

No.	Time	Source	Destination	Protocol	Length	Info
2158	09:06:10.241528	CiscoLinksys_f7:1d:51	Intel_d1:b6:4f	802.11	58	Authentication, SN=3726, FN=0, Flags=.....C

Frame 2158: 58 bytes on wire (464 bits), 58 bytes captured (464 bits)
Encapsulation type: IEEE 802.11 plus radiotap radio header (23)
Arrival Time: Jun 29, 2007 09:06:10.241528000 SE Asia Standard Time
UTC Arrival Time: Jun 29, 2007 02:06:10.241528000 UTC
Epoch Arrival Time: 1183082770.241528000
[Time shift for this packet: 0.000000000 seconds]
[Time delta from previous captured frame: 0.000849000 seconds]
[Time delta from previous displayed frame: 0.000984000 seconds]
[Time since reference or first frame: 63.169071000 seconds]
Frame Number: 2158
Frame Length: 58 bytes (464 bits)
Capture Length: 58 bytes (464 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	= TX flags: Absent
....	...	0	= data retries: Absent
....	...	0	= Channel+: Absent
....	...	0	= MCS information: Absent
....	...	0	= A-MPDU Status: Absent
....	...	0	= VHT information: Absent
....	...	0	= frame timestamp: Absent
....	...	0	= HE information: Absent
....	...	0	= HE-MU information: Absent
....	...	0	= 0 Length PSDU: Absent
....	...	0	= L-SIG: Absent
....	...	0	= Reserved: 0x0
....	...	0	= TLVs: Absent
....	...	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 [2.4 GHz 6]
Channel flags: 0x00a0, Complementary Code Keying (CCK), 2 GHz spectrum

....	...	0	= 700 MHz spectrum: False
....	...	0	= 800 MHz spectrum: False
....	...	0	= 900 MHz spectrum: False
....	...	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

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Antenna signal: -30 dBm
Antenna noise: -100 dBm
Signal Quality: 100
Antenna: 0
dB antenna signal: 70 dB
RX flags: 0xefc9
    .... = Bad PLCP: False
802.11 radio information
PHY type: 802.11b (HR/DSSS) (4)
Short preamble: False
Data rate: 1.0 Mb/s
Channel: 6
Frequency: 2437MHz
Signal strength (dB): 70 dB
Signal strength (dBm): -30 dBm
Noise level (dBm): -100 dBm
Signal/noise ratio (dB): 70 dB
[Duration: 464µs]
[Preamble: 192µs]
IEEE 802.11 Authentication, Flags: .....C
Type/Subtype: Authentication (0x000b)
Frame Control Field: 0xb000
    .... = Version: 0
    .... = Type: Management frame (0)
    1011 .... = Subtype: 11
Flags: 0x00
    .... = DS status: Not leaving DS or network is operating in AD-HOC mode (To DS: 0 From DS: 0) (0x0)
    .... = More Fragments: This is the last fragment
    .... = 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... .... = +HTC/Order flag: Not strictly ordered
.000 0001 0011 1010 = Duration: 314 microseconds
Receiver address: Intel_d1:b6:4f (00:13:02:d1:b6:4f)
    .... = LG bit: Globally unique address (factory default)
    .... = IG bit: Individual address (unicast)
Destination address: Intel_d1:b6:4f (00:13:02:d1:b6:4f)
    .... = LG bit: Globally unique address (factory default)
    .... = IG bit: Individual address (unicast)
Transmitter address: CiscoLinksys_f7:1d:51 (00:16:b6:f7:1d:51)
    .... = LG bit: Globally unique address (factory default)
    .... = IG bit: Individual address (unicast)
Source address: CiscoLinksys_f7:1d:51 (00:16:b6:f7:1d:51)
    .... = LG bit: Globally unique address (factory default)
    .... = IG bit: Individual address (unicast)
BSS Id: CiscoLinksys_f7:1d:51 (00:16:b6:f7:1d:51)
    .... = LG bit: Globally unique address (factory default)
    .... = IG bit: Individual address (unicast)
    .... = Fragment number: 0
    1110 1000 1110 .... = Sequence number: 3726
Frame check sequence: 0x93eafc9 [unverified]
[FCS Status: Unverified]
[WLAN Flags: .....C]
IEEE 802.11 Wireless Management
Fixed parameters (6 bytes)
    Authentication Algorithm: Open System (0)
    Authentication SEQ: 0x0002
    Status code: Successful (0x0000)

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