

Cisco Aironet 1100 Basic Setup lab

Setting the Access Point to default configuration

1. Power off the AP, power on the AP holding down the “mode” button until status LED turns to red.

Default Settings

The following table lists the access point's default settings.

Setting	Default
System Name	ap
Configuration Server Protocol	DHCP1
IP Address	See note 1
IP Subnet Mask	255.0.0.0
Default Gateway	0.0.0.0
Radio Service Set ID (SSID)	tsunami
Broadcast SSID in Beacon	Yes
Role in Radio Network	Access point (root)
Optimize Radio Network for	Throughput
Aironet Extensions	Enable
SNMP Community	defaultCommunity

1. If no DHCP server is available, the default IP address is 10.0.0.1

Configuring the Access Point

1. Connect the AP and the Linux machine (use UTP cables and a hub)
2. You can browse to the access point's Express Setup page and perform an initial configuration. Follow these steps.
 1. Open your Internet browser on your Linux machine
 2. Enter the access point's IP address in the browser address line
 3. The Username is blank and password is “Cisco”. The Summary Status page appears.
3. Click **Express Setup**

Enter the configuration settings

- a) **System Name** - The system name provides an identifier for the access point
- b) **IP address** – Give AP an IP address 10.0.x.1, where x is your table row number
- c) **Subnet Mask** – Use 255.255.255.0

d) SNMPCommunity – Use whatever you like

4. Click **Express Security**

a) **SSID** – Think up a name yourself (write it down)

Broadcast SSID in Beacon—Use this setting to allow devices that do not specify an SSID to associate with the access point.

b) Security – use “No Security” at this time :)

5. Turn the AP's Transmitter Power (mW) to the minimum

Hint! You can find it in the **Network Interfaces** menu

6. From the **Security** menu change the default passwords to something new

7. You can leave everything else in the default settings

8. Examine the Wireless Client Card configuration on the Windows machine

9. Try to connect to your wireless from the Windows machine

10. Look if you can see the Windows machine from your AP. On the web menu, select **Associations**

11. Configure your Windows machine's wireless card with proper IP address

12. Ping the AP from your Windows machine

13. If the ping is successful you are done!

Now you have time to play with the equipment, examine the menus and see what this AP can really do.