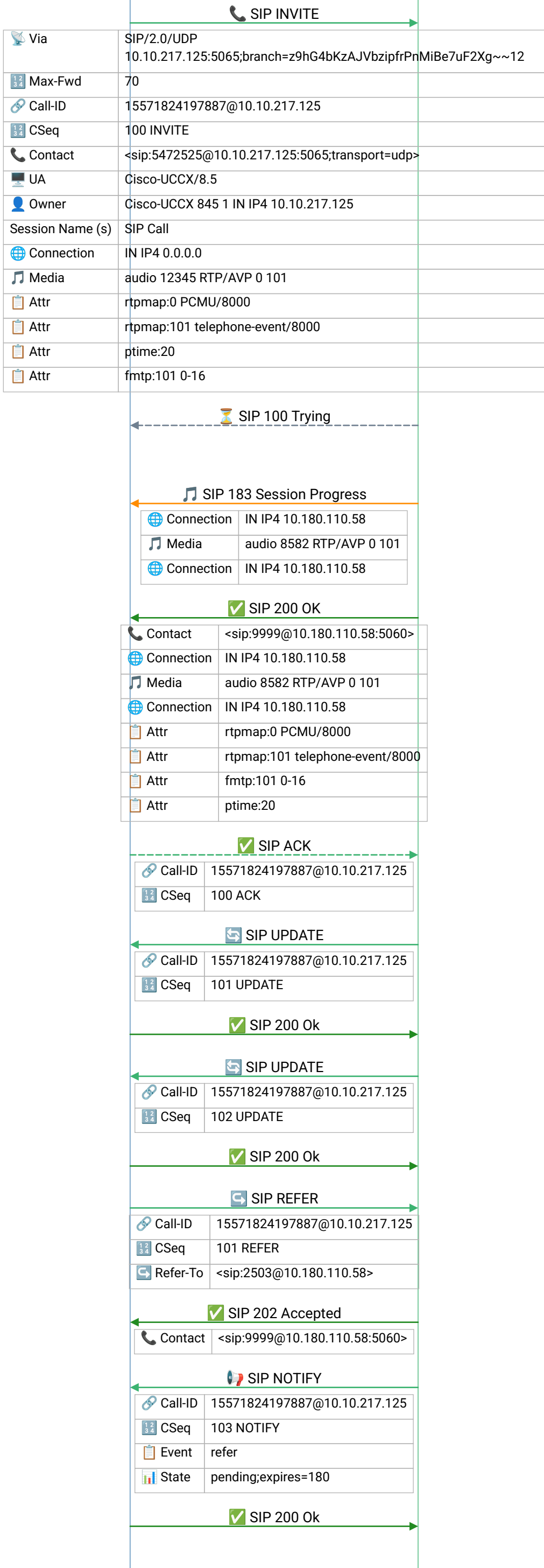


sip_cpa.pcapng



💡 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

💡 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 5 | 2019-05-06T22:40:22.837954Z

Frame 6 | 2019-05-06T22:40:23.045987Z

Frame 7 | 2019-05-06T22:40:23.056988Z

Frame 8 | 2019-05-06T22:40:24.706948Z

Frame 9 | 2019-05-06T22:40:24.707955Z

Frame 10 | 2019-05-06T22:40:24.709954Z

Frame 11 | 2019-05-06T22:40:24.71296Z

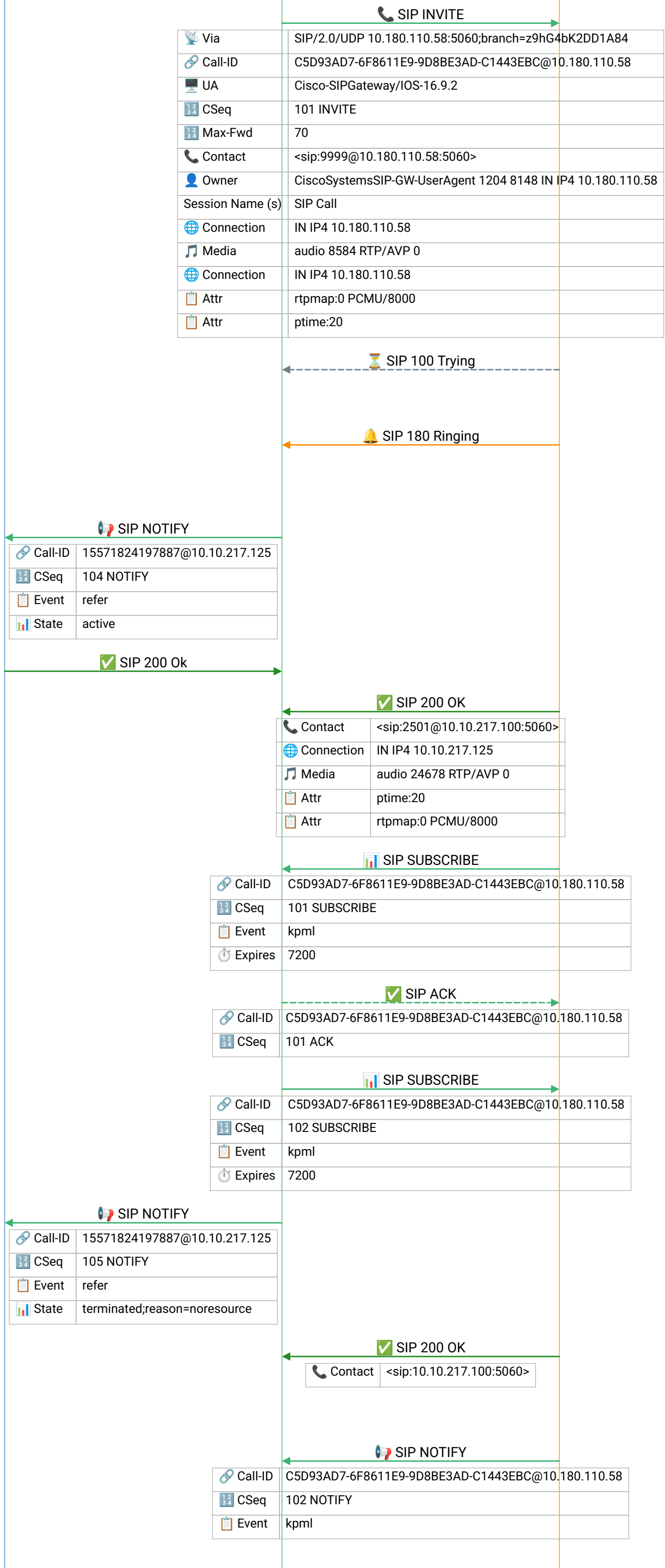
Frame 12 | 2019-05-06T22:40:24.71296Z

Frame 13 | 2019-05-06T22:40:24.714959Z

SIP Phone

SIP Proxy

MGCP Call Agent A



💡 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

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

Frame 17 | 2019-05-06T22:40:24.737953Z

Frame 18 | 2019-05-06T22:40:24.739951Z

💡 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 20 | 2019-05-06T22:40:24.753958Z

Frame 21 | 2019-05-06T22:40:24.758948Z

Frame 22 | 2019-05-06T22:40:24.758948Z

Frame 23 | 2019-05-06T22:40:24.759955Z

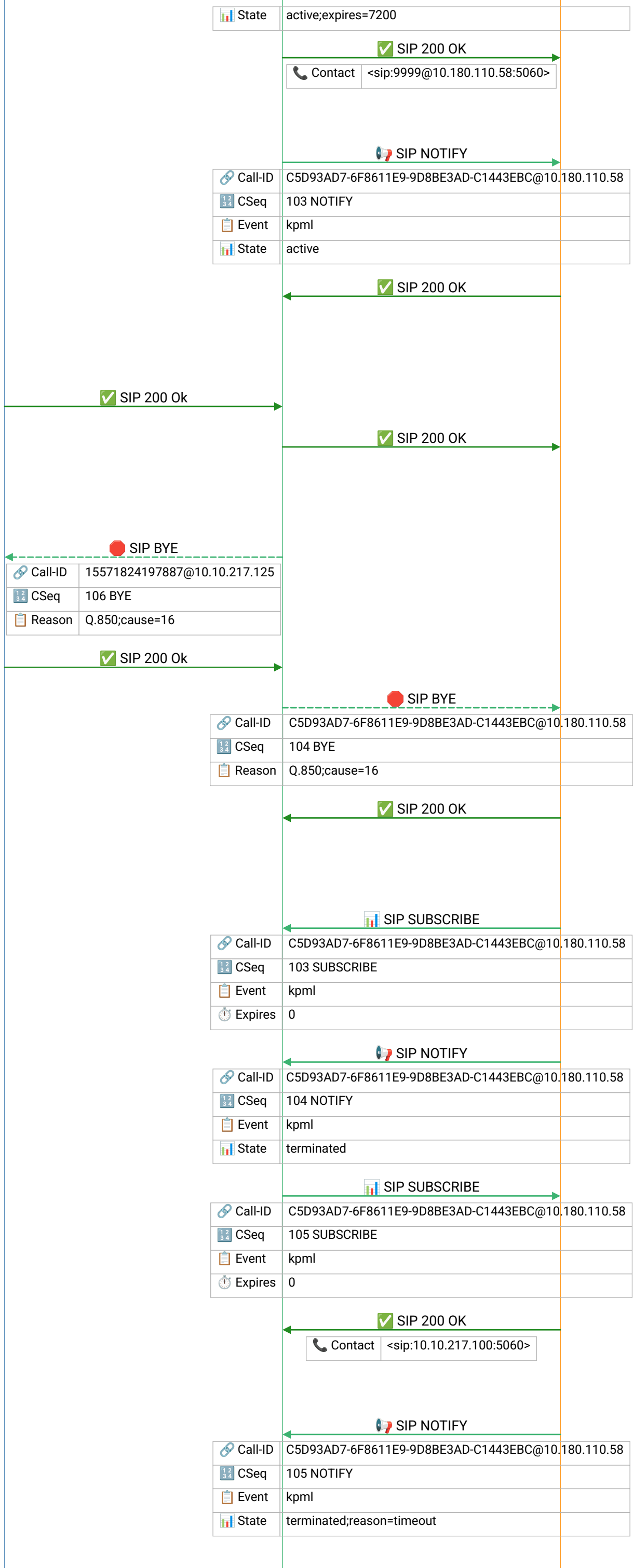
💡 200 OK – call answered (for INVITE) or registration accepted (for REGISTER); SDP answer completes codec negotiation; caller must send ACK to complete 3-way handshake

Frame 25 | 2019-05-06T22:40:24.760946Z

SIP Phone

SIP Proxy

MGCP Call Agent A



💡 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 27 | 2019-05-06T22:40:24.760946Z

💡 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 29 | 2019-05-06T22:40:24.761954Z

💡 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

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

Frame 32 | 2019-05-06T22:40:24.762945Z

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

💡 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 35 | 2019-05-06T22:40:33.944943Z

Frame 36 | 2019-05-06T22:40:33.944943Z

Frame 37 | 2019-05-06T22:40:33.94595Z

💡 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 39 | 2019-05-06T22:40:33.946941Z

SIP Phone

SIP Proxy

MGCP Call Agent A

✓ SIP 200 OK
Contact <sip:9999@10.180.110.58:5060>

SIP NOTIFY

Call-ID	C5D93AD7-6F8611E9-9D8BE3AD-C1443EBC@10.180.110.58
CSeq	106 NOTIFY
Event	kpml
State	terminated

✓ SIP 200 OK

✓ SIP 200 OK

✗ SIP 481 Subscription does not exist

💡 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 41 |
2019-05-06T22:40:33.946941Z

💡 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

💡 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 44 |
2019-05-06T22:40:33.947949Z