

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

roam\_interL2\_open\_wired.pcapng

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)

Frame 2 |  
2017-01-22T14:50:55.690919Z

DTLS Application Data (23)

Version	DTLS 1.0 (0xfeff)
Epoch	1
Length	64

DTLS Application Data (23)

Version	DTLS 1.0 (0xfeff)
Epoch	1
Length	80

Frame 3 |  
2017-01-22T14:50:55.691072Z

Reassociation Request (0x0002)

Dst	84:b2:61:24:a2:00
Src	00:56:cd:ee:f1:71
BSS	84:b2:61:24:a2:00
Seq	16
Current AP	84:b2:61:3f:93:10

💡 Reassociation Request – client roams to new AP within same ESS; carries Current AP MAC so new AP can request PMK from old AP (fast roaming) or via RADIUS

Reassociation Response (0x0003)

Dst	00:56:cd:ee:f1:71
Src	84:b2:61:24:a2:00
BSS	84:b2:61:24:a2:00
Seq	0
Status	Successful (0x0000)
AID	0x01c0

💡 Reassociation Response – new AP accepts roaming client; AID may change; PMK transfer via OKC, 802.11r FT, or CCKM enables fast secure roaming without full re-auth