

Device Provisioning

Cisco SPA Phones - Manual Configuration

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This knowledge base applies to phone admin manually configuring any of the Cisco SPA family of phones.

Quick Guide to Cisco SPA

Step One: Cisco SPA web UI

- Retrieve the phones IP address > select the Settings button (page icon)
- SPA 504 select Option 9 | **Network** >> Current IP.
- SPA 525 select **Settings** | **Status** | **Network Status** >> IP Address.
- **Advanced settings**: type **admin/advanced** to jump directly into the phone full admin access (see screen shot below).



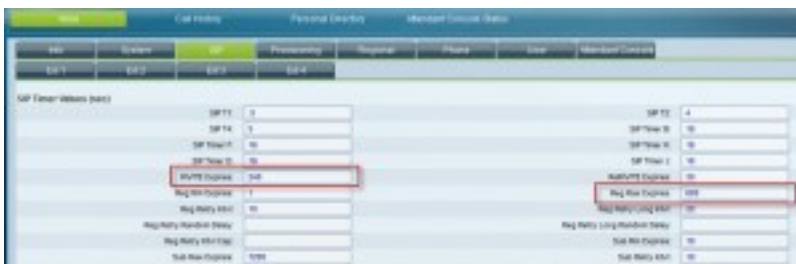
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Step Two: SIP Tab

Browse to the SIP Tab (see screen shot below).

- **SIP Timer Values:** Set INVITE Expires to 240 and Reg Max Expires 600. NB – while our recommended settings for both are arbitrary, its important that you reduce them from the factory defaults of 3600 seconds which is way too long.



Step Three: Ext 1 Tab

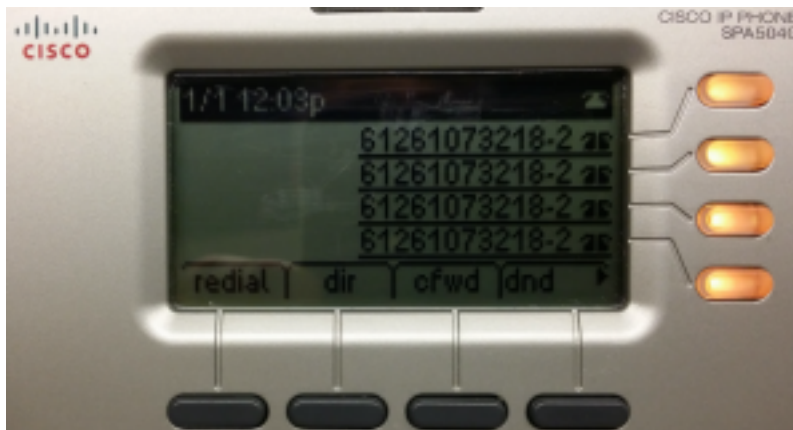
You will use the Ext tabs to program each numbers (or extensions) onto your Cisco SPA handset.

Disabling unused Extensions

By default all Extension tabs are enabled on the Cisco SPA phones with the

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annoying consequence that the single number programmed against Ext 1 will populate across all other extension buttons on your handset (see example below). To prevent this behaviour simply disable any used Extensions.



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3.1 SIP Settings

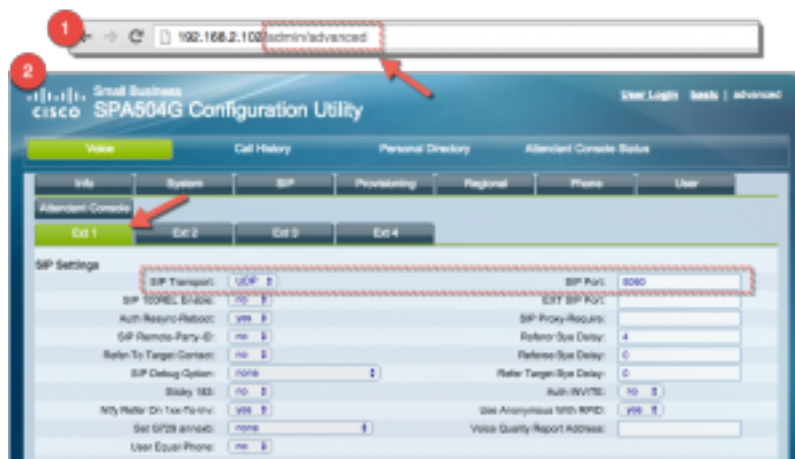
SIP Transport: TLS (if using UDP please use port 5060)

SIP Port: 5061 (UDP 5060)

3.2 Proxy and Registration

Proxy: phone.tel2.co..uk

Outbound Proxy: phone.tel2.co..uk



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Proxy and Registration

Proxy:	jls-spy01.com.sx	
Outbound Proxy:	jls-spy01.net.sx	
Alternate Proxy:		
Alternate Outbound Proxy:		
Use Outbound Proxy:	☒ Yes	Use CR Proxy in Dialog: ☒ Yes
Nagios:	☒ Yes	Status Call Without Reg: ☒ Yes
Register Expires:	180	Ans Call Without Reg: ☒ Yes
Use DNS SRV:	☒ No	DNS SRV Auto Prefix: ☒ No
Proxy Failback Intvl:	300	Proxy Redundancy Method: Normal
Dual Registration:	☒ No	

Subscriber Information

Display Name:	jls-SN-1	User ID:	51288604100
Password:	*****	Use Auth ID:	☒ Yes
Auth ID:	51288604100	Reversed Auth Realm:	
Mini Certificate:			
SIP Private Key:			
Resident/Online Number:		SIP URI:	

Audio Configuration

Preferred Codec:	G729a <input checked="" type="button" value="+"/>	Use Pref Codes Only:	☒ No
Second Preferred Codec:	G711a <input checked="" type="button" value="+"/>	Third Preferred Codec:	G711a <input checked="" type="button" value="+"/>
G711a Enable:	☒ Yes	G711a Enable:	☒ Yes
G729a Enable:	☒ Yes	G729 Enable:	☒ Yes
G729-18 Enable:	☒ No	G729-24 Enable:	☒ No
G729-32 Enable:	☒ No	G729-48 Enable:	☒ No
Release Unused Codec:	☒ Yes	G729 Process InVT:	☒ Yes
Silence Supp Enable:	☒ No	G729 Tx Delay:	Auto <input checked="" type="button" value="+"/>
DTMF Tx Volume for AVT Packets:	0	DTMF AVT Packet Interval:	0
Use Remote Pref Codes:	☒ No	Codes Negotiation:	Default <input checked="" type="button" value="+"/>

Unique solution ID: #1079

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Last update: 2016-05-29 08:21