Wi-Fi: Beacons

Area de Ingeniería Telemática
http://www.tlm.unavarra.es

Grado en Ingeniería en Tecnologías de Telecomunicación, 3º

Beacon

No.	Time	Arrival Time	Source	Destination	Length	Data rate	Transmitter address	Receiver address	Info
1	0.000000000	0.000000000	CiscoInc_5c:0e:33	Broadcast	281	1	64:a0:e7:5c:0e:33	ff:ff:ff:ff:ff:ff	Beacon frame,
2	0.027909115	0.027909115	CiscoInc_5d:0d:11	Broadcast	258	1	64:a0:e7:5d:0d:11	ff:ff:ff:ff:ff:ff	Beacon frame,
3	0.030754369	0.002845254	CiscoInc_5c:0e:30	Broadcast	286	1	64:a0:e7:5c:0e:30	ff:ff:ff:ff:ff:ff	Beacon frame,
4	0.049084652	0.018330283	Micro-St_72:0e:5d	Broadcast	105	1	00:13:d3:72:0e:5d	ff:ff:ff:ff:ff:ff	Beacon frame,

```
▶ Frame 2: 258 bytes on wire (2064 bits), 258 bytes captured (2064 bits) on interface 0
▶ Radiotap Header v0, Length 18
▶ 802.11 radio information
▶ IEEE 802.11 Beacon frame, Flags: ........
▼ IEEE 802.11 wireless LAN management frame
  ▼ Fixed parameters (12 bytes)
      Timestamp: 0x00000012ac5c1977
      Beacon Interval: 0.104448 [Seconds]
    ▶ Capabilities Information: 0x1421
  ▼ Tagged parameters (204 bytes)
    ▼ Tag: SSID parameter set: UPNA
        Tag Number: SSID parameter set (0)
        Tag length: 4
        SSID: UPNA
    ▶ Tag: Supported Rates 1(B), 2(B), 5.5(B), 6, 9, 11(B), 12, 18, [Mbit/sec]
    ▶ Tag: DS Parameter set: Current Channel: 1
    ▶ Tag: Traffic Indication Map (TIM): DTIM 0 of 0 bitmap
    ▼ Tag: Country Information: Country Code ES, Environment Any
        Tag Number: Country Information (7)
        Tag length: 6
        Code: ES
        Environment: Any (0x20)
      ▶ Country Info: First Channel Number: 1, Number of Channels: 13, Maximum Transmit Power Level: 20 dBm
    ▶ Tag: QBSS Load Element 802.11e CCA Version
    ▶ Tag: ERP Information
    ▶ Tag: HT Capabilities (802.11n D1.10)
    ▶ Tag: Extended Supported Rates 24, 36, 48, 54, [Mbit/sec]
    ▶ Tag: HT Information (802.11n D1.10)
    ▶ Tag: Extended Capabilities (6 octets)
    ▶ Tag: Cisco CCX1 CKIP + Device Name
    ▶ Tag: Vendor Specific: Aironet: Aironet DTPC Powerlevel 0x11
    ▶ Tag: Vendor Specific: Microsof: WMM/WME: Parameter Element
    ▶ Tag: Vendor Specific: Aironet: Aironet Unknown (1) (1)
    ▶ Tag: Vendor Specific: Aironet: Aironet CCX version = 5
    ▶ Tag: Vendor Specific: Aironet: Aironet Unknown (11) (11)
    ▶ Tag: Vendor Specific: Aironet: Aironet Client MFP Disabled
```

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3	0.030754369	0.002845254	CiscoInc_5c:0e:3	Broadcast	286	1	64:a0:e7:5c:0e:30	ff:ff:ff:ff:ff:ff	Beacon frame,
4	0.049084652	0.018330283	Micro-St_72:0e:5d	Broadcast	105	1	00:13:d3:72:0e:5d	ff:ff:ff:ff:ff:ff	Beacon frame,

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```

BSSID: dirección MAC del AP

SSID

Velocidades soportadas