

Realm Networks

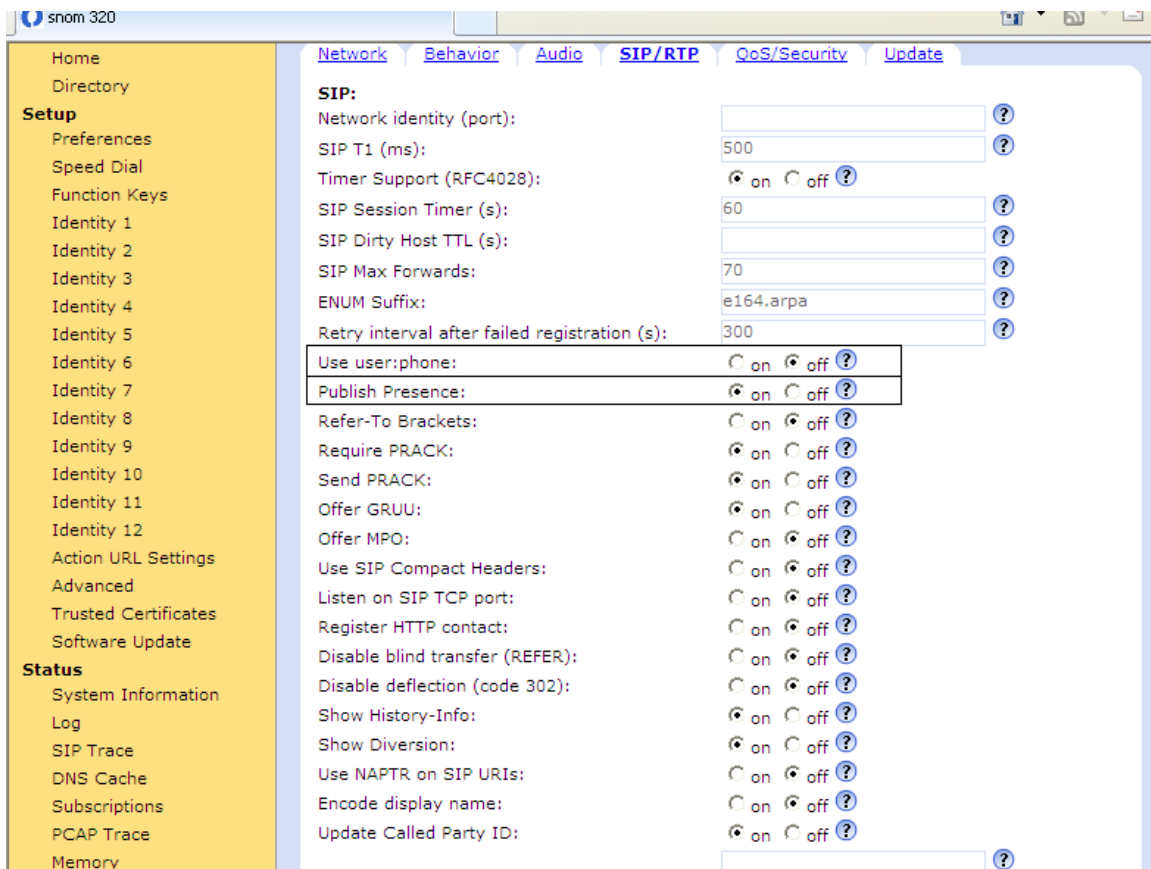
This document will explain how to setup Call Parking on the SNOM 320 as well as the SNOM 300 phones.

SNOM 320

The following settings are required to make call parking functional on the SNOM 320 and 300 Phone.

When Logged into the phone, go under Advanced, and under the **SIP/RTP Tab**.

1. Make sure **Use User:phone:** is **off**
2. Make sure **Publish Presence** is **On**



The screenshot shows the web interface of a SNOM 320 phone. The left sidebar contains navigation options: Home, Directory, Setup (Preferences, Speed Dial, Function Keys, Identity 1-12, Action URL Settings, Advanced, Trusted Certificates, Software Update), and Status (System Information, Log, SIP Trace, DNS Cache, Subscriptions, PCAP Trace, Memory). The main content area is titled 'SIP/RTP' and contains the following settings:

Setting	Value	Help
Network identity (port):		?
SIP T1 (ms):	500	?
Timer Support (RFC4028):	<input checked="" type="radio"/> on <input type="radio"/> off	?
SIP Session Timer (s):	60	?
SIP Dirty Host TTL (s):		?
SIP Max Forwards:	70	?
ENUM Suffix:	e164.arpa	?
Retry interval after failed registration (s):	300	?
Use user:phone:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Publish Presence:	<input checked="" type="radio"/> on <input type="radio"/> off	?
Refer-To Brackets:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Require PRACK:	<input checked="" type="radio"/> on <input type="radio"/> off	?
Send PRACK:	<input checked="" type="radio"/> on <input type="radio"/> off	?
Offer GRUU:	<input checked="" type="radio"/> on <input type="radio"/> off	?
Offer MPO:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Use SIP Compact Headers:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Listen on SIP TCP port:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Register HTTP contact:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Disable blind transfer (REFER):	<input type="radio"/> on <input checked="" type="radio"/> off	?
Disable deflection (code 302):	<input type="radio"/> on <input checked="" type="radio"/> off	?
Show History-Info:	<input checked="" type="radio"/> on <input type="radio"/> off	?
Show Diversion:	<input checked="" type="radio"/> on <input type="radio"/> off	?
Use NAPTR on SIP URIs:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Encode display name:	<input type="radio"/> on <input checked="" type="radio"/> off	?
Update Called Party ID:	<input checked="" type="radio"/> on <input type="radio"/> off	?



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When Logged into the phone, go under Advanced, and under the **Behavior Tab**.

1. Make sure that **Challenge Response** on Phone is turned **off**
2. Make sure **Enable Intercom** is **On**
3. The **Type of Intercom Answering** should be set to **Handsfree**.
4. The **Answer After Policy** should be set to **always**.
5. The **Auto Dial** Feature should be turned **off**.

The screenshot displays the 'Behavior' configuration page of a phone's web interface. The left sidebar contains navigation options: Home, Directory, Setup (with sub-items: Preferences, Speed Dial, Function Keys, Identity 1-12, Action URL Settings, Advanced, Trusted Certificates, Software Update), and Status (with sub-items: System Information, Log, SIP Trace, DNS Cache, Subscriptions, PCAP Trace, Memory). The main content area is titled 'Phone Behavior:' and lists various settings with radio buttons or dropdown menus. The following settings are highlighted with boxes:

Setting	Value
Auto Dial:	off
Challenge Response on Phone:	off
Enable Intercom:	on
Type of Intercom Answering:	Handsfree
Answer After Policy:	always

Other visible settings include: Call Completion (off), Peer to Peer Call Completion (on), IDNA (RFC 3490) Support (off), Overlap Dialing (off), Number Guessing (off), Number Guessing Minimum Length (4), Block URL Dialing (off), Deny All Feature (off), CMC Feature (off), Dialog-Info Call Pickup (off), Show display name in Dialog-Info (off), Disconnect on Hook (on), Call join on Xfer (2 calls) (off), AOC Amount Display (off), AOC Pulse Currency (\$), AOC Cost/Pulse (1), Partial Number Lookup (off), Allow incoming calls redirection through programmable keys (on), Automatic Redial on Busy (off), and Redial after (sec) (10).



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When Logged into the phone, go under Advanced, and under the **Identity (x)** Tab

1. Set up your **login information** for that phone.
2. Under the **SIP tab**, make sure the **Server Type Support** is set to **Asterisk**.
3. Under the **SIP tab**, make sure the **Subscription Expiry** is set to **60**.

The screenshot displays the 'SIP Identity Settings' configuration page. The left sidebar contains navigation options: Home, Directory, Setup (Preferences, Speed Dial, Function Keys, Identity 1-12, Action URL Settings, Advanced, Trusted Certificates, Software Update), Status (System Information, Log, SIP Trace, DNS Cache, Subscriptions, PCAP Trace, Memory). The main content area is titled 'SIP Identity Settings:' and includes the following fields and controls:

- Music on hold server: [text input] ?
- Alert Info URL: [text input] ?
- User picture URL: [text input] ?
- Dial-Plan String: [text input] ?
- ENUM Support: on off ?
- Countrycode: [text input] ?
- Areacode: [text input] ?
- Proxy Require: [text input] ?
- Additional supported headers: [text input] ?
- Q-Value: 1.0 ?
- Proposed Expiry: 60 ?
- Auto Answer: on off ?
- Long SIP-Contact (RFC3840): on off ?
- Support broken Registrar: on off ?
- Shared Line: on off ?
- Publish Presence on bootup: on off ?
- DTMF via SIP INFO: off ?
- Send display name on INVITE: on off ?
- Extension Monitoring Call Pickup List: on off ?
- Extension Monitoring Call Pickup List URI: [text input] ?
- Contact List: on off ?
- Contact List URI: [text input] ?
- Server Type Support: Asterisk ?
- Remove all bindings on unregister: on off ?
- Subscription Expiry (s): 60 ?



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When Logged into the phone, go under Advanced, and under the **Function Keys** Tab

1. The “Context” Section, is the identity you are going to use to connect back.
2. Set the **Type** to **BLF**.
3. The “Number” will be the that the phone is going to be at, the number should be set as < sip:station(x)_line(x)@192.168.0.1 > ex. < sip:station1_line1@192.168.0.1 >

SNOM 320

Function Key	Type	Value
HELP	Key Event	F_HELP
SNOM	Key Event	F_SNOM
CONFERENCE	Key Event	F_CONFERENCE
TRANSFER	Key Event	F_TRANSFER
HOLD	Key Event	F_R
DND	Key Event	F_DND
DIRECTORY	Key Event	F_ADR_BOOK
MENU	Key Event	F_MENU

Line	Context	Type	Number
P1	coreydesk@192.168.0.1	BLF	< sip:station3_line1@192.168.0.1 >
P2	coreydesk@192.168.0.1	BLF	< sip:station3_line2@192.168.0.1 >
P3	Active	Line	
P4	Active	Line	
P5	Active	Line	
P6	Active	Line	
P7	Active	Line	
P8	Active	Line	
P9	Active	Line	
P10	Active	Line	
P11	Active	Line	
P12	Active	Line	

Save

SNOM 300

Line	Context	Type	Number
P1	johngdesk@192.168.0.1	BLF	< sip:station1_line1@192.168.0.1 >
P2	johngdesk@192.168.0.1	BLF	< sip:station1_line2@192.168.0.1 >
P3	Active	Extension	
P4	Active	Intercom	< sip:9000@192.168.0.1;intercc >
P5	Active	Key Event	F_TRANSFER
P6	Active	Key Event	F_MUTE

Save



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