How to protect my wireless network using the MAC filter

This FAQ applies to the following models:
All series of the Edimax wireless access point or router.

Introduction:
There are plenty of methods for protecting the wireless network, so that the neighboring wireless PCs can not steal into your network without permission. In this guide, We will show you one of these methods, called as “MAC filter”.

Every wireless card has a special ID, named as MAC address. This MAC address is unique and will not be the same to any other wireless card, just as your personal ID belongs to you only. If there is a way to instruct the wireless router (or wireless AP) to allow that MAC address of your wireless card only, while prohibiting all others, then your wireless network will know your wireless PC only, denying all other unwelcome visitors (other unknown wireless PC). As illustrated in the Figure-1, The Edimax wireless router will maintain a “Welcome List”, controlling who is welcome and who is not based on the MAC address in this list.

The following will show you how to do this step by step:
Step by Step:

Step 1: Find out the MAC address of wireless card.
(a). Click on Start and select Run.
(b). Type cmd then click OK.
(c). From the Command Prompt, enter ipconfig /all. It will return you with the MAC address under the “Ethernet adapter Wireless Network Connection / Physical Address”. Write down this address. We will use this MAC address later on. In this example, my MAC address is “00E2E67A28” (6 groups of two digits, letters and numbers).

Step 2: Log on to the router’s management web page at http://192.168.2.1, and enter the user name, password. By default, the user name is “admin”; while password is “1234”. If the password was changed, and forgotten, please reset the router for recovering the password.

Step 3: Input the MAC address of the PC-A into the following box and click “Add” button at the configuration page of “Wireless” and “Access Control”.

http://192.168.2.1
Step 4: Click "Enable Wireless Access Control" and "Apply" button.
Step 5: Click “Apply” to take the above settings into effect.

All configuration is complete. Now, only the PC-A can connect to the Edimax router wirelessly. If you have any other PC, PC-B for example, please check out the MAC address of the PC-B and do the above steps again as illustrated in the Figure-1.