

Client B | Cisco AP 1 | Client A | AP wired D | WLC C | WLC L

bridge\_wgb\_opendata\_wired.pcapng

Data (0x0020)

Dst	ff:ff:ff:ff:ff:ff
Src	fc:99:47:be:c0:66
BSS	84:b2:61:24:a2:00
Seq	1537

Frame 1 |  
2017-02-04T15:07:59.617761Z

Data (0x0020)

Dst	ff:ff:ff:ff:ff:ff
Src	54:ee:75:49:f1:3e
BSS	84:b2:61:24:a2:00
Seq	257

Frame 3 |  
2017-02-04T15:08:07.486128Z

DHCP Request

Transaction ID	0xd5f3c327
IP	0.0.0.0
Client MAC address	54:ee:75:49:f1:3e
Client MAC address	54:ee:75:49:f1:3e
Hostname	NICKRUS-FLV15

💡 DHCP – client obtains IP address after 802.11 association and EAPOL key exchange complete; DORA: Discover→Offer→Request→ACK; in WLAN, DHCP may traverse CAPWAP tunnel to WLC

DHCP ACK

Transaction ID	0xd5f3c327
IP	10.0.41.25
Client MAC address	54:ee:75:49:f1:3e

💡 DHCP – client obtains IP address after 802.11 association and EAPOL key exchange complete; DORA: Discover→Offer→Request→ACK; in WLAN, DHCP may traverse CAPWAP tunnel to WLC

Data (0x0020)

Dst	54:ee:75:49:f1:3e
Src	84:b2:61:24:a2:00
BSS	84:b2:61:24:a2:00
Seq	0

Frame 6 |  
2017-02-04T15:08:07.488784Z

ICMP Echo Request

Identifier (BE)	1 (0x0001)
Sequence Number (BE)	6 (0x0006)

Frame 8 |  
2017-02-04T15:08:15.466104Z

ICMP Echo Reply

Identifier (BE)	1 (0x0001)
Sequence Number (BE)	6 (0x0006)

Frame 9 |  
2017-02-04T15:08:15.466934Z