

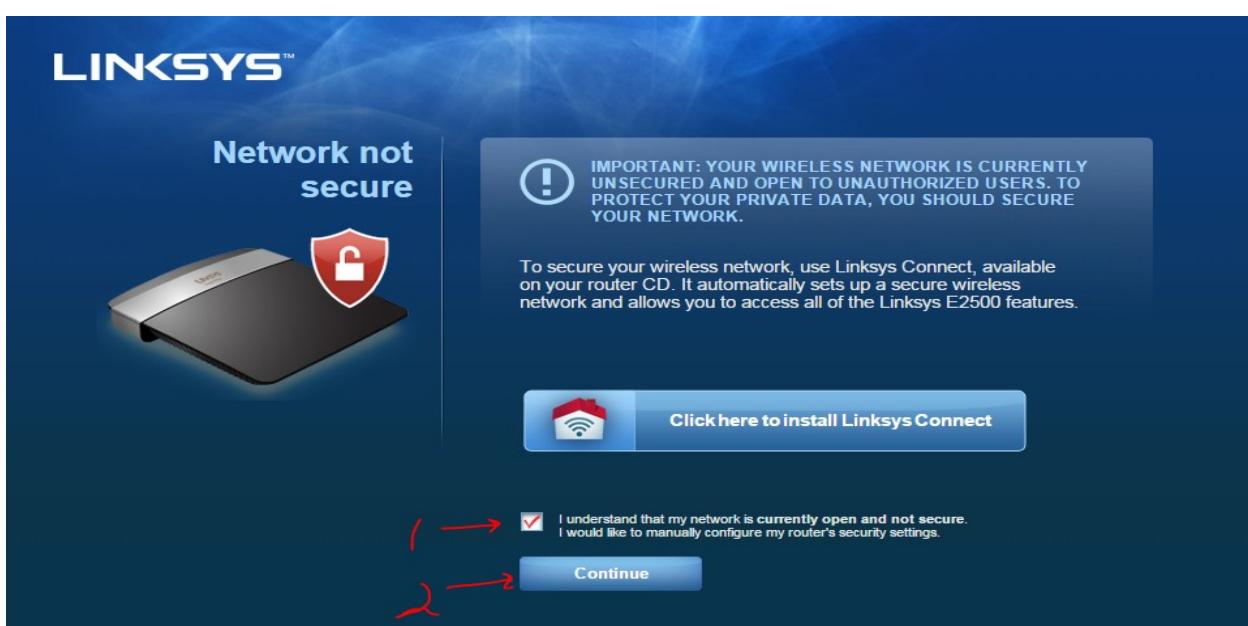
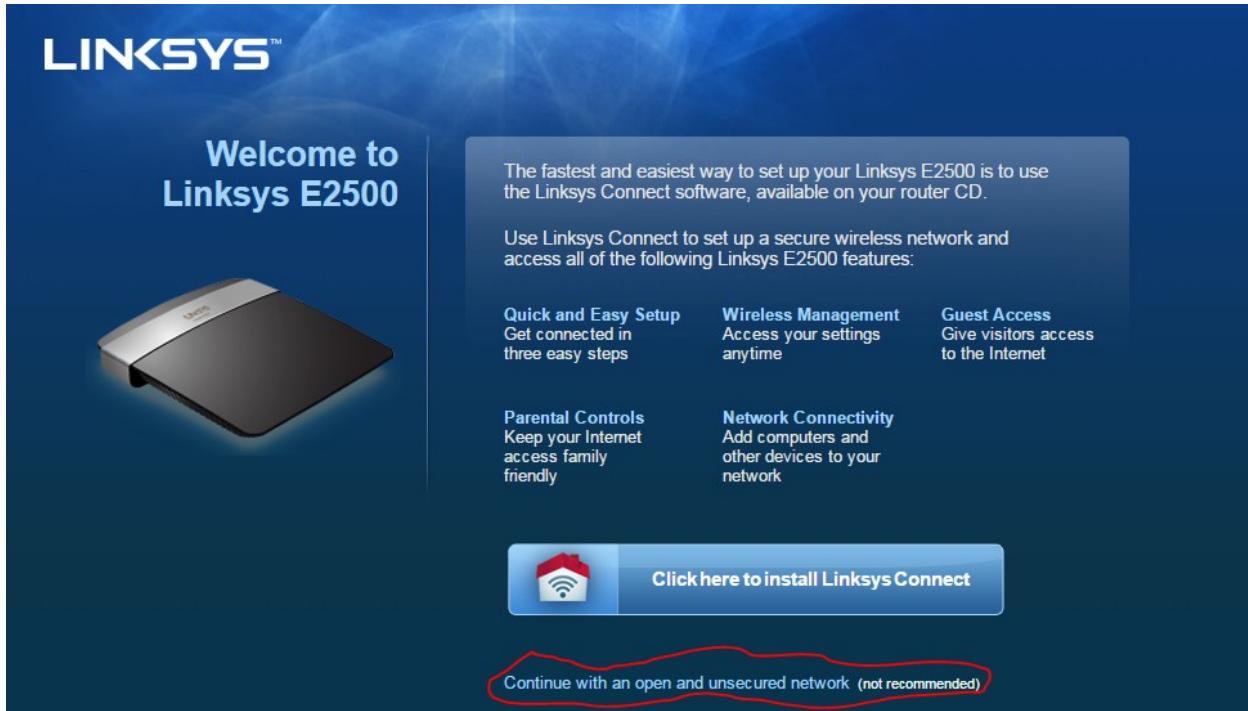
Configure “Router 1”

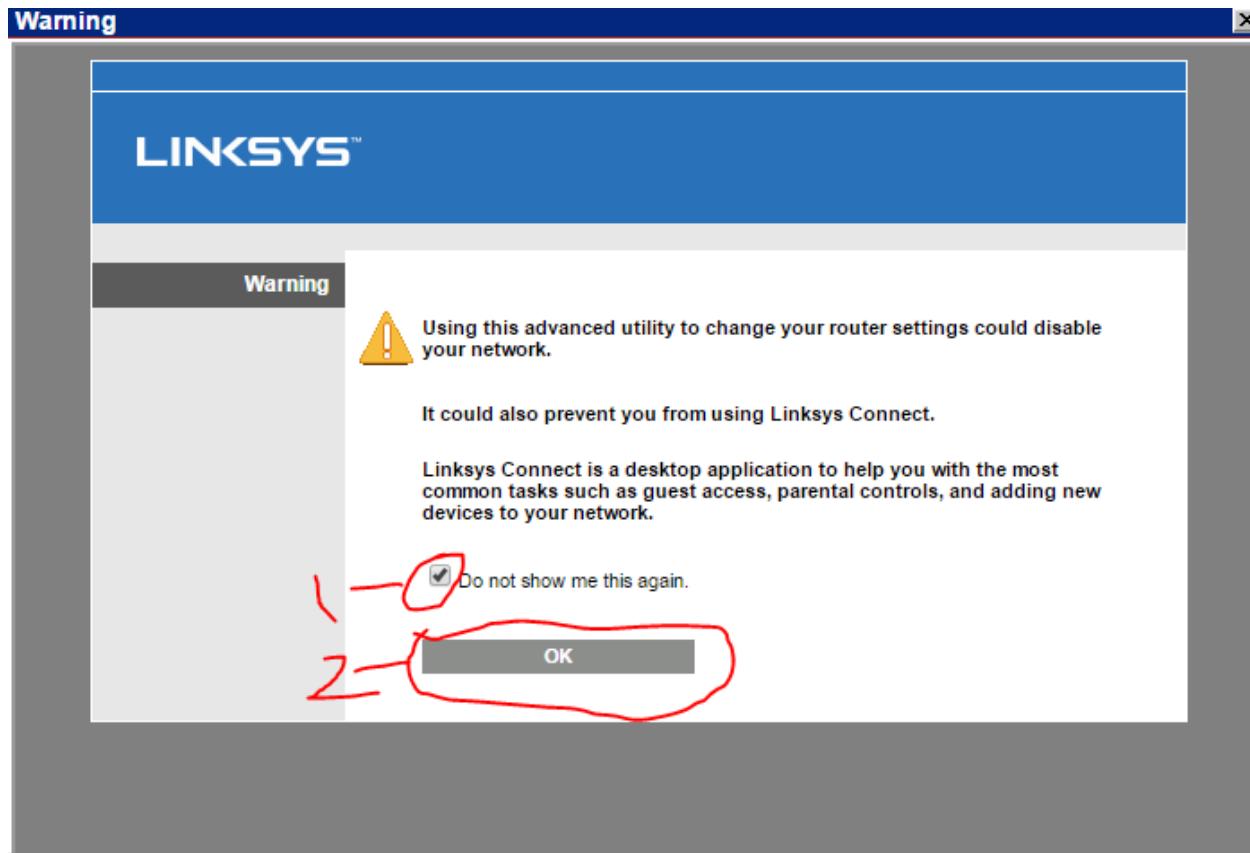
Reset to Factory Default

Reset the router to factory defaults.

Connect to the router’s management interface:

Type 192.168.1.1 in your browser’s address bar.

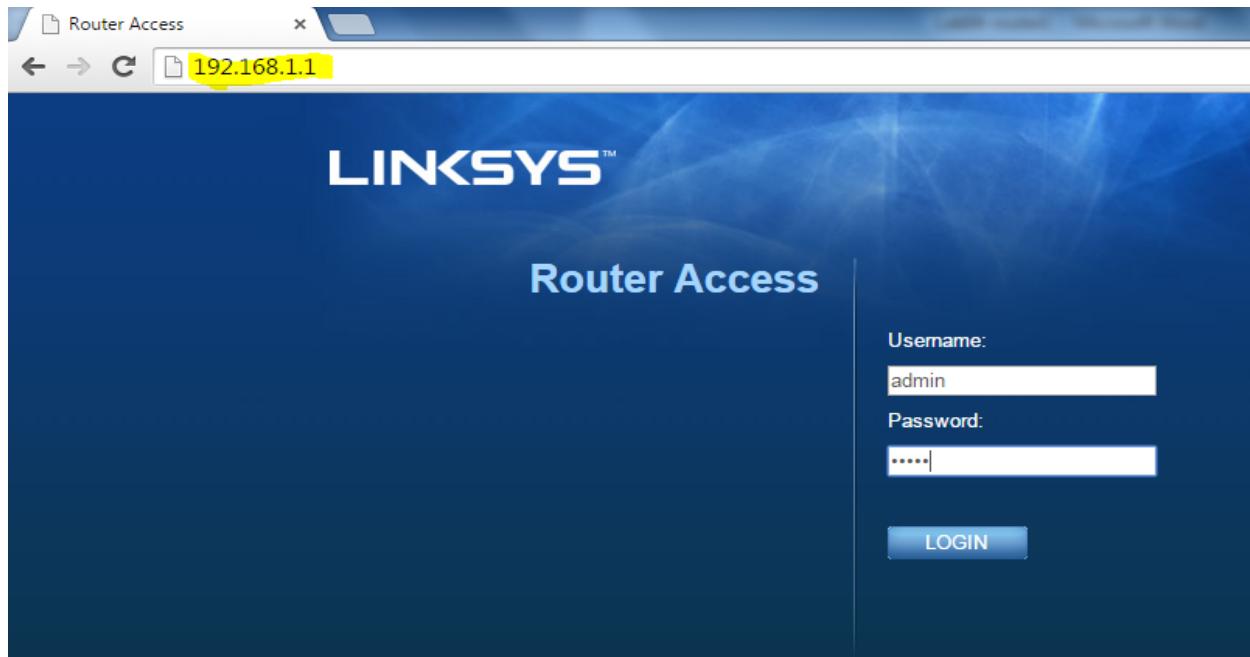




Login to the router's management interface:

Username: admin

Password: admin



Configure Router IP Addresses

The screenshot shows the Linksys E1200 router's configuration interface. The top navigation bar includes tabs for Setup, Wireless, Security, Storage, Access Policy, Applications & Gaming, Admin, and Help. The Setup tab is selected. The main left sidebar has sections for Language (selected English), Internet Setup (selected Static IP), and Network Setup (Router Address). The Internet Setup section contains fields for Internet IP Address (10.10.10.1), Subnet Mask (255.255.255.252), Default Gateway (10.10.10.2), DNS 1 (10.10.10.2), DNS 2 (Optional) (0.0.0.0), and DNS 3 (Optional) (0.0.0.0). The Network Setup section shows Router Address (IP Address: 192.168.10.1, Subnet Mask: 255.255.255.0, Router Name: Linksys21042). Handwritten annotations include:

- Annotation 1: A bracket above the Language dropdown.
- Annotation 2: A bracket above the Internet Connection Type dropdown.
- Annotation 3: A bracket grouping the IP address, subnet mask, and gateway fields.
- Annotation 4: A bracket grouping the MTU and Size fields.

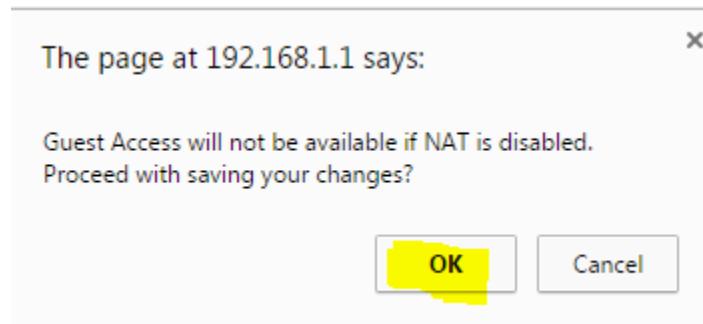
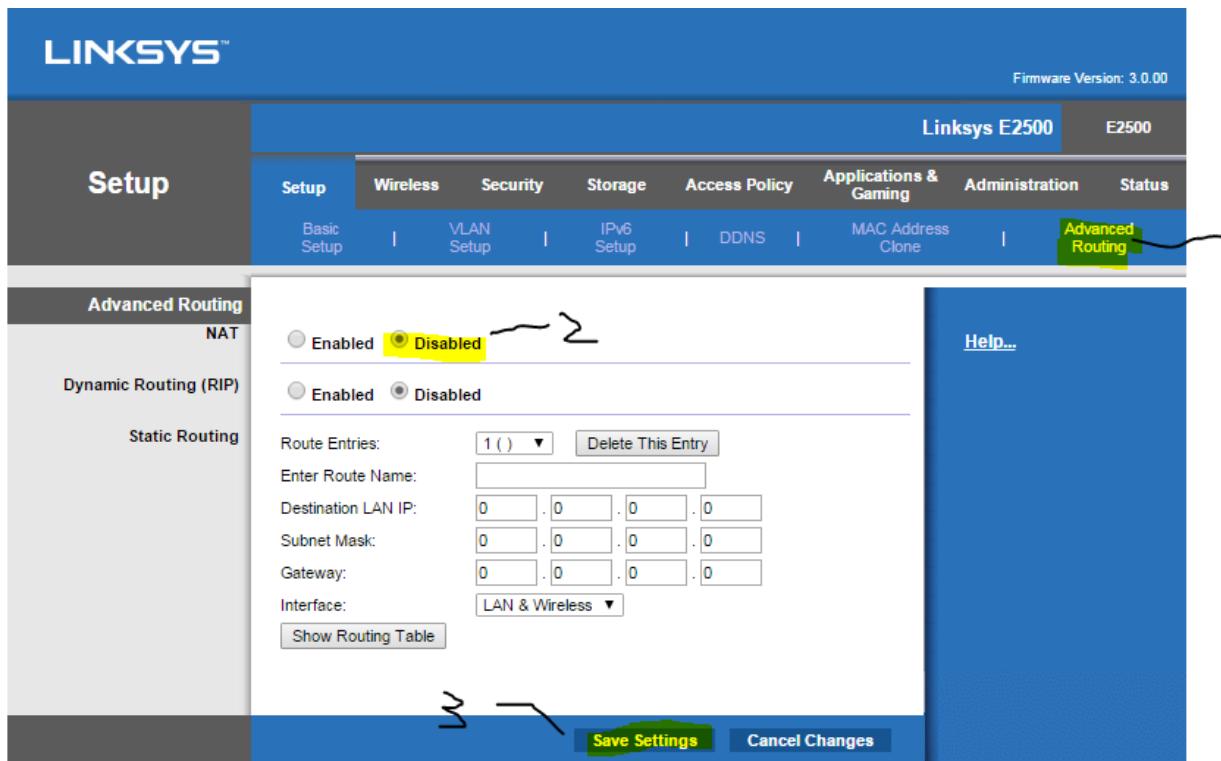
The screenshot shows the Reboot page. It features a central 'Reboot' button and a blue footer bar with 'Save Settings' and 'Cancel Changes' buttons. Handwritten annotation 5 points to the 'Save Settings' button.

**Your settings have been successfully saved.
A system reboot is in progress and may take up to 60 seconds.**

Continue

Wait for the router to reboot, and then reconnect to the router's new IP address @192.168.10.1

Disable NAT

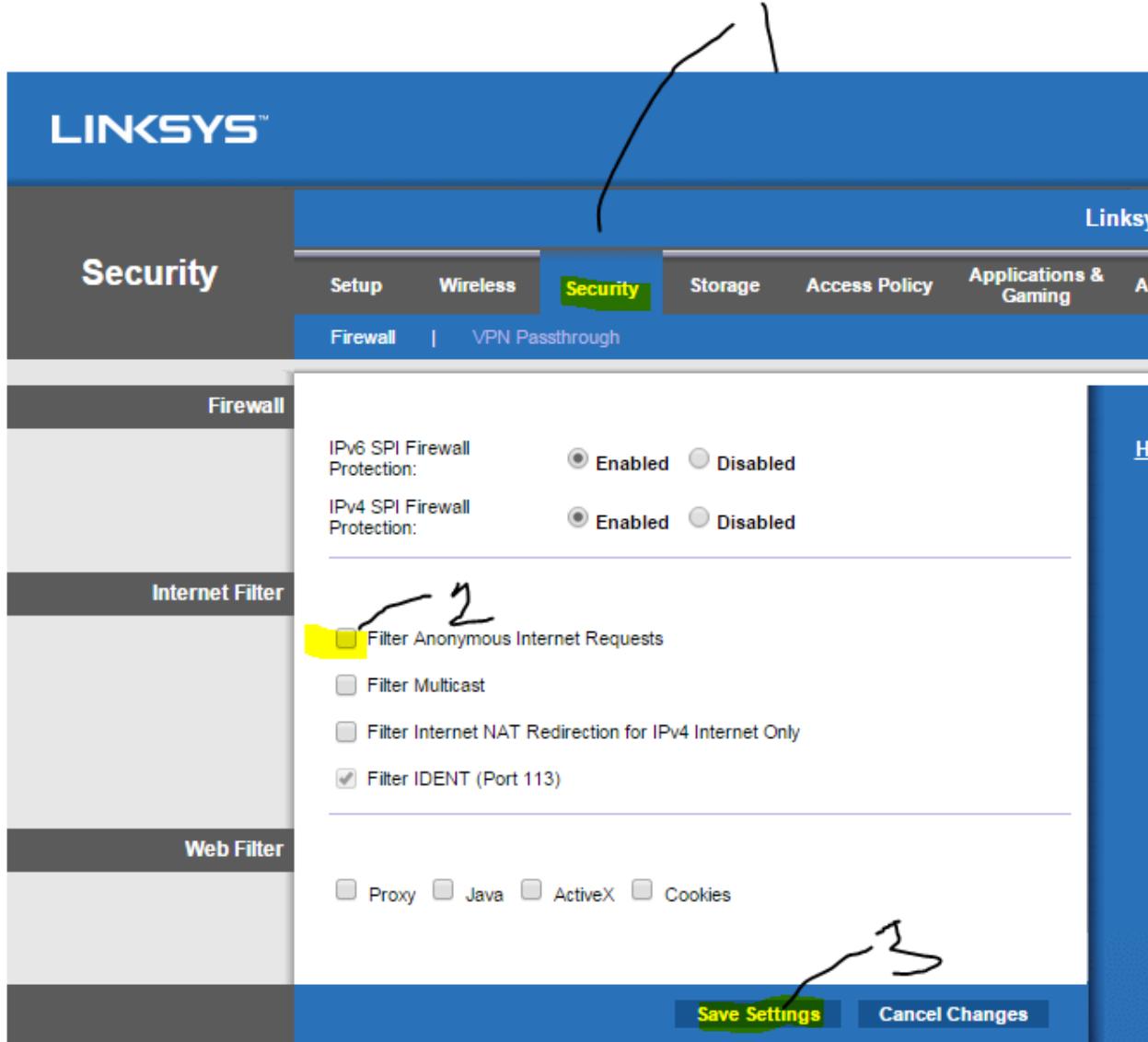


**Your settings have been successfully saved.
A system reboot is in progress and may take up to 60 seconds.**

Continue

Wait for the router to reboot, and then reconnect to the router's new IP address @192.168.10.1

Allow anonymous internet request



Your settings have been successfully saved.

[Continue](#)

Network Connectivity Tests

- Local Connectivity Tests
 - ping 192.168.10.1
 - ping 10.10.10.1

Wait for your partner to complete her/his router configuration before performing remote connectivity tests.

- Remote Connectivity Tests
 - ping 10.10.10.2
 - ping 192.168.20.1

You cannot proceed until both local and remote connectivity tests have succeeded.

Record your laptop's IP and MAC addresses on the network topology diagram.

Record your router's MAC address on your network topology diagram.

Record your partner's laptop IP and MAC addresses on your network topology diagram.

Record your partner's router MAC address on your network topology diagram.

Identify each laptop's role – one is a webserver and the other a web client.

Return to the Task1 step 8 of the “Lab04 – InLab Activities” document.