Beacon frame

Ssid: ehd12

wlan.fc.type_subtype==0x08										
No.	Time	Source	Destination	Protocol	Length Info					
	1 0.000000	dc:8c:37:b3:96:e0	Broadcast	802.11	246 Beacon frame, SN=876, FN=0, Flags=, BI=102, SSID=ehd12					

- Fixed parameters (12 bytes)
 Tagged parameters (210 bytes)
 Tag: SSID parameter set: ehd12
 Tag Number: SSID parameter set (0)
 Tag length: 5
 SSID: ehd12

Management frame

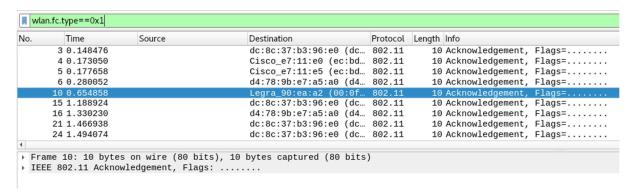
- ó Management frames
 - ó Frame type = 0
 - ó Used when clients join and leave networks
 - ó Management frames have the following sub-types
 - Beacon
 - Probe Request and Probe Response
 - Authentication
 - De-authentication
 - Association Request and Association Response
 - Re-association Request and Re-association Response
 - Disassociation

wlan.fc.type==0x0									
No.	Time	Source	Destination	Protocol	Length Info				
	1 0.000000	dc:8c:37:b3:96:e0	Broadcast	802.11	246 Beacon frame, SN=876, FN=0, Flags=, BI=102, SSID=ehd12				
	2 0.147968	dc:8c:37:b3:96:e0	IntelCor_b0:89:ac	802.11	240 Probe Response, SN=3154, FN=0, Flags=R, BI=102, SSID=ehd12				
	7 0.591424	dc:8c:37:b3:96:e0	Guangdon_2a:30:4b	802.11	240 Probe Response, SN=3155, FN=0, Flags=R, BI=102, SSID=ehd12				
	8 0.598080	dc:8c:37:b3:96:e0	Guangdon_2a:30:4b	802.11	240 Probe Response, SN=3155, FN=0, Flags=R, BI=102, SSID=ehd12				
	9 0.600640	dc:8c:37:b3:96:e0	Guangdon_2a:30:4b	802.11	240 Probe Response, SN=3155, FN=0, Flags=R, BI=102, SSID=ehd12				
	11 1.122364	dc:8c:37:b3:96:e0	HuaweiTe_52:0f:58	802.11	240 Probe Response, SN=3156, FN=0, Flags=R, BI=102, SSID=ehd12				
	12 1.124416	dc:8c:37:b3:96:e0	HuaweiTe_52:0f:58	802.11	240 Probe Response, SN=3156, FN=0, Flags=R, BI=102, SSID=ehd12				
	13 1.126976	dc:8c:37:b3:96:e0	HuaweiTe_52:0f:58	802.11	240 Probe Response, SN=3156, FN=0, Flags=R, BI=102, SSID=ehd12				
	14 1.188928	dc:8c:37:b3:96:e0	IntelCor_b0:89:ac	802.11	240 Probe Response, SN=3157, FN=0, Flags=R, BI=102, SSID=ehd12				

Control frame

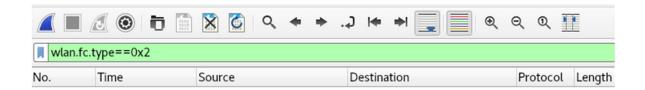
ó Control frames

- Frame type = 1
- ó Assist in the delivery of data frames in the network
- 6 Control frames have the following sub-types
 - Request to Send (RTS)
 - Clear to Send (CTS)
 - Acknowledgement (ACK)



Data frame

- Oata frames
 - ó Frame type = 2
 - 6 Carry the actual data from higher-layer protocols
 - ó Data frames do not have further sub-types



ea	apol							
No.	Time	Source	Destination	Protocol	Length	Info		
	5611 256.961094	d4:78:9b:e7:cb:10	XiaomiCo_08:f7:a0	EAPOL	155	Key	(Message 1 of 4)
	5614 257.075280	XiaomiCo_08:f7:a0	d4:78:9b:e7:cb:10	EAPOL	155	Key	(Message 2 of 4	1)
	5616 257.083970	d4:78:9b:e7:cb:10	XiaomiCo_08:f7:a0	EAPOL	205	Key	(Message 3 of 4	1)
	5618 257.091660	XiaomiCo_08:f7:a0	d4:78:9b:e7:cb:10	EAPOL	133	Key	(Message 4 of 4	1)

Sending disassociation frame

Cracking wpa password