

- » What is Wireless?
- Capturing wireless with Wireshark
 - Ready to go by default
- » Special setup
 - Wireshark setup
 - Configuration of wireless NIC on Wireless LAN (WLAN)



```
▼ Expression... Clear
                                                                        VlqqA
 Filter:
                                                                               Save TCP Full
           ▼ Channel Offset: ▼ FCS Filter: All Frames
                                              √ None
                                                         ▼ Wireless Settings... Decryption Keys...
      Time
                                            Destination
                                                               Protocol Expert Length Info
No.
                      Source
     1 0.000000
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                                              168 Beacon frame.
                                                               802.11
     2 0.102961
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
                                            Spanning-tree-(for-802.11
     3 0.103946
                      Cisco-Li_82:b2:55
                                                                              118 Data, SN=3975
                      Cisco-Li_82:b2:55
                                                               802.11
                                                                              168 Beacon frame.
     4 0.204955
                                            Broadcast
     5 0.307929
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
     6 0.409911
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
     7 0.512900
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
     8 0.614871
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
     9 0.716933
                      Cisco-Li 82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
    10 0.819842
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
    11 0.921825
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
    12 1.024783
                      Cisco-Li_82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame,
    13 1.126803
                      Cisco-Li 82:b2:55
                                            Broadcast
                                                               802.11
                                                                              168 Beacon frame.
  Data Rate: 1.0 Mb/s
    Channel frequency: 2412 [BG 1]

☐ Channel type: 802.11b (0x00a0)

      .... = Turbo: False
      .... .... = Complementary Code Keying (CCK): True
      .... .0.. ... = Orthogonal Frequency-Division Multiplexing (OFDM): False
      .... 1... = 2 GHz spectrum: True
           ...0 .... = 5 GHz spectrum: False
      .... ..0. .... = Passive: False
           .0.. .... = Dynamic CCK-OFDM: False
      .... 0... = Gaussian Frequency Shift Keying (GFSK): False
      ...0 .... = GSM (900MHz): False
      ..0. .... = Static Turbo: False
      .0.. .... = Half Rate Channel (10MHz Channel Width): False
      0... .... = Quarter Rate Channel (5MHz Channel Width): False
    Signal Quality: 84
    Antenna: 0
    SSI Signal: 43 dB
```



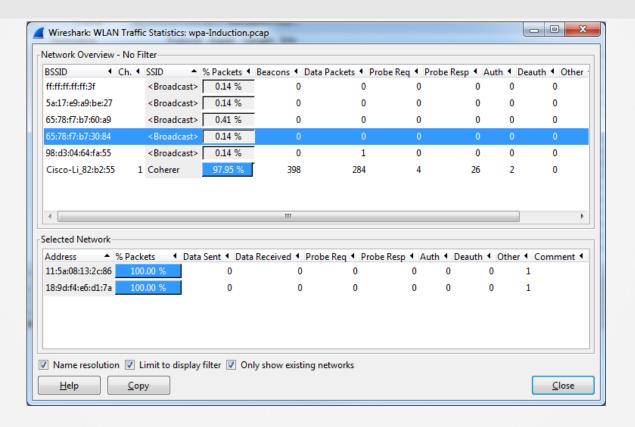
» Problems you may encounter

- Incorrect SSID
- Channel problem
- Other

» Tools you can use

- You can set up a filter to capture WLAN-specific traffic and use the WLAN Traffic option on the Statistics menu
- Specialized toolbar







Questions?