

rtp_sip_g722_h264.pcapng

SIP INVITE

Via	SIP/2.0/UDP 10.10.217.101:5060;branch=z9hG4bKA6636
Call-ID	F58314CE-6DCE11E9-8F22994E-3DE0939@10.10.217.101
UA	Cisco-SIPGateway/IOS-16.9.3
CSeq	101 INVITE
Contact	<sip:3050@10.10.217.101:5060>
Max-Fwd	67

💡 SIP INVITE initiates a call – carries SDP offer with codec/media proposals; callee responds with 180 Ringing, then 200 OK with SDP answer

SIP 100 Trying

💡 100 Trying – proxy accepted the request and is searching for the callee; stops retransmission timer; no end-to-end significance

SIP 180 Ringing

💡 180 Ringing – callee's phone is alerting; caller hears locally generated ringback; 183 with SDP offers early media (in-band ringback) instead

SIP 200 OK

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake

Contact	<sip:2050@10.10.217.100:5060>;video,bfcp
Connection	IN IP4 10.10.217.205
Media	audio 25726 RTP/AVP 108 9 124 0 8 116 18 101
Attr	rtpmap:108 MP4A-LATM/90000
Attr	fmp:108 bitrate=64000;profile-level-id=24;object=23
Attr	rtpmap:9 G722/8000
Attr	rtpmap:124 iSAC/16000
Attr	rtpmap:0 PCMU/8000
Attr	rtpmap:8 PCMA/8000
Attr	rtpmap:116 iLBC/8000
Attr	maxptime:20
Attr	fmp:116 mode=20
Attr	rtpmap:18 G729/8000
Attr	fmp:18 annexb=no
Attr	rtpmap:101 telephone-event/8000...
	16 more

SIP ACK

Frame 6 | 2019-05-04T18:12:08.434975Z

Call-ID	F58314CE-6DCE11E9-8F22994E-3DE0939@10.10.217.101
CSeq	101 ACK
Owner	CiscoSystemsCCM-SIP 18489 1 IN IP4 10.10.234.100
Connection	IN IP4 10.10.217.101
Media	audio 8072 RTP/AVP 9 101
Media	video 8074 RTP/AVP 100

UDP Data

Frame 7 | 2019-05-04T18:12:08.557969Z

Length 180

UDP Data

Frame 10 | 2019-05-04T18:12:08.604964Z

Length 180

UDP Data

Frame 44 | 2019-05-04T18:12:08.933942Z

Length 82

UDP Data

Frame 87 | 2019-05-04T18:12:09.113992Z

Length 82

SIP BYE

💡 SIP BYE terminates an established dialog – both sides send BYE to release media resources; Reason header explains why (e.g., user hangup)

Call-ID	F58314CE-6DCE11E9-8F22994E-3DE0939@10.10.217.101
CSeq	102 BYE
Reason	Q.850;cause=16

SIP 200 OK

💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake