SNOM 300/320 Configuration Manual

ⓘ
Latest update   📃 Unknown macro: 'page-info'

Procedure for upgrade firmware

⊙ The official firmware supported by PrivateWave is 8.4.35 .

a. Open the Web User Interface of the snom and navigate to the Software Update page.

b. Copy and paste this URL:

http://provisioning.snom.com/download/fw/snom300-8.4.35-SIP-f.bin

into the Firmware field and press load

c. The phone reboots and may ask you to perform the update, click 'Yes'.

⊙ Do not disconnect the power at anytime!

After that, the phone is upgraded to version 8.4.35.

Basic Configuration of the SNOM 300/320:

Open the Web User Interface of the SNOM

Step 1	Step 2
Navigate to the Setup/Identity1 page, login tab: • Set Account, Authentication Username and password with the correct data that you have. • Set Registrar with the IP Address (or DNS) of Server Sip. • Set Outbound Proxy in this form : 'sips:ip_of_the_srv(or dns):5061'	Goto in the Setup/Identity1 page, SIP tab: • Set Support Broken registrar to ON. • DTMF via SIP Info set to ON.

Login Information:

Identity active:	● on ○ off ?
Displayname:	XXXXXX ?
Account:	### ?
Password:	•••••••• ?
Registrar:	pbx.example.it ?
Outbound Proxy:	sips:pbx.example.it:5061 ?
Failover Identity:	None ⇕ ?
Authentication Username:	### ?
Mailbox:	?
Ringtone:	Custom Melody ⇕ ?
Custom Melody URL:	?
Display text for idle screen:	XXX (###) ?
Ring After Delay (sec):	?
Record Missed Calls:	● on ○ off ?
Record Dialed Calls:	● on ○ off ?
Record Received Calls:	● on ○ off ?

Save   Re-Register   Play Ringer

Remove Identity   Remove All Identities

SIP Identity Settings:

Music on hold server:
Send hold as inactive:
Alert Info URL:
User picture URL:
Dial-Plan String:
ENUM Support:
Countrycode:
Areacode:
Proxy Require:
Additional supported headers:
Q-Value:
Proposed Expiry:
Auto Answer:
Long SIP-Contact (RFC3840):
Support broken Registrar:
Shared Line:
Publish Presence on bootup:
DTMF via SIP INFO:
Send display name on INVITE:
Extension Monitoring Call Pickup List:
Extension Monitoring Call Pickup List
Contact List:
Contact List URI:
Server Type Support:
Remove all bindings on unregister:
Subscription Expiry (s):
Failed Subscription Retry Time (s):
Enable hook flash:

Save

Step 3	**Step 4**
Goto in the Setup/Identity1 page, RTP tab: • Set RTP Encryption to ON. • Set SRTP Auth-tag to AES-32. • Set RTP/SAVP to Mandatory. • Set Packet Size to 20ms. • Set Media Transport Offer to UDP.	Goto in the Certificates: • Enable the server identity check in TLS connection by pushing the "TLS" button in "Unknown Certificates".

Login   SIP   NAT   **RTP**

RTP Identity Settings:

Codec 1:	G.711u
Codec 2:	G.711a
Codec 3:	G.722
Codec 4:	G.726-32
Codec 5:	GSM FR
Codec 6:	G.729AB
Codec 7:	G.723.1
Packet Size:	20 ms
Full SDP Answer:	◉ on ○ off
Symmetrical RTP:	○ on ◉ off
RTP Encryption:	◉ on ○ off
Dynamic G.726 payload:	◉ on ○ off
G.726 Byte Order:	◉ RFC3551 ○ AAL2
SRTP Auth-tag:	◉ AES-32 ○ AES-80
RTP/SAVP:	mandatory
Media Transport Offer:	UDP
Media Transport Offer Setup:	active

Save

Advanced Configuration of the SNOM 300/320:

With the Advanced configuration we enable on the SNOM phone the "3-way call" and the "call transfer" functions.

Step 1	Step 2
Navigate to the Setup/Function Keys page: • Choose a dial pad button to edit (in the example it's P5) • Click on the drop-down menu of the "Action" (i.e. the second column)	• Choose "DTMF" • Save by pushing the "Save" button at t

P1	Active	Line		
P2	Active	Line		
P3	Active	Line		
P4	Active	Key Event	Directory	
P5	Active	DTMF	**	
P6	Active	Key Event	Mute	

Save

P1	Active
P2	Active
P3	Active
P4	Active
P5	Active
P6	Active

Step 3

Insert the "*1*" string in the third column: These DTMF activate the transfer mode.

P5	Active	DTMF	*1*

Step 4

Act the same way for another dial button (i.e. the "3-way call"

P4	Active	
P5	Active	
P6	Active	

Save