

802.11 Management Frames (zum Betreten oder verlassen einer BSS)

Alle Management Frames	wlan.fc.type == 0
Association Requests	wlan.fc.type_subtype == 0
Association Responses	wlan.fc.type_subtype == 1
Reassociation Requests	wlan.fc.type_subtype == 2
Reassociation Responses	wlan.fc.type_subtype == 3
Probe Requests	wlan.fc.type_subtype == 4
Probe Responses	wlan.fc.type_subtype == 5
Beacons	wlan.fc.type_subtype == 8
ATIMs	wlan.fc.type_subtype == 9
Disassociations	wlan.fc.type_subtype == 10
Authentications	wlan.fc.type_subtype == 11
Deauthentications	wlan.fc.type_subtype == 12
Actions	wlan.fc.type_subtype == 13

802.11 Control Frames (koordinieren die Data Frames)

Alle Control Frames	wlan.fc.type == 1
Block ACK Requests	wlan.fc.type_subtype == 24
Block ACKs	wlan.fc.type_subtype == 25
PS-Polls	wlan.fc.type_subtype == 26
Request to sends (RTS)	wlan.fc.type_subtype == 27
Clear to sends (CTS)	wlan.fc.type_subtype == 28
ACKs	wlan.fc.type_subtype == 29
CF-Ends	wlan.fc.type_subtype == 30
CF-Ends/CF-ACKs	wlan.fc.type_subtype == 31

802.11 Data Frames (übertragen den Payload)

Alle Data Frames	wlan.fc.type == 2
Data	wlan.fc.type_subtype == 32
Data + CF-ACK	wlan.fc.type_subtype == 33
Data + CF-Poll	wlan.fc.type_subtype == 34
Data + CF-ACK + CF-Poll	wlan.fc.type_subtype == 35
NULL	wlan.fc.type_subtype == 36
CF-ACK	wlan.fc.type_subtype == 37
CF-Poll	wlan.fc.type_subtype == 38
CF-ACK + CF-Poll	wlan.fc.type_subtype == 39
QoS Data	wlan.fc.type_subtype == 40
QoS Data + CF-ACK	wlan.fc.type_subtype == 41
QoS Data + CF-Poll	wlan.fc.type_subtype == 42
QoS Data + CF-ACK + CF-Poll	wlan.fc.type_subtype == 43
QoS NULL	wlan.fc.type_subtype == 44
QoS CF-Poll	wlan.fc.type_subtype == 46
QoS CF-ACK + CF-Poll	wlan.fc.type_subtype == 47

Sonstiges (Retransmissions, 4-Way-Handshake, Malformed Packets)

Retransmissions	wlan.fc.retry == 1
4-Way-Handshake (EAPOL)	wlan_rsnal_eapol.keydes.id
Bad Checksum	wlan.fcs.bad_checksum
Malformed Packets	_ws.malformed.expert

802.11 Frame Addresses (Legen Absender und Empfänger fest)

Adresse Clients	wlan.addr == x Beispiel: wlan.addr == 11:22:33:44:55:66
Adresse Sender	wlan.ta == x Beispiel: wlan.ta == 11:22:33:44:55:66
Adresse Empfänger	wlan.ra == x Beispiel: wlan.ra == 11:22:33:44:55:66
Adresse Quelle	wlan.sa == x Beispiel: wlan.sa == 11:22:33:44:55:66
Adresse Ziel	wlan.da == x Beispiel: wlan.da == 11:22:33:44:55:66

WLAN-Netzwerke (fassen den gesamten Verkehr zusammen)

Access Point (BSSID)	wlan.bssid == x Beispiel: wlan.bssid == 11:22:33:44:55:66
WLAN-Name (SSID)	wlan.ssid == x Beispiel: wlan.ssid == „Hallo Welt“

Radio Information 802.11 (zusätzliche RF-Informationen)

Kanal	wlan_radio.channel == x Beispiel: wlan_radio.channel == 6
Datenrate (Mb/s)	wlan_radio.data_rate == x Beispiel: wlan_radio.data_rate >= 72
Signalstärke (dBm)	wlan_radio.signal_dbm == x Beispiel: wlan_radio.signal_dbm == 83
Rauschen (dBm)	wlan_radio.noise_dbm == x Beispiel: wlan_radio.noise_dbm == 96
SNR (dB)	wlan_radio.snr == x Beispiel: wlan_radio.snr == -13
Präambel (µs)	wlan_radio.preamble == x Beispiel: wlan_radio.preamble == 20