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2162 63.169910 IntelCor_d1:b6:4f Cisco-Li_f7:1d:51 802.11 89 Association Request, SN=1648, FN=0, Flags=.....C,
SSID=30 Munroe St
Frame 2162: 89 bytes on wire (712 bits), 89 bytes captured (712 bits)
  Encapsulation type: IEEE 802.11 plus radiotap radio header (23)
  Arrival Time: Jun 28, 2007 22:06:10.242367000 Eastern Daylight Time
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1183082770.242367000 seconds
  [Time delta from previous captured frame: 0.000096000 seconds]
  [Time delta from previous displayed frame: 0.000096000 seconds]
  [Time since reference or first frame: 63.169910000 seconds]
  Frame Number: 2162
  Frame Length: 89 bytes (712 bits)
  Capture Length: 89 bytes (712 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: radiotap:wlan_radio:wlan]
Radiotap Header v0, Length 24
  Header revision: 0
  Header pad: 0
  Header length: 24
  Present flags
    Present flags word: 0x000058ee
      ....0 = TSFT: Absent
      ....1 = Flags: Present
      ....1 = Rate: Present
      ....1 = Channel: Present
      ....0 = FHSS: Absent
      ....1 = dBm Antenna Signal: Present
      ....1 = dBm Antenna Noise: Present
      ....1 = Lock Quality: Present
      ....0 = TX Attenuation: Absent
      ....0 = dB TX Attenuation: Absent
      ....0 = dBm TX Power: Absent
      ....1 = Antenna: Present
      ....1 = dB Antenna Signal: Present
      ....0 = dB Antenna Noise: Absent
      ....1 = RX flags: Present
      ....0 = Channel+: Absent
      ....0 = MCS information: Absent
      ....0 = A-MPDU Status: Absent
      ....0 = VHT information: Absent
      ....0 = frame timestamp: Absent
      ...0 0000 0 = Reserved: 0x00
      ..0 = Radiotap NS next: False
      .0 = Vendor NS next: False
      0 = Ext: Absent
  Flags: 0x10
    ....0 = CFP: False
    ....0 = Preamble: Long
    ....0 = WEP: False
    ....0 = Fragmentation: False
    ...1 = FCS at end: True
    ..0 = Data Pad: False
    .0 = Bad FCS: False
    0 = Short GI: False
  Data Rate: 54.0 Mb/s
  Channel frequency: 2437 [BG 6]
  Channel flags: 0x00c0, Orthogonal Frequency-Division Multiplexing (OFDM), 2 GHz spectrum
    ....0 = Turbo: False
    ....0 = Complementary Code Keying (CCK): False
    ....1 = Orthogonal Frequency-Division Multiplexing (OFDM): True
    ....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
  SSI Signal: -29dBm
  SSI Noise: -100dBm
  Signal Quality: 100
  Antenna: 0
  SSI Signal: 71dB
  RX flags: 0xadc6, Bad PLCP
    ....1 = Bad PLCP: True
802.11 radio information
  PHY type: 802.11g (6)
  Short preamble: False
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Proprietary mode: None (0)
Data rate: 54.0 Mb/s
Channel: 6
Frequency: 2437MHz
Signal strength (dBm): -29dBm
Noise level (dBm): -100dBm
[Duration: 32µs]
[Preamble: 20µs]
IEEE 802.11 Association Request, Flags: .....C
Type/Subtype: Association Request (0x0000)
Frame Control Field: 0x0000
.... ..00 = Version: 0
.... 00.. = Type: Management frame (0)
0000 .... = Subtype: 0
Flags: 0x00
.... ..00 = DS status: Not leaving DS or network is operating in AD-HOC mode (To DS: 0 From DS: 0) (0x0)
.... .0.. = More Fragments: This is the last fragment
.... 0... = Retry: Frame is not being retransmitted
...0 .... = PWR MGT: STA will stay up
..0. .... = More Data: No data buffered
.0.. .... = Protected flag: Data is not protected
0... .... = Order flag: Not strictly ordered
.000 0000 0010 1100 = Duration: 44 microseconds
Receiver address: Cisco-Li_f7:1d:51 (00:16:b6:f7:1d:51)
Destination address: Cisco-Li_f7:1d:51 (00:16:b6:f7:1d:51)
Transmitter address: IntelCor_d1:b6:4f (00:13:02:d1:b6:4f)
Source address: IntelCor_d1:b6:4f (00:13:02:d1:b6:4f)
BSS Id: Cisco-Li_f7:1d:51 (00:16:b6:f7:1d:51)
.... .... 0000 = Fragment number: 0
0110 0111 0000 .... = Sequence number: 1648
Frame check sequence: 0xfe3badc6 [correct]
[FCS Status: Good]
IEEE 802.11 wireless LAN
Fixed parameters (4 bytes)
Capabilities Information: 0xce01
Listen Interval: 0x000a
Tagged parameters (33 bytes)
Tag: SSID parameter set: 30 Munroe St
Tag Number: SSID parameter set (0)
Tag length: 12
SSID: 30 Munroe St
Tag: Supported Rates 1(B), 2(B), 5.5(B), 11(B), 6(B), 9, 12(B), 18, [Mbit/sec]
Tag Number: Supported Rates (1)
Tag length: 8
Supported Rates: 1(B) (0x82)
Supported Rates: 2(B) (0x84)
Supported Rates: 5.5(B) (0x8b)
Supported Rates: 11(B) (0x96)
Supported Rates: 6(B) (0x8c)
Supported Rates: 9 (0x12)
Supported Rates: 12(B) (0x98)
Supported Rates: 18 (0x24)
Tag: QoS Capability
Tag Number: QoS Capability (46)
Tag length: 1
QoS Information (STA): 0x00
Tag: Extended Supported Rates 24(B), 36, 48, 54, [Mbit/sec]
Tag Number: Extended Supported Rates (50)
Tag length: 4
Extended Supported Rates: 24(B) (0xb0)
Extended Supported Rates: 36 (0x48)
Extended Supported Rates: 48 (0x60)
Extended Supported Rates: 54 (0x6c)
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