

Konftel 300IP test protocol

Server information

Brand: 3CX
 Model: IP Phone System
 SW Version: 9.0.13545.594
 SIP registrar IP address: 192.168.0.1

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>	OK	
	<i>Local 5 party conference</i>	OK	

Details

Konftel 300IP address and user: 200

Other SIP phone address and user: 300

Comments

Enter other observations during the tests.

SIP trace from Konftel 300IP

Oct 4 10:34:52: TX 418 bytes Request msg REGISTER/cseq=58915 (tdta0x1a21c8) to UDP 192.168.0.1:5060:

REGISTER sip:192.168.0.1;transport=udp SIP/2.0

Via: SIP/2.0/UDP 192.168.0.108:5060;rport;branch=z9hG4bKPjx4Ths5sH-tGOAaapQIcNW28ijvHmSIhx

Max-Forwards: 70

From: <sip:200@192.168.0.1>;tag=Y3lh9TwuD.JUzyff8ZRGdpx4Rf4Ml7lk

To: <sip:200@192.168.0.1>

Call-ID: 4dyQ94W7odLmmJeU3XN-irtFGFbUdvKe

CSeq: 58915 REGISTER

User-Agent: Konftel300IP

Contact: <sip:200@192.168.0.108:5060>

Expires: 1800

Content-Length: 0

Oct 4 10:34:52: RX 497 bytes Response msg 407/REGISTER/cseq=58915 (rdata0x1dd3fc) from UDP 192.168.0.1:5060:

SIP/2.0 407 Proxy Authentication Required

Via: SIP/2.0/UDP 192.168.0.108:5060;rport=5060;branch=z9hG4bKPjx4Ths5sH-tGOAaapQIcNW28ijvHmSIhx

Proxy-Authenticate: Digest
nonce="414d535c02ba21fd95:09bda6a5aa9c839530ab723bed7c054a",algorithm=MD5,realm="3CXPhoneSystem"

To: <sip:200@192.168.0.1>;tag=a2734b46

From: <sip:200@192.168.0.1>;tag=Y3lh9TwuD.JUzyff8ZRGdpx4Rf4Ml7lk

Call-ID: 4dyQ94W7odLmmJeU3XN-irtFGFbUdvKe

CSeq: 58915 REGISTER

User-Agent: 3CXPhoneSystem 9.0.13530.0

Content-Length: 0

Oct 4 10:34:52: TX 644 bytes Request msg REGISTER/cseq=58916 (tdta0x1a21c8) to UDP 192.168.0.1:5060:
REGISTER sip:192.168.0.1;transport=udp SIP/2.0
Via: SIP/2.0/UDP 192.168.0.108:5060;rport;branch=z9hG4bKPjXyxbcqAXg0An1BkZxYtwG2oCVHW96sRJ
Max-Forwards: 70
From: <sip:200@192.168.0.1>;tag=Y31h9TwuD.JUzyff8ZRGdpx4Rf4M171k
To: <sip:200@192.168.0.1>
Call-ID: 4dyQ94W7odLmmJeU3XN-irtFGFbUdvKe
CSeq: 58916 REGISTER
User-Agent: Konftel300IP
Contact: <sip:200@192.168.0.108:5060>
Expires: 1800
Proxy-Authorization: Digest username="200", realm="3CXPhoneSystem",
nonce="414d535c02ba21fd95:09bda6a5aa9c839530ab723bed7c054a", uri="sip:192.168.0.1;transport=udp",
response="410fede70340bd7623b94d9dad31fd91", algorithm=MD5
Content-Length: 0

Oct 4 10:34:52: RX 397 bytes Response msg 200/REGISTER/cseq=58916 (rdata0x1db5dc) from UDP 192.168.0.1:5060:
SIP/2.0 200 OK
Via: SIP/2.0/UDP 192.168.0.108:5060;rport=5060;branch=z9hG4bKPjXyxbcqAXg0An1BkZxYtwG2oCVHW96sRJ
Contact: <sip:200@192.168.0.108:5060>;expires=1800
To: <sip:200@192.168.0.1>;tag=c73aaa51
From: <sip:200@192.168.0.1>;tag=Y31h9TwuD.JUzyff8ZRGdpx4Rf4M171k
Call-ID: 4dyQ94W7odLmmJeU3XN-irtFGFbUdvKe
CSeq: 58916 REGISTER
User-Agent: 3CXPhoneSystem 9.0.13530.0
Content-Length: 0

Log file from Konftel 300IP

Paste the text from Web-interface > Status > Log here...