

## Prozess: Was passiert bei der[.]

04/16/2021 22:57:04

FAQ Article Print

<b>Category:</b>	Troubleshooting Allgemein::SIP-Meldungen	<b>Votes:</b>	0
<b>State:</b>	public (all)	<b>Result:</b>	0.00 %
<b>Language:</b>	de	<b>Last update:</b>	06/07/2012 09:49:44

### Keywords

SIP Registrierung Registrar

### Symptom (public)

!!Achtung!!  
Dieser Beitrag ist rein Informativ. Folgend wird der Ablauf, mit dem sich ein Telefon an unseren Servern registriert, grob erläutert.  
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)

Sent to udp:212.55.198.132:5060 at 7/3/2012 15:58:39:896 (735 bytes):

```
REGISTER sip:sip12.e-fon.ch SIP/2.0
Via: SIP/2.0/UDP 192.168.x.y:2048;branch=z9hG4bK-vft3jveet5q6;rport
From: "0900500678" <sip:UserID@sip12.e-fon.ch>;tag=eermr4hvt
To: "0900500678" <sip:UserID@sip12.e-fon.ch>
Call-ID: 3c2802f6d439-nxec4twmg28j
CSeq: 1 REGISTER
Max-Forwards: 70
Contact:
<sip:UserID@192.168.x.y:2048;line=jrujtbqj>;q=1.0;reg-id=1;+sip.instance="<urn:uuid:2a0300d5-4b18-44a5-9df6-15e45cf34d2a>";audio;mobility="fixed";duplex="full";description="snom360";actor="principal";events="dialog";methods="INVITE,ACK,CANCEL,BYE,REFER,OPTIONS,NOTIFY,SUBSCRIBE,PRACK,MESSAGE,INFO"
User-Agent: snom360/7.3.30
Supported: gruu
Allow-Events: dialog
X-Real-IP: 192.168.x.y
Expires: 60
Content-Length: 0
```

Received from udp:212.55.198.132:5060 at 7/3/2012 15:58:40:098 (443 bytes):

```
SIP/2.0 401 Unauthorized
Via: SIP/2.0/UDP
192.168.x.y:2048;branch=z9hG4bK-vft3jveet5q6;rport=55860;received=77.59.247.242
From: "0900500678" <sip:UserID@sip12.e-fon.ch>;tag=eermr4hvt
To: "0900500678"
<sip:UserID@sip12.e-fon.ch>;tag=e168701326369cd7a2f822a094736966.0edf
Call-ID: 3c2802f6d439-nxec4twmg28j
CSeq: 1 REGISTER
WWW-Authenticate: Digest realm="asterisk",
nonce="T1d4709Xd8NneT9MMPIUoKfRPZSIXpY"
Content-Length: 0
```

Sent to udp:212.55.198.132:5060 at 7/3/2012 15:58:40:113 (920 bytes):

```
REGISTER sip:sip12.e-fon.ch SIP/2.0
Via: SIP/2.0/UDP 192.168.x.y:2048;branch=z9hG4bK-jqei3h1yvfkb;rport
From: "0900500678" <sip:UserID@sip12.e-fon.ch>;tag=eermr4hvt
To: "0900500678" <sip:UserID@sip12.e-fon.ch>
Call-ID: 3c2802f6d439-nxec4twmg28j
CSeq: 2 REGISTER
Max-Forwards: 70
Contact:
<sip:UserID@192.168.x.y:2048;line=jrujtbqj>;q=1.0;reg-id=1;+sip.instance="<urn:uuid:2a0300d5-4b18-44a5-9df6-15e45cf34d2a>";audio;mobility="fixed";duplex="full";description="snom360";actor="principal";events="dialog";methods="INVITE,ACK,CANCEL,BYE,REFER,OPTIONS,NOTIFY,SUBSCRIBE,PRACK,MESSAGE,INFO"
User-Agent: snom360/7.3.30
Supported: gruu
Allow-Events: dialog
X-Real-IP: 192.168.x.y
Authorization: Digest
username="UserID",realm="asterisk",nonce="T1d4709Xd8NneT9MMPIUoKfRPZSIXpY",uri="sip:sip12.e-fon.ch",response="afbc4d6c4e96e2a4f9dd7a00d3060fd",algorithm=MD5
Expires: 60
Content-Length: 0
```

Received from udp:212.55.198.132:5060 at 7/3/2012 15:58:40:144 (457 bytes):

```
SIP/2.0 200 OK
Via: SIP/2.0/UDP
192.168.x.y:2048;branch=z9hG4bK-jqei3h1yvfkb;rport=55860;received=77.59.247.242
From: "0900500678" <sip:UserID@sip12.e-fon.ch>;tag=eermr4hvt
To: "0900500678"
<sip:UserID@sip12.e-fon.ch>;tag=e168701326369cd7a2f822a094736966.4046
Call-ID: 3c2802f6d439-nxec4twmg28j
CSeq: 2 REGISTER
```

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Contact:  
<sip:UserID@192.168.x.y:2048;line=jrujtbcj>;q=1;expires=60;received="sip:77.59.247.242:55860"  
Content-Length: 0