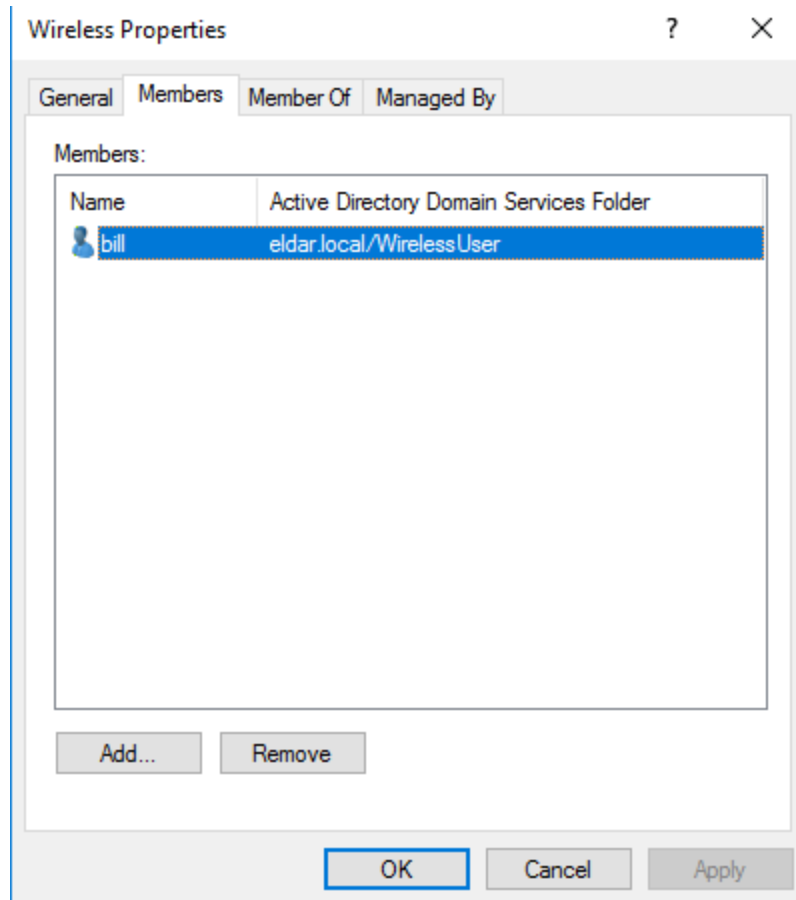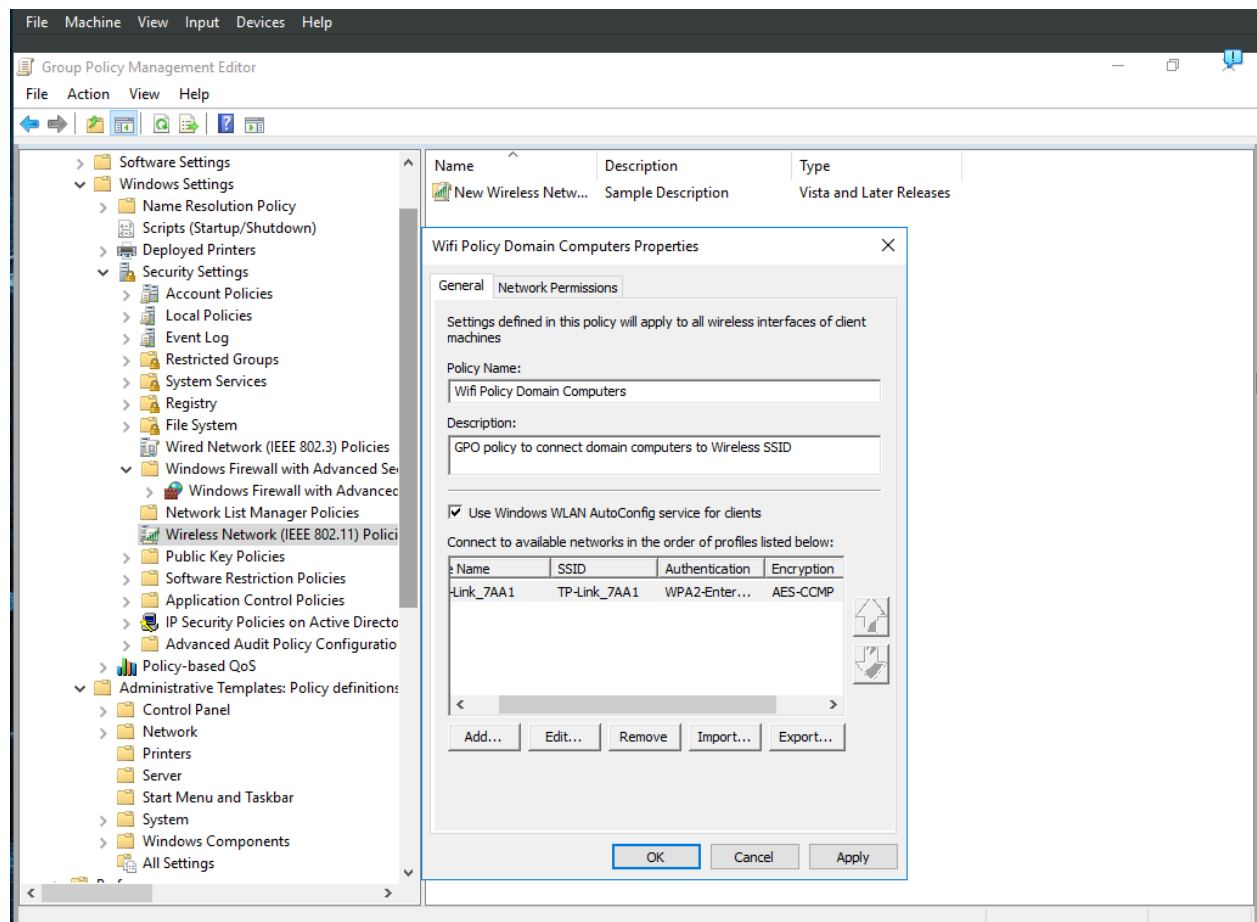In this Active Directory I have created a user named bill that I will use as credentials to log in to the Radius Wifi. I have made the Wireless group in this directory where bill will be located for network authentication.

I have made bill a member of the wireless group for authentication via wireless on my mobile device.

I have made the Radius server policy and enabled it.

These are the settings I configured to the router I purchased and am using for this Radius project.
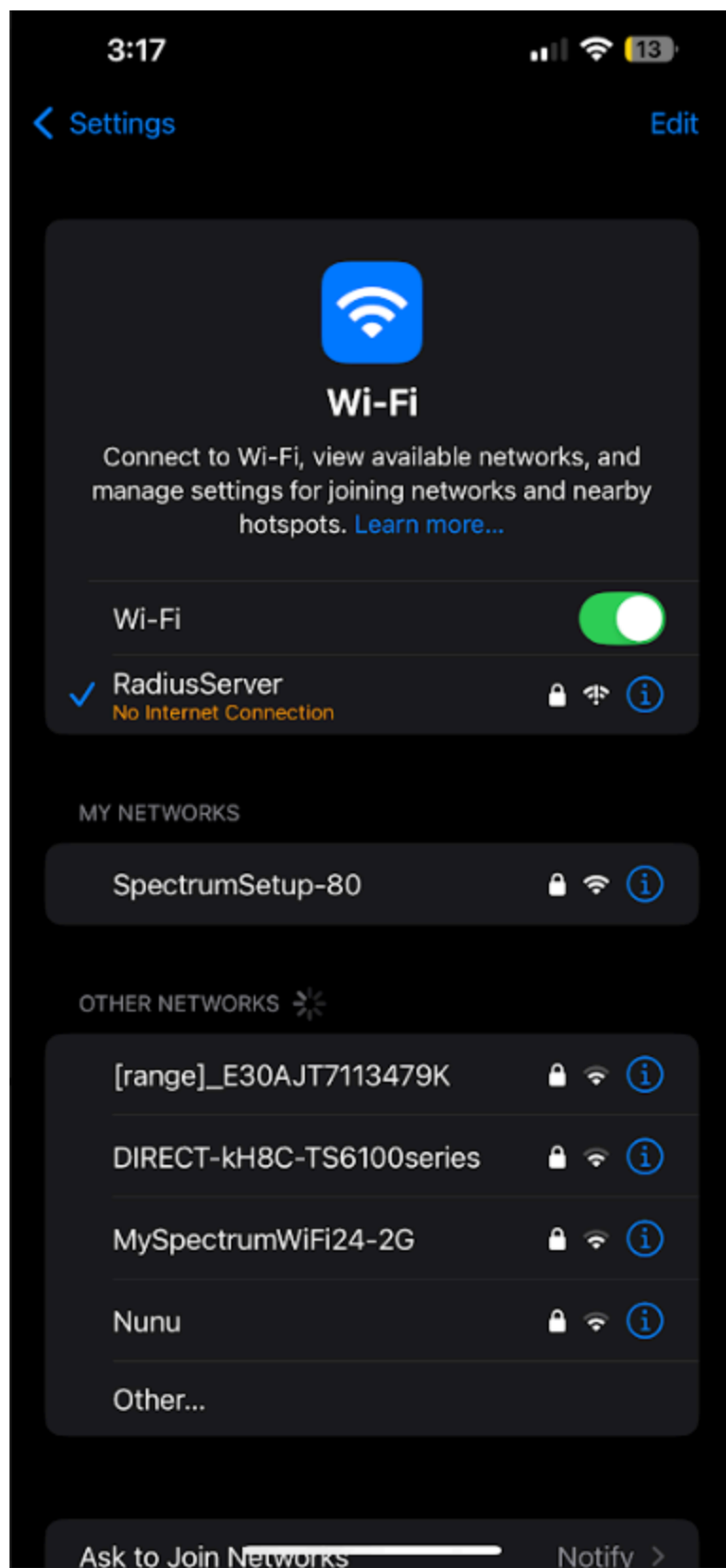
After these successful steps I connected to the RadiusServer network via bills credentials.

No Internet Connection
If this is your Wi-Fi network, try restarting the modem and the router, or contact your ISP.

Weak Security
WPA/WPA2 (TKIP) is not considered secure.

If this is your Wi-Fi network, configure the router to use WPA2 (AES) or WPA3 security type.

Learn more about recommended settings for Wi-Fi...

Forget This Network

Auto-Join ⬤

Username ● ● ● ●

Password ● ● ● ● ● ● ●
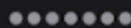
Low Data Mode ○

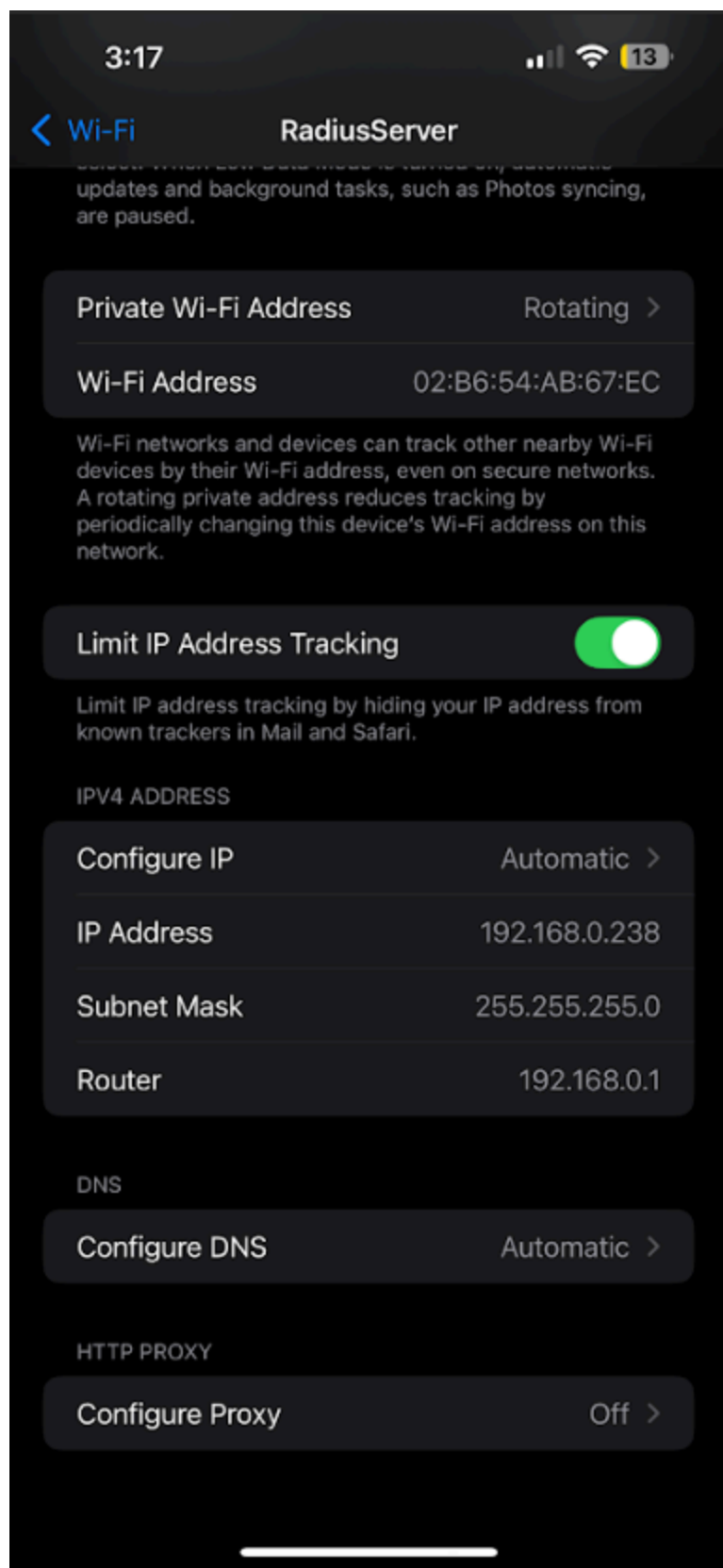Low Data Mode helps reduce your iPhone data usage over your cellular network or specific Wi-Fi networks you select. When Low Data Mode is turned on, automatic updates and background tasks, such as Photos syncing, are paused.

Private Wi-Fi Address   Rotating ›

Wi-Fi Address   02:B6:54:AB:67:EC

The username as seen covered, is set as bill, showing that is how I authenticate into the network

updates and background tasks, such as Photos syncing, are paused.

Private Wi-Fi Address	Rotating >
Wi-Fi Address	02:B6:54:AB:67:EC

Wi-Fi networks and devices can track other nearby Wi-Fi devices by their Wi-Fi address, even on secure networks. A rotating private address reduces tracking by periodically changing this device's Wi-Fi address on this network.

Limit IP Address Tracking	🟢

Limit IP address tracking by hiding your IP address from known trackers in Mail and Safari.

IPV4 ADDRESS

Configure IP	Automatic >
IP Address	192.168.0.238
Subnet Mask	255.255.255.0
Router	192.168.0.1

DNS

Configure DNS	Automatic >

HTTP PROXY

Configure Proxy	Off >

The IP address for this device is 192.168.0.238

```
Administrator: Command Prompt                                            —    □    ×

Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ping 192.168.0.238

Pinging 192.168.0.238 with 32 bytes of data:
Reply from 192.168.0.238: bytes=32 time=87ms TTL=64
Reply from 192.168.0.238: bytes=32 time=90ms TTL=64
Reply from 192.168.0.238: bytes=32 time=98ms TTL=64
Reply from 192.168.0.238: bytes=32 time=107ms TTL=64

Ping statistics for 192.168.0.238:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 87ms, Maximum = 107ms, Average = 95ms
```

I have pinged my mobile device within the Radius Server VM indicating that I successfully completed network authentication.