

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).



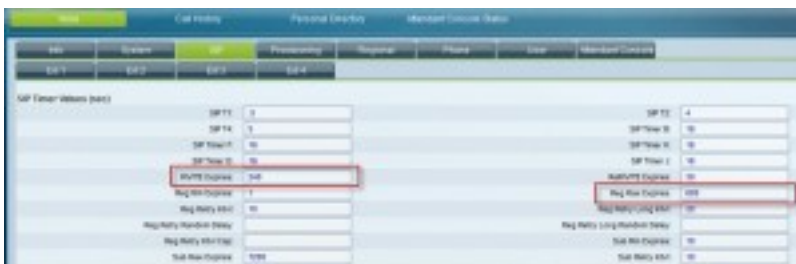
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Step Two: SIP Tab

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

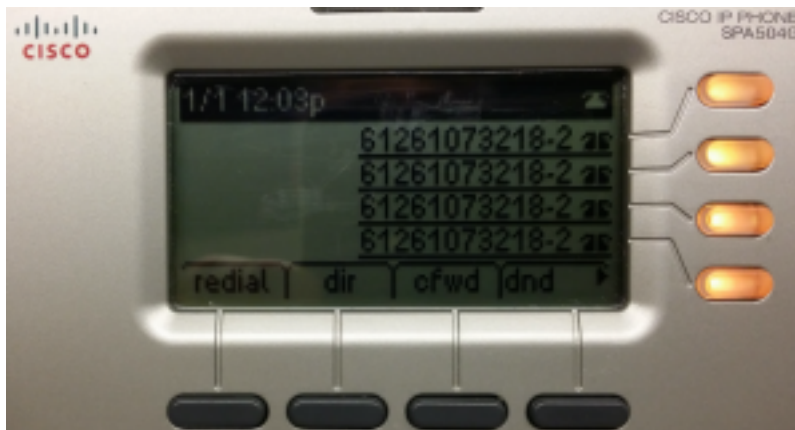
You will use the Ext tabs to program each numbers (or extensions) onto your Cisco SPA handset.

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

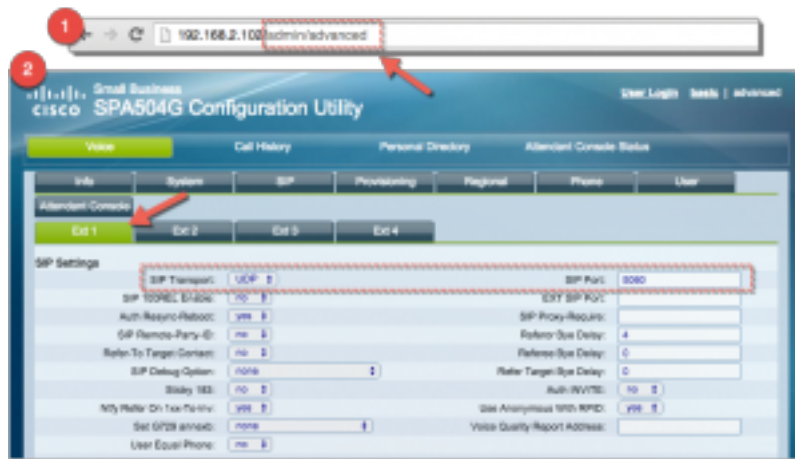
SIP Transport: TLS (if using UDP please use port 5060)

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:
Outbound Proxy:
Alternate Proxy:
Alternate Outbound Proxy:
Use Outbound Proxy: ☐
Register: ☐
Register Expires:
Use DNS SRV: ☐
Proxy Fallback Intvl:
Dual Registration: ☐
Use DB Proxy In Dialog: ☐
Make Call Without Reg: ☐
Ans Call Without Reg: ☐
SRV SRV Auto Prefix: ☐
Proxy Redundancy Method:
Use DB Proxy In Dialog: ☐
Make Call Without Reg: ☐
Ans Call Without Reg: ☐
SRV SRV Auto Prefix: ☐
Proxy Redundancy Method:

Subscriber Information

Display Name:
Password:
Auth ID:
User ID:
Use Auth ID: ☐
Request Auth Realm:
Mini Certificate:
SRTP Private Key:
Resident Online Number:
SIP URI:

Audio Configuration

Preferred Codes:
Second Preferred Codes:
G711a Enable: ☐
G729a Enable: ☐
G729-18 Enable: ☐
G729-32 Enable: ☐
Release Unused Codes: ☐
Silence Supp Enable: ☐
DTMF Tx Volume for A/V T Packets:
Use Remote Pref Codes: ☐
Use Pref Codes Only: ☐
Third Preferred Codes:
G711a Enable: ☐
G722 Enable: ☐
G729-04 Enable: ☐
G729-48 Enable: ☐
G729 Process AVT: ☐
DTMF Tx Method:
DTMF AVT Packet Interval:
Codes Negotiation:

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