📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

📁 **asterisk_nortel-1140.pcap**

📋 SIP REGISTER

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4227 REGISTER
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;+sip.instance="<urn:uuid:00000000-0000-0000-...
⏰ Expires	120

💡 [Frame 1] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

⚠️ SIP 401 Unauthorized

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4227 REGISTER
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"5fb59ad5"

Frame 2 | 2010-10-10T09:20:23.632041Z

📋 SIP REGISTER

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4228 REGISTER
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;+sip.instance="<urn:uuid:00000000-...
🔐 Auth-Scheme	Digest
👤 Auth-User	"5001"
🏰 Realm	"asterisk"
🔗 Auth-URI	"sip:10.21.0.131"
🔏 Digest	"c6e9f472c8a2921a8ef-f6e00bbd08238"
🎲 Nonce	"5fb59ad5"
🧮 Algorithm	MD5
⏰ Expires	120

💡 [Frame 3] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

✅ SIP 200 OK

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4228 REGISTER
⏰ Expires	120
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;expires=120

💡 [Frame 4] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

🔍 SIP OPTIONS

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	126868948784200021533@10.21.0.132
🔢 CSeq	1 OPTIONS
📜 Allow	RE-GIS-TER,OP-...
🎯 Accept	application/sdp, application/simple-message-summary, message/sipfrag

Frame 5 | 2010-10-10T09:20:28.607226Z

⚠️ SIP 404 Not Found

Frame 6 | 2010-10-10T09:20:28.615788Z

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	126868948784200021533@10.21.0.132
🔢 CSeq	1 OPTIONS

🔍 SIP OPTIONS

Frame 7 | 2010-10-10T09:21:28.683623Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	11243265284200021633@10.21.0.132
🔢 CSeq	1 OPTIONS
📜 Allow	RE- GIS- TER,OP-...
🎯 Accept	application/sdp, application/simple-message-summary, message/sipfrag

⚠️ SIP 404 Not Found

Frame 8 | 2010-10-10T09:21:28.693594Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	11243265284200021633@10.21.0.132
🔢 CSeq	1 OPTIONS

📞 SIP PING sip:10.21.0.131:5060 SIP/2.0

Frame 9 | 2010-10-10T09:22:14.663806Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22568 PING

💥 SIP 501 Method Not Implemented

Frame 10 | 2010-10-10T09:22:14.677349Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22568 PING

📋 SIP REGISTER

💡 [Frame 11] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	6005a8a8bf483293
🔢 CSeq	17596 REGISTER
📇 Contact	<sip:5000@10.21.2.4>;description="Login"
⏰ Expires	86400
🧑 User-Agent	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)

⚠️ SIP 401 Unauthorized

Frame 12 | 2010-10-10T09:22:15.083689Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	6005a8a8bf483293
🔢 CSeq	17596 REGISTER
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"2d0bc54e"

📋 SIP REGISTER

💡 [Frame 13] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	6005a8a8bf483293
🔢 CSeq	17597 REGISTER
🔐 Auth-Scheme	Digest
👤 Auth-User	"5000"
🏰 Realm	"asterisk"
🎲 Nonce	"2d0bc54e"
🔗 Auth-URI	"sip:10.21.0.131:5060"
🔏 Digest	"3ea7e7a4cb4ef7e4fccc6ffdf7360226"
🧮 Algorithm	MD5
📇 Contact	<sip:5000@10.21.2.4>;description="Login"

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

⏰ Expires	86400
🧑 User-Agent	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)

✅ SIP 200 OK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	6005a8a8bf483293
🔢 CSeq	17597 REGISTER
⏰ Expires	3600
📇 Contact	<sip:5000@10.21.2.4>;expires=3600

💡 [Frame 14] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

📞 SIP PING sip:10.21.0.131:5060 SIP/2.0

Frame 15 | 2010-10-10T09:22:15.332022Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22569 PING

💥 SIP 501 Method Not Implemented

Frame 16 | 2010-10-10T09:22:15.333571Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22569 PING

📊 SIP SUBSCRIBE

Frame 17 | 2010-10-10T09:22:16.320499Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	b5d30b192419900a
🔢 CSeq	4939 SUBSCRIBE
📣 Event	service-package
⏰ Expires	86400

⚠️ SIP 401 Unauthorized

Frame 18 | 2010-10-10T09:22:16.333678Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	b5d30b192419900a
🔢 CSeq	4939 SUBSCRIBE
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"53287562"

📊 SIP SUBSCRIBE

Frame 19 | 2010-10-10T09:22:16.374478Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	b5d30b192419900a
🔢 CSeq	4940 SUBSCRIBE
📣 Event	service-package
⏰ Expires	86400

⚠️ SIP 489 Bad Event

Frame 20 | 2010-10-10T09:22:16.380672Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	b5d30b192419900a
🔢 CSeq	4940 SUBSCRIBE

📊 SIP SUBSCRIBE

Frame 21 | 2010-10-10T09:22:17.430289Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	3e93030311317a94
🔢 CSeq	30107 SUBSCRIBE
📣 Event	network-redirection-reminder
⏰ Expires	86400

⚠️ SIP 401 Unauthorized

Frame 22 | 2010-10-10T09:22:17.442974Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

🆔 Call-ID	3e93030311317a94
🔢 CSeq	30107 SUBSCRIBE
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"3f36fe76"

📊 SIP SUBSCRIBE

Frame 23 | 2010-10-10T09:22:17.484622Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	3e93030311317a94
🔢 CSeq	30108 SUBSCRIBE
📣 Event	network-redirection-reminder
⏰ Expires	86400

⚠️ SIP 489 Bad Event

Frame 24 | 2010-10-10T09:22:17.489782Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	3e93030311317a94
🔢 CSeq	30108 SUBSCRIBE

📊 SIP SUBSCRIBE

Frame 25 | 2010-10-10T09:22:18.541648Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	c1f7f5de5152ac43
🔢 CSeq	16559 SUBSCRIBE
📣 Event	ua-profile
⏰ Expires	86400

⚠️ SIP 401 Unauthorized

Frame 26 | 2010-10-10T09:22:18.552358Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	c1f7f5de5152ac43
🔢 CSeq	16559 SUBSCRIBE
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"75e15134"

📊 SIP SUBSCRIBE

Frame 27 | 2010-10-10T09:22:18.593911Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	c1f7f5de5152ac43
🔢 CSeq	16560 SUBSCRIBE
📣 Event	ua-profile
⏰ Expires	86400

⚠️ SIP 489 Bad Event

Frame 28 | 2010-10-10T09:22:18.599122Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	c1f7f5de5152ac43
🔢 CSeq	16560 SUBSCRIBE

📋 SIP REGISTER

💡 [Frame 29] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4229 REGISTER
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;+sip.instance="<urn:uuid:00000000-0000-0000-...
⏰ Expires	120

⚠️ SIP 401 Unauthorized

Frame 30 | 2010-10-10T09:22:18.865Z

Nortel D	Nortel A	Nortel B	Nortel C	Asterisk PBX

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4229 REGISTER
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"7aa58970"

📋 SIP REGISTER

💡 [Frame 31] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4230 REGISTER
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;+sip.instance="<urn:uuid:00000000-...
🔐 Auth-Scheme	Digest
👤 Auth-User	"5001"
🏰 Realm	"asterisk"
🔗 Auth-URI	"sip:10.21.0.131"
🔏 Digest	"505b-fe82346500-de5c2b1a53fbc7c737"
🎲 Nonce	"7aa58970"
🧮 Algorithm	MD5
⏰ Expires	120

✅ SIP 200 OK

💡 [Frame 32] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4230 REGISTER
⏰ Expires	120
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;expires=120

📊 SIP SUBSCRIBE

Frame 33 | 2010-10-10T09:22:19.649879Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	8e59ba99c98ada2f
🔢 CSeq	6861 SUBSCRIBE
📣 Event	message-summary
⏰ Expires	86400

⚠️ SIP 401 Unauthorized

Frame 34 | 2010-10-10T09:22:19.662237Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	8e59ba99c98ada2f
🔢 CSeq	6861 SUBSCRIBE
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"3b590cf2"

📊 SIP SUBSCRIBE

Frame 35 | 2010-10-10T09:22:19.705835Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	8e59ba99c98ada2f
🔢 CSeq	6862 SUBSCRIBE
📣 Event	message-summary
⏰ Expires	86400

⚠️ SIP 404 Not found (no mailbox)

Frame 36 | 2010-10-10T09:22:19.70851Z

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	8e59ba99c98ada2f
🔢 CSeq	6862 SUBSCRIBE

📋 SIP REGISTER

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4231 REGISTER
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;+sip.instance="<urn:uuid:00000000-...
🔐 Auth-Scheme	Digest
👤 Auth-User	"5001"
🏰 Realm	"asterisk"
🔗 Auth-URI	"sip:10.21.0.131"
🔏 Digest	"505b-fe82346500-de5c2b1a53fbc7c737"
🎲 Nonce	"7aa58970"
🧮 Algorithm	MD5
⏰ Expires	0

💡 [Frame 37] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

✅ SIP 200 OK

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d000c-42ada923-177f37f3@10.21.2.12
🔢 CSeq	4231 REGISTER
⏰ Expires	120
📇 Contact	<sip:5001@10.21.0.131>;expires=120

💡 [Frame 38] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

🔍 SIP OPTIONS

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	1103675005842000217 33@10.21.0.132
🔢 CSeq	1 OPTIONS
📜 Allow	RE-GIS-TER,OP-...
🎯 Accept	application/sdp, application/simple-message-summary, message/sipfrag

Frame 39 | 2010-10-10T09:22:28.759518Z

⚠️ SIP 404 Not Found

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	110367500584200021733@10.21.0.132
🔢 CSeq	1 OPTIONS

Frame 40 | 2010-10-10T09:22:28.771037Z

📞 SIP PING sip:10.21.0.131:5060 SIP/2.0

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22570 PING

Frame 41 | 2010-10-10T09:23:15.369271Z

💥 SIP 501 Method Not Implemented

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22570 PING

Frame 42 | 2010-10-10T09:23:15.380031Z

🔍 SIP OPTIONS

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	209491923784200021833@10.21.0.132

Frame 43 | 2010-10-10T09:23:28.836255Z

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

🔢 CSeq	1 OPTIONS
📜 Allow	RE-GIS-TER,OP-...
🎯 Accept	application/sdp, application/simple-message-summary, message/sipfrag

⚠️ SIP 404 Not Found

Frame 44 | 2010-10-10T09:23:28.848598Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	209491923784200021833@10.21.0.132
🔢 CSeq	1 OPTIONS

📞 SIP PING sip:10.21.0.131:5060 SIP/2.0

Frame 45 | 2010-10-10T09:24:15.409571Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22571 PING

💥 SIP 501 Method Not Implemented

Frame 46 | 2010-10-10T09:24:15.410687Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22571 PING

🔍 SIP OPTIONS

Frame 47 | 2010-10-10T09:24:28.91371Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	93867871384200021933@10.21.0.132
🔢 CSeq	1 OPTIONS
📜 Allow	RE-GIS-TER,OP-...
🎯 Accept	application/sdp, application/simple-message-summary, message/sipfrag

⚠️ SIP 404 Not Found

Frame 48 | 2010-10-10T09:24:28.926244Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	93867871384200021933@10.21.0.132
🔢 CSeq	1 OPTIONS

📞 SIP PING sip:10.21.0.131:5060 SIP/2.0

Frame 49 | 2010-10-10T09:25:15.448754Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22572 PING

💥 SIP 501 Method Not Implemented

Frame 50 | 2010-10-10T09:25:15.457042Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22572 PING

🔍 SIP OPTIONS

Frame 51 | 2010-10-10T09:25:28.988807Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	192990920384200022033@10.21.0.132
🔢 CSeq	1 OPTIONS
📜 Allow	RE-GIS-TER,OP-...
🎯 Accept	application/sdp, application/simple-message-summary, message/sipfrag

⚠️ SIP 404 Not Found

Frame 52 | 2010-10-10T09:25:29.003862Z

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	1929909203842000220330@10.21.0.132
🔢 CSeq	1 OPTIONS

📋 SIP REGISTER

💡 [Frame 53] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d0003-718e1b67-44d498f9@10.21.2.12
🔢 CSeq	101 REGISTER
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;+sip.instance="<urn:uuid:00000000-0000-0000-...
⏰ Expires	120

⚠️ SIP 401 Unauthorized

Frame 54 \| 2010-10-10T09:25:51.941172Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d0003-718e1b67-44d498f9@10.21.2.12
🔢 CSeq	101 REGISTER
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"6ea30f95"

📋 SIP REGISTER

💡 [Frame 55] SIP REGISTER binds a user's SIP URI (AOR) to the contact address where they can be reached; typically uses HTTP Digest authentication (401/407 challenge-response) and refreshes via Expires interval

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d0003-718e1b67-44d498f9@10.21.2.12
🔢 CSeq	102 REGISTER
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;+sip.instance="<urn:uuid:00000000-...
🔐 Auth-Scheme	Digest
👤 Auth-User	"5001"
🏰 Realm	"asterisk"
🔗 Auth-URI	"sip:10.21.0.131"
🔏 Digest	"f31384f3d7d955d3adf-ff5ec10f0fa6f"
🎲 Nonce	"6ea30f95"
🧮 Algorithm	MD5
⏰ Expires	120

✅ SIP 200 OK

💡 [Frame 56] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d0003-718e1b67-44d498f9@10.21.2.12
🔢 CSeq	102 REGISTER
⏰ Expires	120
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>;expires=120

📞 SIP INVITE

💡 [Frame 57] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.2.12:5060;branch=z9hG4bK69da3c5d
👤 From	sip:5001@10.21.0.131
👤 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🚦 Max-Forwards	70
🔢 CSeq	101 INVITE
🧑 User-Agent	Cisco-CP7960G/8.0

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>
👤 SDP-Owner	Cisco-SIPUA 21409 0 IN IP4 10.21.2.12
🏷️ SDP-Session	SIP Call
🎵 Media	audio 17164 RTP/AVP 0 8 18 101
🌐 SDP-Conn	IN IP4 10.21.2.12
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:18 G729/8000...
	4 more

⚠️ SIP 401 Unauthorized

Frame 58 | 2010-10-10T09:26:04.273019Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	101 INVITE
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"7081c3f8"

✅ SIP ACK

Frame 59 | 2010-10-10T09:26:04.345392Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	101 ACK

📞 SIP INVITE

💡 [Frame 60] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.2.12:5060;branch=z9hG4bK6b6597ee
👤 From	sip:5001@10.21.0.131
👤 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🚦 Max-Forwards	70
🔢 CSeq	102 INVITE
🧑 User-Agent	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>
👤 SDP-Owner	Cisco-SIPUA 21409 0 IN IP4 10.21.2.12
🏷️ SDP-Session	SIP Call
🎵 Media	audio 17164 RTP/AVP 0 8 18 101
🌐 SDP-Conn	IN IP4 10.21.2.12
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:18 G729/8000...
	4 more

⏳ SIP 100 Trying

Frame 61 | 2010-10-10T09:26:04.410148Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	102 INVITE

📞 SIP INVITE

💡 [Frame 62] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK58bbd2da
🚦 Max-Forwards	70
👤 From	sip:5001@10.21.0.131
👤 To	sip:5000@10.21.2.4
📇 Contact	<sip:5001@10.21.0.131>
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131

Nortel D	Nortel A	Nortel B	Nortel C	Asterisk PBX

🔢 CSeq	102 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 385449573 385449573 IN IP4 10.21.0.131
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.131
🎵 Media	audio 12252 RTP/AVP 8 0 9 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:9 G722/8000...
	5 more

⏳ SIP 180 Ringing

Frame 63 | 2010-10-10T09:26:04.642419Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	102 INVITE

⏳ SIP 180 Ringing

Frame 64 | 2010-10-10T09:26:04.650355Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	102 INVITE

✅ SIP 200 OK

💡 [Frame 65] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	102 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🖥️ Server	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455740 IN IP4 10.21.2.4
🌐 SDP-Conn	IN IP4 10.21.2.4
🕒 SDP-Time	0 0
🎵 Media	audio 50000 RTP/AVP 8 0 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	ptime:20...
	1 more

✅ SIP ACK

Frame 66 | 2010-10-10T09:26:06.847348Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	102 ACK

✅ SIP 200 OK

💡 [Frame 67] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	102 INVITE
📇 Contact	<sip:5000@10.21.0.131>
👤 SDP-Owner	root 1968199628 1968199628 IN IP4 10.21.0.131
🌐 SDP-Conn	IN IP4 10.21.0.131
🕒 SDP-Time	0 0
🎵 Media	audio 14388 RTP/AVP 8 0 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16
🎼 Media-Attr	silenceSupp:off - - - -
🎼 Media-Attr	ptime:20...
	1 more

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

✅ SIP ACK

Frame 68 |
2010-10-10T09:26:07.001105Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	102 ACK

📞 SIP INVITE

💡 [Frame 69] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK67c7f51c
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5001@10.21.0.131
📇 Contact	<sip:5000@10.21.0.131>
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	102 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 1968199628 1968199629 IN IP4 10.21.2.4
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.2.4
🎵 Media	audio 50000 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16...
	3 more

📞 SIP INVITE

💡 [Frame 70] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK1017cd38
🚦 Max-Forwards	70
👤 From	sip:5001@10.21.0.131
👤 To	sip:5000@10.21.2.4
📇 Contact	<sip:5001@10.21.0.131>
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	103 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 385449573 385449574 IN IP4 10.21.2.12
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.2.12
🎵 Media	audio 17164 RTP/AVP 8
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	silenceSupp:off - - - -
🎼 Media-Attr	ptime:20...
	1 more

✅ SIP 200 OK

💡 [Frame 71] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	102 INVITE
🖥️ Server	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>
👤 SDP-Owner	Cisco-SIPUA 21409 1 IN IP4 10.21.2.12
🕒 SDP-Time	0 0
🎵 Media	audio 17164 RTP/AVP 8 101
🌐 SDP-Conn	IN IP4 10.21.2.12
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	sendrecv

✅ SIP ACK

Frame 72 |
2010-10-10T09:26:07.175695Z

Nortel D | Nortel A | Nortel B | Nortel C | Asterisk PBX

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	102 ACK

⏳ SIP 100 Trying

Frame 73 | 2010-10-10T09:26:07.200116Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	103 INVITE

✅ SIP 200 OK

💡 [Frame 74] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	103 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🖥️ Server	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455742 IN IP4 10.21.2.4
🌐 SDP-Conn	IN IP4 10.21.2.4
🕒 SDP-Time	0 0
🎵 Media	audio 50000 RTP/AVP 8
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	ptime:20
🎼 Media-Attr	sendrecv

✅ SIP ACK

Frame 75 | 2010-10-10T09:26:07.237896Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	103 ACK

🛑 SIP BYE

💡 [Frame 76] SIP BYE terminates an established dialog; either party can send it, and the receiving side responds with 200 OK to confirm teardown of the RTP media streams and release resources

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	103 BYE

✅ SIP 200 OK

💡 [Frame 77] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	003094c3-fd2d0004-4e7840cb-3879992a@10.21.2.12
🔢 CSeq	103 BYE
📇 Contact	<sip:5000@10.21.0.131>

📞 SIP INVITE

💡 [Frame 78] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK6b4ec606
🚦 Max-Forwards	70
👤 From	sip:5001@10.21.0.131
👤 To	sip:5000@10.21.2.4
📇 Contact	<sip:5001@10.21.0.131>
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	104 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 385449573 385449575 IN IP4 10.21.0.131
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.131
🎵 Media	audio 12252 RTP/AVP 8
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	silenceSupp:off - - - -
🎼 Media-Attr	ptime:20...
	1 more

⏳ SIP 100 Trying

Frame 79 | 2010-10-10T09:26:13.942543Z

👤 From	sip:5001@10.21.0.131

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	104 INVITE

✅ SIP 200 OK

💡 [Frame 80] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	104 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🖥️ Server	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455749 IN IP4 10.21.2.4
🌐 SDP-Conn	IN IP4 10.21.2.4
🕒 SDP-Time	0 0
🎵 Media	audio 50000 RTP/AVP 8
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	ptime:20
🎼 Media-Attr	sendrecv

✅ SIP ACK

Frame 81 | 2010-10-10T09:26:13.972184Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	104 ACK

🛑 SIP BYE

💡 [Frame 82] SIP BYE terminates an established dialog; either party can send it, and the receiving side responds with 200 OK to confirm teardown of the RTP media streams and release resources

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	105 BYE

✅ SIP 200 OK

💡 [Frame 83] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.2.4
🆔 Call-ID	3f657eeb14dc83e02857b85f46548fb4@10.21.0.131
🔢 CSeq	105 BYE
🖥️ Server	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)

📞 SIP PING sip:10.21.0.131:5060 SIP/2.0

Frame 84 | 2010-10-10T09:26:15.489081Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22573 PING

💥 SIP 501 Method Not Implemented

Frame 85 | 2010-10-10T09:26:15.503371Z

👤 From	sip:10.21.0.131
👥 To	sip:10.21.0.131
🆔 Call-ID	c9ca4c221fc4aba9
🔢 CSeq	22573 PING

📞 SIP INVITE

💡 [Frame 86] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.2.4:5060;branch=z9hG4bK28297f7dd35e74721
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21786 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🧑 User-Agent	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455760 IN IP4 10.21.2.4
🏷️ SDP-Session	-
🌐 SDP-Conn	IN IP4 10.21.2.4
🎵 Media	audio 50002 RTP/AVP 0 8 18 101 111
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:18 G729/8000...

Nortel D | Nortel A | Nortel B | Nortel C | Asterisk PBX

	3 more

⚠️ SIP 401 Unauthorized

Frame 87 | 2010-10-10T09:26:24.691039Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21786 INVITE
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"4f008bd8"

✅ SIP ACK

Frame 88 | 2010-10-10T09:26:24.749251Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21786 ACK

📞 SIP INVITE

💡 [Frame 89] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.2.4:5060;branch=z9hG4bKdab47dc077bbb5e8d
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21787 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🧑 User-Agent	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455760 IN IP4 10.21.2.4
🏷️ SDP-Session	-
🌐 SDP-Conn	IN IP4 10.21.2.4
🎵 Media	audio 50002 RTP/AVP 0 8 18 101 111
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:18 G729/8000...
	3 more

⏳ SIP 100 Trying

Frame 90 | 2010-10-10T09:26:24.770207Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21787 INVITE

📞 SIP INVITE

💡 [Frame 91] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK4231233e
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5000000@10.21.0.130:5063
📇 Contact	<sip:5000@10.21.0.131>
🆔 Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
🔢 CSeq	102 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 2053892610 2053892610 IN IP4 10.21.0.131
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.131
🎵 Media	audio 17558 RTP/AVP 8 0 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000...
	4 more

⏳ SIP 100 Trying

Frame 92 | 2010-10-10T09:26:24.902167Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000000@10.21.0.130:5063
🆔 Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
🔢 CSeq	102 INVITE

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

📞 SIP INVITE

👤 From	sip:ivrUsr_0@domain
👤 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	1 INVITE
🛤️ Via	SIP/2.0/UDP 10.21.0.130:5063;branch=z9hG4bK-250249-9090f0f4-368c9eb
🚦 Max-Forwards	70
📇 Contact	<sip:ivrUsr_0@10.21.0.130:5063>
👤 SDP-Owner	root 2053892610 2053892610 IN IP4 10.21.0.131
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.131
🎵 Media	audio 17558 RTP/AVP 8 0 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16...
	3 more

💡 [Frame 93] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

⏳ SIP 100 Trying

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	1 INVITE

Frame 94 | 2010-10-10T09:26:24.949758Z

✅ SIP 200 OK

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	1 INVITE
📇 Contact	<sip:10.21.0.132:5060>
🖥️ Server	Audiocodes-Sip-Gateway-Mediant 1000/v.6.00A.030
👤 SDP-Owner	AudiocodesGW 705744461 705744094 IN IP4 10.21.0.132
🌐 SDP-Conn	IN IP4 10.21.0.132
🕒 SDP-Time	0 0
🎵 Media	audio 6200 RTP/AVP 8 101
🌐 SDP-Conn	IN IP4 10.21.0.132
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	ptime:20...
	1 more

💡 [Frame 95] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

✅ SIP 200 OK

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	1 INVITE
📇 Contact	<sip:10.21.0.132:5060>
🖥️ Server	Audiocodes-Sip-Gateway-Mediant 1000/v.6.00A.030
👤 SDP-Owner	AudiocodesGW 705744461 705744094 IN IP4 10.21.0.132
🌐 SDP-Conn	IN IP4 10.21.0.132
🕒 SDP-Time	0 0
🎵 Media	audio 6200 RTP/AVP 8 101
🌐 SDP-Conn	IN IP4 10.21.0.132
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	ptime:20...
	1 more

💡 [Frame 96] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

✅ SIP 200 OK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000000@10.21.0.130:5063
🆔 Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
🔢 CSeq	102 INVITE

💡 [Frame 97] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

📇 Contact	<sip:5000000@10.21.0.130:5063>
👤 SDP-Owner	AudiocodesGW 705744461 705744094 IN IP4 10.21.0.132
🌐 SDP-Conn	IN IP4 10.21.0.132
🕒 SDP-Time	0 0
🎵 Media	audio 6200 RTP/AVP 8 101
🌐 SDP-Conn	IN IP4 10.21.0.132
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	ptime:20
🎼 Media-Attr	sendrecv

✅ SIP ACK

Frame 98 | 2010-10-10T09:26:25.784657Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000000@10.21.0.130:5063
🆔 Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
🔢 CSeq	102 ACK

✅ SIP 200 OK

💡 [Frame 99] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21787 INVITE
📇 Contact	<sip:5000@10.21.0.131>
👤 SDP-Owner	root 851456694 851456694 IN IP4 10.21.0.131
🌐 SDP-Conn	IN IP4 10.21.0.131
🕒 SDP-Time	0 0
🎵 Media	audio 13074 RTP/AVP 8 0 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16
🎼 Media-Attr	silenceSupp:off - - - -
🎼 Media-Attr	ptime:20...
	1 more

✅ SIP ACK

Frame 100 | 2010-10-10T09:26:25.838223Z

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	1 ACK

✅ SIP ACK

Frame 101 | 2010-10-10T09:26:25.879703Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21787 ACK

📞 SIP INVITE

💡 [Frame 102] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK561247f5
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5000@10.21.0.131
📇 Contact	<sip:5000@10.21.0.131>
🆔 Call-ID	a1235213a202d431
🔢 CSeq	102 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 851456694 851456695 IN IP4 10.21.0.132
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.132
🎵 Media	audio 6200 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16...
	3 more

📞 SIP INVITE

💡 [Frame 103] SIP INVITE carries an SDP offer describing media

Nortel D	Nortel A	Nortel B	Nortel C	Asterisk PBX

Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK28c2ba6d
Max-Forwards	70
From	sip:5000@10.21.0.131
To	sip:5000000@10.21.0.130:5063
Contact	<sip:5000@10.21.0.131>
Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
CSeq	103 INVITE
User-Agent	Asterisk PBX 1.6.0.3
SDP-Owner	root 2053892610 2053892611 IN IP4 10.21.2.4
SDP-Session	Asterisk PBX 1.6.0.3
SDP-Conn	IN IP4 10.21.2.4
Media	audio 50002 RTP/AVP 8 101
Media-Attr	rtpmap:8 PCMA/8000
Media-Attr	rtpmap:101 telephone-event/8000
Media-Attr	fmtp:101 0-16...
	3 more

capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

SIP INVITE

From	sip:ivrUsr_0@domain
To	sip:ivr@10.21.0.132:5060
Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
CSeq	2 INVITE
Via	SIP/2.0/UDP 10.21.0.130:5063;branch=z9hG4bK-25024b-9090f50a-2c4c6bb4
Max-Forwards	70
Contact	<sip:ivrUsr_0@10.21.0.130:5063>
SDP-Owner	root 2053892610 2053892611 IN IP4 10.21.2.4
SDP-Session	Asterisk PBX 1.6.0.3
SDP-Conn	IN IP4 10.21.2.4
Media	audio 50002 RTP/AVP 8 101
Media-Attr	rtpmap:8 PCMA/8000
Media-Attr	rtpmap:101 telephone-event/8000
Media-Attr	fmtp:101 0-16
Media-Attr	silenceSupp:off - - - -...
	2 more

💡 [Frame 104] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

✅ SIP 200 OK

From	sip:ivrUsr_0@domain
To	sip:ivr@10.21.0.132:5060
Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
CSeq	2 INVITE
Contact	<sip:10.21.0.132:5060>
Server	Audiocodes-Sip-Gateway-Mediant 1000/v.6.00A.030
SDP-Owner	AudiocodesGW 705744461 705744095 IN IP4 10.21.0.132
SDP-Conn	IN IP4 10.21.0.132
SDP-Time	0 0
Media	audio 6200 RTP/AVP 8 101
SDP-Conn	IN IP4 10.21.0.132
Media-Attr	rtpmap:8 PCMA/8000
Media-Attr	rtpmap:101 telephone-event/8000
Media-Attr	fmtp:101 0-15
Media-Attr	ptime:20...
	1 more

💡 [Frame 105] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

✅ SIP 200 OK

From	sip:5000@10.21.0.131
To	sip:5000000@10.21.0.130:5063
Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
CSeq	103 INVITE
Contact	<sip:5000000@10.21.0.130:5063>
SDP-Owner	AudiocodesGW 705744461 705744095 IN IP4 10.21.0.132
SDP-Conn	IN IP4 10.21.0.132
SDP-Time	0 0
Media	audio 6200 RTP/AVP 8 101
SDP-Conn	IN IP4 10.21.0.132

💡 [Frame 106] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	ptime:20
🎼 Media-Attr	sendrecv

✅ SIP ACK

Frame 107 | 2010-10-10T09:26:25.987827Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000000@10.21.0.130:5063
🆔 Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
🔢 CSeq	103 ACK

✅ SIP ACK

Frame 108 | 2010-10-10T09:26:25.996061Z

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	2 ACK

⏳ SIP 100 Trying

Frame 109 | 2010-10-10T09:26:26.195123Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	102 INVITE

✅ SIP 200 OK

💡 [Frame 110] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	102 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🖥️ Server	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455761 IN IP4 10.21.2.4
🌐 SDP-Conn	IN IP4 10.21.2.4
🕒 SDP-Time	0 0
🎵 Media	audio 50002 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	ptime:20
🎼 Media-Attr	sendrecv

✅ SIP ACK

Frame 111 | 2010-10-10T09:26:26.222042Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	102 ACK

📋 SIP INFO

Frame 112 | 2010-10-10T09:26:27.14969Z

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	3 INFO
📋 Content-Type	application/mediaservercontrol+xml

✅ SIP 200 OK

💡 [Frame 113] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	3 INFO
📇 Contact	<sip:10.21.0.132:5060>
🖥️ Server	Audiocodes-Sip-Gateway-Mediant 1000/v.6.00A.030

🔍 SIP OPTIONS

Frame 114 | 2010-10-10T09:26:29.066113Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	77367925584200022133@10.21.0.132
🔢 CSeq	1 OPTIONS

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

📜 Allow	RE-GIS-TER,OP-...
🎯 Accept	application/sdp, application/simple-message-summary, message/sipfrag

⚠️ SIP 404 Not Found

Frame 115 | 2010-10-10T09:26:29.081463Z

👤 From	sip:10.21.0.132:5060
👥 To	sip:10.21.0.132
🆔 Call-ID	77367925584200022133@10.21.0.132
🔢 CSeq	1 OPTIONS

🛑 SIP BYE

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21788 BYE

💡 [Frame 116] SIP BYE terminates an established dialog; either party can send it, and the receiving side responds with 200 OK to confirm teardown of the RTP media streams and release resources

✅ SIP 200 OK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	a1235213a202d431
🔢 CSeq	21788 BYE
📇 Contact	<sip:5000@10.21.0.131>

💡 [Frame 117] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

📞 SIP INVITE

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK6e0378b5
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5000000@10.21.0.130:5063
📇 Contact	<sip:5000@10.21.0.131>
🆔 Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
🔢 CSeq	104 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 2053892610 2053892612 IN IP4 10.21.0.131
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.131
🎵 Media	audio 17558 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16...
	3 more

💡 [Frame 118] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

📞 SIP INVITE

👤 From	sip:ivrUsr_0@domain
👤 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	4 INVITE
🛤️ Via	SIP/2.0/UDP 10.21.0.130:5063;branch=z9hG4bK-250250-90910a36-7c9e57ee
🚦 Max-Forwards	70
📇 Contact	<sip:ivrUsr_0@10.21.0.130:5063>
👤 SDP-Owner	root 2053892610 2053892612 IN IP4 10.21.0.131
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.131
🎵 Media	audio 17558 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16
🎼 Media-Attr	silenceSupp:off - - - -...
	2 more

💡 [Frame 119] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

✅ SIP 200 OK

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249

💡 [Frame 120] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows

Nortel D | Nortel A | Nortel B | Nortel C | Asterisk PBX

CSeq	4 INVITE
Contact	<sip:10.21.0.132:5060>
Server	Audiocodes-Sip-Gateway-Mediant 1000/v.6.00A.030
SDP-Owner	AudiocodesGW 705744461 705744096 IN IP4 10.21.0.132
SDP-Conn	IN IP4 10.21.0.132
SDP-Time	0 0
Media	audio 6200 RTP/AVP 8 101
SDP-Conn	IN IP4 10.21.0.132
Media-Attr	rtpmap:8 PCMA/8000
Media-Attr	rtpmap:101 telephone-event/8000
Media-Attr	fmtp:101 0-15
Media-Attr	ptime:20...
	1 more

begin

SIP 200 OK

From	sip:5000@10.21.0.131
To	sip:5000000@10.21.0.130:5063
Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
CSeq	104 INVITE
Contact	<sip:5000000@10.21.0.130:5063>
SDP-Owner	AudiocodesGW 705744461 705744096 IN IP4 10.21.0.132
SDP-Conn	IN IP4 10.21.0.132
SDP-Time	0 0
Media	audio 6200 RTP/AVP 8 101
SDP-Conn	IN IP4 10.21.0.132
Media-Attr	rtpmap:8 PCMA/8000
Media-Attr	rtpmap:101 telephone-event/8000
Media-Attr	fmtp:101 0-15
Media-Attr	ptime:20
Media-Attr	sendrecv

[Frame 121] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

SIP ACK

From	sip:5000@10.21.0.131
To	sip:5000000@10.21.0.130:5063
Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
CSeq	104 ACK

Frame 122 | 2010-10-10T09:26:31.45668Z

SIP BYE

From	sip:5000@10.21.0.131
To	sip:5000000@10.21.0.130:5063
Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
CSeq	105 BYE

[Frame 123] SIP BYE terminates an established dialog; either party can send it, and the receiving side responds with 200 OK to confirm teardown of the RTP media streams and release resources

SIP ACK

From	sip:ivrUsr_0@domain
To	sip:ivr@10.21.0.132:5060
Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
CSeq	4 ACK

Frame 124 | 2010-10-10T09:26:31.461888Z

SIP 200 OK

From	sip:5000@10.21.0.131
To	sip:5000000@10.21.0.130:5063
Call-ID	62ea4ea16a59fa5021a100b45caf2c40@10.21.0.131
CSeq	105 BYE

[Frame 125] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

SIP INFO

From	sip:ivrUsr_0@domain
To	sip:ivr@10.21.0.132:5060
Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
CSeq	5 INFO
Content-Type	application/mediaservercontrol+xml

Frame 126 | 2010-10-10T09:26:31.462792Z

SIP 200 OK

From	sip:ivrUsr_0@domain
To	sip:ivr@10.21.0.132:5060
Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
CSeq	5 INFO

[Frame 127] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

📇 Contact	<sip:10.21.0.132:5060>
🖥️ Server	Audiocodes-Sip-Gateway-Mediant 1000/v.6.00A.030

📋 SIP INFO

Frame 128 | 2010-10-10T09:26:31.476541Z

👤 From	sip:ivr@10.21.0.132:5060
👥 To	sip:ivrUsr_0@domain
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	1 INFO
📋 Content-Type	application/mediaservercontrol+xml

✅ SIP 200 OK

💡 [Frame 129] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:ivr@10.21.0.132:5060
👥 To	sip:ivrUsr_0@domain
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	1 INFO
📇 Contact	<sip:ivrUsr_0@10.21.0.130:5063>

🛑 SIP BYE

💡 [Frame 130] SIP BYE terminates an established dialog; either party can send it, and the receiving side responds with 200 OK to confirm teardown of the RTP media streams and release resources

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	6 BYE

✅ SIP 200 OK

💡 [Frame 131] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

👤 From	sip:ivrUsr_0@domain
👥 To	sip:ivr@10.21.0.132:5060
🆔 Call-ID	61142e8-8200150a-13c7-50022-250249-3f7545cf-250249
🔢 CSeq	6 BYE
📇 Contact	<sip:10.21.0.132:5060>
🖥️ Server	Audiocodes-Sip-Gateway-Mediant 1000/v.6.00A.030

📞 SIP INVITE

💡 [Frame 132] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.2.4:5060;branch=z9hG4bK9a9a12444d2d861f8
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12954 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🧑 User-Agent	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455775 IN IP4 10.21.2.4
🏷️ SDP-Session	-
🌐 SDP-Conn	IN IP4 10.21.2.4
🎵 Media	audio 50004 RTP/AVP 0 8 18 101 111
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:18 G729/8000...
	3 more

⚠️ SIP 401 Unauthorized

Frame 133 | 2010-10-10T09:26:40.065893Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12954 INVITE
🔐 Auth-Scheme	Digest
🧮 Algorithm	MD5
🏰 Realm	"asterisk"
🎲 Nonce	"7f90786a"

✅ SIP ACK

Frame 134 | 2010-10-10T09:26:40.119413Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12954 ACK

📞 SIP INVITE

💡 [Frame 135] SIP INVITE carries an SDP offer describing media

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

🛤️ Via	SIP/2.0/UDP 10.21.2.4:5060;branch=z9hG4bK92cd3c58534260ed2
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12955 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🧑 User-Agent	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455775 IN IP4 10.21.2.4
🏷️ SDP-Session	-
🌐 SDP-Conn	IN IP4 10.21.2.4
🎵 Media	audio 50004 RTP/AVP 0 8 18 101 111
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:18 G729/8000...
	3 more

capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

⏳ SIP 100 Trying

Frame 136 | 2010-10-10T09:26:40.128765Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12955 INVITE

📞 SIP INVITE

💡 [Frame 137] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK282f4fa6
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5001@10.21.2.12:5060;transport=udp
📇 Contact	<sip:5000@10.21.0.131>
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	102 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 853275738 853275738 IN IP4 10.21.0.131
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.0.131
🎵 Media	audio 17400 RTP/AVP 8 0 9 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:9 G722/8000...
	5 more

⏳ SIP 100 Trying

Frame 138 | 2010-10-10T09:26:40.275887Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.2.12:5060;transport=udp
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	102 INVITE

⏳ SIP 180 Ringing

Frame 139 | 2010-10-10T09:26:40.383306Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.2.12:5060;transport=udp
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	102 INVITE

⏳ SIP 180 Ringing

Frame 140 | 2010-10-10T09:26:40.393859Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12955 INVITE

Nortel D | Nortel A | Nortel B | Nortel C | Asterisk PBX

✅ SIP 200 OK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.2.12:5060;transport=udp
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	102 INVITE
🖥️ Server	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>
👤 SDP-Owner	Cisco-SIPUA 26441 0 IN IP4 10.21.2.12
🕒 SDP-Time	0 0
🎵 Media	audio 18502 RTP/AVP 8 101
🌐 SDP-Conn	IN IP4 10.21.2.12
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	sendrecv

💡 [Frame 141] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

✅ SIP ACK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.2.12:5060;transport=udp
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	102 ACK

Frame 142 | 2010-10-10T09:26:43.363006Z

✅ SIP 200 OK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12955 INVITE
📇 Contact	<sip:5001@10.21.0.131>
👤 SDP-Owner	root 288447963 288447963 IN IP4 10.21.0.131
🌐 SDP-Conn	IN IP4 10.21.0.131
🕒 SDP-Time	0 0
🎵 Media	audio 19492 RTP/AVP 8 0 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:0 PCMU/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16
🎼 Media-Attr	silenceSupp:off - - - -
🎼 Media-Attr	ptime:20...
	1 more

💡 [Frame 143] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

✅ SIP ACK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	12955 ACK

Frame 144 | 2010-10-10T09:26:43.459613Z

📞 SIP INVITE

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK454b0470
🚦 Max-Forwards	70
👤 From	sip:5001@10.21.0.131
👤 To	sip:5000@10.21.0.131
📇 Contact	<sip:5001@10.21.0.131>
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	102 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 288447963 288447964 IN IP4 10.21.2.12
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.2.12
🎵 Media	audio 18502 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000

💡 [Frame 145] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

🎼 Media-Attr	fmtp:101 0-16...
	3 more

📞 SIP INVITE

🛤️ Via	SIP/2.0/UDP 10.21.0.131:5060;branch=z9hG4bK0d632651
🚦 Max-Forwards	70
👤 From	sip:5000@10.21.0.131
👤 To	sip:5001@10.21.2.12:5060;transport=udp
📇 Contact	<sip:5000@10.21.0.131>
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	103 INVITE
🧑 User-Agent	Asterisk PBX 1.6.0.3
👤 SDP-Owner	root 853275738 853275739 IN IP4 10.21.2.4
🏷️ SDP-Session	Asterisk PBX 1.6.0.3
🌐 SDP-Conn	IN IP4 10.21.2.4
🎵 Media	audio 50004 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-16...
	3 more

💡 [Frame 146] SIP INVITE carries an SDP offer describing media capabilities; the callee's 200 OK contains the SDP answer, completing the offer/answer negotiation for RTP media streams

⏳ SIP 100 Trying

Frame 147 | 2010-10-10T09:26:43.6846Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	102 INVITE

✅ SIP 200 OK

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.2.12:5060;transport=udp
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	103 INVITE
🖥️ Server	Cisco-CP7960G/8.0
📇 Contact	<sip:5001@10.21.2.12:5060;transport=udp>
👤 SDP-Owner	Cisco-SIPUA 26441 1 IN IP4 10.21.2.12
🕒 SDP-Time	0 0
🎵 Media	audio 18502 RTP/AVP 8 101
🌐 SDP-Conn	IN IP4 10.21.2.12
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	sendrecv

💡 [Frame 148] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

✅ SIP ACK

Frame 149 | 2010-10-10T09:26:43.691095Z

👤 From	sip:5000@10.21.0.131
👥 To	sip:5001@10.21.2.12:5060;transport=udp
🆔 Call-ID	3cdbc73460a38c475e-ca7c1373591b91@10.21.0.131
🔢 CSeq	103 ACK

✅ SIP 200 OK

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	102 INVITE
📇 Contact	<sip:5000@10.21.2.4>
🖥️ Server	Nortel IP Phone 11xx (SIP1140e.02.01.06.00)
👤 SDP-Owner	5000 0 1145455779 IN IP4 10.21.2.4
🌐 SDP-Conn	IN IP4 10.21.2.4

💡 [Frame 150] SIP 200 OK in response to INVITE carries the SDP answer (codec, IP, port) and completes the offer/answer negotiation; caller then sends ACK to finalize the dialog and RTP flows begin

📞 Nortel D | 📞 Nortel A | 📞 Nortel B | 📞 Nortel C | 🖥️ Asterisk PBX

🕒 SDP-Time	0 0
🎵 Media	audio 50004 RTP/AVP 8 101
🎼 Media-Attr	rtpmap:8 PCMA/8000
🎼 Media-Attr	rtpmap:101 telephone-event/8000
🎼 Media-Attr	fmtp:101 0-15
🎼 Media-Attr	ptime:20
🎼 Media-Attr	sendrecv

✅ SIP ACK

Frame 151 |
2010-10-10T09:26:43.800612Z

👤 From	sip:5001@10.21.0.131
👥 To	sip:5000@10.21.0.131
🆔 Call-ID	2b3c3b4b8ccf6020
🔢 CSeq	102 ACK