

Laboratory Exercise 2

Wireless Topology and WLAN Security: WLAN Bridge, WLAN with VLAN

Laboratory Exercises

Configuring Workgroup Bridge

WLAN with VLAN

Lab preparation:

Describe short the functions of the:

Service sets: BSS, ESS, IBSS, Roaming , Access Point , Wireless Bridge , Access Points Mode and Wireless Bridge Bridge Mode : Root-Mode, Non-root Mode, Access Point Mode, Repeater Mode, SSID and VLAN, WLAN Security (WEP, EAP, 802.1x, EAP, WPA, WPA2, TKIP)

Recommended reading:

CWNA Certified Wireless Network Administrator Official Study Guide: Exam PW0-104, 1st Edition David D. Coleman, David A. Westcott

Chapter 10: Wireless Devices

Chapter 11: WLAN Deployment

Chapter 13: 802.11 Network Security Architecture

Chapter 14: Wireless Attacks, Intrusion Monitoring and Policy