

## Student Handout

**Duration:** 1 hour

### **Objectives:**

At the end of this lab students will be able to:

- a) Configure a router for MAC address filtering

### **Summary:**

This lab will be built on previous knowledge to Lab 4 (Router Configuration section). You will learn how to restrict access to specific MAC addresses.

To set up MAC address filtering, you as a WLAN administrator must configure a list of clients that will be allowed to join the network. First, obtain the MAC addresses of each client from its operating system or configuration utility. Then, they enter those addresses into a configuration screen of the wireless access point or router. Finally, switch on the filtering option.

## **Procedure**

1. Connect to the router as done in Lab 4. Navigate to the router interface.
2. Go to Wireless -> Wireless MAC Filter as shown in Figure 1
3. Click Enable to enable MAC address filtering
4. Then select **Permit** listed computers to access the wireless network.
5. Get your friends MAC address and add them to the list. (Use **ipconfig command** to find out MAC address)
6. Only the entered MAC addresses will be allowed to connect to the network.
7. Then click Save Settings.
8. Now that you have set up the MAC address filtering. Get a friend whose MAC address is not listed in your list, to try to connect to your network. Observe what happens.