

## Cisco Phones

<https://campus.barracuda.com/doc/39823364/>

This article refers to Barracuda Phone System and Cisco® phones.

The Barracuda Phone System works with many different Cisco telephone devices. Cisco has several families of devices, each of which have specific requirements.

After a phone is provisioned by the Barracuda Phone System, its password changes to **2832**.

### Provision SPA 500 Series Phones

To provision the SPA 500 series phones you must download firmware 7.4.3 from [Cisco's download site](#). Note that Cisco requires you to create a log in account.

Once the firmware is uploaded to the phone you can select to [auto provision](#) or [manually provision](#) the phone.

Auto provisioning requires the phone to be on the same LAN as the Barracuda Phone System and requires a local DHCP server to provide option 66 to the phone. The value to provide in option 66 is x.x.x.x where x.x.x.x is the IP address of the Barracuda Phone System.

Use the following steps to manually provision the phone:

1. Point browser to `http://x.x.x.x` where x.x.x.x is the phone's IP address.
2. At the top of the page, click **Admin Login**, and then click **advanced**.
3. Click the **Provisioning** tab, and enter the provisioning URL `http://x.x.x.x/provision/` where x.x.x.x is the Barracuda Phone System IP address, in the **Profile Rule** field.
4. Click **Submit All Changes**. Allow the phone to reboot. Note that the phone may reboot twice.
5. The phone connects to the Barracuda Phone System and receives a temporary extension number. Assign the phone to a user as needed.

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## Provision SPA 3102 and SPA 8800 Phones

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The SPA 3102 (1 FXO, 1 FXS) and SPA 8800 (4 FXO, 4 FXS) devices can be either automatically or manually provisioned.

Auto provisioning requires a DHCP server to provide option 66 to the phone. The value to provide in option 66 is x.x.x.x where x.x.x.x is the IP address of the Barracuda Phone System.

Use the following steps to manually provision the phone:

1. Point browser to `http://x.x.x.x` where x.x.x.x is the phone's IP address.
2. At the top of the page, click **Admin Login**, and then click **advanced**.
3. Click the **Provisioning** tab, and enter the provisioning URL `http://x.x.x.x/provision/` where x.x.x.x is the Barracuda Phone System IP address, in the **Profile Rule** field.
4. Click **Submit All Changes**. Allow the phone to reboot.
5. The phone connects to the Barracuda Phone System. The SPA 3102 appears with one phone (FXS) and one service provider entry (FXO). The SPA 8800 appears as four phones (FXS) and four service provider entries (FXO).

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## Provision SPA 900 Series, SPA 112/122, and PAP2T Phones

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Linksys phones and the PAP2T (2 FXS) ATA can be provisioned automatically or manually.

Auto provisioning requires a DHCP server to provide option 66 to the phone. The value to provide in option 66 is x.x.x.x where x.x.x.x is the IP address of the Barracuda Phone System.

Use the following steps to manually provision the phone:

1. Point browser to `http://x.x.x.x` where x.x.x.x is the phone's IP address.
2. At the top of the page, click **Admin Login**, and then click **advanced**.
3. Click the **Provisioning** tab, and enter the provisioning URL `http://x.x.x.x/provision/` where x.x.x.x is the Barracuda Phone System IP address, in the **Profile Rule** field.

4. Click **Submit All Changes**. Allow the phone to reboot.
5. The phone connects to the Barracuda Phone System. The SPA 942 and 962 appear as a single phone. The PAP2T appears as two phones.

### **Provision Cisco 7900 Series Phones**

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Cisco 7900 series phones have very specific requirements in order to work with the Barracuda Phone System. Use the direction in the [Cisco 7900 Series - Tech Bulletin](#) available on the Barracuda Phone System support page to manually provision Cisco 7900 series phones.

You can upload Cisco Firmware to the Barracuda Phone System on the **Configuration > Phones** page, in the **Cisco Firmware Upload** section.

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