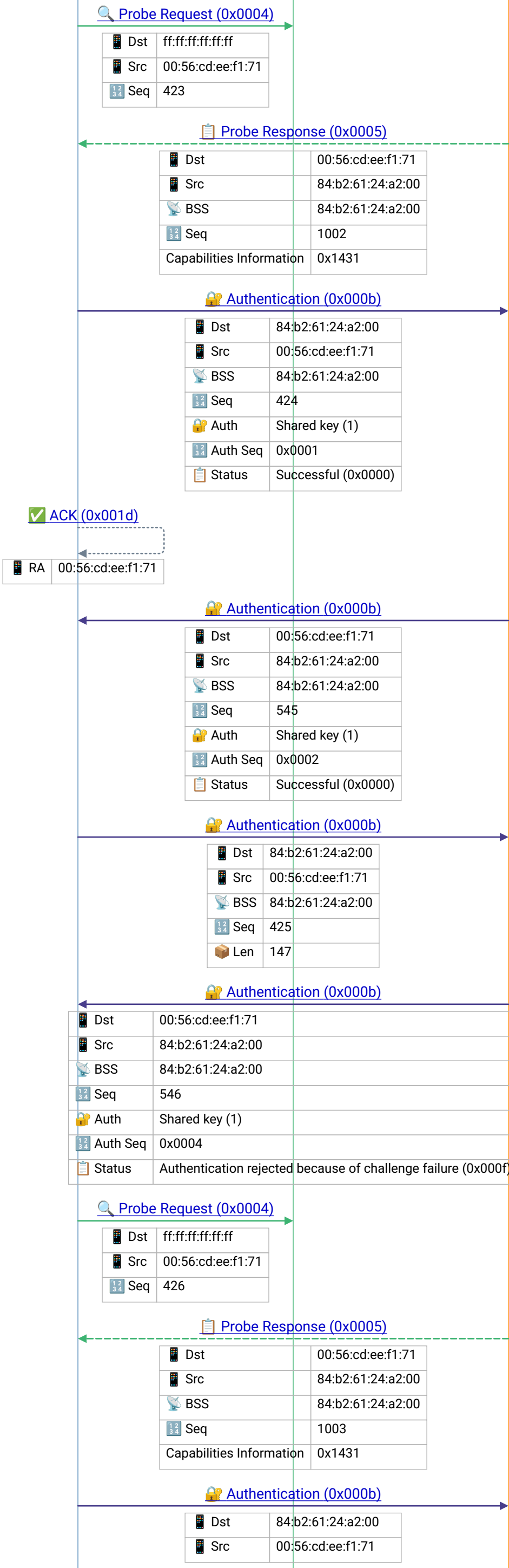


📱 iPhone Client
📡 Broadcast
📶 Cisco AP 1
📱 Client AT

clientassoc_wep_fail_wlan.pcapng



💡 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

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

Frame 4 | 2017-01-16T02:05:51.246043Z

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

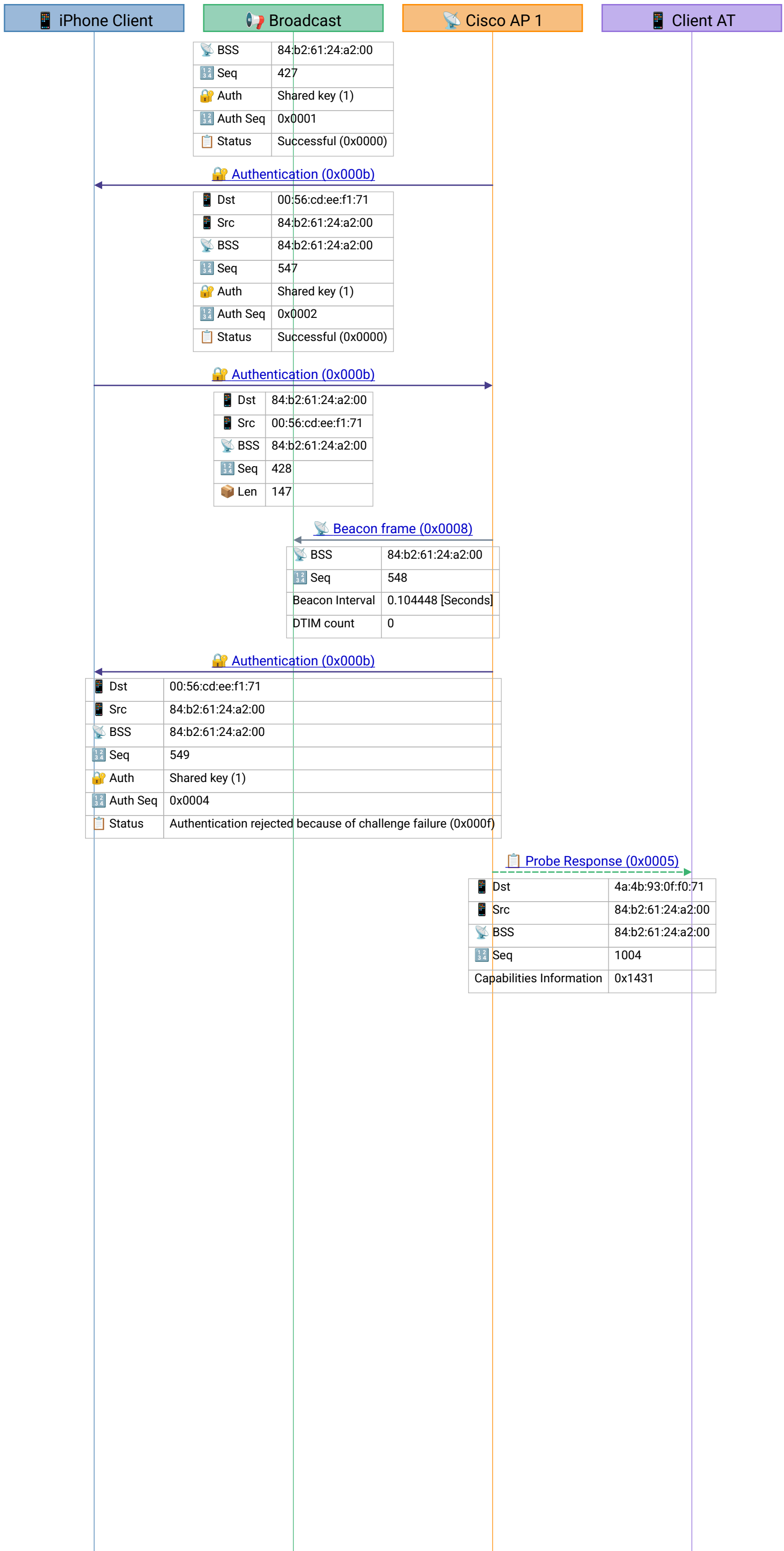
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💡 Beacon – AP announces its presence at Beacon Interval (usually 100 TU = 102.4ms); carries SSID, supported rates, DTIM count, RSN info; basis for passive scanning

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

💡 Probe Response – AP replies with capabilities (SSID, rates, RSN, channel); client uses signal strength + capabilities to select best AP for association