

Prozess: Was passiert bei einem[..]

05/24/2024 08:13:32

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Category:	Troubleshooting Allgemein::SIP-Meldungen	Votes:	0
State:	public (all)	Result:	0.00 %
Language:	de	Last update:	06/07/2012 09:49:13

Keywords

SIP Anruf eingehend

Symptom (public)

!!Achtung!!
Dieser Beitrag ist rein Informativ. Folgend wird der Ablauf, der bei einem eingehenden Anruf stattfindet
Verwendet wurde dazu ein snom 360. Bei anderen Telefonen kann das Aussehen der Pakete variieren, der Ablauf bleibt aber immer der Gleiche.

Problem (public)

Solution (public)

Received from udp:212.55.198.132:5060 at 7/3/2012 17:09:21:364 (1159 bytes):

```
INVITE sip:UserID@192.168.x.y:2048;line=7oyu7q91 SIP/2.0
Record-Route: <sip:212.55.198.132;lr=on;ftag=as58cd0241>
Via: SIP/2.0/UDP
212.55.198.132;branch=z9hG4bKa8dc.4d1839146c9840e6304e9ba35f5b5a0b.0
Via: SIP/2.0/UDP 212.55.198.148:5061;branch=z9hG4bK22cac256;rport=5061
Max-Forwards: 69
From: "0900500678" <sip:0900500678@212.55.198.148:5061>;tag=as58cd0241
To: <sip:UserID@localproxy:5060>
Contact: <sip:0900500678@212.55.198.148:5061>
Call-ID: 54e42815277e3cdc60cf9dd3115c5259@212.55.198.148
CSeq: 102 INVITE
User-Agent: e-fon
Date: Wed, 07 Mar 2012 16:09:20 GMT
Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO
Supported: replaces, timer
Content-Type: application/sdp
Content-Length: 417
```

```
v=0
o=root 148424870 148424870 IN IP4 212.55.198.148
s=e-fon
c=IN IP4 212.55.198.148
t=0 0
m=audio 19762 RTP/AVP 8 9 111 3 97 18 0 101
a=rtpmap:8 PCMA/8000
a=rtpmap:9 G722/8000
a=rtpmap:111 G726-32/8000
a=rtpmap:3 GSM/8000
a=rtpmap:97 iLBC/8000
a=fmtp:97 mode=30
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=rtpmap:0 PCMU/8000
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-16
a=ptime:20
a=sendrecv
```

Sent to udp:212.55.198.132:5060 at 7/3/2012 17:09:21:422 (661 bytes):

```
SIP/2.0 180 Ringing
Via: SIP/2.0/UDP
212.55.198.132;branch=z9hG4bKa8dc.4d1839146c9840e6304e9ba35f5b5a0b.0
Via: SIP/2.0/UDP 212.55.198.148:5061;branch=z9hG4bK22cac256;rport=5061
Record-Route: <sip:212.55.198.132;lr=on;ftag=as58cd0241>
From: "0900500678" <sip:0900500678@212.55.198.148:5061>;tag=as58cd0241
To: <sip:UserID@localproxy:5060>;tag=q7zo977x72
Call-ID: 54e42815277e3cdc60cf9dd3115c5259@212.55.198.148
CSeq: 102 INVITE
Contact: <sip:UserID@192.168.x.y:2048;line=7oyu7q91>;reg-id=1
Allow: INVITE, ACK, CANCEL, BYE, REFER, OPTIONS, NOTIFY, SUBSCRIBE, PRACK,
MESSAGE, INFO
Allow-Events: talk, hold, refer, call-info
Content-Length: 0
```

Sent to udp:212.55.198.132:5060 at 7/3/2012 17:09:24:545 (1085 bytes):

```
SIP/2.0 200 Ok
Via: SIP/2.0/UDP
212.55.198.132;branch=z9hG4bKa8dc.4d1839146c9840e6304e9ba35f5b5a0b.0
Via: SIP/2.0/UDP 212.55.198.148:5061;branch=z9hG4bK22cac256;rport=5061
Record-Route: <sip:212.55.198.132;lr=on;ftag=as58cd0241>
From: "0900500678" <sip:0900500678@212.55.198.148:5061>;tag=as58cd0241
```

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```
To: <sip:UserID@localproxy:5060>;tag=q7zo977x72
Call-ID: 54e42815277e3cdc60cf9dd3115c5259@212.55.198.148
CSeq: 102 INVITE
Contact: <sip:UserID@192.168.x.y:2048;line=7oyu7q91>;reg-id=1
User-Agent: snom360/7.3.30
Allow: INVITE, ACK, CANCEL, BYE, REFER, OPTIONS, NOTIFY, SUBSCRIBE, PRACK,
MESSAGE, INFO
Allow-Events: talk, hold, refer, call-info
Supported: timer, 100rel, replaces, from-change
Content-Type: application/sdp
Content-Length: 319
```

```
v=0
o=root 1677891039 1677891040 IN IP4 192.168.x.y
s=call
c=IN IP4 192.168.x.y
t=0 0
m=audio 17512 RTP/AVP 8 9 3 18 0 101
a=rtpmap:8 pcma/8000
a=rtpmap:9 g722/8000
a=rtpmap:3 gsm/8000
a=rtpmap:18 g729/8000
a=rtpmap:0 pcmu/8000
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-16
a=ptime:20
a=sendrecv
```

Received from udp:212.55.198.132:5060 at 7/3/2012 17:09:24:810 (601 bytes):

```
ACK sip:UserID@77.59.247.242:55860;line=7oyu7q91 SIP/2.0
Record-Route: <sip:212.55.198.132;lr=on;ftag=as58cd0241>
Via: SIP/2.0/UDP
212.55.198.132;branch=z9hG4bKa8dc.8f58f8a8b03b834694a239b4b0e5cec7.0
Via: SIP/2.0/UDP 212.55.198.148:5061;branch=z9hG4bK1694f55a;rport=5061
Max-Forwards: 69
From: "0900500678" <sip:0900500678@212.55.198.148:5061>;tag=as58cd0241
To: <sip:UserID@localproxy:5060>;tag=q7zo977x72
Contact: <sip:0900500678@212.55.198.148:5061>
Call-ID: 54e42815277e3cdc60cf9dd3115c5259@212.55.198.148
CSeq: 102 ACK
User-Agent: e-fon
Content-Length: 0
P-hint: rr-enforced
```

Sent to udp:212.55.198.132:5060 at 7/3/2012 17:09:27:907 (640 bytes):

```
BYE sip:0900500678@212.55.198.148:5061 SIP/2.0
Via: SIP/2.0/UDP 192.168.x.y:2048;branch=z9hG4bK-2z9s08jwdc0k;rport
Route: <sip:212.55.198.132;lr=on;ftag=as58cd0241>
From: <sip:UserID@localproxy:5060>;tag=q7zo977x72
To: "0900500678" <sip:0900500678@212.55.198.148:5061>;tag=as58cd0241
Call-ID: 54e42815277e3cdc60cf9dd3115c5259@212.55.198.148
CSeq: 1 BYE
Max-Forwards: 70
Contact: <sip:UserID@192.168.x.y:2048;line=7oyu7q91>;reg-id=1
User-Agent: snom360/7.3.30
RTP-RxStat: Total_Rx_Pkts=140,Rx_Pkts=140,Rx_Pkts_Lost=1,Remote_Rx_Pkts_Lost=0
RTP-TxStat: Total_Tx_Pkts=150,Tx_Pkts=150,Remote_Tx_Pkts=0
Content-Length: 0
```

Received from udp:212.55.198.132:5060 at 7/3/2012 17:09:27:980 (507 bytes):

```
SIP/2.0 200 OK
Via: SIP/2.0/UDP
192.168.x.y:2048;received=77.59.247.242;branch=z9hG4bK-2z9s08jwdc0k;rport=55860
Record-Route: <sip:212.55.198.132;lr=on;ftag=q7zo977x72>
From: <sip:UserID@localproxy:5060>;tag=q7zo977x72
To: "0900500678" <sip:0900500678@212.55.198.148:5061>;tag=as58cd0241
Call-ID: 54e42815277e3cdc60cf9dd3115c5259@212.55.198.148
CSeq: 1 BYE
Server: e-fon
Allow: INVITE, ACK, CANCEL, OPTIONS, BYE, REFER, SUBSCRIBE, NOTIFY, INFO
Supported: replaces, timer
Content-Length: 0
```