

SIP Proxy and Registration Basic Settings on SPA8000

Objective

The Session Initiation Protocol (SIP) is a protocol used to control the communications that the device establishes through the phones and the network that it creates. Proxies are used to direct the user to a location to access information and also gives authentication in order to access the services The SIP proxy in this case works as a control for the calls in the device and gives the network a better performance for the voice packets in the network. This article explains how to configure the SIP, proxy, and registration basic features on a SPA8000.

Applicable Device

- SPA8000

Software Version

- 6.1.12

Proxy and Registration Settings

Step 1. Log in to the web configuration utility and choose **Admin Login > Basic > Voice > L1-L8**. The *Line* page opens:

Network		Voice	
Info	System	SIP	Regional
L1	L2	L3	L4
L5	L6	L7	L8
T1	T2	T3	T4

Trunk Status
User Login basic | advanced

Line Enable: yes ▾

SIP Settings
SIP Port:

Proxy and Registration
Proxy:
Register: yes ▾ Make Call Without Reg: no ▾
Register Expires: Ans Call Without Reg: no ▾

Network		Voice	
Info	System	SIP	Regional
L1	L2	L3	L4
L5	L6	L7	L8
T1	T2	T3	T4

Trunk Status
User Login basic | advanced

Line Enable: yes ▾

SIP Settings
SIP Port: 5060

Proxy and Registration
Proxy: 10.1.1.1
Register: yes ▾ Make Call Without Reg: no ▾
Register Expires: 3600 Ans Call Without Reg: no ▾

Step 2. Choose **yes** from the Line Enable drop-down list to enable the line for service.

Step 3. Enter the SIP port number from which the device listens and transmits SIP messages in the SIP Port field. The default SIP port number is 5060.

Step 4. Enter the SIP proxy server address in the Proxy field for all outbound requests.

Step 5. Choose the status that you would like to assign to the periodic registration with the proxy server from the Register drop-down list. This parameter is ignored if the proxy is not specified, **yes** enables the periodic service, **no** disables it.

Step 6. Choose **yes** from the Make Call Without Reg drop-down list to allow outbound calls without successful registration by the unit.

Step 7. In the Register Expires field, enter the time (in seconds) that you would like to allow the answering of inbound calls without successful registration.

Step 8. Choose **yes** from the Ans Call Without Reg drop-down list to allow the answer of calls when the user is not registered in the proxy.

Step 9. Click **Submit All Changes** to save your changes