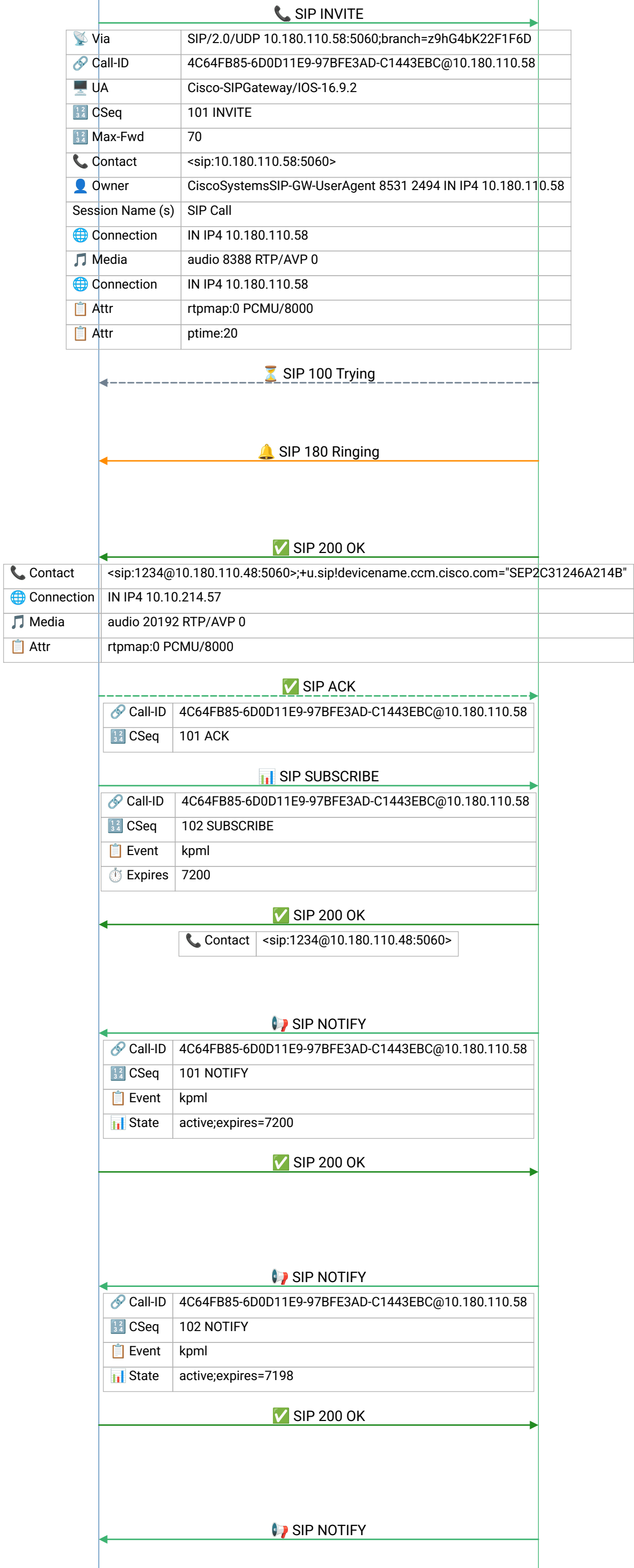


sip_dtmf_kpml.pcapng



💡 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

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

💡 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 | 2019-05-03T19:05:51.13398Z

Frame 6 | 2019-05-03T19:05:51.13398Z

💡 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 8 | 2019-05-03T19:05:51.136986Z

💡 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 10 | 2019-05-03T19:05:52.236987Z

💡 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 12 | 2019-05-03T19:05:52.788945Z

SIP Proxy

SIP Phone A

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	103 NOTIFY
Event	kpml
State	active;expires=7198

✓ SIP 200 OK

← SIP NOTIFY

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	104 NOTIFY
Event	kpml
State	active;expires=7198

✓ SIP 200 OK

← SIP NOTIFY

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	105 NOTIFY
Event	kpml
State	active;expires=7197

✓ SIP 200 OK

← SIP NOTIFY

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	106 NOTIFY
Event	kpml
State	active;expires=7197

✓ SIP 200 OK

← SIP NOTIFY

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	107 NOTIFY
Event	kpml
State	active;expires=7197

✓ SIP 200 OK

← SIP NOTIFY

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	108 NOTIFY
Event	kpml
State	active;expires=7196

✓ SIP 200 OK

← SIP NOTIFY

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	109 NOTIFY
Event	kpml

💡 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 14 | 2019-05-03T19:05:53.09199Z

💡 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 16 | 2019-05-03T19:05:53.49297Z

💡 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 18 | 2019-05-03T19:05:53.782949Z

💡 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 | 2019-05-03T19:05:54.064983Z

💡 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

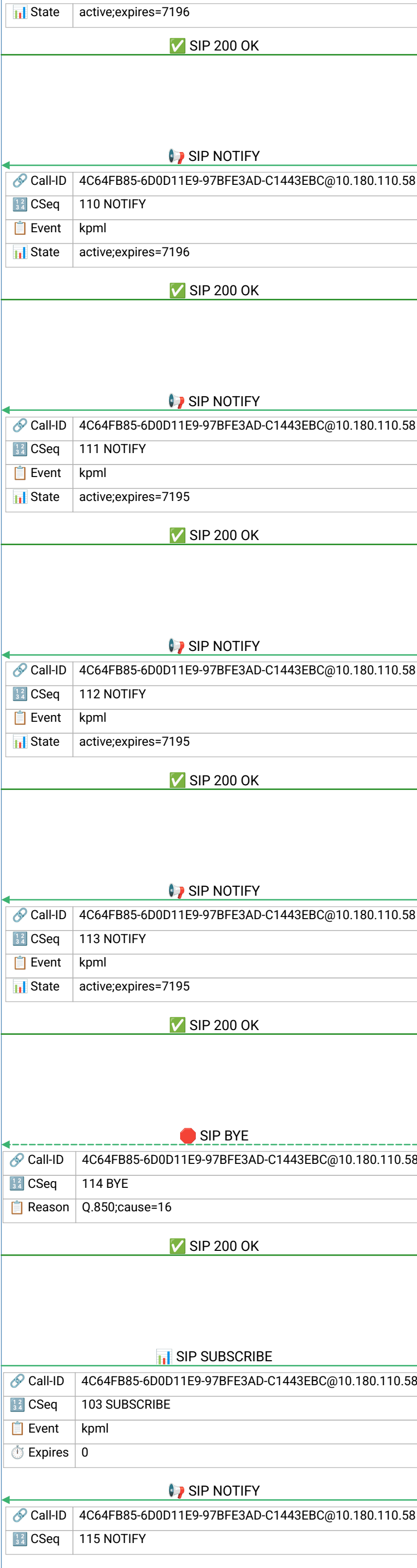
Frame 22 | 2019-05-03T19:05:54.478963Z

💡 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 24 | 2019-05-03T19:05:54.772955Z

SIP Proxy

SIP Phone 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 26 |

2019-05-03T19:05:55.016997Z

💡 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 28 |

2019-05-03T19:05:55.481969Z

💡 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 30 |

2019-05-03T19:05:55.684962Z

💡 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 32 |

2019-05-03T19:05:55.962947Z

💡 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)

💡 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 36 |

2019-05-03T19:05:57.14199Z

Frame 37 |

2019-05-03T19:05:57.14199Z

SIP Proxy

SIP Phone A

Event	kpml
State	terminated

✓ SIP 200 OK

Contact <sip:1234@10.180.110.48:5060>

✓ SIP 200 OK

SIP NOTIFY

Call-ID	4C64FB85-6D0D11E9-97BFE3AD-C1443EBC@10.180.110.58
CSeq	116 NOTIFY
Event	kpml
State	terminated;reason=timeout

⊘ 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

💡 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 40 |
2019-05-03T19:05:57.142982Z

Frame 41 |
2019-05-03T19:05:57.143989Z