

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	SIP	NAT	RTP
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 bootstrap: 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

