

1 Teaching Assistant Selections

Use the BEFW11S4 router provided by Bro Colton via the TA.

The teaching assistant (TA) should randomly select values for the following items. Write the values selected in the blanks below.

- (1) _____ Specify a LAN network number (third quad) between 2 and 255.
- (2) _____ Specify the Router Inside IP Address (last quad) between 2 and 99.
- (3) _____ Specify an Administrative Password to be used.
- (4) _____ Specify a Wi-Fi Password to be used (8+ chars).
- (5) _____ Specify a Wi-Fi SSID to be used.
- (6) _____ Specify a Wi-Fi Channel (1-11) to be used. (Not 6.)

2 Router Configuration

Use a laptop provided by the student, or a computer provided by the TA. The student demonstrates each item to the TA, or the TA verifies the item. The TA should initial the blank at the start of the line. When all items are verified, the TA should sign below. Where (1) through (6) are mentioned, replace them by the values specified above.

_____ (1a) Reset the router. Prove that this was done by showing the router configuration.

Call for the TA to verify the item above.

_____ (2a) Set the router network to 192.168.(1).0.

_____ (2b) Set the router internal IP address to 192.168.(1).(2).

_____ (2c) Set the administrative password to the value (3) shown above.

_____ (2d) Set the Wi-Fi password to the value (4) shown above.

_____ (2e) Set the Wi-Fi SSID to the value (5) shown above.

_____ (2f) Set the Wi-Fi channel to the value (6) shown above.

_____ (2g) Activate Logging.

Call for the TA to verify the items above and below.

_____ (3a) Demonstrate that the laptop has an IP address issued by the router.

_____ (3b) Demonstrate that the laptop is connecting through the router to the Internet, and that several different web sites can be visited successfully.

_____ (3c) Demonstrate that Logging has occurred.

TA certifies that the lab was completed. Student or TA returns the form to the instructor.

_____ TA Signature

_____ TA Name

_____ Date