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1733 49.583615      192.168.1.109      192.168.1.1      DHCP      390      DHCP Release - Transaction ID 0xea5a526
Frame 1733: 390 bytes on wire (3120 bits), 390 bytes captured (3120 bits)
  Encapsulation type: IEEE 802.11 plus radiotap radio header (23)
  Arrival Time: Jun 28, 2007 22:05:56.656072000 Eastern Daylight Time
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1183082756.656072000 seconds
  [Time delta from previous captured frame: 0.041134000 seconds]
  [Time delta from previous displayed frame: 0.041134000 seconds]
  [Time since reference or first frame: 49.583615000 seconds]
  Frame Number: 1733
  Frame Length: 390 bytes (3120 bits)
  Capture Length: 390 bytes (3120 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: radiotap:wlan_radio:wlan:llc:ip:udp:bootp]
  [Coloring Rule Name: UDP]
  [Coloring Rule String: udp]
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: -27dBm
  SSI Noise: -100dBm
  Signal Quality: 96
  Antenna: 0
  SSI Signal: 73dB
  RX flags: 0x1791
    .... 0 = Bad PLCP: False
802.11 radio information
  PHY type: 802.11g (6)
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Short preamble: False
Proprietary mode: None (0)
Data rate: 54.0 Mb/s
Channel: 6
Frequency: 2437MHz
Signal strength (dBm): -27dBm
Noise level (dBm): -100dBm
[Duration: 76µs]
[Preamble: 20µs]
IEEE 802.11 QoS Data, Flags: .....TC
Type/Subtype: QoS Data (0x0028)
Frame Control Field: 0x8801
.... ..00 = Version: 0
.... 10.. = Type: Data frame (2)
1000 .... = Subtype: 8
Flags: 0x01
.... ..01 = DS status: Frame from STA to DS via an AP (To DS: 1 From DS: 0) (0x1)
.... .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_f4:eb:a8 (00:16:b6:f4:eb:a8)
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)
STA address: IntelCor_d1:b6:4f (00:13:02:d1:b6:4f)
.... .... 0000 = Fragment number: 0
0000 1011 1000 .... = Sequence number: 184
Frame check sequence: 0x90381791 [correct]
[FCS Status: Good]
Qos Control: 0x0000
.... .... 0000 = TID: 0
[.... .... .000 = Priority: Best Effort (Best Effort) (0)]
.... .... ..0 .... = QoS bit 4: Bits 8-15 of QoS Control field are TXOP Duration Requested
.... .... .00. .... = Ack Policy: Normal Ack (0x0)
.... .... 0... .... = Payload Type: MSDU
0000 0000 .... .... = TXOP Duration Requested: 0 (no TXOP requested)
Logical-Link Control
DSAP: SNAP (0xaa)
SSAP: SNAP (0xaa)
Control field: U, func=UI (0x03)
Organization Code: Encapsulated Ethernet (0x000000)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.1.109, Dst: 192.168.1.1
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 328
Identification: 0x141c (5148)
Flags: 0x00
Fragment offset: 0
Time to live: 128
Protocol: UDP (17)
Header checksum: 0xa1ca [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.109
Destination: 192.168.1.1
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 68, Dst Port: 67
Bootstrap Protocol (Release)

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