

Konftel 300IP test protocol

Server information

Brand: CommuniGate
 Model: CommuniGate Pro
 SW Version: 5.3
 SIP registrar IP address: 10.10.1.86

OK = Test successful
 NOK = Test failed
 Leave field blank if test was not performed

Protocol

Area	Specific	OK/NOK	Comments
Registration	<i>Transport: UDP</i>	OK	
	<i>Transport: TCP</i>		
	<i>Transport: TLS</i>		
	<i>Transport: SIPS</i>		
Network	<i>DHCP</i>	OK	
	<i>NTP</i>	OK	
Standard call	<i>Out</i>	OK	
	<i>In</i>	OK	
SRTP	<i>TLS</i>		
	<i>SIPS</i>		
NAT traversal	<i>STUN</i>		
	<i>TURN</i>		
	<i>ICE</i>		
Codec	<i>G711 A-law</i>	OK	
	<i>G711 μ-law</i>	OK	
	<i>G729</i>	OK	
	<i>G722</i>	OK	
DTMF generation	<i>Inband</i>	OK	
	<i>RFC2833</i>	OK	
	<i>SIP Info</i>	OK	
Call features	<i>E.164 support</i>		
	<i>Call SIP URI</i>	OK	
	<i>Call Hold</i>	OK	
	<i>Call transfer</i>	OK*	Works when Konftel 300IP initiates the call
	<i>N-line conferencing</i>		
	<i>Local 5 party conference</i>		

Details

Konftel 300IP version: 2.0.1

Konftel 300IP address and user: 4000

Other SIP phone address and user: 3000

Comments

SIP trace from Konftel 300IP

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Nov 29 13:44:47: TX 417 bytes Request msg REGISTER/cseq=40745 (tdta0x1f0458) to UDP 10.10.1.86:5060:
REGISTER sip:10.10.1.86;transport=udp SIP/2.0
Via: SIP/2.0/UDP 10.10.1.150:5060;rport;branch=z9hG4bKPj1H69qyu6a1Uusicssitv9i6qCI8NAjyR
Max-Forwards: 70
From: <sip:4000@10.10.1.86>;tag=qecySVkUTstdwdk43bIdZPLZWkgxouib
To: <sip:4000@10.10.1.86>
Call-ID: qPaIiCdeFOvJNLVya0b83IiExpYKwaQw
CSeq: 40745 REGISTER
User-Agent: Konftel300IP 2.0.1
Contact: <sip:4000@10.10.1.150:5060>
Expires: 0
Content-Length: 0
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Nov 29 13:44:47: RX 502 bytes Response msg 401/REGISTER/cseq=40745 (rdata0x1dfa9c) from UDP
10.10.1.51:5060:
SIP/2.0 401 Authentication required
Via: SIP/2.0/UDP 10.10.1.150:5060;rport=5060;branch=z9hG4bKPj1H69qyu6a1Uusicssitv9i6qCI8NAjyR
From: <sip:4000@10.10.1.86>;tag=qecySVkUTstdwdk43bIdZPLZWkgxouib
To: <sip:4000@10.10.1.86>;tag=0E59EC87
Call-ID: qPaIiCdeFOvJNLVya0b83IiExpYKwaQw
CSeq: 40745 REGISTER
WWW-Authenticate: Digest realm="konftel-
pcl2.konftel.local",nonce="2B636BFDD9A4EBA2E1BE",opaque="opaqueData",qop="auth",algorithm=MD5
Server: CommuniGatePro/5.3.10 _community_
Content-Length: 0
```

```
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Nov 29 13:44:47: TX 705 bytes Request msg REGISTER/cseq=40746 (tdta0x1f0458) to UDP 10.10.1.86:5060:
REGISTER sip:10.10.1.86;transport=udp SIP/2.0
Via: SIP/2.0/UDP 10.10.1.150:5060;rport;branch=z9hG4bKPjgKyDhL7BQLCToDssQ1MydQmlyUWkzrYb
Max-Forwards: 70
From: <sip:4000@10.10.1.86>;tag=qecySVkUTstdwdk43bIdZPLZWkgxouib
To: <sip:4000@10.10.1.86>
Call-ID: qPaIiCdeFOvJNLVya0b83IiExpYKwaQw
CSeq: 40746 REGISTER
User-Agent: Konftel300IP 2.0.1
Contact: <sip:4000@10.10.1.150:5060>
Expires: 0
Authorization: Digest username="4000", realm="konftel-pcl2.konftel.local",
nonce="2B636BFDD9A4EBA2E1BE", uri="sip:10.10.1.86;transport=udp",
response="951a11c7e5679f023c24781c0ce0a046", algorithm=MD5,
cnonce="rmArCSQ3ULMv1IhjRgeznoKkNtIHC4V", opaque="opaqueData", qop=auth, nc=00000001
Content-Length: 0
```

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Nov 29 13:44:47: RX 543 bytes Response msg 200/REGISTER/cseq=40746 (rdata0x1dfa9c) from UDP
10.10.1.51:5060:
SIP/2.0 200 OK
Via: SIP/2.0/UDP 10.10.1.150:5060;rport=5060;branch=z9hG4bKPjgKyDhL7BQLCToDssQ1MydQmlyUWkzrYb
```

From: <sip:4000@10.10.1.86>;tag=qecySVkUTstdwdk43bIdZPLZWkgxouib
To: <sip:4000@10.10.1.86>;tag=5DE672EB
Call-ID: qPaIiCdeFOvJNLVya0b83IiExpYKwaQw
CSeq: 40746 REGISTER
Expires: 0
Event: registration
Date: Mon, 29 Nov 2010 12:44:47 GMT
Allow: PUBLISH,SUBSCRIBE
Supported: path,gruu
Allow-Events: presence,message-summary,reg,dialog,line-seize,keep-alive,refer
Server: CommuniGatePro/5.3.10 _community_
Content-Length: 0

Nov 29 13:44:54: TX 511 bytes Request msg REGISTER/cseq=7265 (tdta0x1ef4a8) to UDP 10.10.1.86:5060:
REGISTER sip:10.10.1.86;transport=udp SIP/2.0
Via: SIP/2.0/UDP 10.10.1.150:5060;rport;branch=z9hG4bKPjhSvZL0dlXm0x9NMGD2rAMYZPNk9AMqGM
Max-Forwards: 70
From: <sip:4000@10.10.1.86>;tag=u5m2U69sWA6Q-lCoIeW34uePAbZpzB8X
To: <sip:4000@10.10.1.86>
Call-ID: qnzRI6WtH7xT5nKWx5PVdaMo0nrOxENC
CSeq: 7265 REGISTER
User-Agent: Konftel300IP 2.0.1
Contact: <sip:4000@10.10.1.150:5060>
Expires: 1800
Allow: PRACK, INVITE, ACK, BYE, CANCEL, UPDATE, SUBSCRIBE, NOTIFY, REFER, MESSAGE, OPTIONS
Content-Length: 0

Nov 29 13:44:54: RX 501 bytes Response msg 401/REGISTER/cseq=7265 (rdata0x1dfa9c) from UDP
10.10.1.51:5060:
SIP/2.0 401 Authentication required
Via: SIP/2.0/UDP 10.10.1.150:5060;rport=5060;branch=z9hG4bKPjhSvZL0dlXm0x9NMGD2rAMYZPNk9AMqGM
From: <sip:4000@10.10.1.86>;tag=u5m2U69sWA6Q-lCoIeW34uePAbZpzB8X
To: <sip:4000@10.10.1.86>;tag=369823C2
Call-ID: qnzRI6WtH7xT5nKWx5PVdaMo0nrOxENC
CSeq: 7265 REGISTER
WWW-Authenticate: Digest realm="konftel-
pcl2.konftel.local", nonce="2B636BFDD9A4EBA2E1BE", opaque="opaqueData", qop="auth", algorithm=MD5
Server: CommuniGatePro/5.3.10 _community_
Content-Length: 0

Nov 29 13:44:54: TX 799 bytes Request msg REGISTER/cseq=7266 (tdta0x1ef4a8) to UDP 10.10.1.86:5060:
REGISTER sip:10.10.1.86;transport=udp SIP/2.0
Via: SIP/2.0/UDP 10.10.1.150:5060;rport;branch=z9hG4bKPjzLbykpw3BuOcHiKvfHZgjkXx6L08dITs
Max-Forwards: 70
From: <sip:4000@10.10.1.86>;tag=u5m2U69sWA6Q-lCoIeW34uePAbZpzB8X
To: <sip:4000@10.10.1.86>
Call-ID: qnzRI6WtH7xT5nKWx5PVdaMo0nrOxENC
CSeq: 7266 REGISTER
User-Agent: Konftel300IP 2.0.1
Contact: <sip:4000@10.10.1.150:5060>
Expires: 1800
Allow: PRACK, INVITE, ACK, BYE, CANCEL, UPDATE, SUBSCRIBE, NOTIFY, REFER, MESSAGE, OPTIONS
Authorization: Digest username="4000", realm="konftel-pcl2.konftel.local",
nonce="2B636BFDD9A4EBA2E1BE", uri="sip:10.10.1.86;transport=udp",
response="32c72786453c36d77cac6132c93793f0", algorithm=MD5, cnonce="QBgtLDmhJIKuu-
xsgVWtAGmlvH8nqyB8", opaque="opaqueData", qop=auth, nc=00000001
Content-Length: 0

Nov 29 13:44:54: RX 596 bytes Response msg 200/REGISTER/cseq=7266 (rdata0x1dfa9c) from UDP
10.10.1.51:5060:
SIP/2.0 200 OK
Via: SIP/2.0/UDP 10.10.1.150:5060;rport=5060;branch=z9hG4bKPjzLbykpw3BuOcHiKvfHZgjkXx6L08dITs
From: <sip:4000@10.10.1.86>;tag=u5m2U69sWA6Q-lCoIeW34uePAbZpzB8X
To: <sip:4000@10.10.1.86>;tag=6A49EE3E
Call-ID: qnzRI6WtH7xT5nKWx5PVdaMo0nrOxENC
CSeq: 7266 REGISTER
Expires: 1800
Contact: <sip:4000@10.10.1.150:5060>;expires=1800
Event: registration

Date: Mon, 29 Nov 2010 12:44:54 GMT
Allow: PUBLISH, SUBSCRIBE
Supported: path, gruu
Allow-Events: presence, message-summary, reg, dialog, line-seize, keep-alive, refer
Server: CommuniGatePro/5.3.10 _community_
Content-Length: 0
