Configuration Guide for Linksys SPA941/942 - Operating under a DBT Service

Before you Begin

IP phones **MUST** be setup in the Voice LAN (**10.11.13.0/24**). If IP addresses are assigned statically then addresses from **10.11.13.10/24** to **10.11.13.254/24** are appropriate.

The Voice LAN default gateway is **10.11.13.1/24**.

We recommend that the voice LAN be on a distinct ethernet network - physically separated from other networks such as the office data LAN.

Accessing the Web Interface

To view the phone's current IP address press the *Setup* (▯) key and select **Network**.

If the Phone has a **Current IP**:

1. Enter the IP address of the 941/942 in your PC's browser window to access the web interface of the phone

If the 941/942 does not have an IP address:

1. Press the *Setup* key and select **Network**
2. Set **DHCP Enable** to **No**
3. Enter appropriate values for:

    - **Non-DHCP IP Address**   (eg. **10.11.13.21**)
    - **Non-DHCP Subnet Mask** (**255.255.255.0**)
    - **Non-DHCP Default Route**   (**10.11.13.1**)

4. Select **save**
5. Enter the IP address of the 941/942 in your PC's browser window to access the web interface of the phone

NOTE: Login as **admin** in the **advanced** view to modify some of the following options.

System Tab

If the 941/942 already has a unique IP address within the Voice LAN Step 1 can be skipped.

1. Set the following connection information:

    - DHCP   : No
    - Static IP   : An IP in the range 10.11.13.10 to 10.11.13.254
    - NetMask   : 255.255.255.0
    - Gateway   : 10.11.13.1

2. A host name constructed as follows: SPA-941-*Insert Phone Number Here*

3. Primary and secondary DNS servers set to **203.8.181.1** and **192.189.54.17** respectively.

NOTE: Admin and user passwords are an excellent way to prevent unwanted changes to the 941/942 configuration

SIP Tab

Set the following:

- ` RTP Packet Size: No`

Provisioning Tab

Set the following:

- ` Provisioning Enable: No`

Regional Tab

Under regional settings, set the appropriate time zone. i.e. GMT +10 for Sydney//Melbourne

Phone Tab

Set the following:

- ` Station Name: Phone number of the device`
- ` Voice Mail Number: If voicemail was ordered set to 299`

Extension 1 Tab

Set the following:

- ` Line Enable: Yes`
- ` Share Ext: Private`
- ` SIP TOS/DiffServ Value: 0x80`
- ` RTP TOS/DiffServ Value: 0xA0`
- ` SIP Port: 5060`
- ` Proxy:`
  - ` VIC/SA      : 61.69.30.1`
  - ` NSW/QLD/ACT: 210.8.135.1`
  - ` WA         : 61.69.29.1`
- ` Register: Yes`
- ` Register Expires: 3600`
- ` Display Name: User Name i.e. John Citizen`
- ` User ID: <SIP Username>`
- ` Password: <SIP Authentication Password>`
- ` Use Auth Id: Yes`
- ` Auth Id: <SIP Authentication Username>`
- ` Preferred Codec: G726-32`
- ` Use Pref Codec Only: No`
- ` Dial Plan:`

` (*xx|2xx|[3-9]xxxxxxx|0[23478]xxxxxxxx|1[389]00xxxxxx|1[23]xxxx|000S0|001x.S)`

Extension 2,3,4 Tabs

If multiple accounts are to be used on the 941/942 configure these lines as per Extension 1.

Otherwise set the following on all remaining extension tabs:

- ` Line Enable: No`

User Tab

Set the **Date Format** to **day/month**.

Completing the Configuration

1. Save all settings via the "Submit All Changes" button at the bottom of the web page.
2. Check Phone Status:

   - If the lights on the handset are **GREEN** the 941/942 is ready to make calls

   - If the lights on the handset are **AMBER** the 941/942 does not have internet connectivity or there has been an authentication failure. Check the settings to ensure that all fields were populated correctly