

Setting a BCM 1100 or 1200 Series IP Phone for Auto Configuration

1. Open a text editor. Copy and paste the following settings into the text editor:

```
lldp=n;
dhcp=y;
ca=;
cadomain=;
cahost=;
s1ip=192.168.1.2;
p1=7000;
a1=1;
r1=2;
s2ip=192.168.1.2;
p2=7000;
a2=1;
r2=2;
nis=a;
xa=;
vq=y;
vsource=n;
vcp=8;
vmp=8;
ntqos=n;
pc=y;
pcs=a;
dq=y;
dv=n;
dp=8;
pcuntag=n;
st=y;
cachedip=n;
igarp=n;
srtp=n;
prov=http://192.168.1.2;
zone=;
ssh=y;
sshid=admin;
sshpwd=admin;
```

2. Edit the lines **s1ip**, **s2ip** and **prov** to the LAN address of your BCM. You must include **http://** in the **prov** line.
3. Save the file with the name **system.prv**
4. Login to Element Manager. Go to **Resources - Telephony Resources** and left-click **IP Sets** in the upper frame. The lower frame will take about 15 seconds to populate.
5. Left-click the **Upload** button and browse to the location of the **system.prv** file you saved. Press the OK button to upload this file to the BCM.
6. Connect an 1100 or 1200 series IP phone. As the phone is booting up you will hear a short burst of musical tones. As soon as Nortel or Avaya appears on the display press the 4 buttons below the display quickly from left to right. At the password prompt enter **COLOR*SET** (26567*738) and press OK. Press the **Auto** button to toggle to **Man**. Press the **AllMan** button, and press the **Cfg** button. You are now in manual configuration. Make the following 3 changes:
 - a. Change **LLDP Enable?:** to 0
 - b. Change **DHCP?:** to 1
 - c. Change **Prov:** to **http://<BCM IP address>** (To enter ":" press the 1 button 11 times. To enter "/" press the 1 button 12 times)
7. Press the **Auto** button, press the **AllAut** button, press the **Cfg** button, and press the **Apply** button.
8. The phone will reboot and load the configuration file (**system.prv**) previously uploaded to the BCM.
9. If all went well the IP phone should boot to the **New Set Registration** screen.