

Forwarding PSTN Calls to a VOIP number on SPA3102

Document ID: 108725

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Introduction

This article is one in a series to assist in the setup, troubleshooting, and maintenance of Cisco Small Business products.

Q. How do I forward PSTN Callers to a VoIP number on SPA3102?

A.

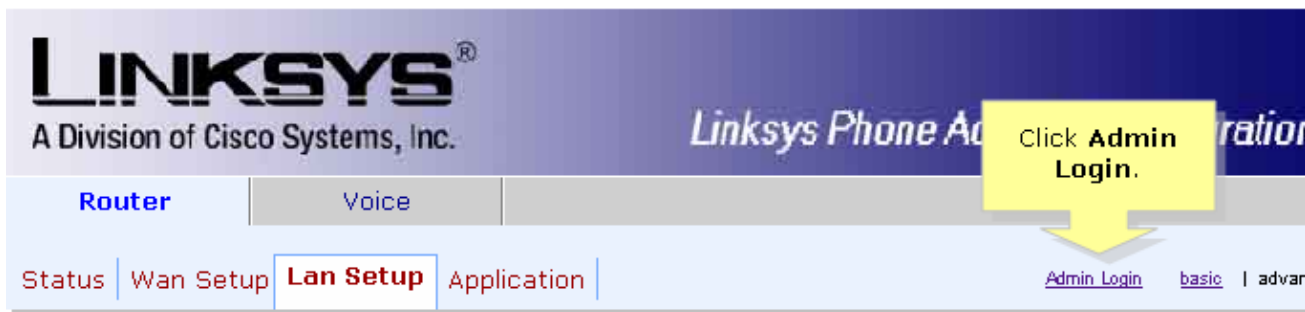
Forwarding PSTN Calls to a VOIP number on SPA3102

Step 1:

Access the web-based setup page of SPA3102. For instructions, click here.

Step 2:

When the web-based setup page appears, click *Admin Login*.



Step 3:

Click *Voice, advanced*, then *Line 1*.

Router | **Voice**

Info | System | SIP | Regional | **Line 1** | TN User | [User Login](#) | basic | [adv](#)

Line Enable: yes

SIP Settings
SIP Port: 5060

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

Subscriber Information
Display Name: User ID:
Password: Use Auth ID: no
Auth ID:

Step 4:

Under **Proxy** enter the VOIP Proxy settings on the field provided.

Step 5:

Under **Outbound Proxy** enter the VOIP Outbound Proxy settings on the field provided.

Step 6:

Set **Use Outbound Proxy** to **yes**.

Step 7:

Under **Password**, enter the subscriber password on the field provided.

Step 8:

Under **User ID**, enter the User ID on the field provided.

Proxy and Registration

Proxy: Use Outbound Proxy:
 Outbound Proxy: Use OB Proxy In Dialog:
 Register: Make Call Without Reg:
 Register Expires: Make Call Without Reg:
 Use DNS SRV: SRV Auto Prefix:
 Proxy Fallback Intvl: Redundancy Method:
 Voice Mail Server: Proxy Subscribe Expires:

Subscriber Information

Display Name: User ID:
 Password: Use Auth ID:
 Auth ID:
 Mini Certificate:
 SRTP Private Key:

Step 9:

Click .

Step 10:

Click *PSTN Line*.

LINKSYS[®]
 A Division of Cisco Systems, Inc.

Linksys Phone Adapter Configuration

Router | **Voice**

Info | System | SIP | Provisioning | Regional | Line 1 | **PSTN Line** | [User Login](#)

Step 11:

Under *Proxy*, enter the VOIP Proxy settings on the field provided.

Step 12:

Under *Outbound Proxy*, enter the VOIP Outbound Proxy settings on the field provided.

Step 13:

Set *Use Outbound Proxy* to *yes*.

Step 14:

Under *Password*, enter the subscriber password on the field provided.

Step 15:

Under *User ID*, enter the User ID on the field provided.

Enter VOIP Proxy settings here.

Proxy and Registration

Proxy:	<input type="text"/>	Use Outbound Proxy:	yes <input type="button" value="v"/>	Set Outbound to y
Outbound Proxy:	<input type="text"/>	Use OB Proxy In Dialog:	yes <input type="button" value="v"/>	
Register:	yes <input type="button" value="v"/>	Make Call Without Reg:	no <input type="button" value="v"/>	
Register Expires:	3600	Make Call Without Reg:	no <input type="button" value="v"/>	
Use DNS SRV:	no <input type="button" value="v"/>	DNS SRV Auto Prefix:	no <input type="button" value="v"/>	
Proxy Fallback Intvl:	3	Redundancy Method:	Normal <input type="button" value="v"/>	
Voice Mail Server:	<input type="text"/>	Box Subscribe Expires:	2147483647	

Enter VOIP Outbound Proxy settings here.

Subscriber Information

Display Name:	<input type="text"/>	User ID:	<input type="text"/>	Enter User ID on this field.
Password:	<input type="text"/>	Use Auth ID:	no <input type="button" value="v"/>	
Auth ID:	<input type="text"/>			
Mini Certificate:	<input type="text"/>			
SRTP Private Key:	<input type="text"/>			

Enter the subscriber password here.

Step 16:

Click .

Step 17:

Set a hotline on *Dial plan 8* field of SPA3102 and put *(S0<:86343490)*.

Dial Plans

Dial Plan 1:	<input type="text" value="(xx.)"/>
Dial Plan 2:	<input type="text" value="(xx.)"/>
Dial Plan 3:	<input type="text" value="(xx.)"/>
Dial Plan 4:	<input type="text" value="(xx.)"/>
Dial Plan 5:	<input type="text" value="(xx.)"/>
Dial Plan 6:	<input type="text" value="(xx.)"/>
Dial Plan 7:	<input type="text" value="(xx.)"/>
Dial Plan 8:	<input type="text" value="(S0<:86343490)"/>

Enter (S0<:86343490).

Step 18:

Set *PSTN Caller DP* to *8* on the PSTN.

PSTN-To-VoIP Gateway Setup

PSTN-To-VoIP Gateway Enable:	yes <input type="button" value="v"/>	PSTN Caller Auth Method:	none <input type="button" value="v"/>
PSTN Ring Thru Line 1:	yes <input type="button" value="v"/>	PSTN PIN Max Retry:	3 <input type="text"/>
PSTN CID For VoIP CID:	no <input type="button" value="v"/>	ID Number Prefix:	<input type="text"/>
PSTN Caller Default DP:	8 <input type="button" value="v"/>	Block While Calling VoIP:	no <input type="button" value="v"/>
Line 1 Signal Hook Flash To PSTN:	Disabled <input type="button" value="v"/>	ID Name Prefix:	<input type="text"/>

Select 8.

Step 19:

Click .

Step 20:

Dial the PSTN number of SPA3102 and if nobody picks up the phone, the caller will be forwarded to the VOIP number set on the hotline field, 86343490.

Related Information

- **Technical Support & Documentation – Cisco Systems**

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