

Cisco/Linksys E 1000

You will first need to access your Linksys E1000's internal setup page.

- Open a web browser such as **Internet Explorer** or **Safari** if you are on a Mac.
- In your browser's address bar, enter the IP address "**192.168.1.1**" and then press the **Enter** key. **NOTE:** If the IP address of the router has been changed, please enter the current IP address instead.

When the router's web-based setup page appears, click the **Wireless** tab and make sure you then have the **Basic Wireless Settings** sub-tab selected. The following are the recommended settings for a basic wireless setup.

- **Configuration View:** Manual
- **Network Mode:** Mixed (This will allow you to connect B, G, and N wireless devices to your router. If you know you will only be connecting N devices, you can select the Wireless-N Only option.)
- **Network Name (SSID):** This will be the name of your wireless network you see when connecting wireless devices. Name it something you will recognize easily.
- **Channel Width:** 20MHz or Auto
- **SSID Broadcast:** Enabled will allow you to see your wireless network name when connecting other devices. Disabled will hide your wireless network name. If you Disable Broadcast, you will need to remember and manually enter your wireless network name when connecting devices. It is recommended that you leave it on.
- Click **Save Settings** when you are finished making changes

Setting up Wireless Security

Now that you've setup your wireless network, you will want to secure it so that you can control who has access to your internet connection and to computers on your network. It is **HIGHLY** recommended that you setup Wireless Security on your wireless network.

- Click on the Wireless Tab
- Select the Wireless Security sub-tab

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You will have several options for the different

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methods of security you can select. Many of these are older formats that are provided for backwards compatibility. The current standard for a home network is WPA2 Personal. However, some older wireless devices/laptops may not support WPA2. That is why the older formats are still available.

WEP – WEP is an older security format for wireless connections. Setting up WEP security will only allow your router to run in Wireless G or B mode. To select WEP:

- Security Mode: Click the down arrow next to Security Mode and select WEP.
- Encryption: 40 / 64-bit (10 hex digits) is recommended
- Passphrase: Enter your choice for password and then click the Generate button
- Key 1: The router will automatically generate a key for you when you click the Generate button. You will need to remember this number if you want to connect to the router with a wireless device.
- Click Save Settings

WPA – WPA, like WEP, is an older security method that will only allow your router to run in Wireless-G or B mode. However, WPA is compatible with more recent wireless devices and is more secure than WEP.

Configuration for WPA is simple.

- Security Mode – Select WPA Personal
- Passphrase – Put in the password you would like to use. You will need to remember this password to connect to your wireless network.
- Click Save Settings

WPA2 Personal or WPA2/WPA Mixed-Mode (RECOMMENDED) – WPA2 mode is the latest and most secure mode in wireless security and is the recommended mode for your router. WPA2/WPA Mixed-Mode allows you to connect both Wireless-G and Wireless-N devices securely to your router. The setup is the same for whichever you select

- Security Mode – WPA2 Personal or WPA2/WPA mixed-mode
- Passphrase – Put in the password you would like to use. You will need to remember this password to connect to your wireless network.
- Click Save Settings