

Linksys spa3102 به عنوان یک گیتوی برای ارتباط متقابل Voip و pstn

The screenshot shows the Linksys SPA Configuration web interface in Mozilla Firefox. The browser address bar shows the URL `http://192.168.16.24/admin/voice/advanced`. The page title is "Linksys SPA Configuration - Mozilla Firefox". The navigation tabs include "Info", "System", "SIP", "Provisioning", "Regional", "Line 1", "PSTN Line", "User 1", and "PSTN User". The "PSTN Line" tab is selected.

The configuration page is divided into several sections:

- Line Enable:** yes
- NAT Settings:**
 - NAT Mapping Enable: no
 - NAT Keep Alive Enable: no
 - NAT Keep Alive Msg:
 - NAT Keep Alive Dest:
- Network Settings:**
 - SIP ToS/DiffServ Value:
 - RTP ToS/DiffServ Value:
 - Network Jitter Level:
 - SIP CoS Value: [0-7]
 - RTP CoS Value: [0-7]
 - Jitter Buffer Adjustment:
- SIP Settings:**
 - SIP Transport:
 - SIP 100REL Enable: no
 - Auth Resync-Reboot: yes
 - SIP Remote-Party-ID: yes
 - SIP Debug Option:
 - Restrict Source IP: no
 - Refer Target Bye Delay:
 - Refer-To Target Contact: no
 - Auth INVITE: no
 - SIP Port:
 - EXT SIP Port:
 - SIP Proxy-Require:
 - SIP GUID: no
 - RTP Log Intvl:
 - Referor Bye Delay:
 - Referee Bye Delay:
 - Sticky 183: no

The bottom of the browser window shows the Windows taskbar with the Start button and several open applications, including Firefox, Fedora, and a terminal window.

Linksys SPA Configuration - Mozilla Firefox

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http://192.168.16.24/admin/voice/advanced

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Proxy and Registration

Proxy:	192.168.16.16
Outbound Proxy:	192.168.16.16
Use Outbound Proxy:	yes
Register:	no
Register Expires:	3600
Use DNS SRV:	no
Proxy Fallback Intvl:	3600
Use OB Proxy In Dialog:	yes
Make Call Without Reg:	yes
Ans Call Without Reg:	yes
DNS SRV Auto Prefix:	no
Proxy Redundancy Method:	Normal

Subscriber Information

Display Name:	123	User ID:	123
Password:	*****	Use Auth ID:	no
Auth ID:			
Mini Certificate:			
SRTP Private Key:			

Audio Configuration

Preferred Codec:	G711u	Silence Supp Enable:	no
Use Pref Codec Only:	no	Echo Canc Enable:	yes
G729a Enable:	yes	Echo Canc Adapt Enable:	yes
G723 Enable:	yes	Echo Supp Enable:	yes
G726-16 Enable:	yes	FAX CED Detect Enable:	yes
G726-24 Enable:	yes	FAX CNG Detect Enable:	yes
G726-32 Enable:	yes	FAX Passthru Codec:	G711u

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G726-40 Enable:	yes	FAX Codec Symmetric:	yes
DTMF Process INFO:	yes	FAX Passthru Method:	NSE
DTMF Process AVT:	yes	DTMF Tx Method:	Auto
DTMF Tx Mode:	Strict	DTMF Tx Strict Hold Off Time:	40
Release Unused Codec:	yes	FAX Process NSE:	yes
Symmetric RTP:	yes	FAX Disable ECAN:	no

Dial Plans

Dial Plan 1:	(xx.<:@gw0>)
Dial Plan 2:	(S0:100@192.168.16.16)
Dial Plan 3:	(xx.)
Dial Plan 4:	(xx.)
Dial Plan 5:	(xx.)
Dial Plan 6:	(xx.)
Dial Plan 7:	(xx.)
Dial Plan 8:	(xx.)

VoIP-To-PSTN Gateway Setup

VoIP-To-PSTN Gateway Enable:	yes	VoIP Caller Auth Method:	none
VoIP PIN Max Retry:	3	One Stage Dialing:	yes
Line 1 VoIP Caller DP:	none	VoIP Caller Default DP:	1
Line 1 Fallback DP:	none		
VoIP Caller ID Pattern:			
VoIP Access List:			

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VoIP Access List:			
VoIP Caller 1 PIN:		VoIP Caller 1 DP:	1
VoIP Caller 2 PIN:		VoIP Caller 2 DP:	1
VoIP Caller 3 PIN:		VoIP Caller 3 DP:	1
VoIP Caller 4 PIN:		VoIP Caller 4 DP:	1
VoIP Caller 5 PIN:		VoIP Caller 5 DP:	1
VoIP Caller 6 PIN:		VoIP Caller 6 DP:	1
VoIP Caller 7 PIN:		VoIP Caller 7 DP:	1
VoIP Caller 8 PIN:		VoIP Caller 8 DP:	1

VoIP Users and Passwords (HTTP Authentication)

VoIP User 1 Auth ID:		VoIP User 1 DP:	1
VoIP User 1 Password:			
VoIP User 2 Auth ID:		VoIP User 2 DP:	1
VoIP User 2 Password:			
VoIP User 3 Auth ID:		VoIP User 3 DP:	1
VoIP User 3 Password:			
VoIP User 4 Auth ID:		VoIP User 4 DP:	1
VoIP User 4 Password:			
VoIP User 5 ID Auth ID:		VoIP User 5 DP:	1
VoIP User 5 Password:			
VoIP User 6 Auth ID:		VoIP User 6 DP:	1
VoIP User 6 Password:			
VoIP User 7 Auth ID:		VoIP User 7 DP:	1
VoIP User 7 Password:			

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VoIP User 7 Auth ID: VoIP User 7 DP: 1

VoIP User 7 Password:

VoIP User 8 Auth ID: VoIP User 8 DP: 1

VoIP User 8 Password:

PSTN-To-VoIP Gateway Setup

PSTN-To-VoIP Gateway Enable: yes PSTN Caller Auth Method: none

PSTN Ring Thru Line 1: no PSTN PIN Max Retry: 3

PSTN CID For VoIP CID: yes PSTN CID Number Prefix:

PSTN Caller Default DP: 2 Off Hook While Calling VoIP: no

Line 1 Signal Hook Flash To PSTN: Disabled PSTN CID Name Prefix:

PSTN Caller ID Pattern:

PSTN Access List:

PSTN Caller 1 PIN: PSTN Caller 1 DP: 1

PSTN Caller 2 PIN: PSTN Caller 2 DP: 1

PSTN Caller 3 PIN: PSTN Caller 3 DP: 1

PSTN Caller 4 PIN: PSTN Caller 4 DP: 1

PSTN Caller 5 PIN: PSTN Caller 5 DP: 1

PSTN Caller 6 PIN: PSTN Caller 6 DP: 1

PSTN Caller 7 PIN: PSTN Caller 7 DP: 1

PSTN Caller 8 PIN: PSTN Caller 8 DP: 1

FXO Timer Values (sec)

VoIP Answer Delay: 0 VoIP PIN Digit Timeout: 10

PSTN Answer Delay: 1 PSTN PIN Digit Timeout: 10

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FXO Timer Values (sec)

VoIP Answer Delay:	0	VoIP PIN Digit Timeout:	10
PSTN Answer Delay:	1	PSTN PIN Digit Timeout:	10
PSTN-To-VoIP Call Max Dur:	0	PSTN Ring Thru Delay:	1
VoIP-To-PSTN Call Max Dur:	0	PSTN Ring Thru CWT Delay:	3
VoIP DLG Refresh Intvl:	0	PSTN Ring Timeout:	5
PSTN Dialing Delay:	1	PSTN Dial Digit Len:	.1/.1
PSTN Hook Flash Len:	.25		

PSTN Disconnect Detection

Detect CPC:	yes	Detect Polarity Reversal:	yes
Detect PSTN Long Silence:	no	Detect VoIP Long Silence:	no
PSTN Long Silence Duration:	30	VoIP Long Silence Duration:	30
PSTN Silence Threshold:	medium	Min CPC Duration:	0.2
Detect Disconnect Tone:	yes		
Disconnect Tone:	480@-30,620@-30;4(.25/.25/1+2)		

International Control

FXO Port Impedance:	600	Ring Frequency Min:	10
SPA To PSTN Gain:	0	Ring Frequency Max:	90
PSTN To SPA Gain:	0	Ring Validation Time:	256 ms
Tip/Ring Voltage Adjust:	3.5 V	Ring Indication Delay:	512 ms
Operational Loop Current Min:	10 mA	Ring Timeout:	640 ms
On-Hook Speed:	Less than 0.5 ms	Ring Threshold:	13.5-16.5 Vrms

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linksys (sip)

Delete Trunk linksys

In use by 1 route
General Settings

Trunk Description: linksys

Outbound Caller ID:

CID Options: Allow Any CID

Maximum Channels:

Disable Trunk: Disable

Monitor Trunk Failures: Enable

Outgoing Dial Rules

Dial Rules: 9|x.

Clean & Remove duplicates

Dial Rules Wizards: (pick one)

Outbound Dial Prefix:

Outgoing Settings

Trunk Name: 123

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Remote Access
Callback
DISA

Trunk Name: 123

PEER Details:

```
context=from-trunk
host=192.168.16.24
insecure=very
type=friend
username=123
secret=123
port=5061
```

Incoming Settings

USER Context:

USER Details:

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- General Settings
- Outbound Routes
- Trunks
- Inbound Call Control
- Inbound Routes
- Announcements
- Follow Me
- IVR
- Misc Destinations
- Queues
- Ring Groups
- Time Conditions
- Internal Options & Configuration
- Conferences
- Misc Applications
- Music on Hold
- PIN Sets
- Paging and Intercom
- Parking Lot
- System Recordings
- Remote Access
- Callback
- DISA

Edit Incoming Route

Description:

DID Number:

Caller ID Number:

CID Priority Route:

Options

Alert Info:

CID name prefix:

Music On Hold:

Signal RINGING:

Pause Before Answer:

Privacy

Privacy Manager:

Fax Detect

Detect Faxes: No Yes

CID Lookup Source

Source:

Unused DIDs

linksys
any DID / any CID

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Parking Lot
System Recordings
Remote Access
Callback
DISA

Detect Faxes: No Yes

CID Lookup Source

Source:

Language

Language:

Set Destination

IVR:
 Conferences:
 Terminate Call:
 Extensions:
 Ring Groups:
 Phonebook Directory:
 Custom Contexts:

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Extensions
Feature Codes
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Announcements
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IVR
Misc Destinations
Queues
Ring Groups
Time Conditions
Internal Options & Configuration
Conferences
Misc Applications
Music on Hold
PIN Sets
Paging and Intercom
Parking Lot
System Recordings

Delete Route 123

Route Name: 123

Route CID: Override Extension CID

Route Password:

PIN Set:

Emergency Dialing:

Intra Company Route:

Music On Hold?

Dial Patterns

Dial patterns wizards:

Trunk Sequence

0

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