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2166 63.192101      Cisco-Li_f7:1d:51      IntelCor_d1:b6:4f      802.11      94      Association Response, SN=3728, FN=0, Flags=.....C
Frame 2166: 94 bytes on wire (752 bits), 94 bytes captured (752 bits)
  Encapsulation type: IEEE 802.11 plus radiotap radio header (23)
  Arrival Time: Jun 28, 2007 22:06:10.264558000 Eastern Daylight Time
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1183082770.264558000 seconds
  [Time delta from previous captured frame: 0.021101000 seconds]
  [Time delta from previous displayed frame: 0.021101000 seconds]
  [Time since reference or first frame: 63.192101000 seconds]
  Frame Number: 2166
  Frame Length: 94 bytes (752 bits)
  Capture Length: 94 bytes (752 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: 1.0 Mb/s
Channel frequency: 2437 [BG 6]
Channel flags: 0x00a0, Complementary Code Keying (CCK), 2 GHz spectrum
  .... 0 .... = Turbo: False
  .... 1. .... = 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
SSI Signal: -31dBm
SSI Noise: -100dBm
Signal Quality: 100
Antenna: 0
SSI Signal: 69dB
RX flags: 0xab2b, Bad PLCP
  .... 1. = Bad PLCP: True
802.11 radio information
  PHY type: 802.11b (4)
  Short preamble: False
  Data rate: 1.0 Mb/s
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Channel: 6
Frequency: 2437MHz
Signal strength (dBm): -31dBm
Noise level (dBm): -100dBm
[Duration: 752µs]
[Preamble: 192µs]
IEEE 802.11 Association Response, Flags: .....C
Type/Subtype: Association Response (0x0001)
Frame Control Field: 0x1000
.... ..00 = Version: 0
.... 00.. = Type: Management frame (0)
0001 .... = Subtype: 1
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 0001 0011 1010 = Duration: 314 microseconds
Receiver address: IntelCor_d1:b6:4f (00:13:02:d1:b6:4f)
Destination address: IntelCor_d1:b6:4f (00:13:02:d1:b6:4f)
Transmitter address: Cisco-Li_f7:1d:51 (00:16:b6:f7:1d:51)
Source address: Cisco-Li_f7:1d:51 (00:16:b6:f7:1d:51)
BSS Id: Cisco-Li_f7:1d:51 (00:16:b6:f7:1d:51)
.... .... 0000 = Fragment number: 0
1110 1001 0000 .... = Sequence number: 3728
Frame check sequence: 0x37f2ab2b [correct]
[FCS Status: Good]
IEEE 802.11 wireless LAN
Fixed parameters (6 bytes)
Capabilities Information: 0x0601
Status code: Successful (0x0000)
..00 0000 0000 0101 = Association ID: 0x0005
Tagged parameters (36 bytes)
Tag: Supported Rates 1(B), 2(B), 5.5(B), 11(B), [Mbit/sec]
Tag Number: Supported Rates (1)
Tag length: 4
Supported Rates: 1(B) (0x82)
Supported Rates: 2(B) (0x84)
Supported Rates: 5.5(B) (0x8b)
Supported Rates: 11(B) (0x96)
Tag: Extended Supported Rates 6(B), 9, 12(B), 18, 24(B), 36, 48, 54, [Mbit/sec]
Tag Number: Extended Supported Rates (50)
Tag length: 8
Extended Supported Rates: 6(B) (0x8c)
Extended Supported Rates: 9 (0x12)
Extended Supported Rates: 12(B) (0x98)
Extended Supported Rates: 18 (0x24)
Extended Supported Rates: 24(B) (0xb0)
Extended Supported Rates: 36 (0x48)
Extended Supported Rates: 48 (0x60)
Extended Supported Rates: 54 (0x6c)
Tag: EDCA Parameter Set
Tag Number: EDCA Parameter Set (12)
Tag length: 18
WME QoS Info: 0x0f
Reserved: 00
Ac Parameters ACI 0 (Best Effort), ACM no, AIFSN 3, ECWmin/max 4/10 (CWmin/max 15/1023), TXOP 0
Ac Parameters ACI 1 (Background), ACM no, AIFSN 7, ECWmin/max 4/10 (CWmin/max 15/1023), TXOP 0
Ac Parameters ACI 2 (Video), ACM no, AIFSN 2, ECWmin/max 3/4 (CWmin/max 7/15), TXOP 94
Ac Parameters ACI 3 (Voice), ACM no, AIFSN 2, ECWmin/max 2/3 (CWmin/max 3/7), TXOP 47
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