

Client A Cisco AP 1 AP wired A AP wired B Null MAC

bridge_uwgb_open_wired.pcapng

Association Request (0x0000)

Dst	84:b2:61:24:a2:00
Src	54:ee:75:49:f1:3e
BSS	84:b2:61:24:a2:00
Seq	16
Capabilities Information	0x2104
Listen Interval	0xc800

💡 Association Request – client joins BSS; carries SSID, supported rates, RSN (WPA2/WPA3) capabilities; AP assigns AID in response

Association Response (0x0001)

Dst	54:ee:75:49:f1:3e
Src	84:b2:61:24:a2:00
BSS	84:b2:61:24:a2:00
Seq	0
Status	Successful (0x0000)
AID	0x01c0

💡 Association Response – AP accepts/rejects client; Status 0=Success; assigns AID (Association ID) used for PS-Poll and TIM bitmap addressing

DTLS Application Data (23)

Version	DTLS 1.0 (0xfeff)
Epoch	1
Length	480

Frame 4 | 2017-02-04T15:26:16.418889Z

DTLS Application Data (23)

Version	DTLS 1.0 (0xfeff)
Epoch	1
Length	80

Frame 5 | 2017-02-04T15:26:16.420301Z

Probe Request (0x0004)

Dst	84:b2:61:24:a2:00
Src	00:00:00:00:00:00
Seq	0

💡 Probe Request – active scanning: client solicits responses from APs; directed (specific SSID) or wildcard (broadcast SSID); faster than passive scanning (beacon-only)

Probe Request (0x0004)

Dst	84:b2:61:24:a2:00
Src	00:00:00:00:00:00
Seq	0

💡 Probe Request – active scanning: client solicits responses from APs; directed (specific SSID) or wildcard (broadcast SSID); faster than passive scanning (beacon-only)