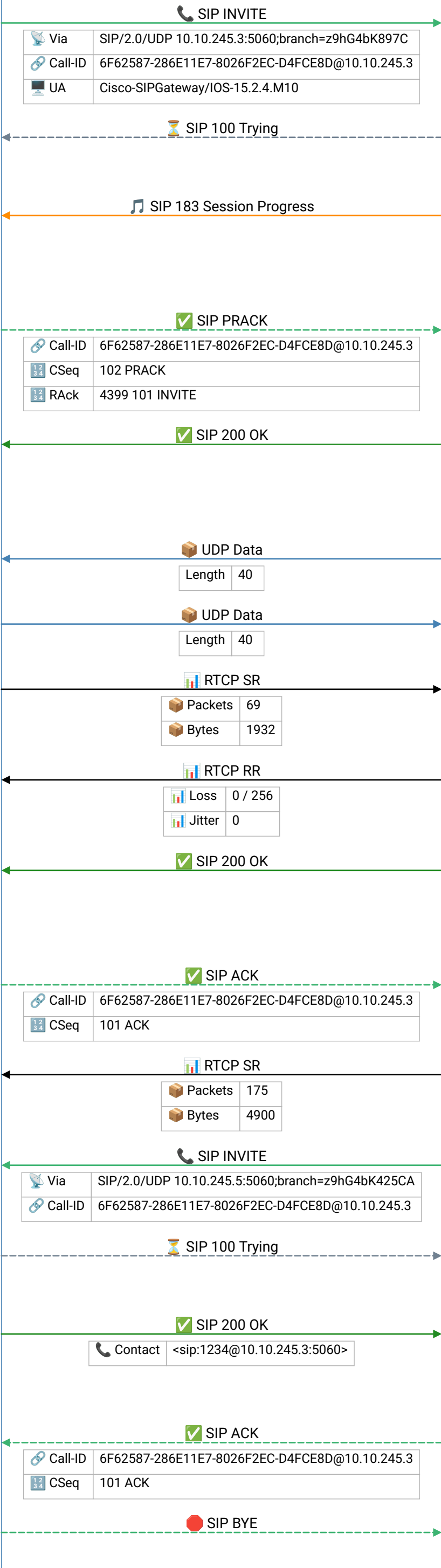


fax_sip_passthru_tgw.pcapng



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

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

183 Session Progress – carries SDP answer for early media (ringback tone, IVR prompts); RTP flows before call is answered; requires PRACK if 100rel is negotiated

Frame 4 | 2017-04-24T21:09:16.270425Z

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

Frame 6 | 2017-04-24T21:09:16.289551Z

Frame 7 | 2017-04-24T21:09:16.300236Z

RTCP Sender Report – media sender reports packet/byte counts and NTP timestamp for lip-sync; receivers use this to calculate jitter and loss

RTCP Receiver Report – reports packet loss fraction and jitter for each source; high jitter or loss indicates network congestion affecting voice quality

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

Frame 663 | 2017-04-24T21:09:26.569893Z

RTCP Sender Report – media sender reports packet/byte counts and NTP timestamp for lip-sync; receivers use this to calculate jitter and loss

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


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




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

Frame 970 | 2017-04-24T21:09:31.748956Z

SIP BYE terminates an established dialog – both sides send BYE to release media


 Fax OGW

 Fax TGW

 Call-ID	6F62587-286E11E7-8026F2EC-D4FCE8D@10.10.245.3
 CSeq	103 BYE
 Reason	Q.850;cause=16

resources; Reason header explains why (e.g., user hangup)

 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