***WiFi Packet Analysis***

***MS Network Monitor tool*** --> Appears to be the only WiFi scanning tool for Windows (no Aircrack something...)

Installed in folder 🡪"C:\Program Files\Microsoft Network Monitor 3\"

***Netmon.exe*** 🡪 The tool itself

***Nmwifi.exe*** -> The Monitor Mode support tool (to be used with Netmon.exe)

***Nmwifi Tool***

Appears that few important things must or must not be done to work:

1. It ***must not currently be connected*** to a network (i.e chimere 44)
2. Also, It must not be previously connected to a network

For instance, if you started the computer, connected to chimere 44, but then unconnect from the WiFi network, ***it won’t work***!

Solution: Unplug physically the device, and start immediately Nmwifi (don’t connect!)

Items for Fall 2020:

Capture packet from EZVIZ Camera

--> Would need a WiFi doggle with Monitor Mode capability

--> Test is the Linksys AE2500 (garde robe) has the Monitor Mode

Monitor Mode Tools on Win10:

https://techwiser.com/check-if-wireless-adapter-supports-monitor-mode/