

Настройка телефонии на Linksys SPA 2102

Данная инструкция предполагает, что вы уже ознакомились с настройкой интернета и находитесь в интерфейсе устройства.

Настройка раздела Voice .

Во вкладке System (см. рисунок 1) в разделе System Configuration поле User Password указывается пароль для доступа к Web-интерфейсу (вводится пароль, прописанный в договоре, либо произвольный пароль):



The screenshot shows the Linksys Phone Adapter Configuration web interface. The top navigation bar includes 'Router' and 'Voice' (selected). Below this are tabs for 'Info', 'System' (selected), 'SIP', 'Provisioning', 'Regional', 'Line 1', 'Line 2', 'User 1', and 'User 2'. The 'System Configuration' section is visible, with fields for 'Restricted Access Domains', 'Enable Web Admin Access' (set to 'yes'), 'Admin Passwd', and 'User Password' (masked with asterisks). Below this is the 'Miscellaneous Settings' section with fields for 'Syslog Server', 'Debug Server', and 'Debug Level' (set to '0'). At the bottom, there are two buttons: 'Undo All Changes' and 'Submit All Changes' (highlighted with a red box).

Рисунок 1

После этого нажать Submit All Changes .

Во вкладке SIP (см. рисунок 2) необходимо прописать следующие параметры:

В разделе SIP Timer Values (sec):

Поле Reg Max Expires: выставляем значение **900**

Поле Reg Retry Long Intvl: выставляем значение **600**

В разделе RTP Parameters :

Поле RTP Port Min: выставляем значение **10000**

Поле RTP Port Max: выставляем значение **20000**

Поле RTP Packet Size: выставляем значение **0.010**

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

Linksys Phone Adapter Configuration

Router **Voice**

Info System **SIP** Provisioning Regional Line 1 Line 2 User 1 User 2 [User Login](#) [basic](#) | [advanced](#)

SIP Parameters

Max Forward:	70	Max Redirection:	5
Max Auth:	2	SIP User Agent Name:	\$VERSION
SIP Server Name:	\$VERSION	SIP Reg User Agent Name:	
SIP Accept Language:		DTMF Relay MIME Type:	application/dtmf-relay
Hook Flash MIME Type:	application/hook-flash	Remove Last Reg:	no
Use Compact Header:	no	Escape Display Name:	no
RFC 2543 Call Hold:	yes	Mark All AVT Packets:	yes

SIP Timer Values (sec)

SIP T1:	.5	SIP T2:	4
SIP T4:	5	SIP Timer B:	32
SIP Timer F:	32	SIP Timer H:	32
SIP Timer D:	32	SIP Timer J:	32
INVITE Expires:	240	ReINVITE Expires:	30
Reg Min Expires:	1	Reg Max Expires:	900
Reg Retry Intvl:	30	Reg Retry Long Intvl:	600

Response Status Code Handling

SIT1 RSC:		SIT2 RSC:	
SIT3 RSC:		SIT4 RSC:	
Try Backup RSC:		Retry Reg RSC:	

RTP Parameters

RTP Port Min:	10000	RTP Port Max:	20000
RTP Packet Size:	0.010	Max RTP ICMP Err:	0
RTCP Tx Interval:	0	No UDP Checksum:	no
Stats In BYE:	no		

Рисунок 2

После этого нажать Submit All Changes .

Во вкладке Regional (см. рисунок 3) В разделе Vertical Service Activation Codes значения всех полей должны быть удалены:

Interdigit Long Timer:	10	Interdigit Short Timer:	5
CPC Delay:	2	CPC Duration:	0

Vertical Service Activation Codes

Call Return Code:		Call Redial Code:	
Blind Transfer Code:		Call Back Act Code:	
Call Back Deact Code:		Call Back Busy Act Code:	
Cfwd All Act Code:		Cfwd All Deact Code:	
Cfwd Busy Act Code:		Cfwd Busy Deact Code:	
Cfwd No Ans Act Code:		Cfwd No Ans Deact Code:	
Cfwd Last Act Code:		Cfwd Last Deact Code:	
Block Last Act Code:		Block Last Deact Code:	
Accept Last Act Code:		Accept Last Deact Code:	
CW Act Code:		CW Deact Code:	
CW Per Call Act Code:		CW Per Call Deact Code:	
Block CID Act Code:		Block CID Deact Code:	
Block CID Per Call Act Code:		Block CID Per Call Deact Code:	
Block ANC Act Code:		Block ANC Deact Code:	
DND Act Code:		DND Deact Code:	
CID Act Code:		CID Deact Code:	
CWCID Act Code:		CWCID Deact Code:	
Dist Ring Act Code:		Dist Ring Deact Code:	
Speed Dial Act Code:		Secure All Call Act Code:	
Secure No Call Act Code:		Secure One Call Act Code:	
Secure One Call Deact Code:		Conference Act Code:	
Attn-Xfer Act Code:		Modem Line Toggle Code:	
FAX Line Toggle Code:			
Referral Services Codes:			
Feature Dial Services Codes:			

Vertical Service Announcement Codes

Service Annc Base Number:

Service Annc Extension Codes:

Outbound Call Codec Selection Codes

Prefer G711u Code:	*017110	Force G711u Code:	*027110
Prefer G711a Code:	*017111	Force G711a Code:	*027111
Prefer G723 Code:	*01723	Force G723 Code:	*02723
Prefer G726r16 Code:	*0172616	Force G726r16 Code:	*0272616
Prefer G726r24 Code:	*0172624	Force G726r24 Code:	*0272624
Prefer G726r32 Code:	*0172632	Force G726r32 Code:	*0272632
Prefer G726r40 Code:	*0172640	Force G726r40 Code:	*0272640
Prefer G729a Code:	*01729	Force G729a Code:	*02729

Miscellaneous

Set Local Date (mm/dd):	<input type="text"/>	Set Local Time (HH/mm):	<input type="text"/>
Time Zone:	GMT-08:00 ▾	FXS Port Impedance:	600 ▾
Daylight Saving Time Rule:	start=4/1/7;end=10/-1/7;save=1		
FXS Port Input Gain:	-3	FXS Port Output Gain:	-3
DTMF Playback Level:	-16	DTMF Playback Length:	.1
Detect ABCD:	yes ▾	Playback ABCD:	yes ▾
Caller ID Method:	Bellcore(N.Amer,China) ▾	Caller ID FSK Standard:	bell 202 ▾
Feature Invocation Method:	Default ▾	More Echo Suppression:	no ▾

Рисунок 3.

После этого нажать Submit All Changes .

Во вкладке Line1 в разделе Network Settings (см. рисунок 4):

Поле Jitter Buffer Adjustment: выставляем значение **disable**

В разделе Proxy and Registration :

Поле Proxy: выставляем IP адрес **83.243.65.2**

Поле Register Expires: выставляем значение **600**

Поле Make Call Without Reg: выставляем значение **yes**

Поле Ans Call Without Reg: выставляем значение **yes**

В разделе Subscriber Information (см.рисунок 5) на примере номера 602-26-57 :

Поле Display Name: выставляем значение **6022657**

Поле User ID: выставляем значение **78126022657**

Поле Password: здесь необходимо прописать пароль для регистрации номера, который прописан в договоре.

Поле Use Auth ID: выставляем значение **yes**

Поле Auth ID:: выставляем значение **78126022657**

В разделе Supplementary Service Subscription

Поле Call Waiting Serv: выставляем значение **no**

В разделе Audio Configuration

Поле Preferred Codec: выставляем значение **G711a**

Поле Use Pref Codec Only: выставляем значение **yes**

Поле G729a Enable: выставляем значение **no**

Поле G723 Enable: выставляем значение **no**

Поле G726-16 Enable: выставляем значение **no**

Поле G726-24 Enable: выставляем значение **no**

Поле G726-32 Enable: выставляем значение **no**

Поле G726-40 Enable: выставляем значение **no**

Поле FAX Passthru Codec: выставляем значение **G711a**

Поле FAX Enable T38: выставляем значение **yes**

Router		Voice									
Info	System	SIP	Provisioning	Regional	Line 1	Line 2	User 1	User 2	User Login	basic	advanced
Line Enable: <input type="text" value="yes"/>											
Streaming Audio Server (SAS)											
SAS Enable:		<input type="text" value="no"/>	SAS DLG Refresh Intvl:		<input type="text" value="30"/>						
SAS Inbound RTP Sink:		<input type="text"/>									
NAT Settings											
NAT Mapping Enable:		<input type="text" value="no"/>	NAT Keep Alive Enable:		<input type="text" value="no"/>						
NAT Keep Alive Msg:		<input type="text" value="\$NOTIFY"/>			NAT Keep Alive Dest:		<input type="text" value="\$PROXY"/>				
Network Settings											
SIP ToS/DiffServ Value:		<input type="text" value="0x68"/>			SIP CoS Value:		<input type="text" value="3"/> [0-7]				
RTP ToS/DiffServ Value:		<input type="text" value="0xb8"/>			RTP CoS Value:		<input type="text" value="6"/> [0-7]				
Network Jitter Level:		<input type="text" value="high"/>			Jitter Buffer Adjustment:		<input type="text" value="disable"/>				
SIP Settings											
SIP Port:		<input type="text" value="5060"/>			SIP 100REL Enable:		<input type="text" value="no"/>				
EXT SIP Port:		<input type="text"/>									
SIP Proxy-Require:		<input type="text"/>									
SIP GUID:		<input type="text" value="no"/>			SIP Debug Option:		<input type="text" value="none"/>				
RTP Log Intvl:		<input type="text" value="0"/>			Restrict Source IP:		<input type="text" value="no"/>				
Referor Bye Delay:		<input type="text" value="4"/>			Refer Target Bye Delay:		<input type="text" value="0"/>				
Referee Bye Delay:		<input type="text" value="0"/>			Refer-To Target Contact:		<input type="text" value="no"/>				
Sticky 183:		<input type="text" value="no"/>									
Call Feature Settings											
Blind Attn-Xfer Enable:		<input type="text" value="no"/>			MOH Server:		<input type="text"/>				
Xfer When Hangup Conf:		<input type="text" value="yes"/>			Conference Bridge URL:		<input type="text"/>				
Conference Bridge Ports:		<input type="text" value="3"/>									
Proxy and Registration											
Proxy:		<input type="text" value="83.243.65.2"/>									
Outbound Proxy:		<input type="text"/>									
Use Outbound Proxy:		<input type="text" value="no"/>			Use OB Proxy In Dialog:		<input type="text" value="yes"/>				
Register:		<input type="text" value="yes"/>			Make Call Without Reg:		<input type="text" value="yes"/>				
Register Expires:		<input type="text" value="600"/>			Ans Call Without Reg:		<input type="text" value="yes"/>				
Use DNS SRV:		<input type="text" value="no"/>									
Proxy Fallback Intvl:		<input type="text" value="3600"/>			Proxy Redundancy Method:		<input type="text" value="Normal"/>				
Voice Mail Server:		<input type="text"/>									
Mailbox Subscribe Expires:		<input type="text" value="2147483647"/>									
Subscriber Information											
Display Name:		<input type="text" value="6022657"/>			User ID:		<input type="text" value="78126022657"/>				
Password:		<input type="text" value="*****"/>									
Auth ID:		<input type="text" value="78126022657"/>			Use Auth ID:		<input type="text" value="yes"/>				

Рисунок 4.

Proxy Fallback Intvl:	3600	Proxy Redundancy Method:	Normal
Voice Mail Server:		Mailbox Subscribe Expires:	2147483647
Subscriber Information			
Display Name:	6022657	User ID:	78126022657
Password:	*****	Use Auth ID:	yes
Auth ID:	78126022657		
Mini Certificate:			
SRTP Private Key:			
Supplementary Service Subscription			
Call Waiting Serv:	no	Block CID Serv:	yes
Block ANC Serv:	yes	Dist Ring Serv:	yes
Cfwd All Serv:	yes	Cfwd Busy Serv:	yes
Cfwd No Ans Serv:	yes	Cfwd Sel Serv:	yes
Cfwd Last Serv:	yes	Block Last Serv:	yes
Accept Last Serv:	yes	DND Serv:	yes
CID Serv:	yes	CWCID Serv:	yes
Call Return Serv:	yes	Call Redial Serv:	yes
Call Back Serv:	yes	Three Way Call Serv:	yes
Three Way Conf Serv:	yes	Attn Transfer Serv:	yes
Unattn Transfer Serv:	yes	MWI Serv:	yes
VMWI Serv:	yes	Speed Dial Serv:	yes
Secure Call Serv:	yes	Referral Serv:	yes
Feature Dial Serv:	yes	Service Announcement Serv:	no
Audio Configuration			
Preferred Codec:	G711a	Silence Supp Enable:	no
Use Pref Codec Only:	yes	Silence Threshold:	medium
G729a Enable:	no	Echo Canc Enable:	yes
G723 Enable:	no	Echo Canc Adapt Enable:	yes
G726-16 Enable:	no	Echo Supp Enable:	yes
G726-24 Enable:	no	FAX CED Detect Enable:	yes
G726-32 Enable:	no	FAX CNG Detect Enable:	yes
G726-40 Enable:	no	FAX Passthru Codec:	G711a
DTMF Process INFO:	yes	FAX Codec Symmetric:	yes
DTMF Process AVT:	yes	FAX Passthru Method:	NSE
DTMF Tx Method:	Auto	FAX Process NSE:	yes
Hook Flash Tx Method:	None	FAX Disable ECAN:	no
Release Unused Codec:	yes	FAX Enable T38:	yes
FAX T38 Redundancy:	1	FAX Tone Detect Mode:	caller or callee
Dial Plan			
Dial Plan:	(*xx [3469]11 0 00 [2-9]xxxxxx 1xxx[2-9]xxxxxxS0 xxxxxxxxxxxxx.)		
Enable IP Dialing:	no	Emergency Number:	
FXS Port Polarity Configuration			
Idle Polarity:	Forward	Caller Conn Polarity:	Forward
Callee Conn Polarity:	Forward		

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Рисунок 5.

После этого нажать Submit All Changes .