

Section 5 wireless network security worksheet

In this exercise we are going to secure our wireless point-to-point link with a wpa-2 shared key...

It is important to configure the remote end of the link (.x2) rather than the near end first.

Configure a network interface on one of your systems to be 192.168.1.8x where x is your group number.

Connect with a web- browser to both your 192.168.1.x1 (near) and 192.168.1.x2 (far) accesspoints.

Far AP (.x2)

It is important to configure the far AP prior to configuring the near one, otherwise you won't be able to reach the far one.

select the link setup tab.

In the field labeled Lock to AP MAC enter the mac address of the near AP. The wlan mac address on the near ap (.x1) can be found on the main screen labeled wlan mac

hit the change button.

In wireless security in the link setup tab select:

wpa2-tkip

enter a wpa2 preshared key

trainingxxxx

where x each x is your group number

click change...

Once the changes have been made select apply

When the ap reboots you won't be able to reach it.

Verify this by pinging.

On the near ap (.x1)

select **link setup**

for wireless security select wpa2-tkip

for the preshared key put trainingxxxx

click change

then apply.

The remote ap should become reachable again.

Then select mac acl enable

select policy type allow

Then put the wlan mac address for .x2 (far) in the field

then select add