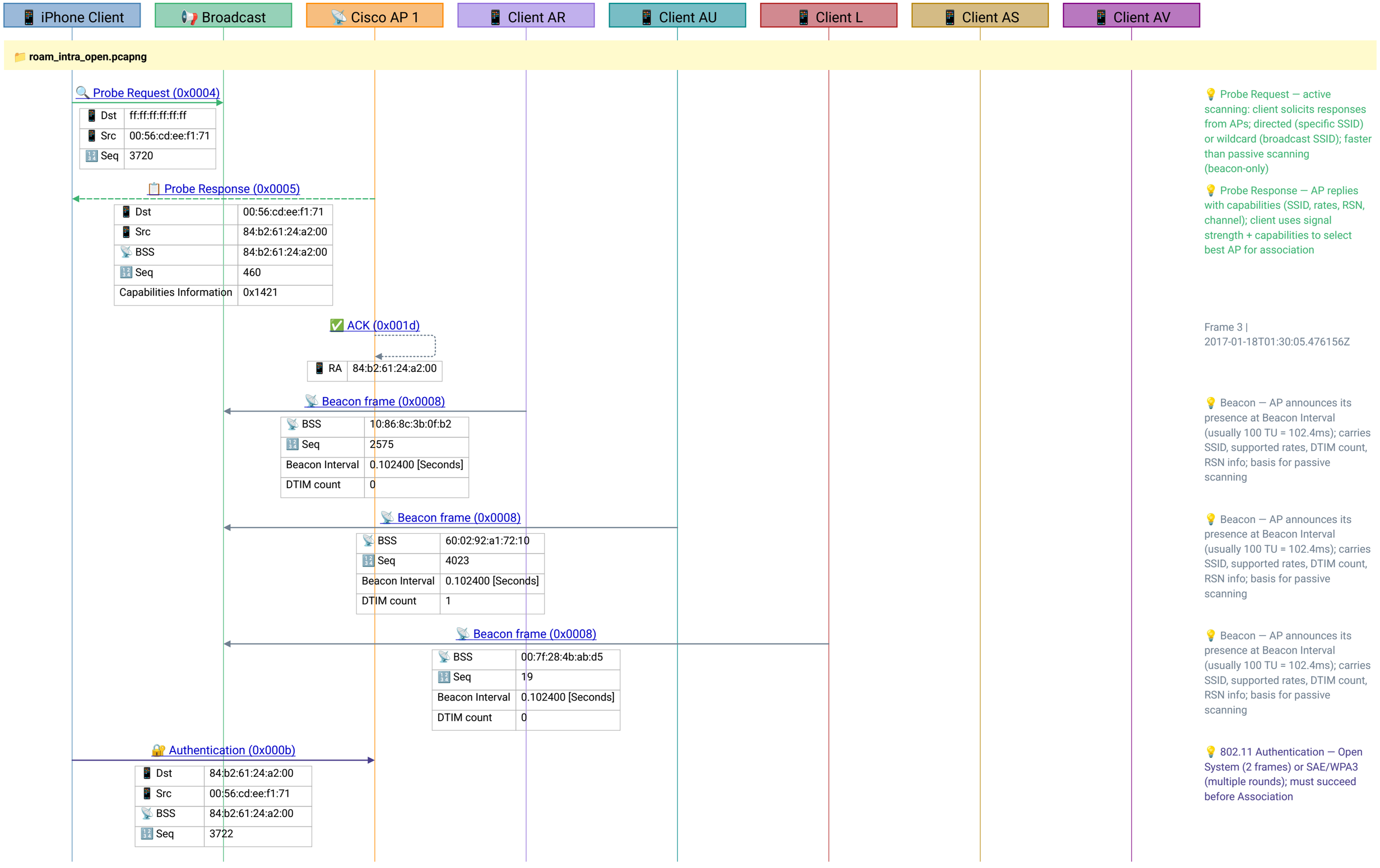
iPhone Client
Broadcast
Cisco AP 1
Client AR
Client AU
Client L
Client AS
Client AV
roam_intra_open.pcapng
Probe Request (0x0004)
Dst ff:ff:ff:ff:ff:ff
Src 00:56:cd:ee:f1:71
Seq 3720
Probe Response (0x0005)
Dst 00:56:cd:ee:f1:71
Src 84:b2:61:24:a2:00
BSS 84:b2:61:24:a2:00
Seq 460
Capabilities Information 0x1421
ACK (0x001d)
RA 84:b2:61:24:a2:00
Beacon frame (0x0008)
BSS 10:86:8c:3b:0f:b2
Seq 2575
Beacon Interval 0.102400 [Seconds]
DTIM count 0
Beacon frame (0x0008)
BSS 60:02:92:a1:72:10
Seq 4023
Beacon Interval 0.102400 [Seconds]
DTIM count 1
Beacon frame (0x0008)
BSS 00:7f:28:4b:ab:d5
Seq 19
Beacon Interval 0.102400 [Seconds]
DTIM count 0
Authentication (0x000b)
Dst 84:b2:61:24:a2:00
Src 00:56:cd:ee:f1:71
BSS 84:b2:61:24:a2:00
Seq 3722
Probe Request — active scanning: client solicits responses from APs; directed (specific SSID) or wildcard (broadcast SSID); faster than passive scanning (beacon-only)
Probe Response — AP replies with capabilities (SSID, rates, RSN, channel); client uses signal strength + capabilities to select best AP for association
Frame 3 | 2017-01-18T01:30:05.476156Z
Beacon — AP announces its presence at Beacon Interval (usually 100 TU = 102.4ms); carries SSID, supported rates, DTIM count, RSN info; basis for passive scanning
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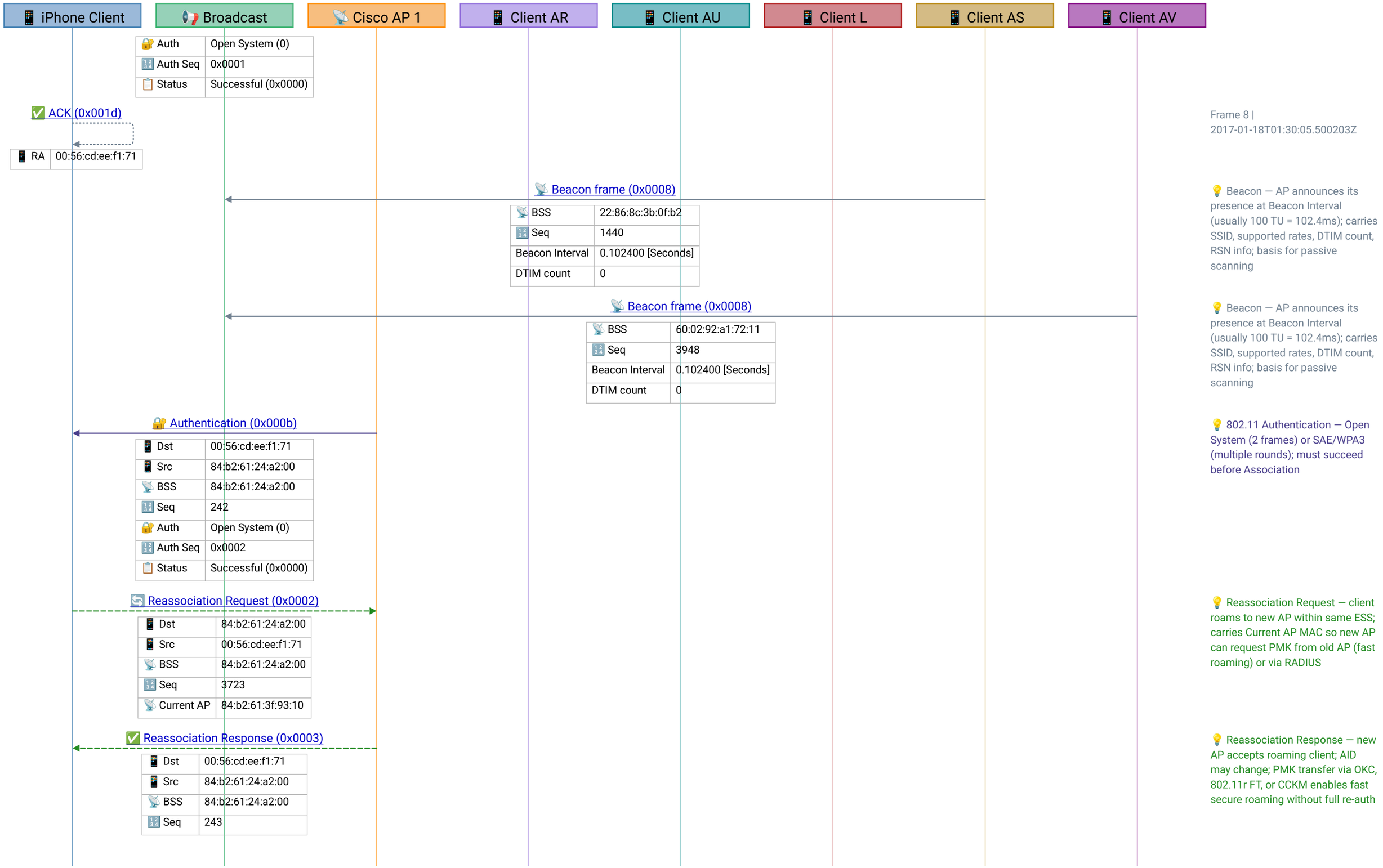
802.11 Authentication — Open System (2 frames) or SAE/WPA3 (multiple rounds); must succeed before Association



Frame 8 | 2017-01-18T01:30:05.500203Z

Beacon — AP announces its presence at Beacon Interval (usually 100 TU = 102.4ms); carries SSID, supported rates, DTIM count, RSN info; basis for passive scanning

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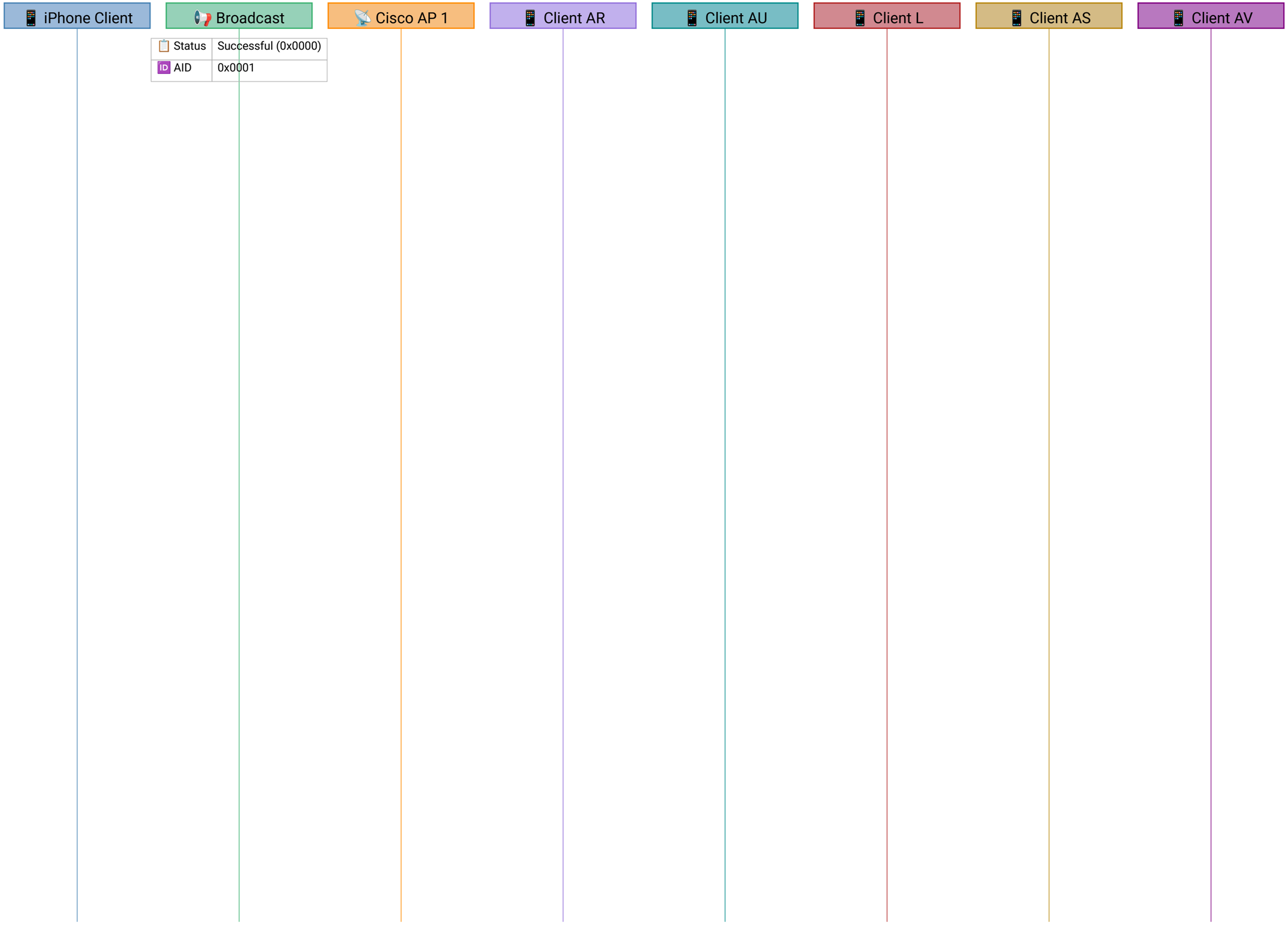
802.11 Authentication — Open System (2 frames) or SAE/WPA3 (multiple rounds); must succeed before Association

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 — 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


iPhone Client
Broadcast
Cisco AP 1
Client AR
Client AU
Client L
Client AS
Client AV
Status
Successful (0x0000)
AID
0x0001