%
Connections
Wi-Fi
Wi-Fi Calling
Bluetooth
NFC and contactless payments
Ultra-wideband (UWB)
Identify the precise location of nearby devices.
Airplane mode
Mobile networks
Data usage
SIM manager
Mobile Hotspot and Tethering
More connection settings

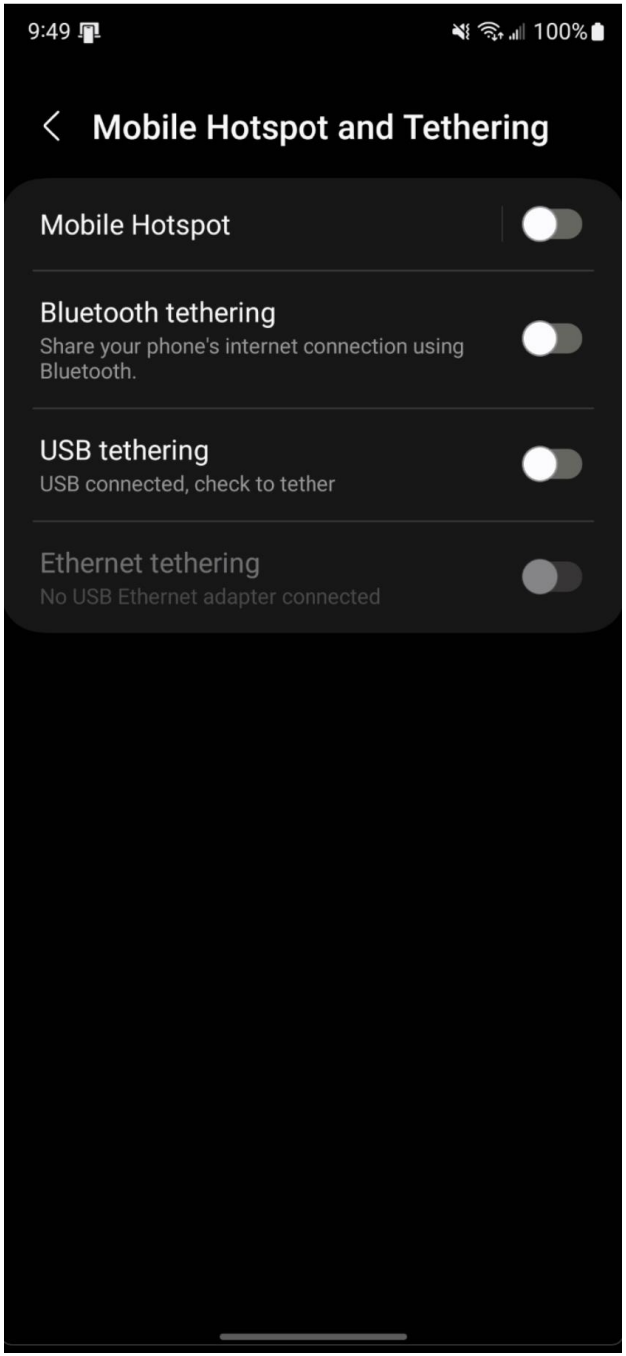

9:36
100%
Connections
Wi-Fi
Wi-Fi Calling
Bluetooth
NFC and contactless payments
Ultra-wideband (UWB)
Identify the precise location of nearby devices.
Airplane mode
Mobile networks
Data usage
SIM manager
Mobile Hotspot and Tethering
More connection settings

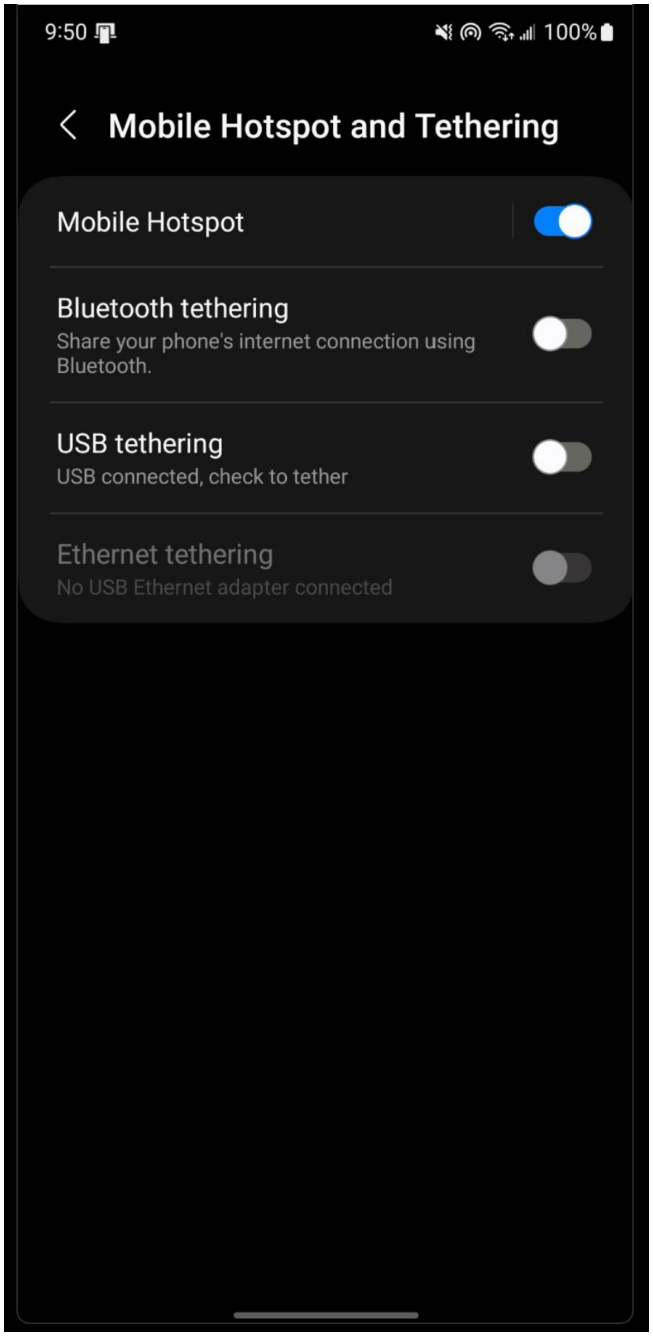
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 111:

If the on-off indicator for "Mobile Hotspot" is not enabled, tap on it to a enable it.

If the on-off indicator for "Mobile Hotspot" is enabled, tap on it twice to disable and then re-enabled it:

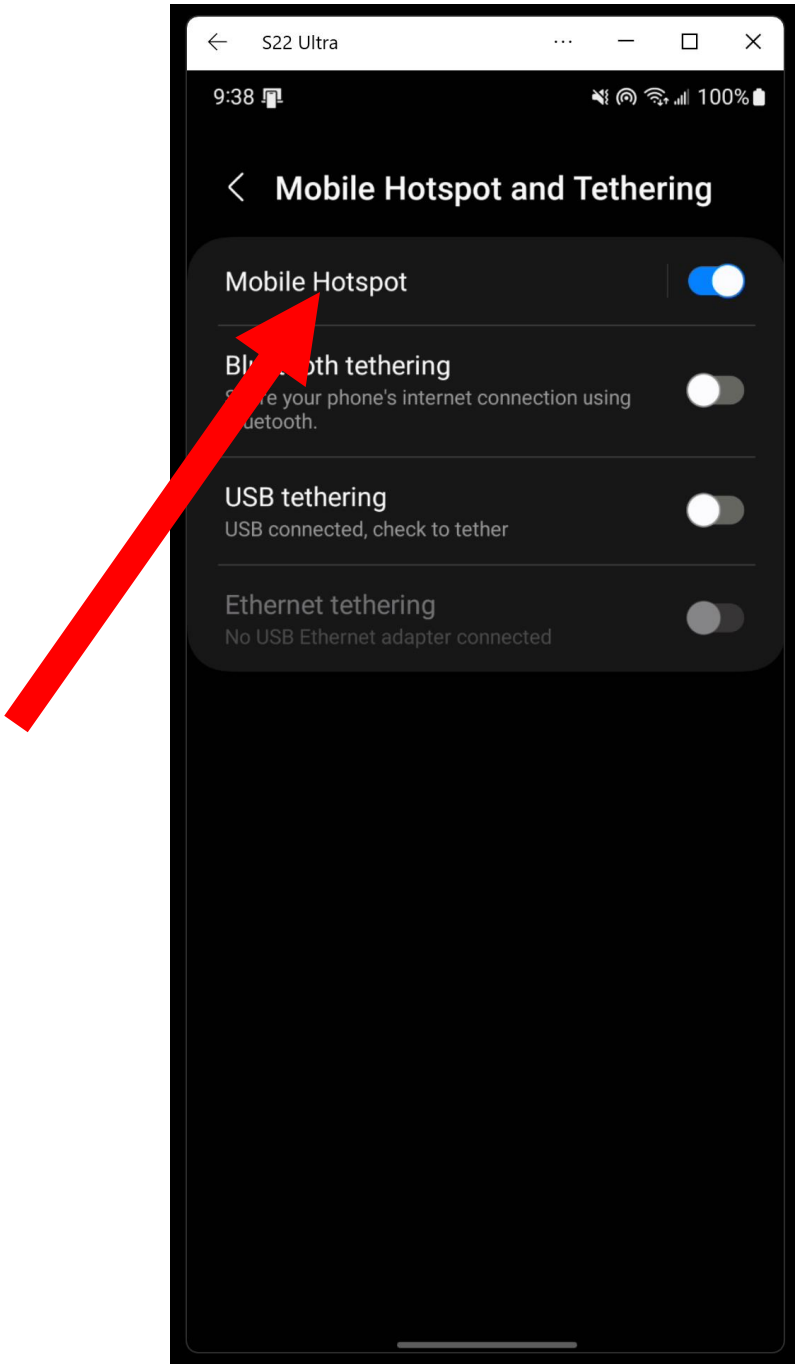

9:49
100%
Mobile Hotspot and Tethering
Mobile Hotspot
Bluetooth tethering
Share your phone's internet connection using Bluetooth.
USB tethering
USB connected, check to tether
Ethernet tethering
No USB Ethernet adapter connected

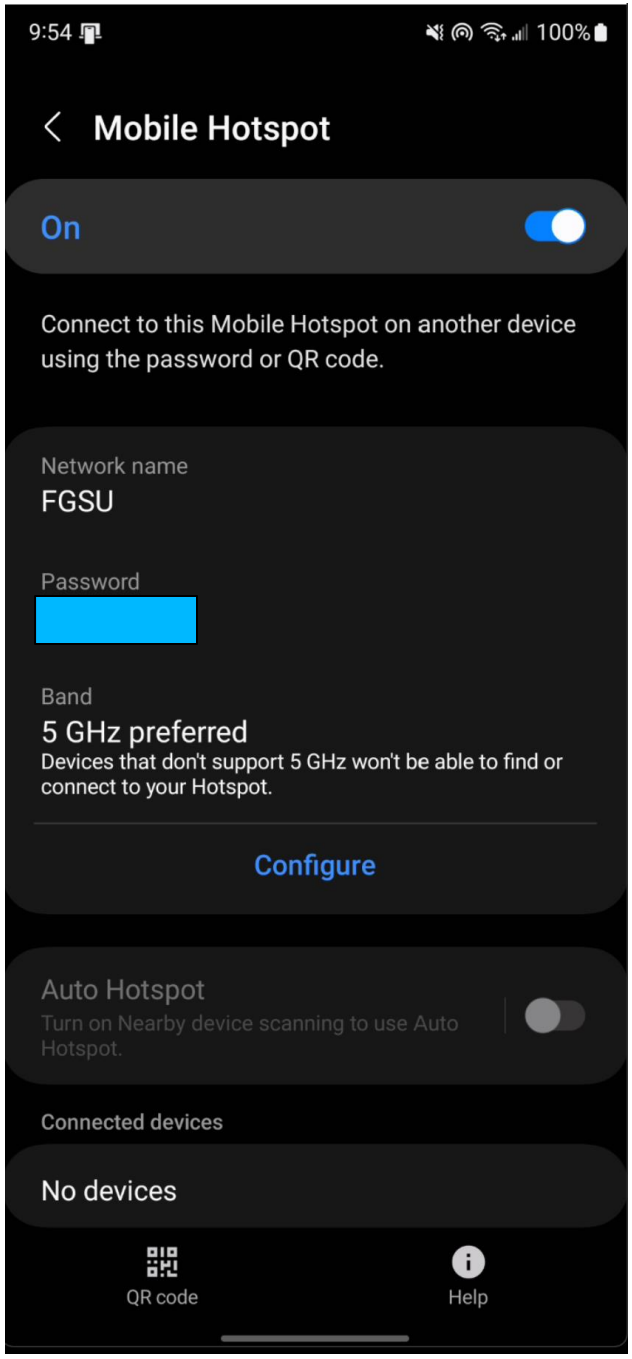

9:50
100%
Mobile Hotspot and Tethering
Mobile Hotspot
Bluetooth tethering
Share your phone's internet connection using Bluetooth.
USB tethering
USB connected, check to tether
Ethernet tethering
No USB Ethernet adapter connected

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 112:

Tap on the words "Mobile Hotspot" (not the on-off indicator):

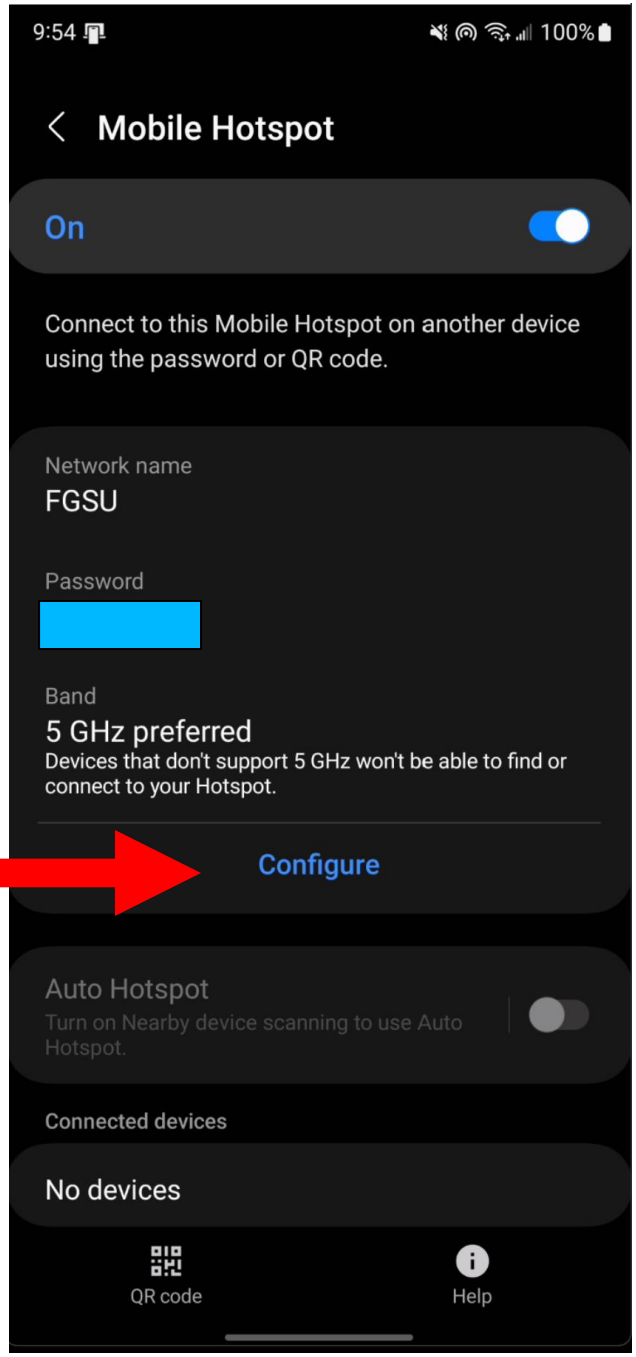

S22 Ultra
9:38
100%
Mobile Hotspot and Tethering
Mobile Hotspot
USB tethering
USB connected, check to tether
Ethernet tethering
No USB Ethernet adapter connected


9:54
100%
Mobile Hotspot
On
Connect to this Mobile Hotspot on another device using the password or QR code.
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 GHz won't be able to find or connect to your Hotspot.
Configure
Auto Hotspot
Turn on Nearby device scanning to use Auto Hotspot.
Connected devices
No devices
QR code
Help

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 113:

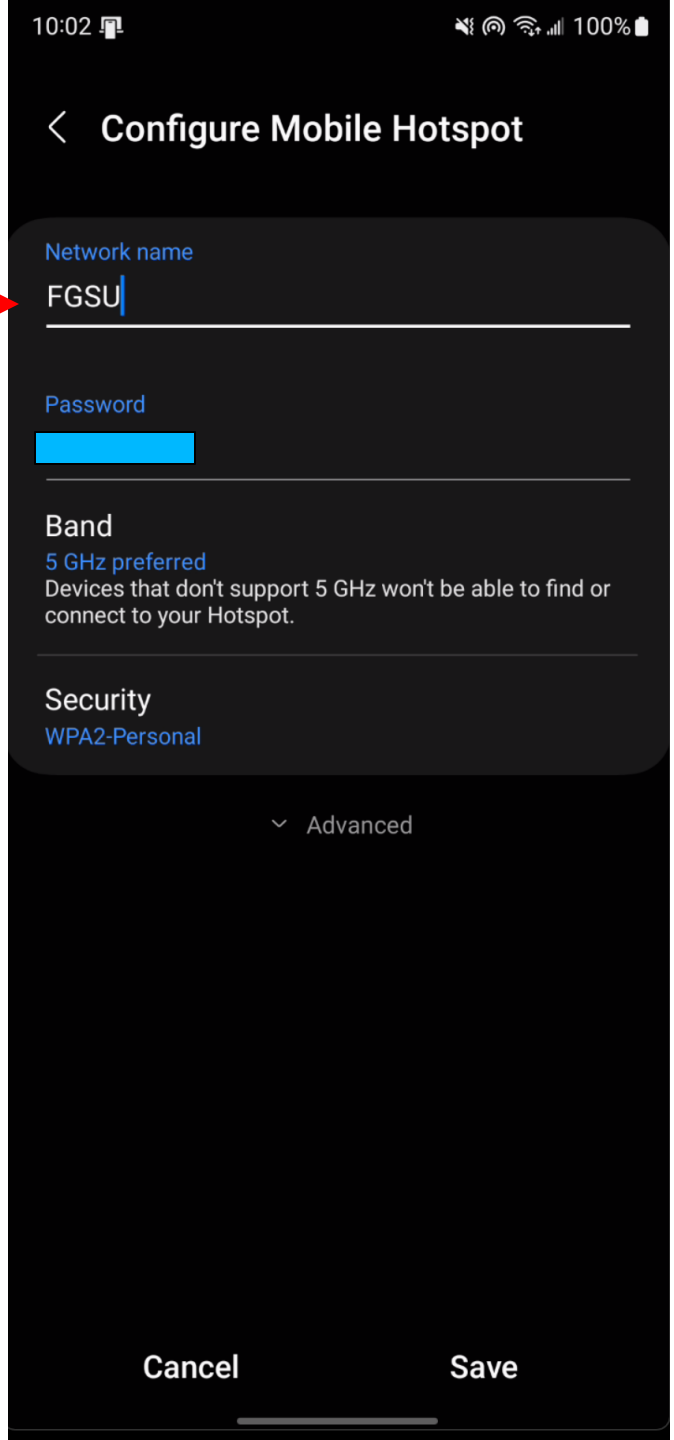
Tap on "Configure":


9:54
100%
Mobile Hotspot
On
Connect to this Mobile Hotspot on another device using the password or QR code.
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 GHz won't be able to find or connect to your Hotspot.
Configure
Auto Hotspot
Turn on Nearby device scanning to use Auto Hotspot.
Connected devices
No devices
QR code
Help

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 114:

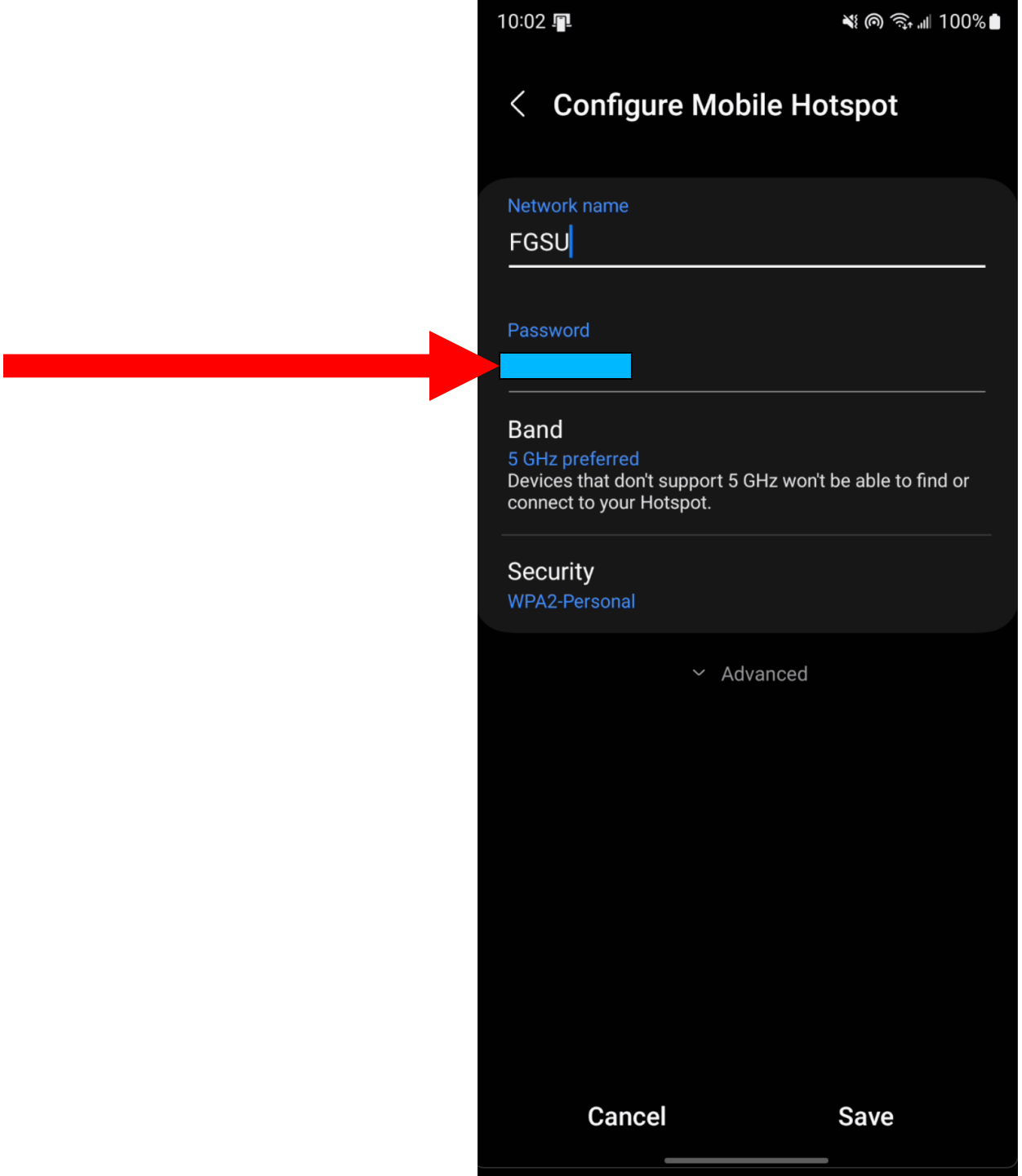
Modify the "Network name" if you want to.
The "Network name" is the name of the "Wireless Access Point" which is also known as the
"SSID" = "service set identifier"
of the Wi-Fi hotspot that will emanate from the Android cell phone.


10:02
100%
Configure Mobile Hotspot
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 GHz won't be able to find or connect to your Hotspot.
Security
WPA2-Personal
Advanced
Cancel
Save

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 115:

Modify the password if you want to.


10:02
100%
Configure Mobile Hotspot
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 GHz won't be able to find or connect to your Hotspot.
Security
WPA2-Personal
Advanced
Cancel
Save

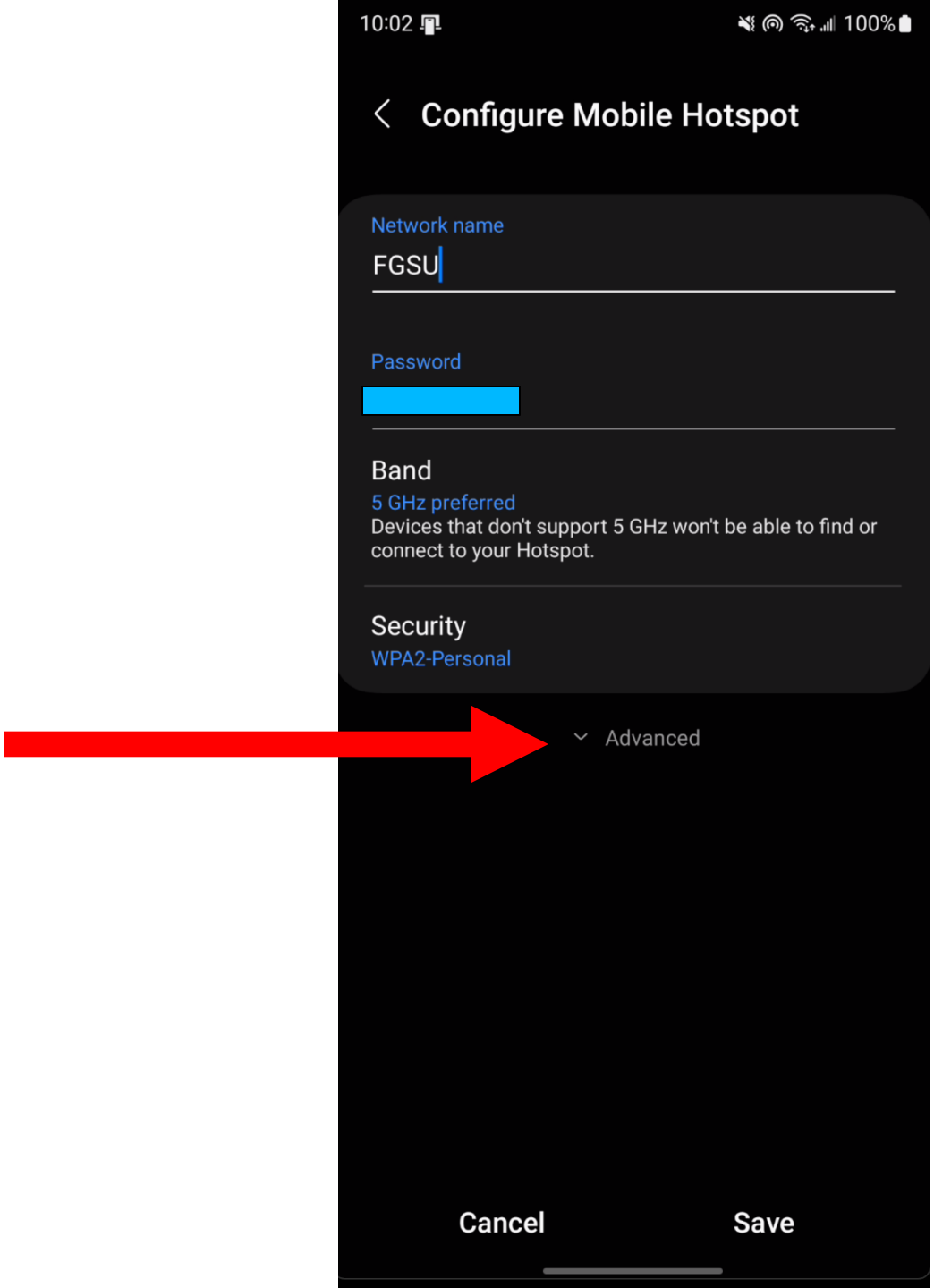
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

SMALL STEP 116:

Then write down the "Network name" and "Password" on a piece of paper somewhere.

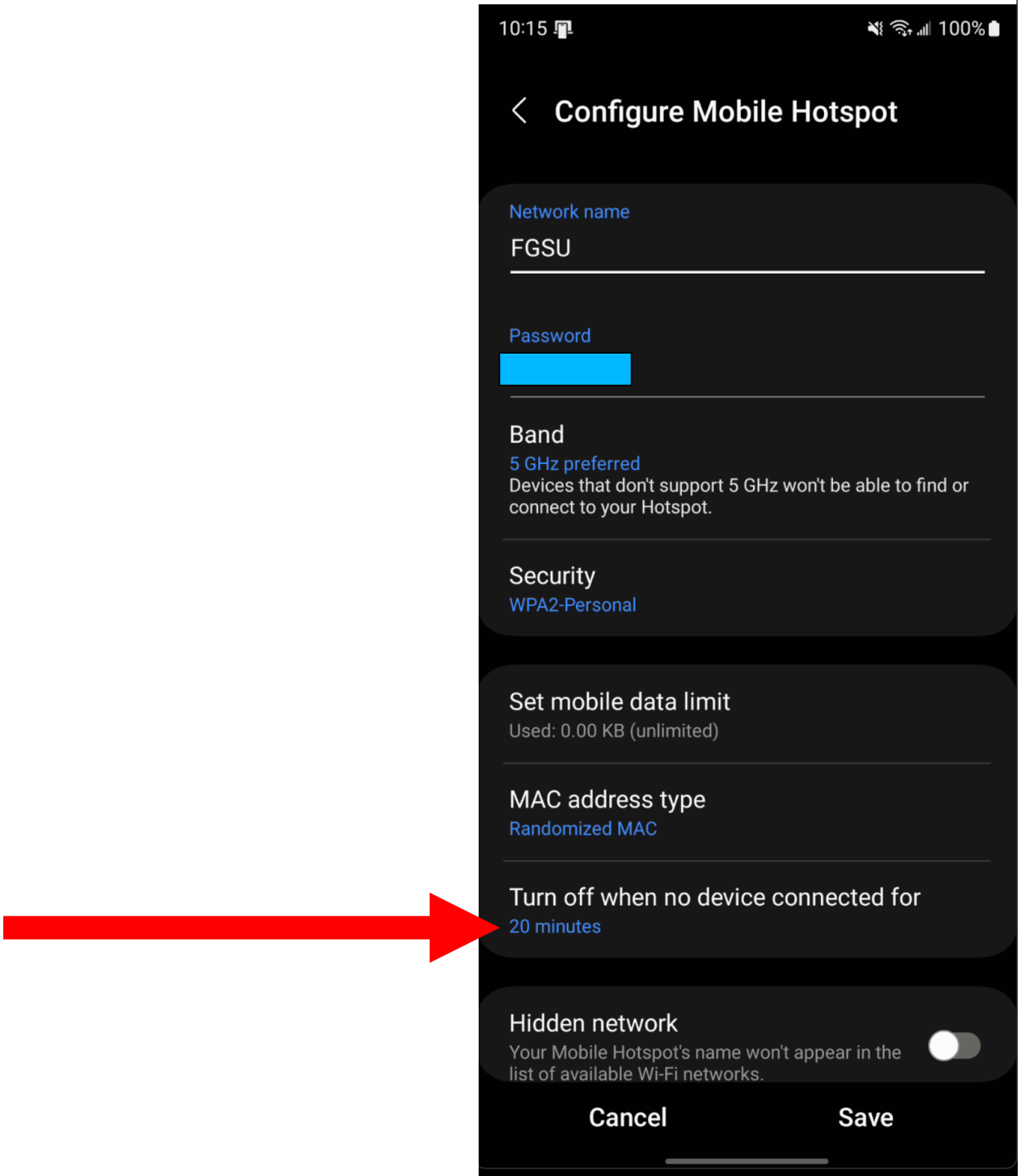
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

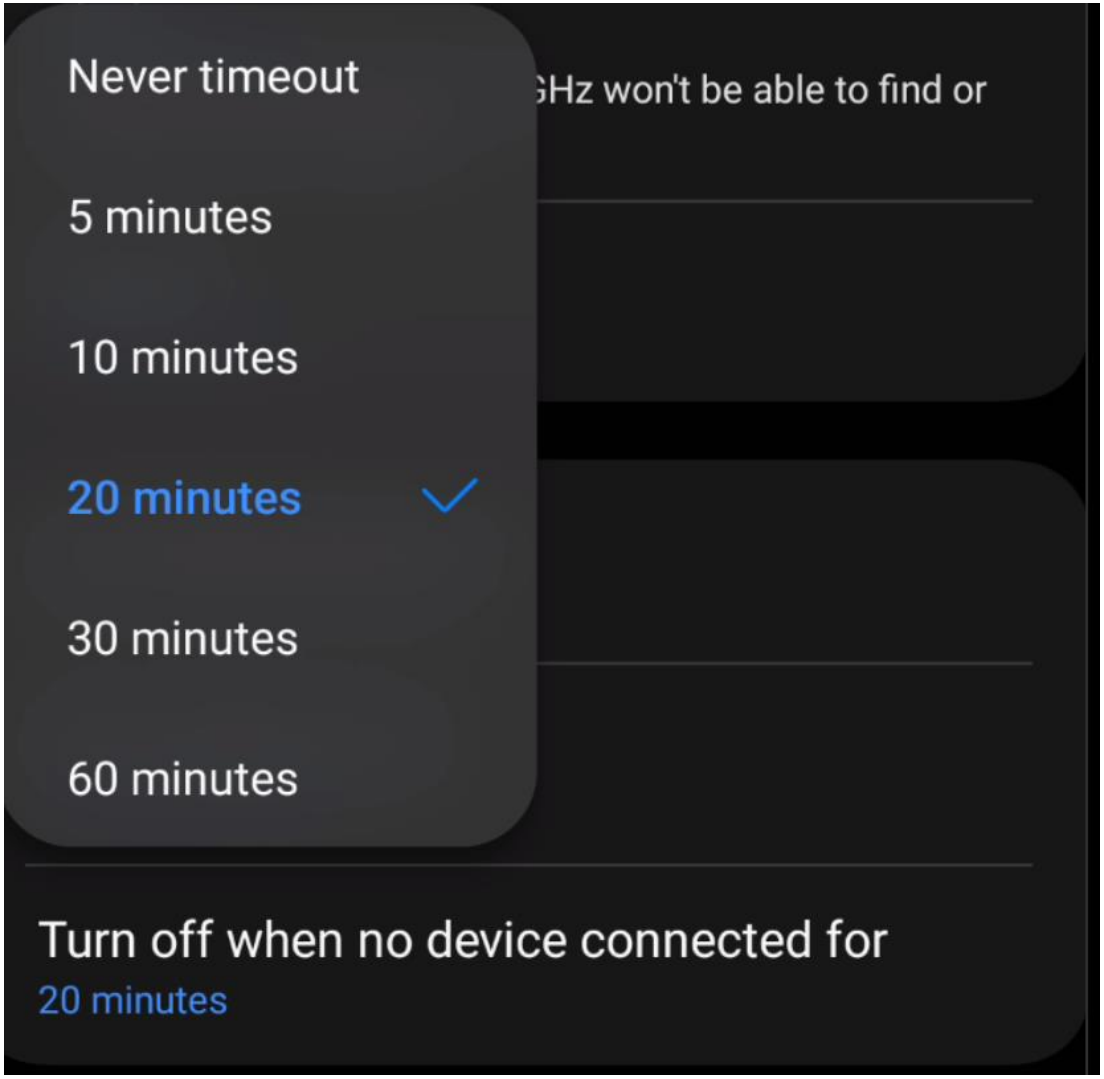
- SMALL STEP 117:
  Tap on "Advanced":

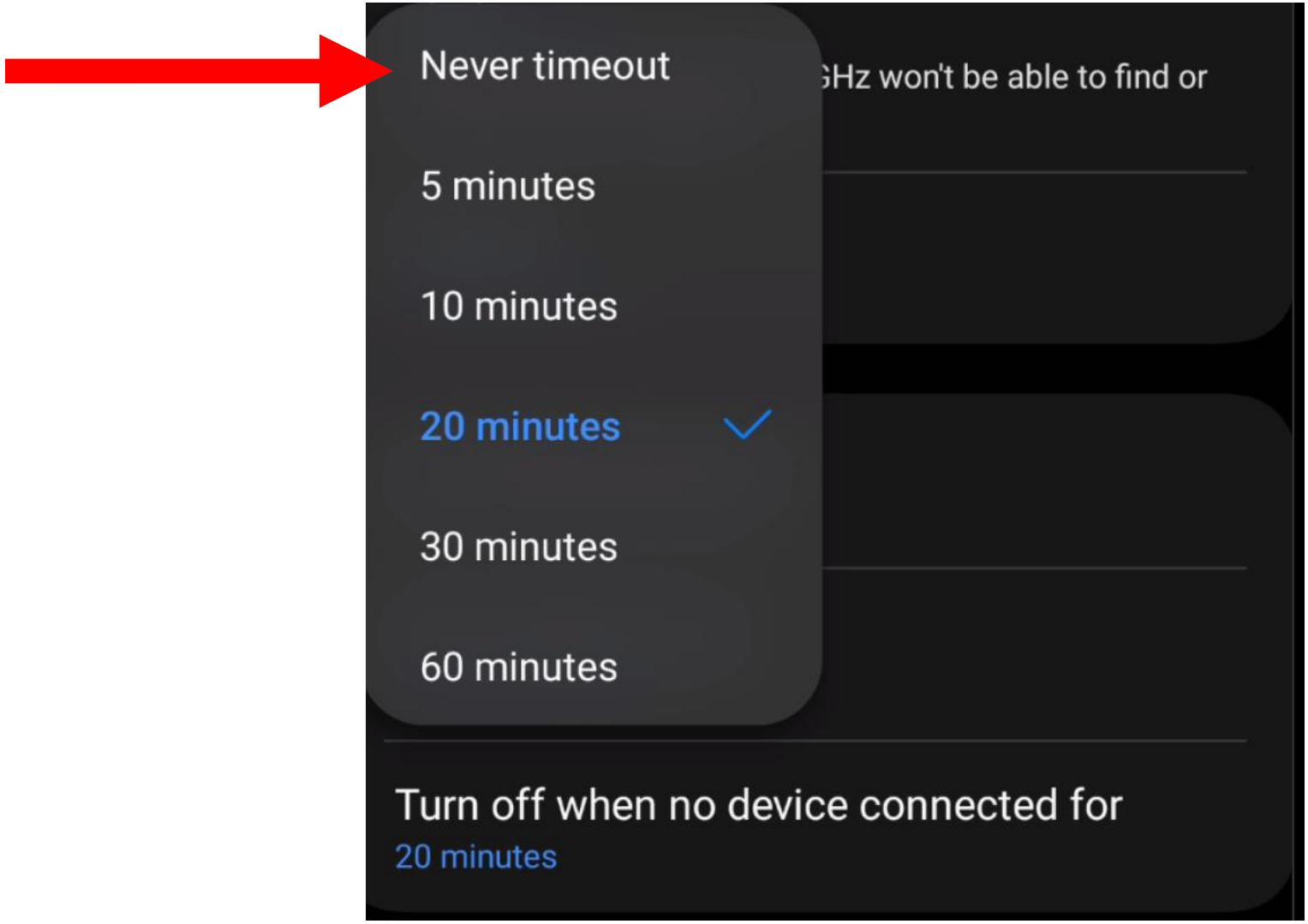

10:02
100%
Configure Mobile Hotspot
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 GHz won't be able to find or connect to your Hotspot.
Security
WPA2-Personal
Advanced
Cancel
Save

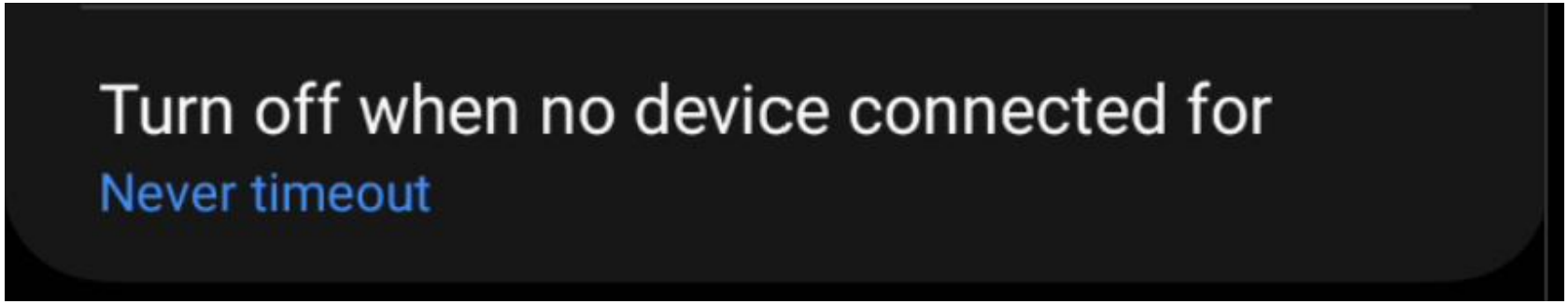
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

- SMALL STEP 118:
  Adjust the "Turn off when no device connected for"
  timeout delay to "Never time out":


10:15
100%
Configure Mobile Hotspot
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 GHz won't be able to find or connect to your Hotspot.
Security
WPA2-Personal
Set mobile data limit
Used: 0.00 KB (unlimited)
MAC address type
Randomized MAC
Turn off when no device connected for
20 minutes
Hidden network
Your Mobile Hotspot's name won't appear in the list of available Wi-Fi networks.
Cancel
Save

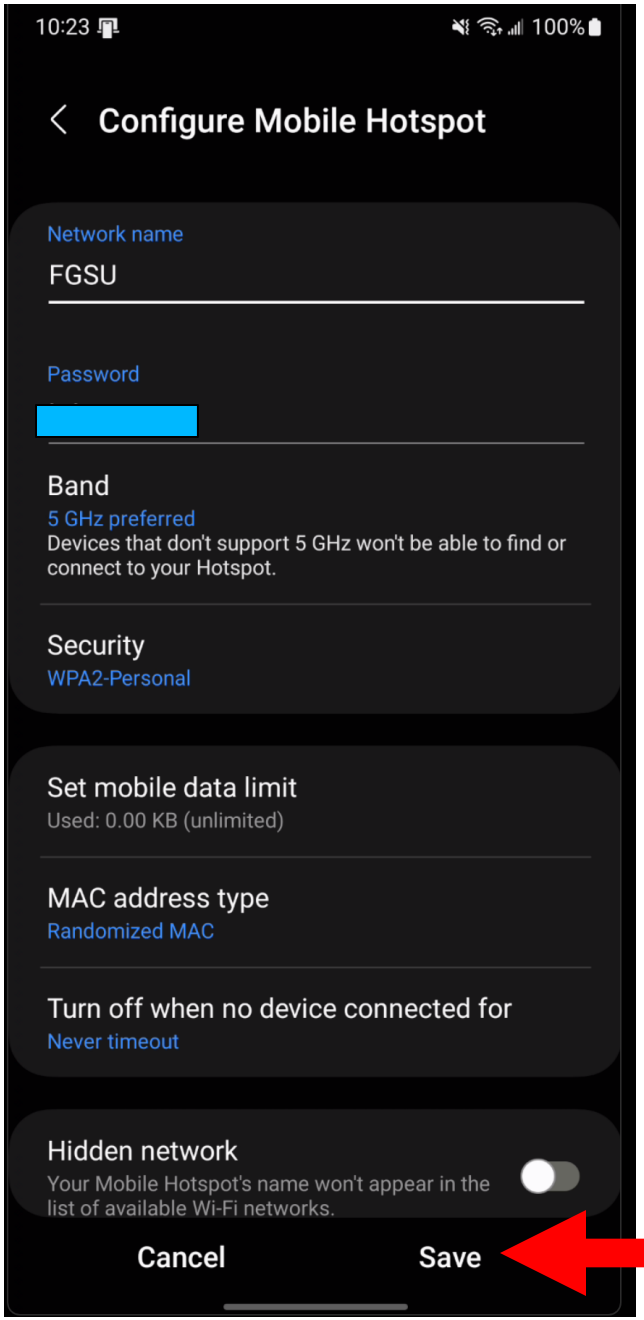

Never timeout
5 minutes
10 minutes
20 minutes
30 minutes
60 minutes
GHz won't be able to find or
Turn off when no device connected for
20 minutes


Never timeout
5 minutes
10 minutes
20 minutes
30 minutes
60 minutes
GHz won't be able to find or
Turn off when no device connected for
20 minutes


Turn off when no device connected for
Never timeout

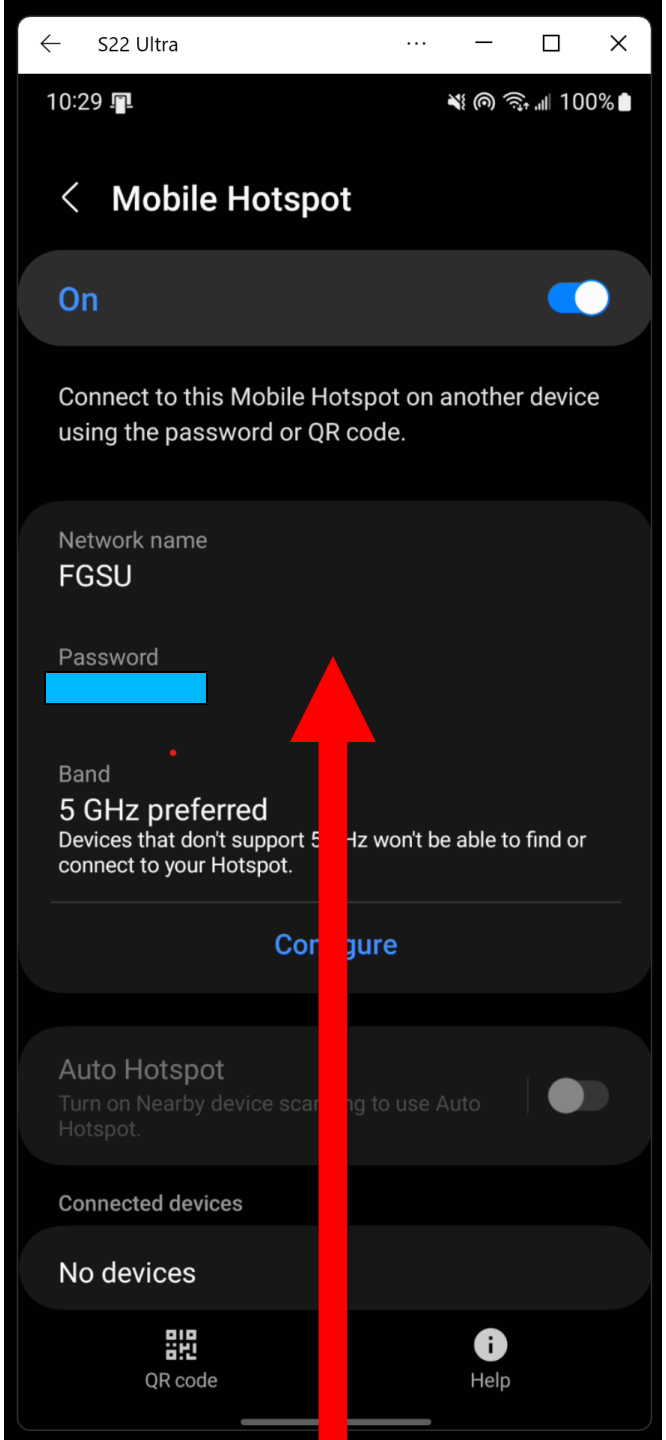
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

- SMALL STEP 119:
  Tap on "Save":


10:23
100%
Configure Mobile Hotspot
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 GHz won't be able to find or connect to your Hotspot.
Security
WPA2-Personal
Set mobile data limit
Used: 0.00 KB (unlimited)
MAC address type
Randomized MAC
Turn off when no device connected for
Never timeout
Hidden network
Your Mobile Hotspot's name won't appear in the list of available Wi-Fi networks.
Cancel
Save

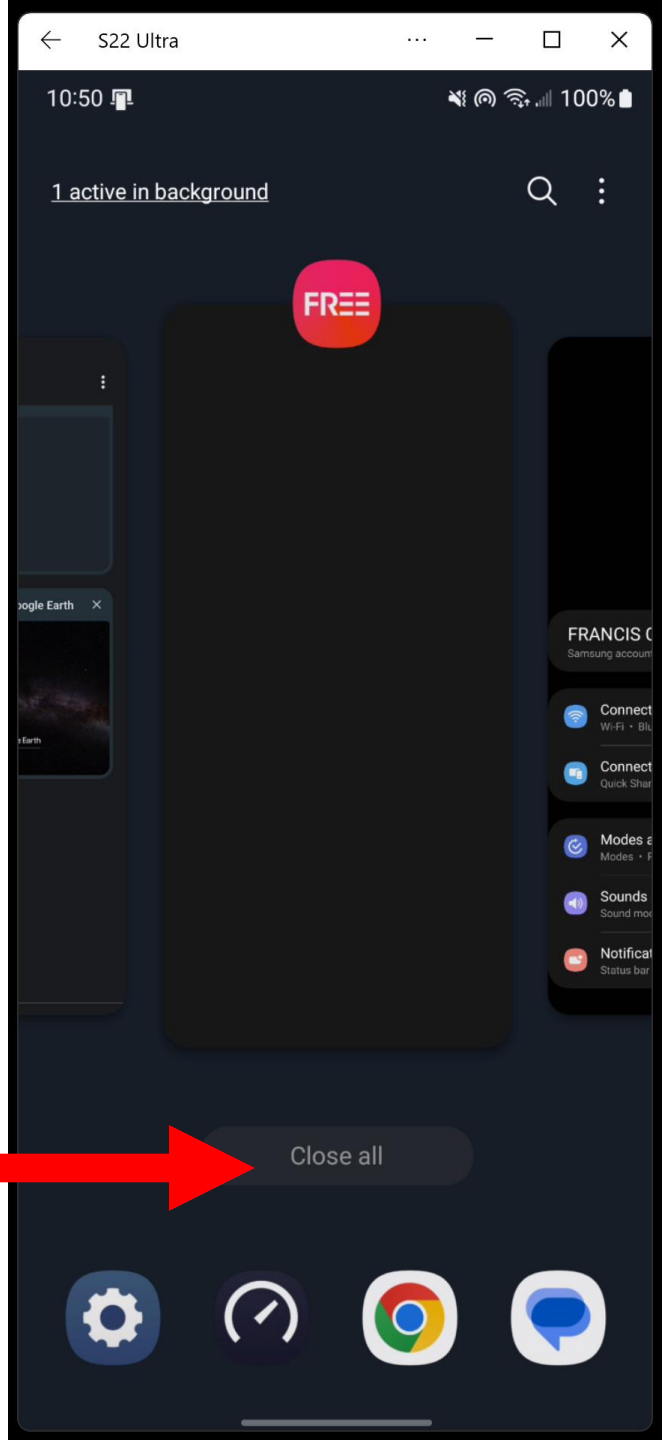
BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

- SMALL STEP 120:
  Swipe up from the bottom to close the "Settings" app:


S22 Ultra
10:29
100%
Mobile Hotspot
On
Connect to this Mobile Hotspot on another device using the password or QR code.
Network name
FGSU
Password
Band
5 GHz preferred
Devices that don't support 5 Hz won't be able to find or connect to your Hotspot.
Configure
Auto Hotspot
Turn on Nearby device scanning to use Auto Hotspot.
Connected devices
No devices
QR code
Help

BIG STEP 100 (Set up Wi-Fi hotspot emanating from Android cell phone) (continued)

- SMALL STEP 121:
  Tap on the "Close all" button.

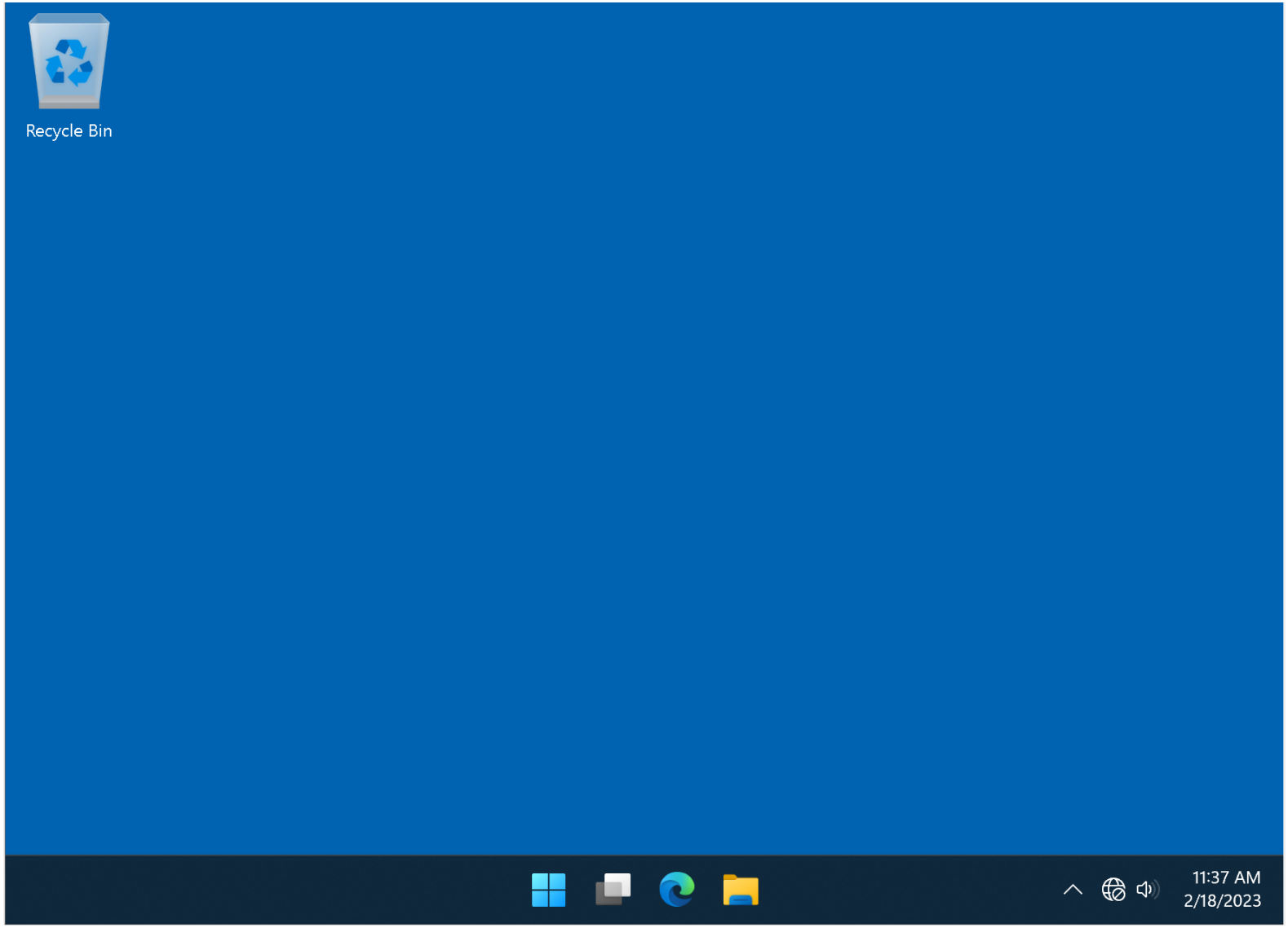

S22 Ultra
10:50
100%
1 active in background
FREE
Close all

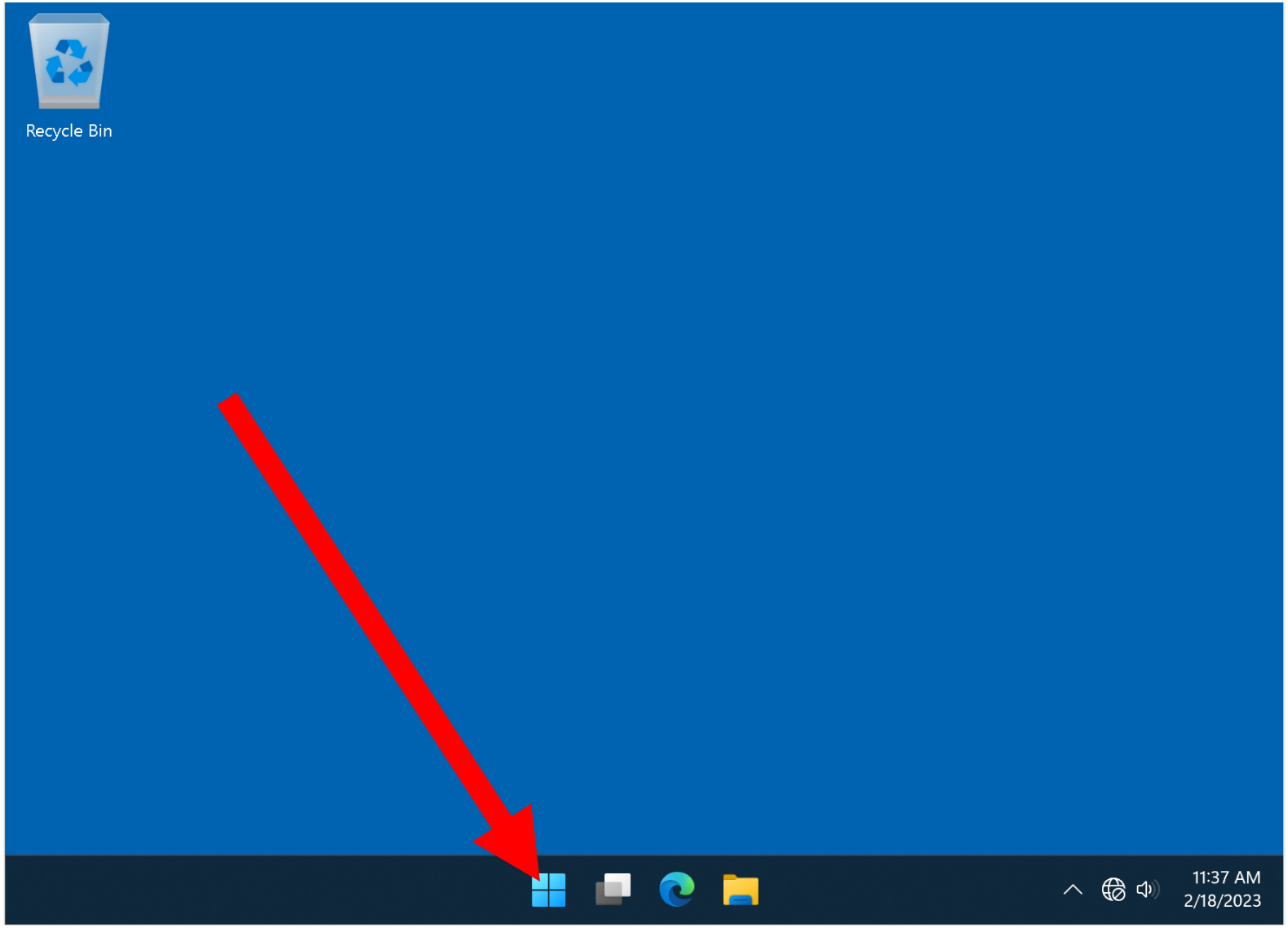
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device)

- SMALL STEP 201:
  From the client computer, tablet, or cell phone (the device that you wish to provide an Internet connect for), go to either
  "Network Connections"
  or
  "Settings"

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device)

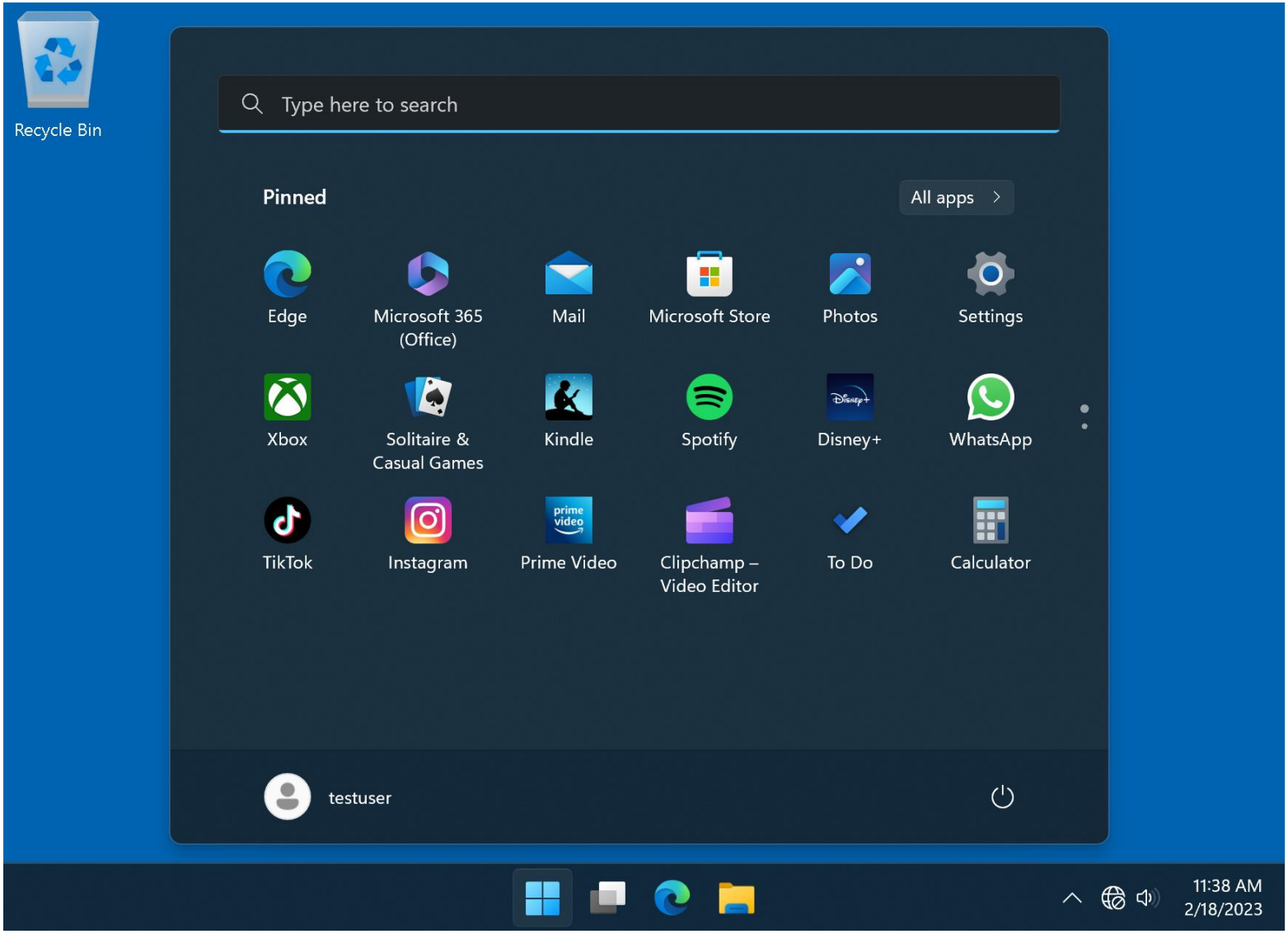
- SMALL STEP 202:
  From a Windows.. computer, use the left mouse button to click on the "Start" button:

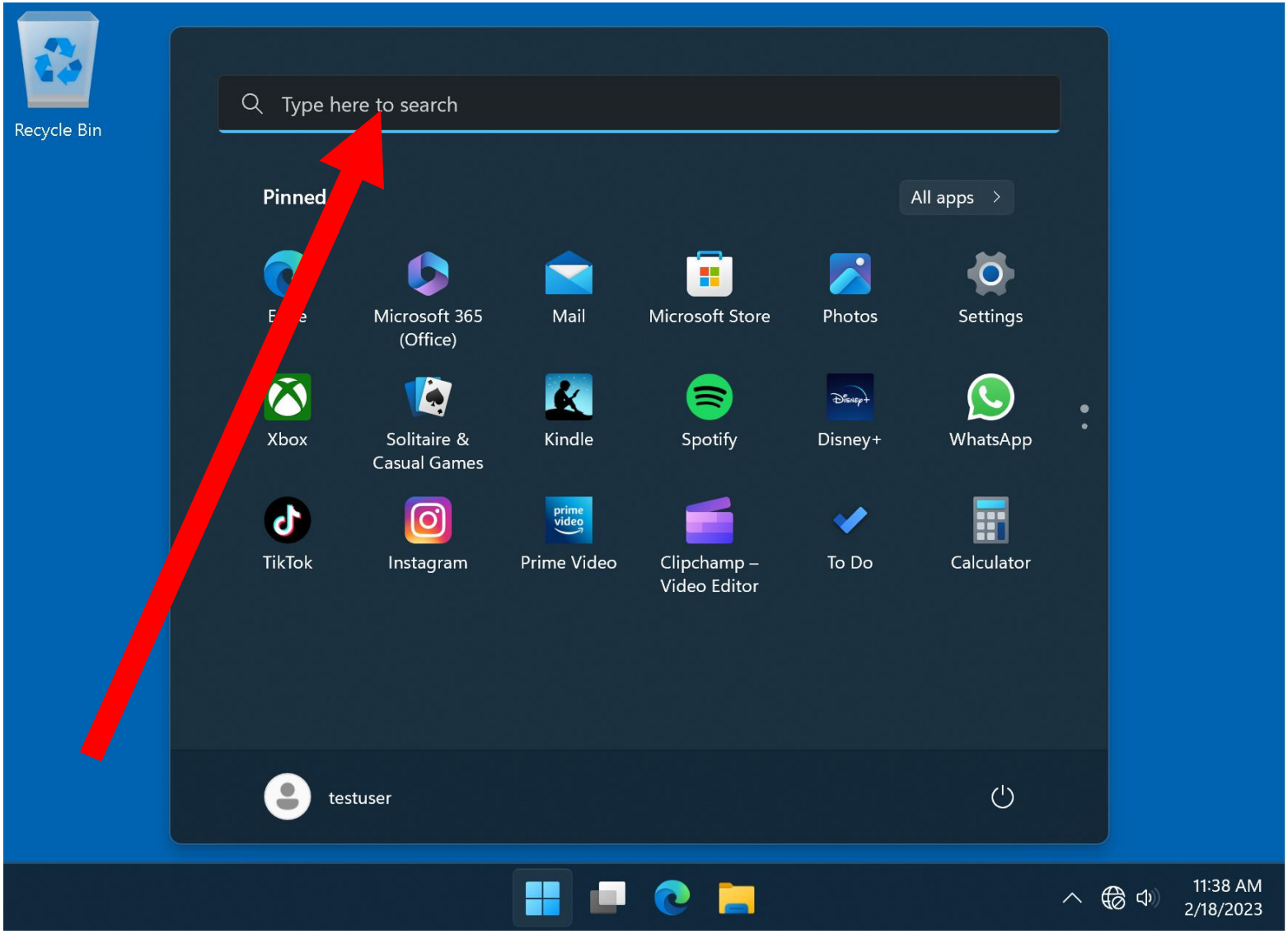

Recycle Bin
11:37 AM
2/18/2023


Recycle Bin
11:37 AM
2/18/2023

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device)

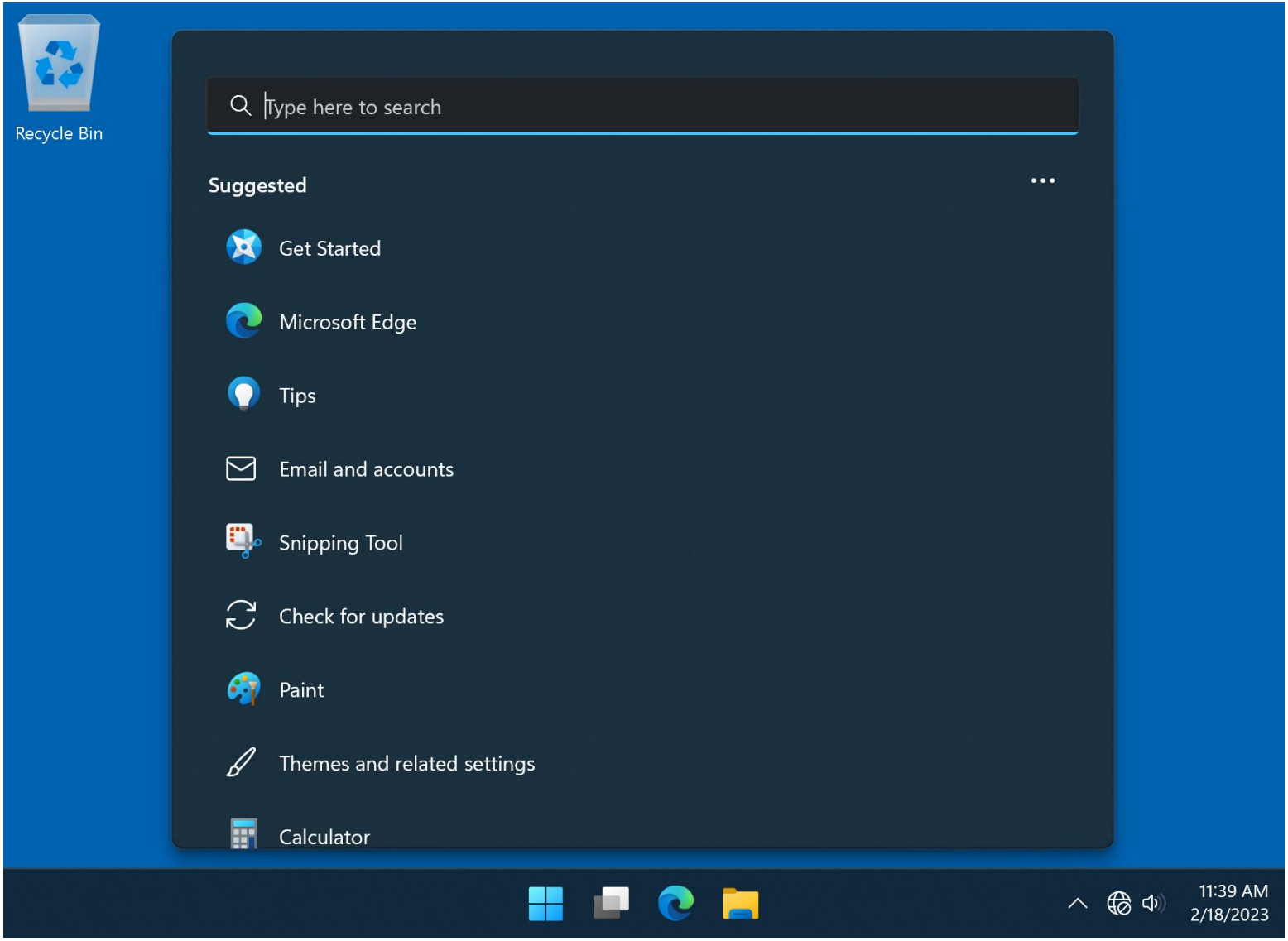
- SMALL STEP 203:
  Click on the "Search" field:


Recycle Bin
Type here to search
Pinned
All apps
Edge
Microsoft 365 (Office)
Mail
Microsoft Store
Photos
Settings
Xbox
Solitaire & Casual Games
Kindle
Spotify
Disney+
WhatsApp
TikTok
Instagram
Prime Video
Clipchamp – Video Editor
To Do
Calculator
testuser
11:38 AM
2/18/2023


Recycle Bin
Type here to search
Pinned
All apps
Microsoft 365 (Office)
Mail
Microsoft Store
Photos
Settings
Xbox
Solitaire & Casual Games
Kindle
Spotify
Disney+
WhatsApp
TikTok
Instagram
Prime Video
Clipchamp – Video Editor
To Do
Calculator
testuser
11:38 AM
2/18/2023

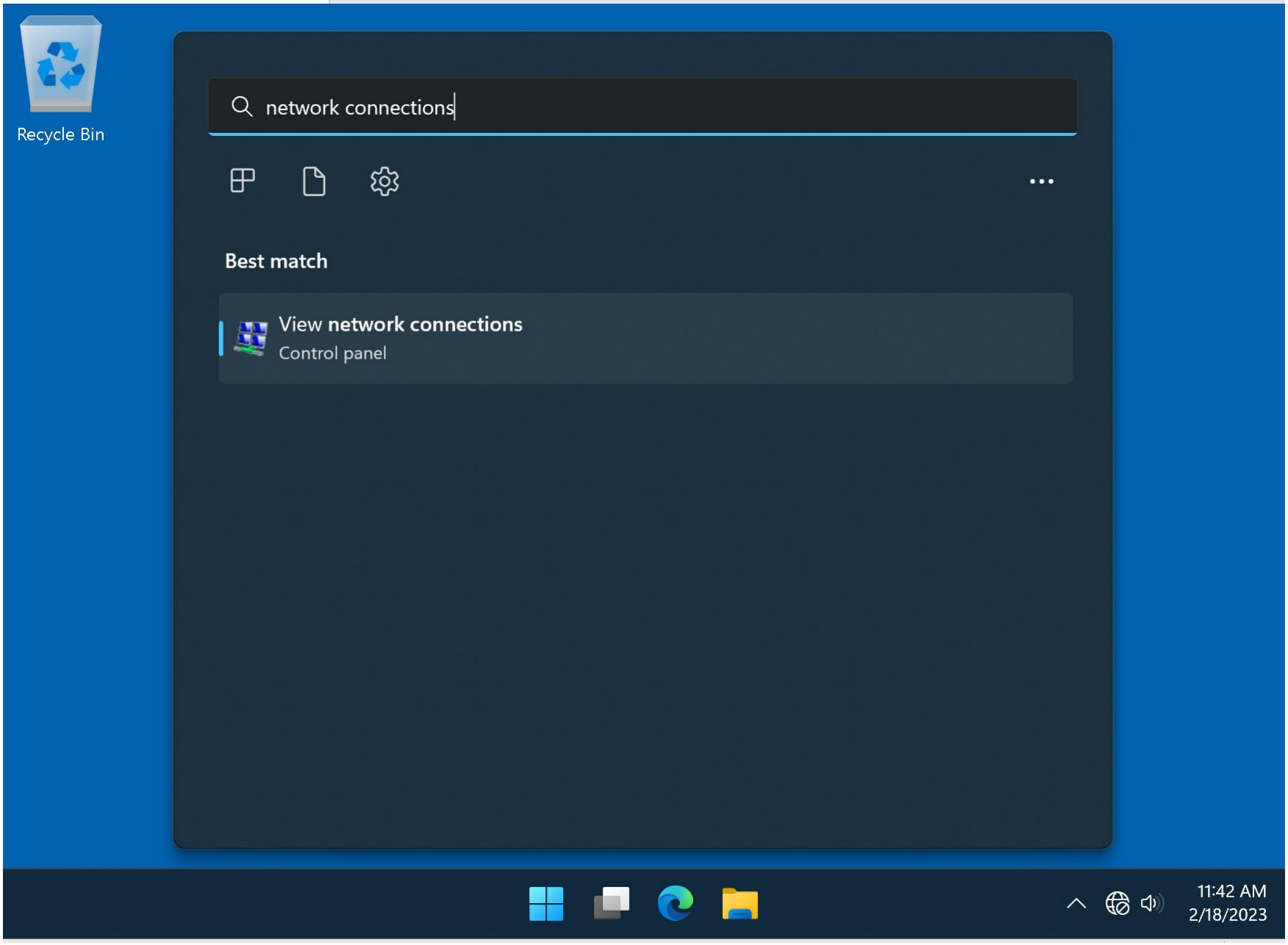
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device)

- SMALL STEP 204:
  A pop-up window will be displayed:


Recycle Bin
Type here to search
Suggested
Get Started
Microsoft Edge
Tips
Email and accounts
Snipping Tool
Check for updates
Paint
Themes and related settings
Calculator
11:39 AM
2/18/2023

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device)

- SMALL STEP 205:
  Type in
  network connections
  into the search box of the pop-up window:

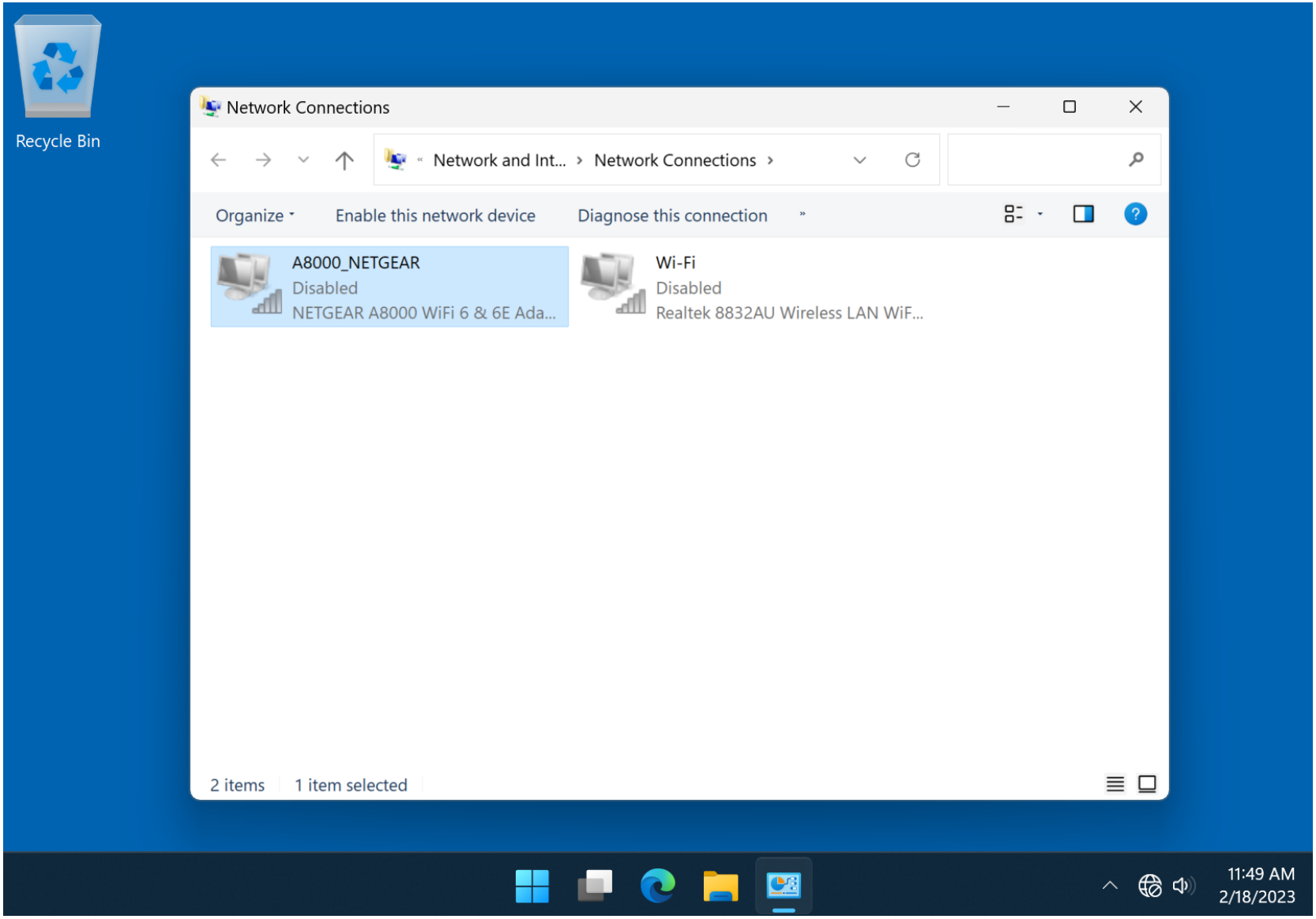

Recycle Bin
network connections
Best match
View network connections
Control panel
11:42 AM
2/18/2023

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device)

- SMALL STEP 206:
  Press the Enter key of the computer's keyboard.

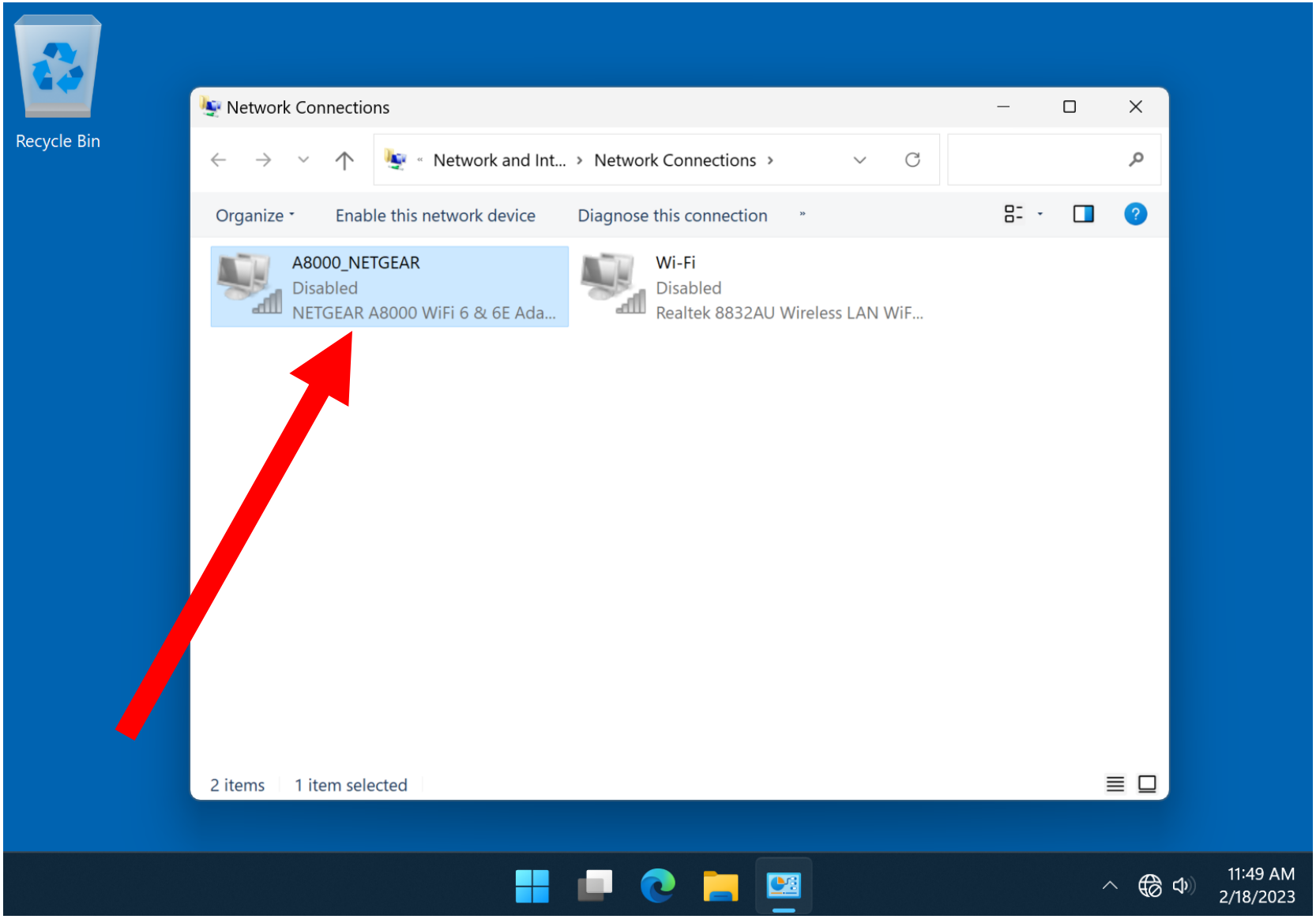
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device)

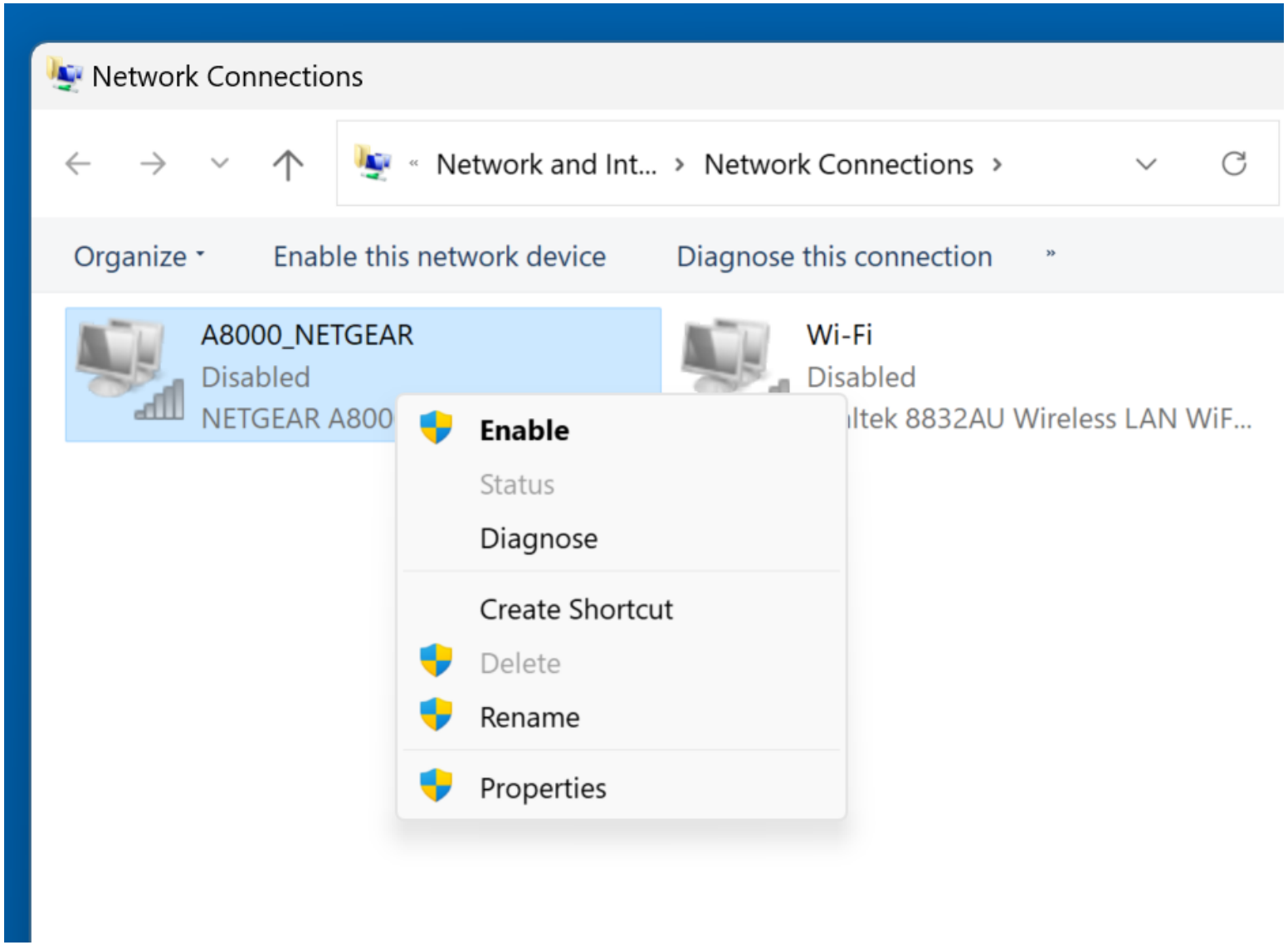
- SMALL STEP 207:
  A "Network Connections" window will be displayed.

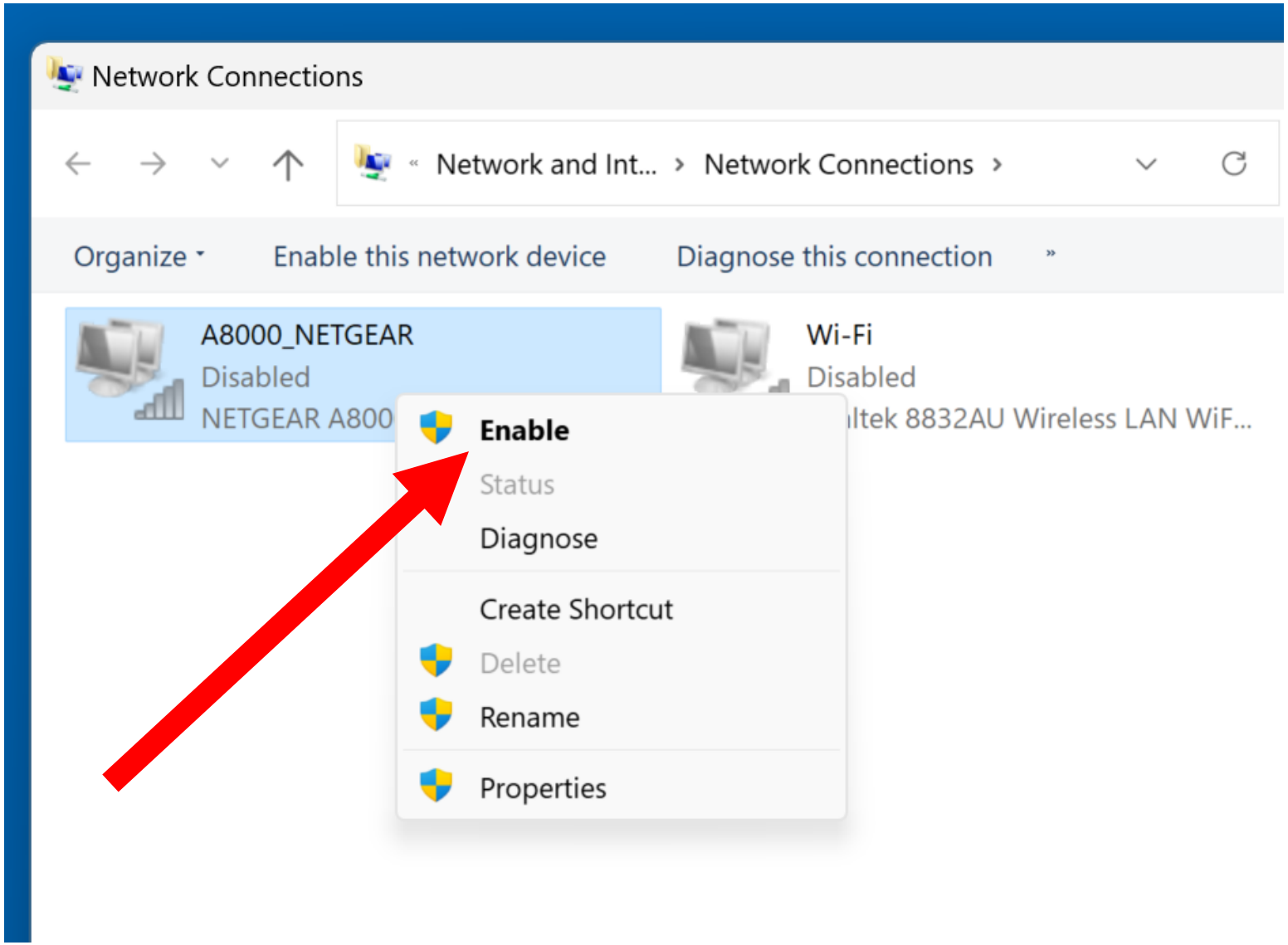

Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Enable this network device
Diagnose this connection
A8000_NETGEAR
Disabled
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU Wireless LAN WiF...
2 items
1 item selected
11:49 AM
2/18/2023

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 208:
  If no "Wi-Fi adapter" is "enabled" (=all Wi-Fi adapters are disabled), pick one and enable it by using the right mouse button to click on it:

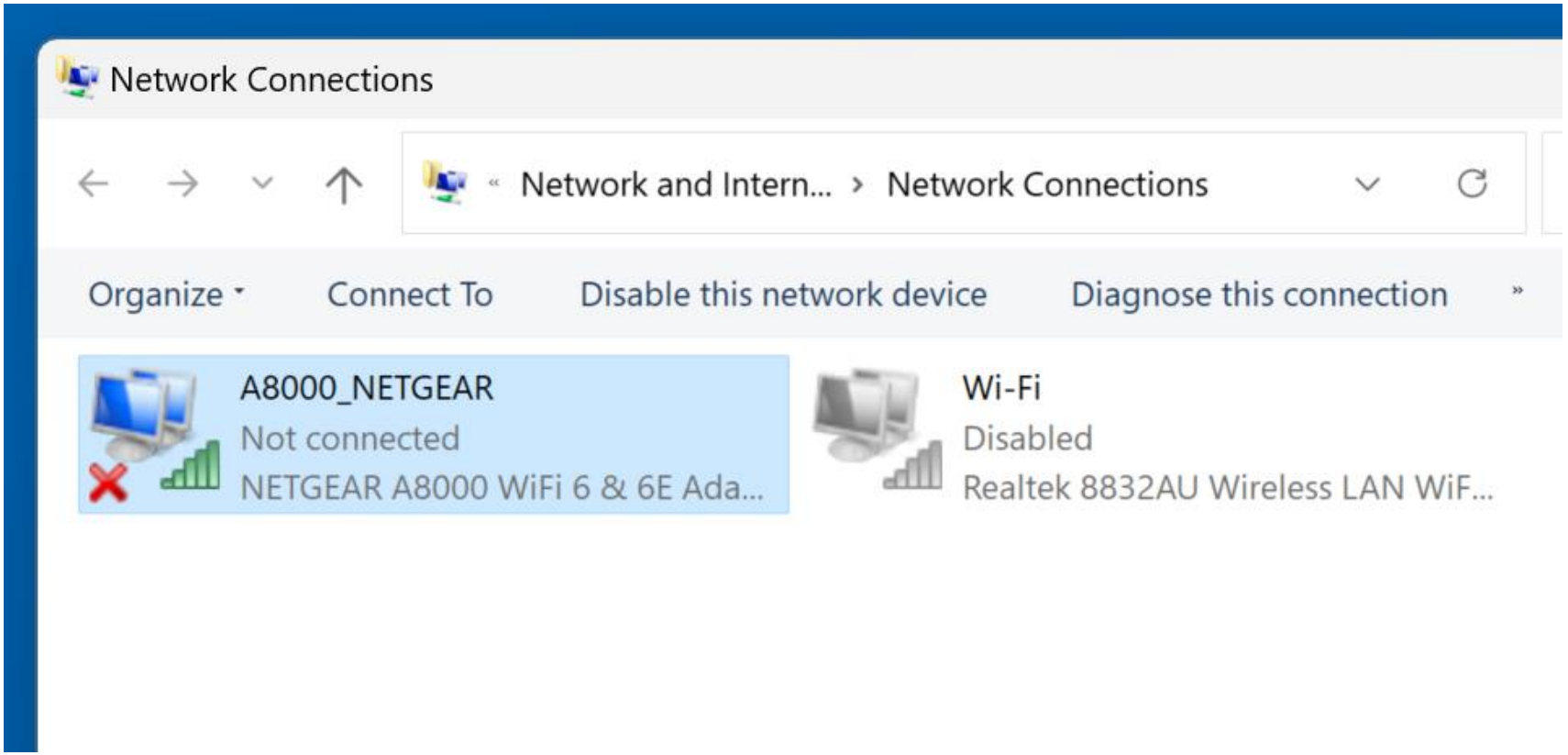

Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Enable this network device
Diagnose this connection
A8000_NETGEAR
Disabled
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU Wireless LAN WiF...
2 items
1 item selected
11:49 AM
2/18/2023


Network Connections
Network and Int... › Network Connections ›
Organize
Enable this network device
Diagnose this connection
A8000_NETGEAR
Disabled
NETGEAR A800
Wi-Fi
Disabled
ltek 8832AU Wireless LAN WiF...
Enable
Status
Diagnose
Create Shortcut
Delete
Rename
Properties


Network Connections
Network and Int... › Network Connections ›
Organize
Enable this network device
Diagnose this connection
A8000_NETGEAR
Disabled
NETGEAR A800
Wi-Fi
Disabled
ltek 8832AU Wireless LAN WiF...
Enable
Status
Diagnose
Create Shortcut
Delete
Rename
Properties

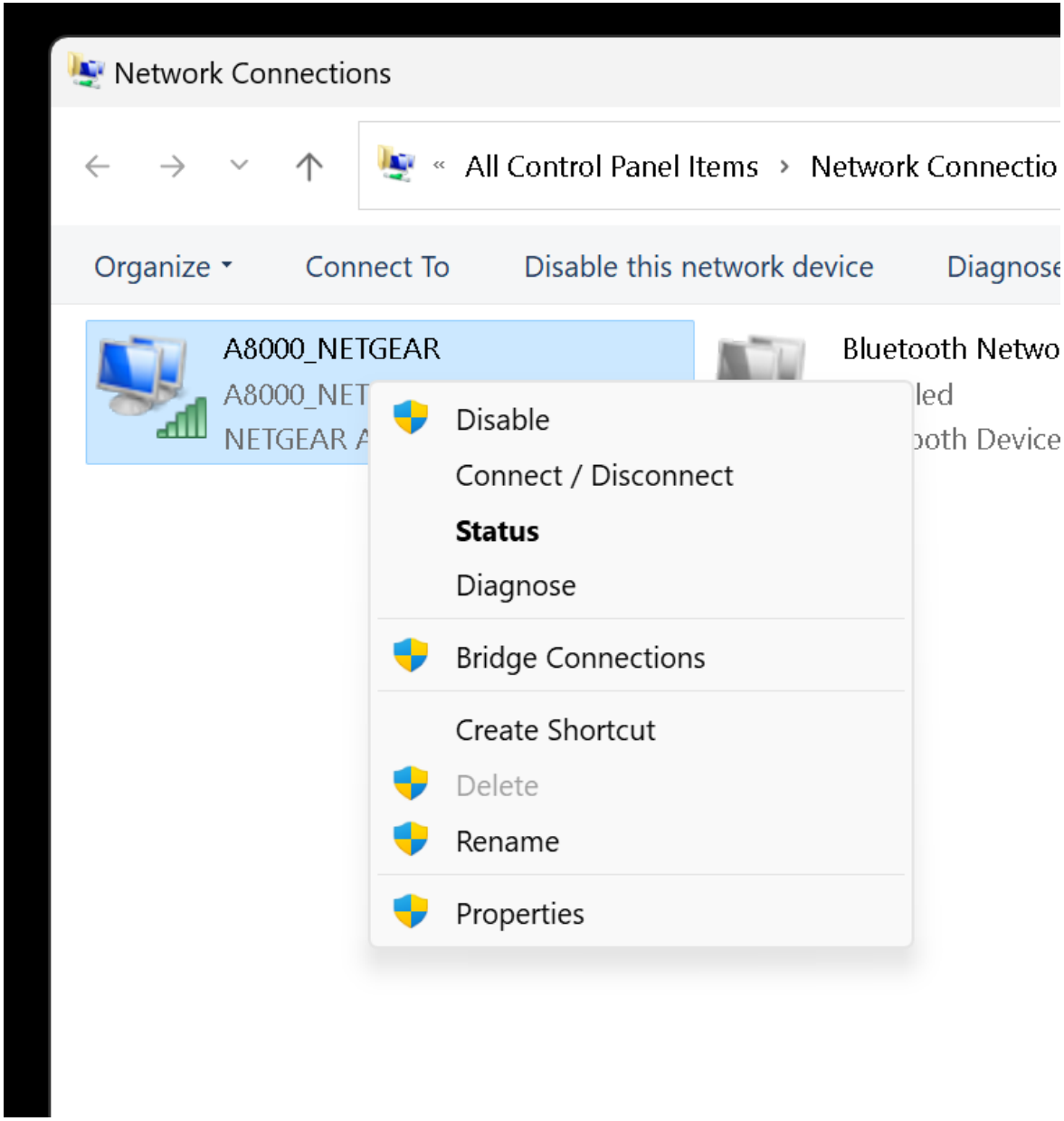
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 208 (continued):
  After you enable a Wi-Fi adapter, it will show that it is now "Not connected":


Network Connections
Network and Intern... › Network Connections
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
Not connected
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU Wireless LAN WiF...

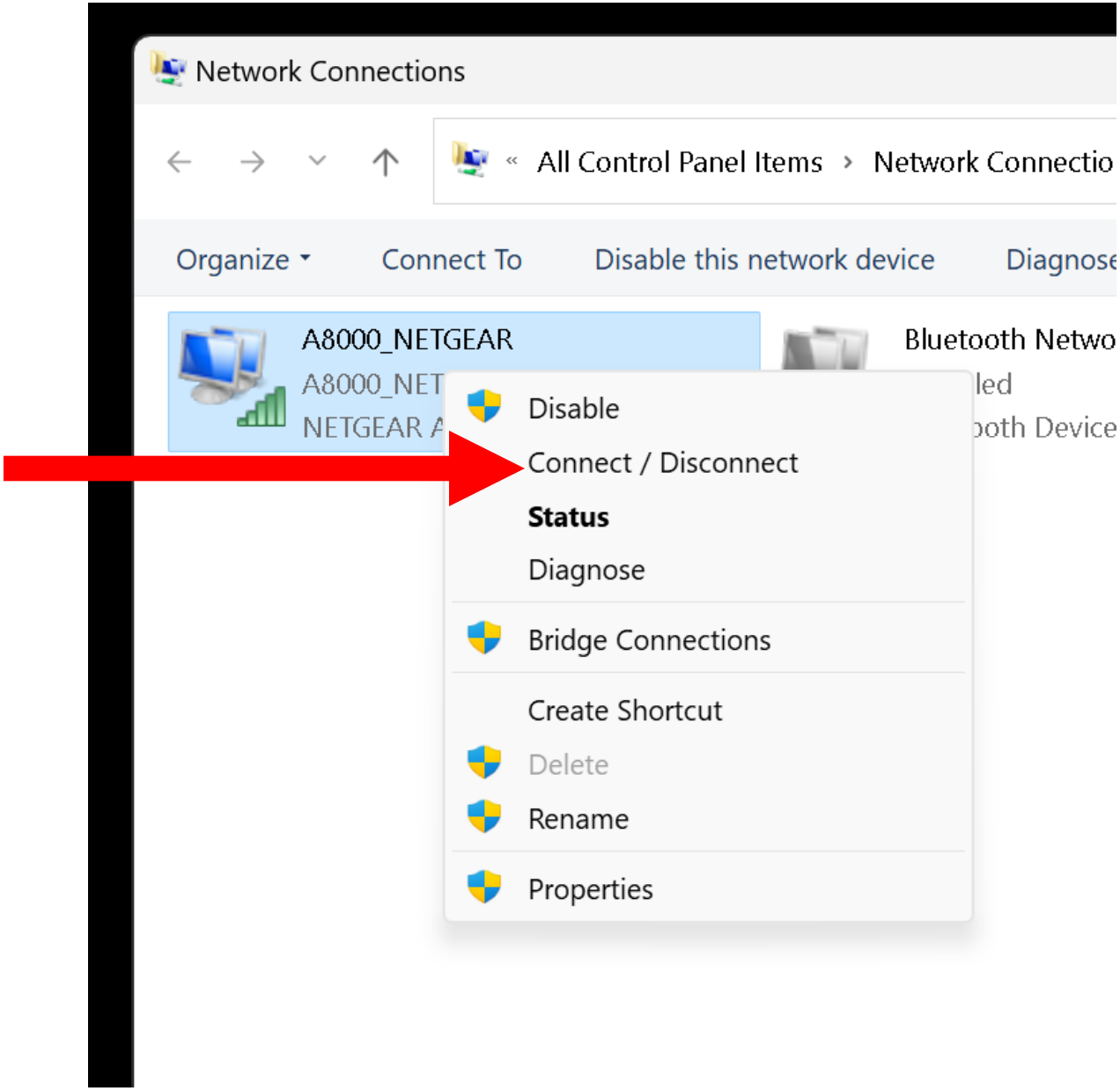
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 209:
  Use the enabled Wi-Fi adapter to connect to the "Wireless Access Point" that is emanating from the Android cell phone as follows:
  Use the right mouse button to click on the enabled Wi-Fi adapter:


Network Connections
« All Control Panel Items › Network Connectio
Organize
Connect To
Disable this network device
Diagnose
A8000_NETGEAR
A8000_NET
NETGEAR A
Bluetooth Netwo
led
ooth Device
Disable
Connect / Disconnect
Status
Diagnose
Bridge Connections
Create Shortcut
Delete
Rename
Properties

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

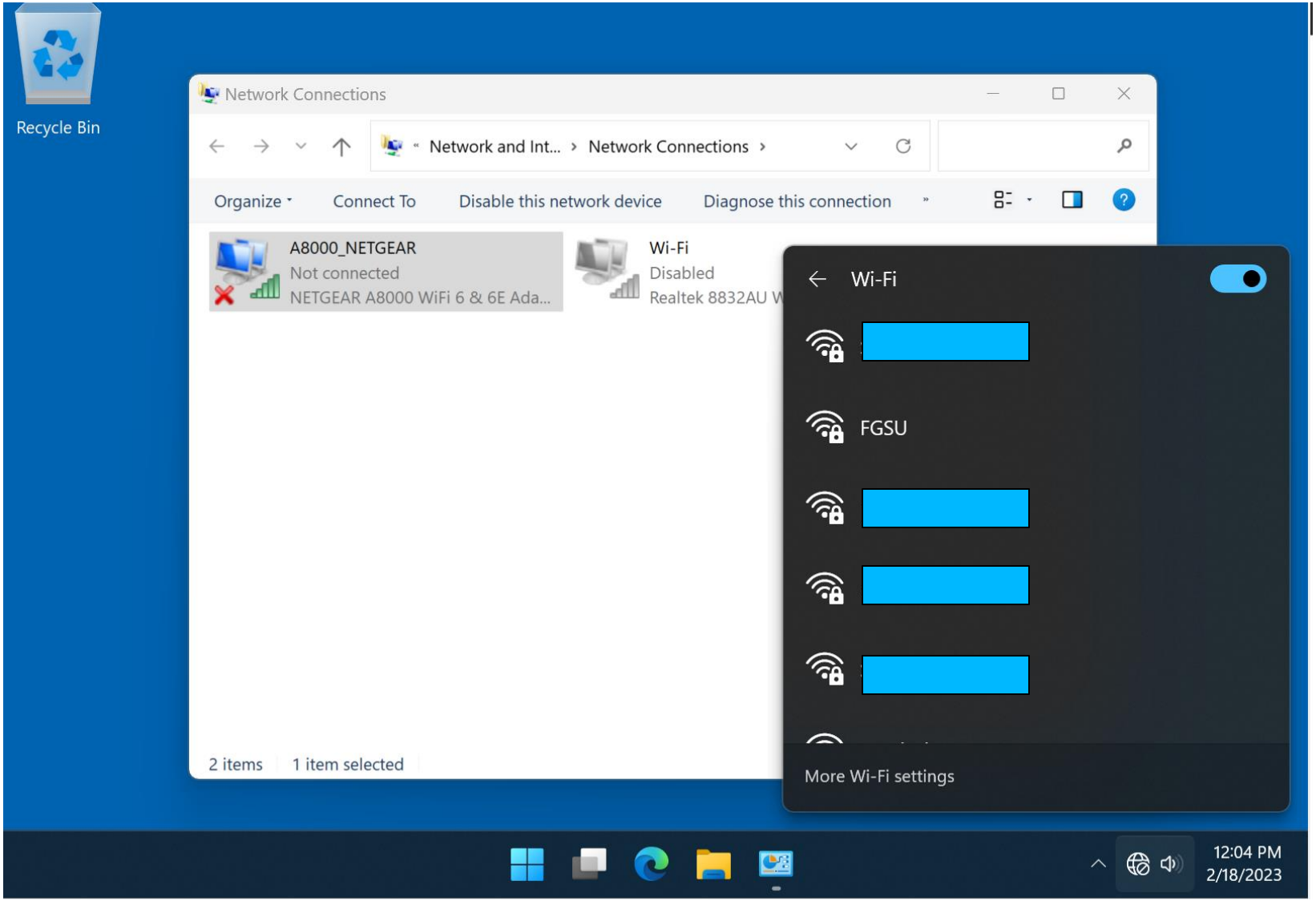
- SMALL STEP 210:
  Use the left mouse button to click on "Connect / disconnect":


Network Connections
All Control Panel Items › Network Connectio
Organize
Connect To
Disable this network device
Diagnose
A8000_NETGEAR
A8000_NET
NETGEAR A
Bluetooth Netwo
led
ooth Device
Disable
Connect / Disconnect
Status
Diagnose
Bridge Connections
Create Shortcut
Delete
Rename
Properties

Connect / Disconnect

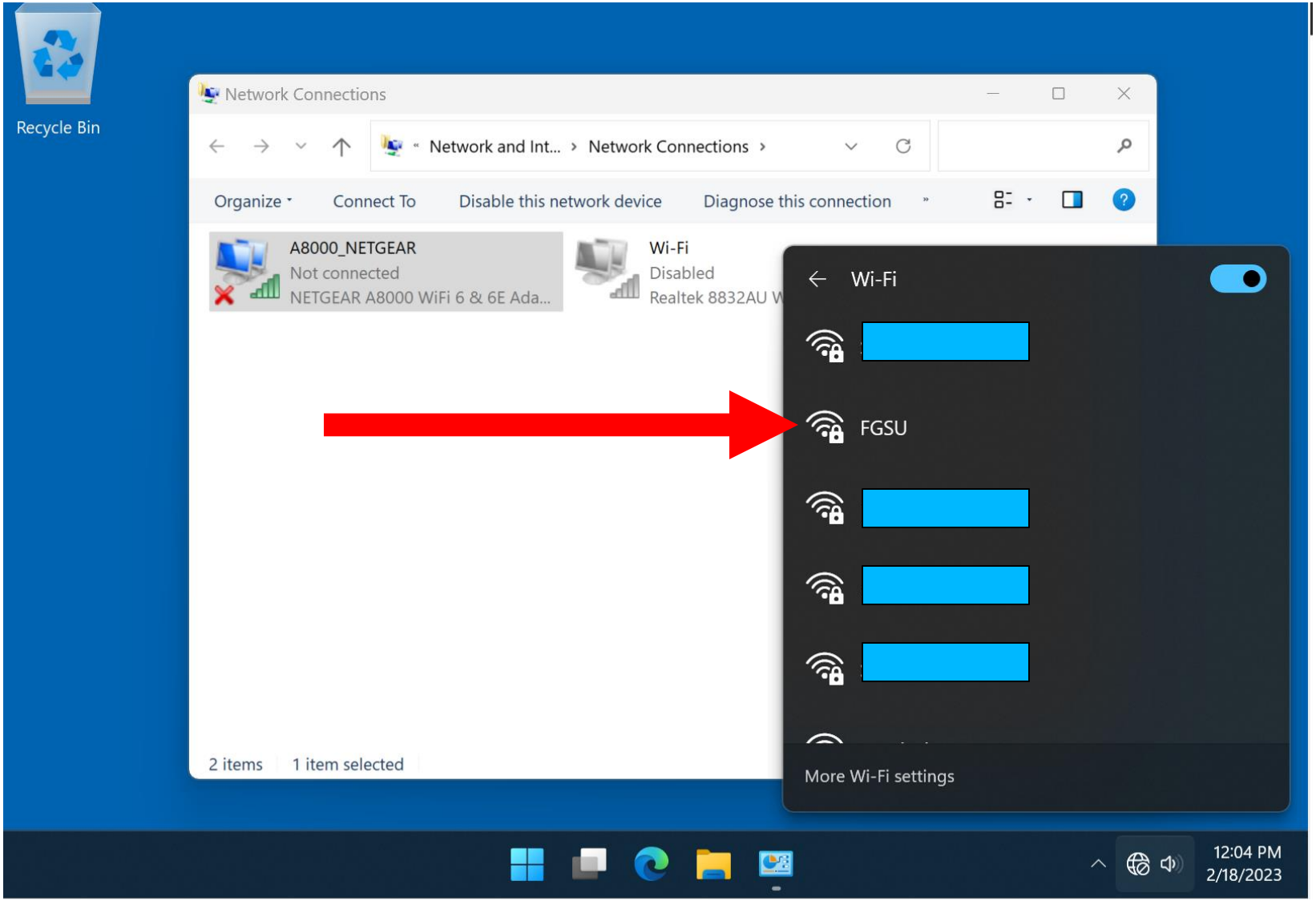
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 211:
  A list of one or more Wi-Fi "Wireless Access Points" will pop up in the lower-right area of the Windows "Desktop":


Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
Not connected
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU W
2 items
1 item selected
Wi-Fi
FGSU
More Wi-Fi settings
12:04 PM
2/18/2023

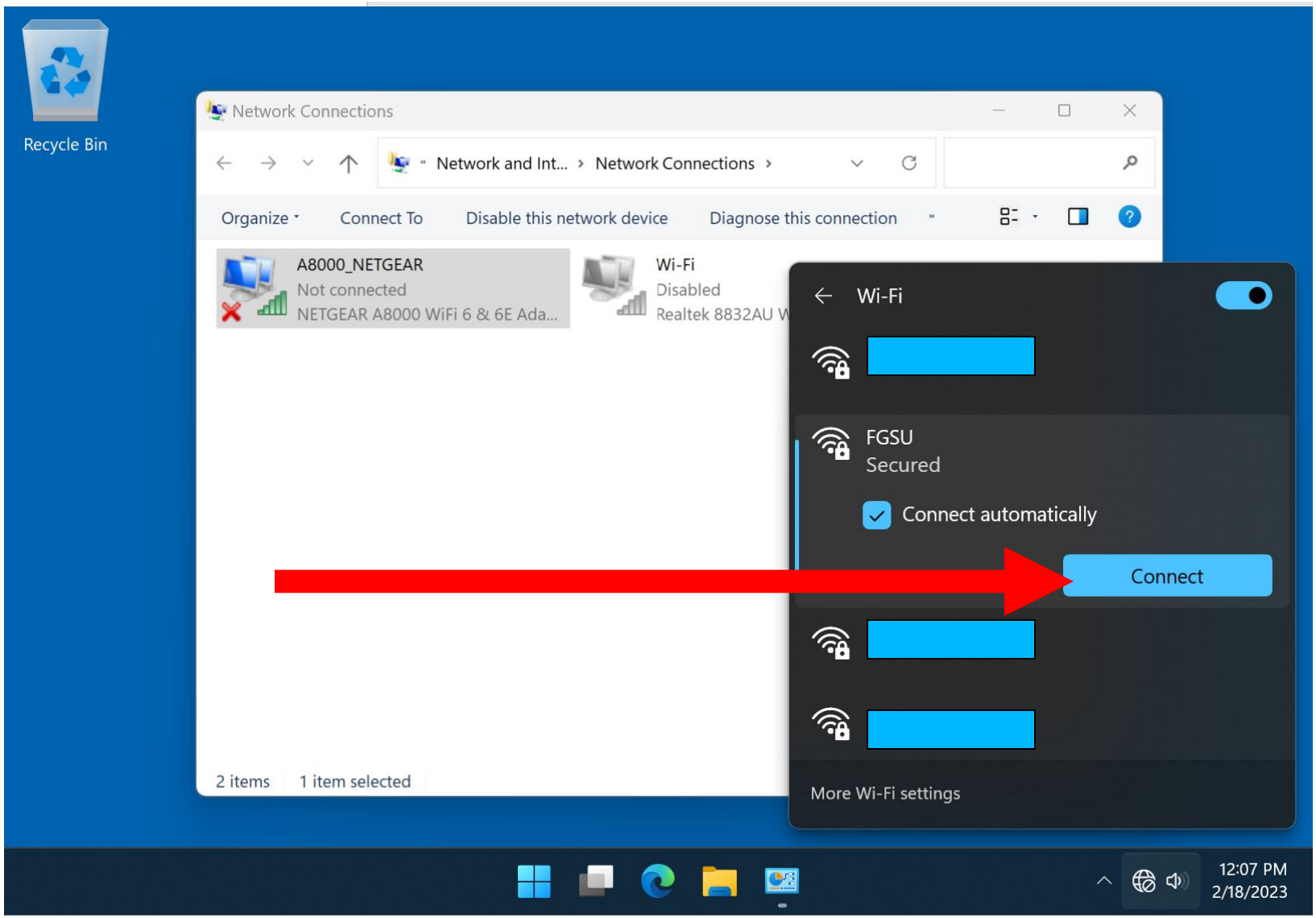
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 212:
  Use the left mouse button to click on the "Wireless Access Point" that corresponds to the one that is emanating from your Android cell phone:


Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
Not connected
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU W
2 items
1 item selected
Wi-Fi
FGSU
More Wi-Fi settings
12:04 PM
2/18/2023

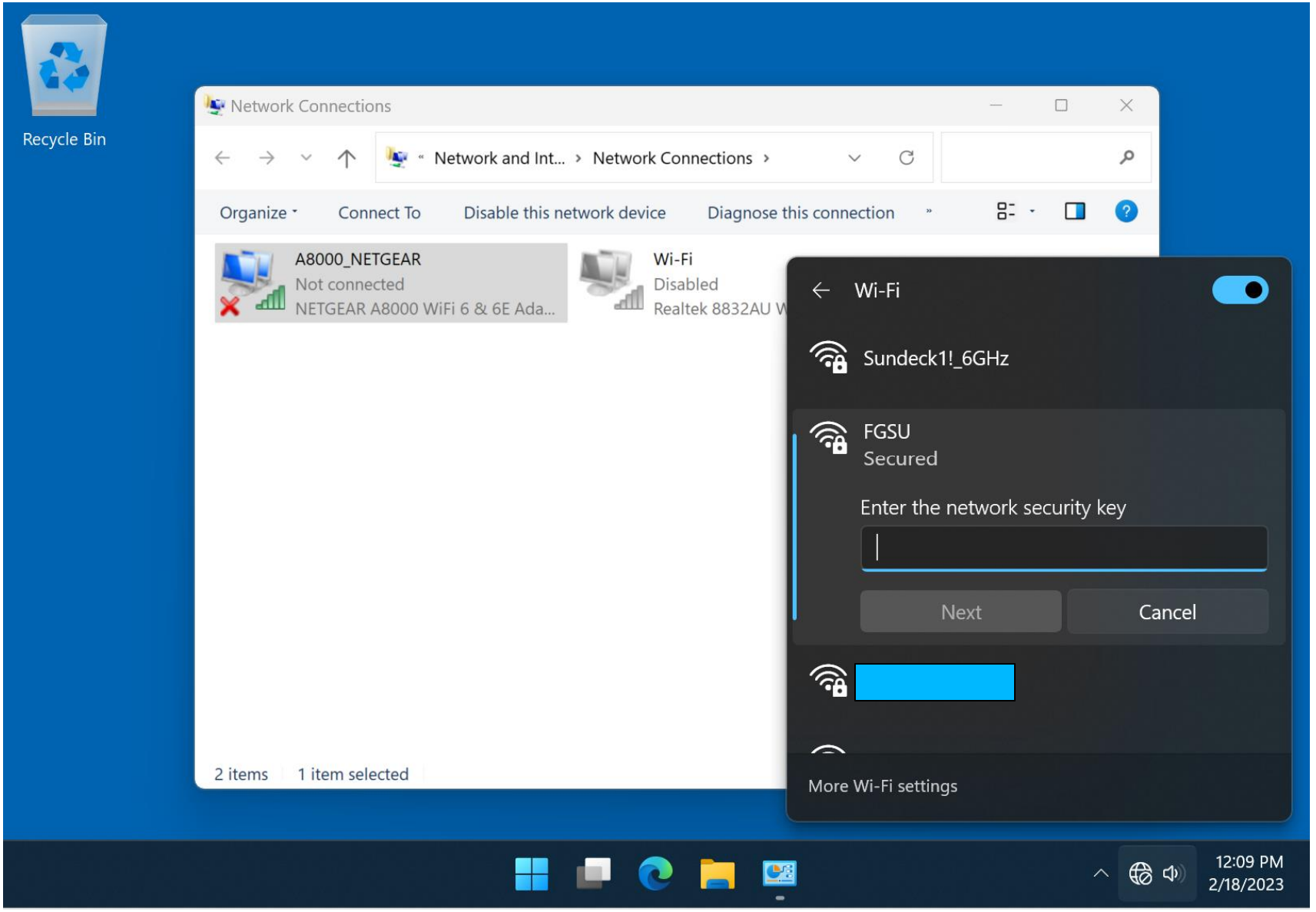
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 213:
  Use the left mouse button to click on the "Connect" button:


Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
Not connected
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU W
2 items
1 item selected
Wi-Fi
FGSU
Secured
Connect automatically
Connect
More Wi-Fi settings
12:07 PM
2/18/2023

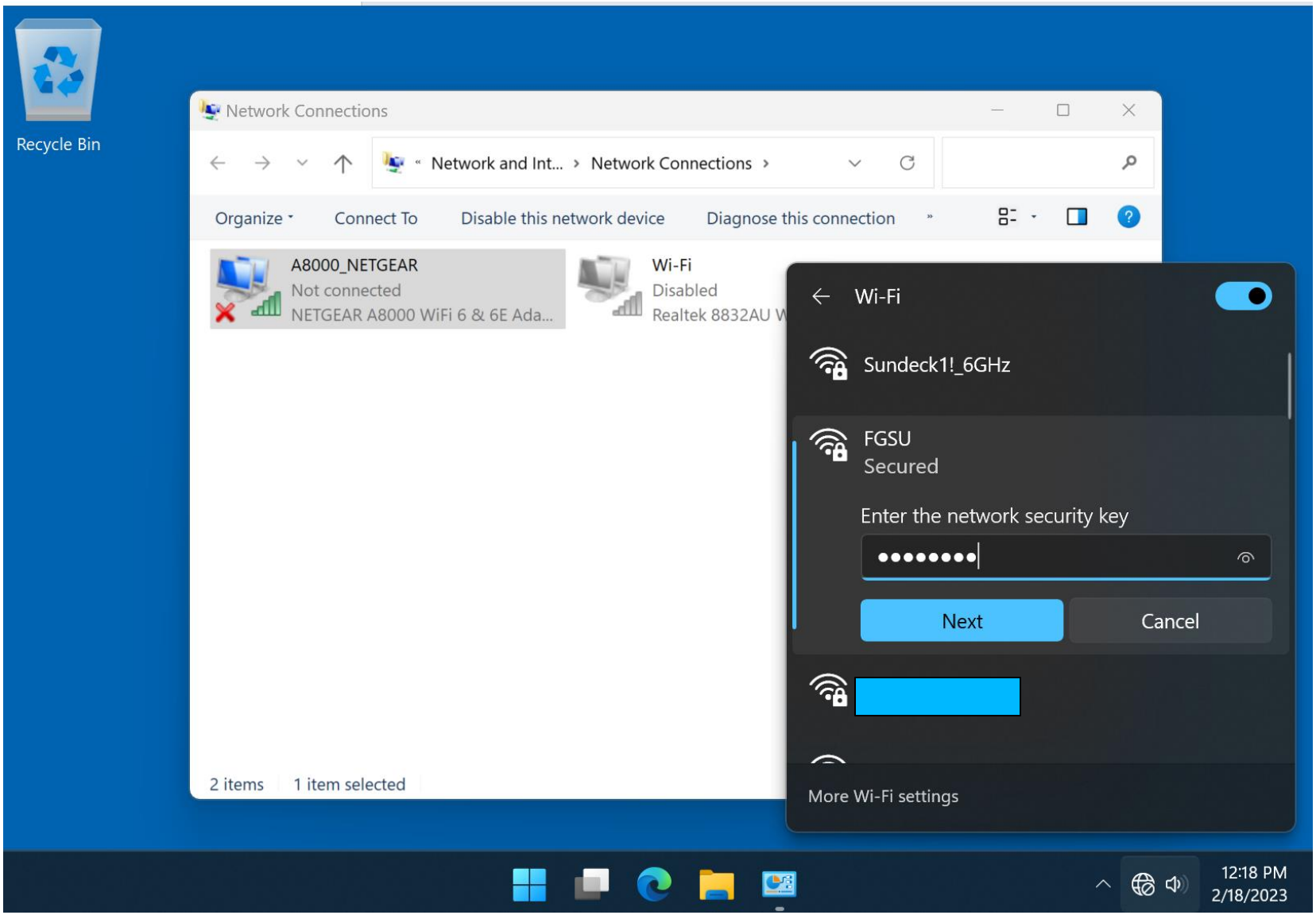
BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

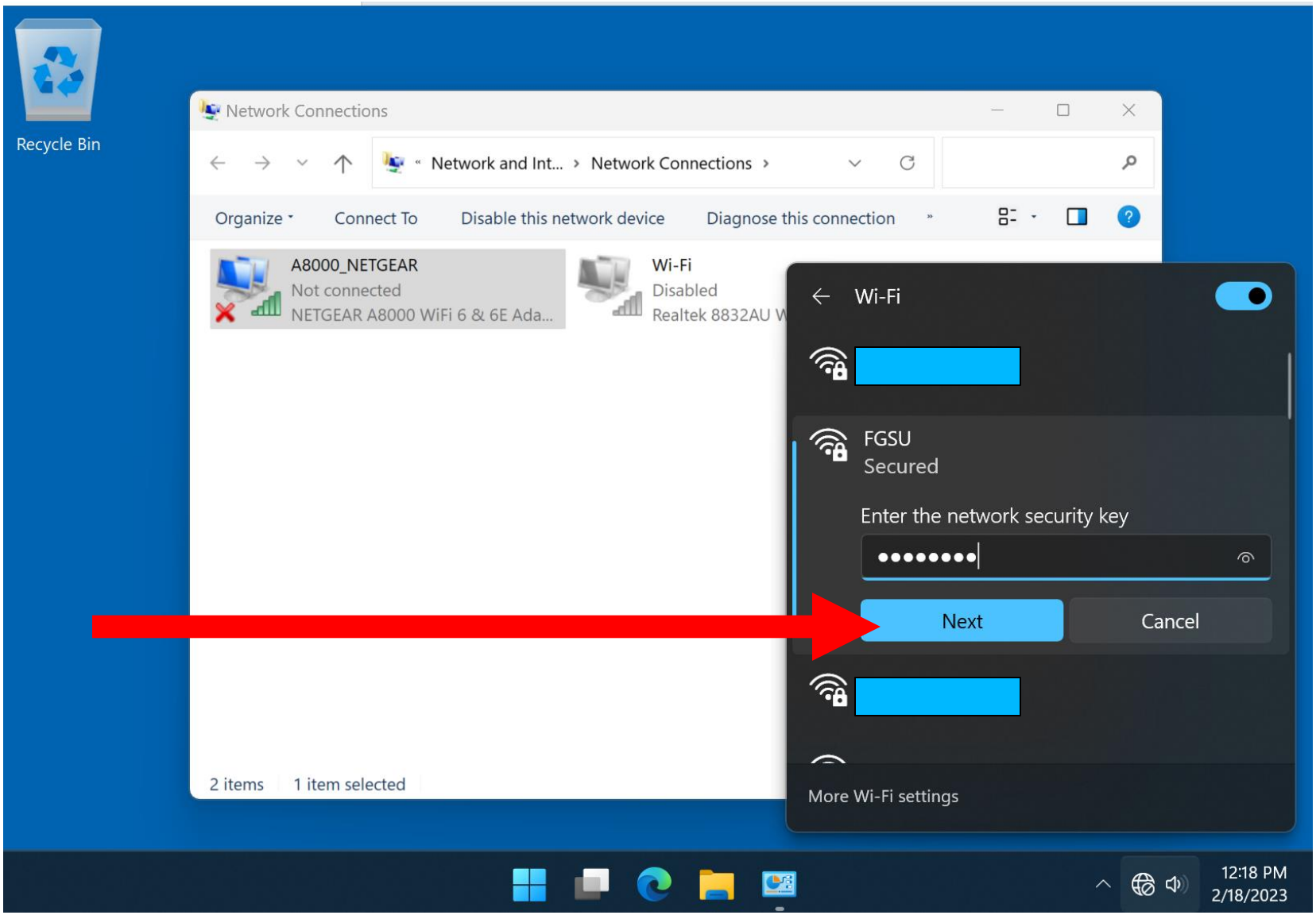
- SMALL STEP 214:
  Type in the password that you wrote down in SMALL STEP 110:

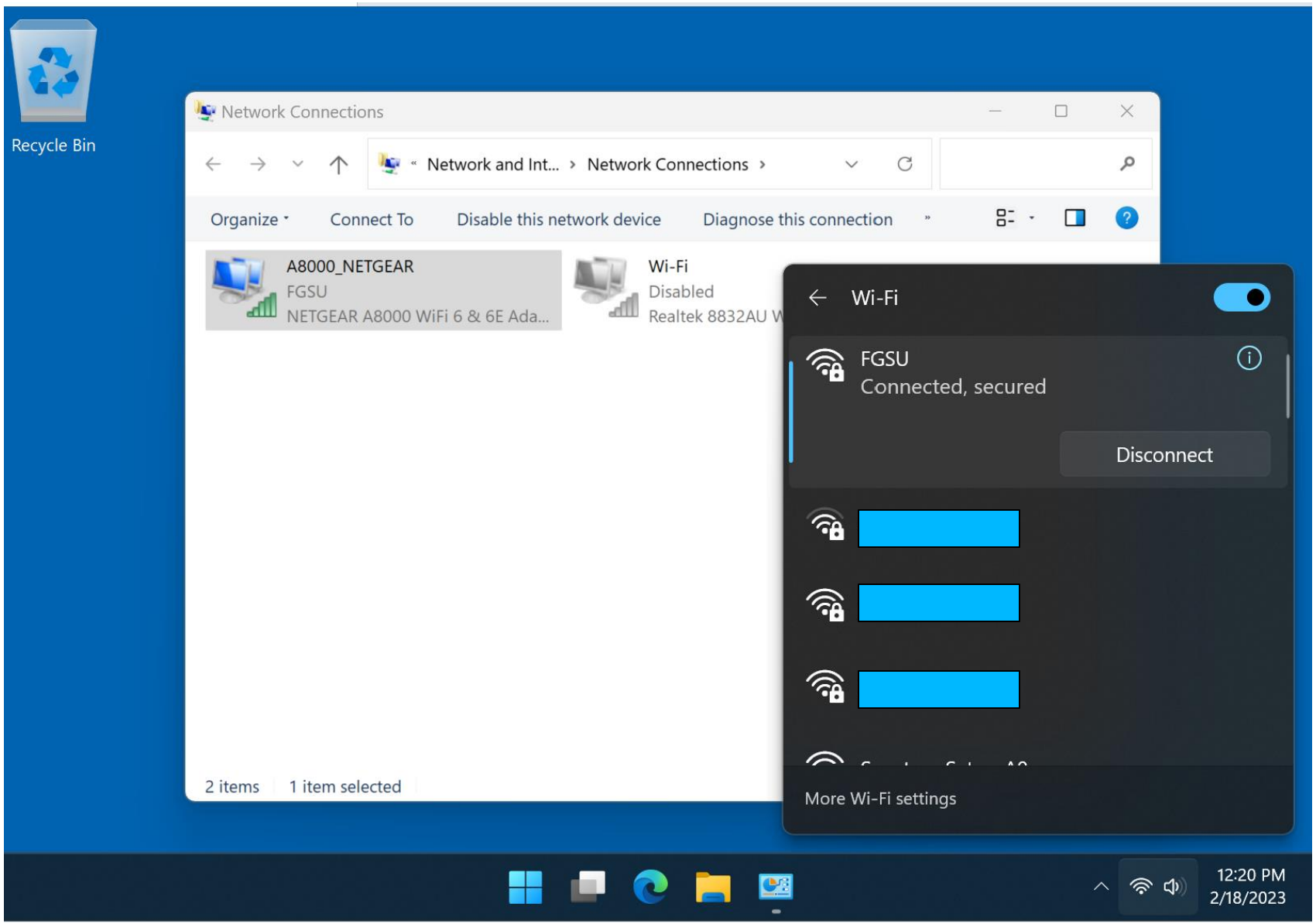

Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
Not connected
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU W
2 items
1 item selected
Wi-Fi
Sundeck1!_6GHz
FGSU
Secured
Enter the network security key
Next
Cancel
More Wi-Fi settings
12:09 PM
2/18/2023

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 215:
  Use the left mouse button to click on the "Next" button:


Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
Not connected
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU W
2 items
1 item selected
Wi-Fi
Sundeck1!_6GHz
FGSU
Secured
Enter the network security key
Next
Cancel
More Wi-Fi settings
12:18 PM
2/18/2023

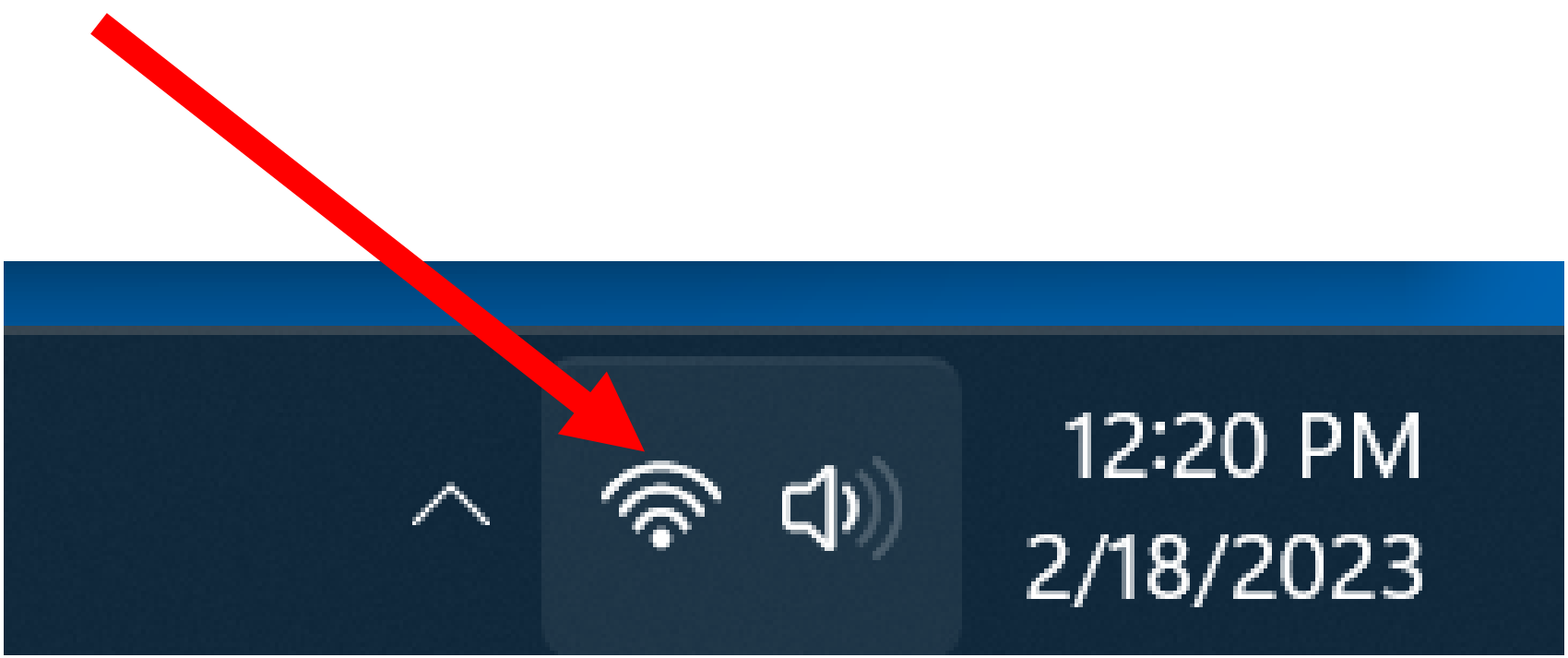

Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
Not connected
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU W
2 items
1 item selected
Wi-Fi
FGSU
Secured
Enter the network security key
Next
Cancel
More Wi-Fi settings
12:18 PM
2/18/2023


Recycle Bin
Network Connections
Network and Int... › Network Connections ›
Organize
Connect To
Disable this network device
Diagnose this connection
A8000_NETGEAR
FGSU
NETGEAR A8000 WiFi 6 & 6E Ada...
Wi-Fi
Disabled
Realtek 8832AU W
2 items
1 item selected
Wi-Fi
FGSU
Connected, secured
Disconnect
More Wi-Fi settings
12:20 PM
2/18/2023

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 215 (continued):
  Note that the "Notification Area" in the lower-right corner of the Windows.. "Desktop" now shows that a Wi-Fi "Wireless Access Point" is connected to the Windows.. computer

12:20 PM
2/18/2023

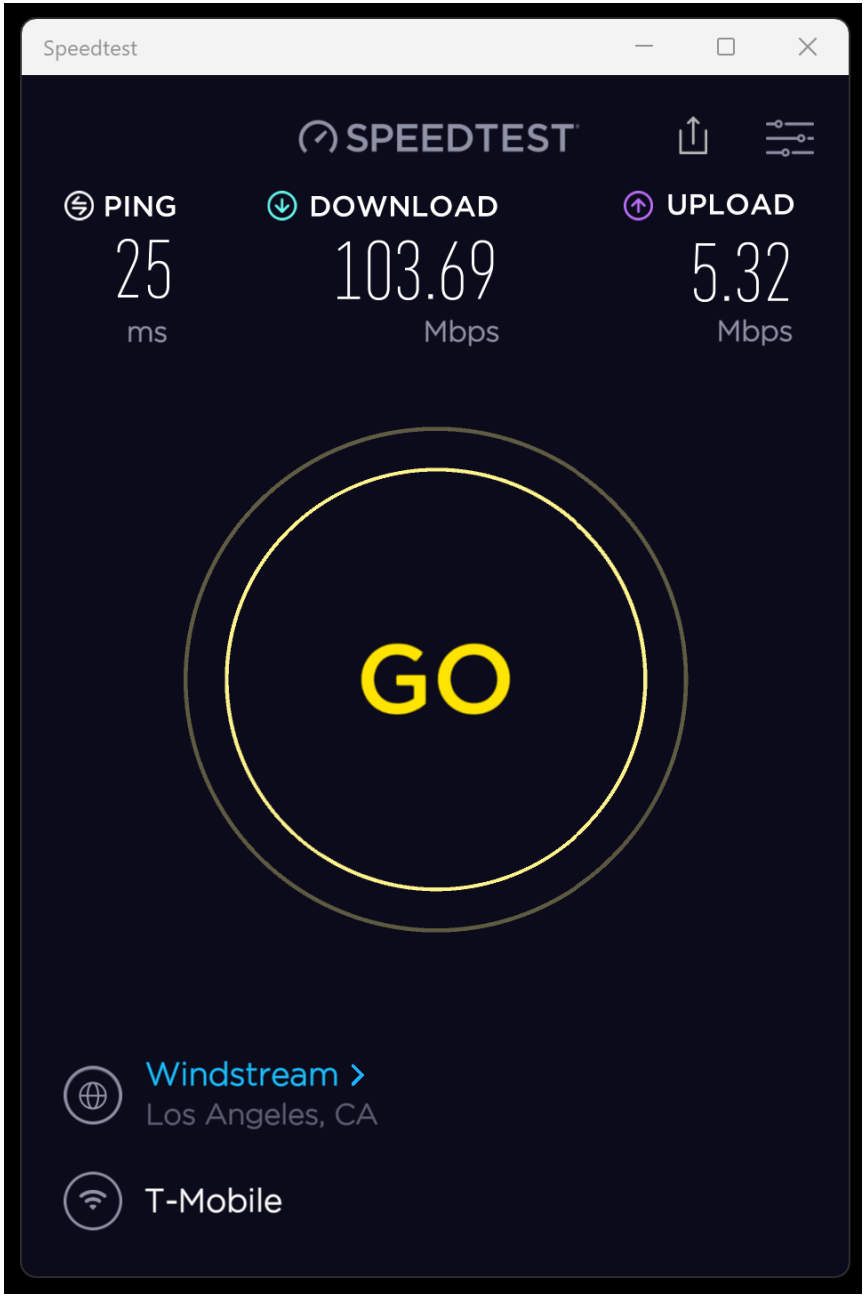

12:20 PM
2/18/2023

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 216:
  Click on unused space in the Windows "Desktop" to close the list of "Wireless Access Points":

BIG STEP 200 (Connect to the Wi-Fi Hotspot from the Client Device) (continued)

- SMALL STEP 217:
  Close the "Network Connections" window by clicking on the "x" button in the upper-right corner of the "Network Connections" window.


Speedtest
SPEEDTEST
PING
25
ms
DOWNLOAD
103.69
Mbps
UPLOAD
5.32
Mbps
GO
Windstream ›
Los Angeles, CA
T-Mobile