

# Configuring the Cisco SPA502G phone for use as a GCK Internal Extension

The configuration is comprised of two parts- on-phone configuration, and browser-based configuration.

## On-Phone

1. Plug in the SW port on the phone and wait for it to power up. Note that this phone requires PoE.
2. Press the Configuration Button. Refer to Figure 1.



Figure 1 - SPA502 Phone

3. Use the Arrow Keys to select option 9 “Network”. Press “select”.
4. Arrow down to select option 1: “WANConnection Type”. Press “edit”.
5. Press “option” until “Static” is displayed. Press “ok”.
6. Use the Arrow Keys to select “Non-DHCP IP Address”. Press “edit”
7. Enter the static IP address for the phone. Use the star key for “.” When finished, select “ok”.
8. Use the Arrow Keys to select “Non-DHCP Subnet Mask”. Press “edit”.
9. Enter the netmask for the phone. Use the star key for “.” When finished, select “ok”.
10. Press “save”.
11. Use the Arrow Keys to select “CDP”. Press “edit”.
12. Change the CDP setting to “No”
13. Press “save”.
14. Use the Arrow Keys to select option 12 “Reboot”. Press “select”. When asked to confirm, select “ok”.

## **Browser**

Once the phone is rebooted, Open a browser to the IP address entered in Step 7 above.

1. In the upper left corner, select “Admin Login”. After the screen refreshes, select “Advanced”.
2. Select the “Voice” tab. When the screen refreshes, select the SIP tab. Change the RTP Packet Size to 0.020. Depending on the phone’s firmware, this field may also be called “RTP Interval”.
3. Select the “Ext1” tab.
4. Enter the following changes:

Setting	Value
Proxy	IP Address of GCK
Display Name	101
User ID	101
Password	101
AuthID	101
Use AuthID	Yes
Preferred Codec	G722
Use Pref Codec Only	Yes
Second Preferred Codec	G711u
DTMF Tx Method	AVT

5. Disable all other CODECs by selecting NO from the adjacent dropdown box.
6. Press “Submit All Changes”. The phone will reboot.
7. Verify that the phone registers in GCK. GCK configuration information is outside the scope of this document.
8. Call another registered extension in GCK to test audio, hangup and DTMF.