Course 4: WiFi Mesh Networks (OpenCAPWAP)

1. What is WiFi Mesh Networks?

2. What’s are the differences of operational architectures: Split MAC(SM) and Local MAC(LM) of CAPWAP protocol?

3. Try to explain how to perform the distribution integration, and association (especially for the mobility) operations if using Split MAC of CAPWAP protocol?

Course 5: IEEE 802.11ax (WiFi 6)

1. What is Power efficiency of 802.11ax?

Course 6 IEEE 802.11be (WiFi 7)

1. What is PHY Enhancements for EHT of IEEE 802.11be?

2. What is Multi-Link Operatinos and Mulit-Link Transmission of IEEE 802.11be?

3. What is Mulit-AP coordination of IEEE 802.11be?

4. What is Low Latency Reliable Service (LLRS) Definition and Operation of IEEE 802.11be?

Course 7 Broadcast Storm

1. What’s the broadcast storm problem?

2. How to reduce the braodcast storm problem?

Course 8: IEEE 802.11ba

1. Why TWT has a signficant drawback to 802.11ax to need 802.11ba for massive IoT?

2. What is Wakp-Up Procedure of 802.11ba to wake up STA from WUR mode to PCR mode, and draw a figure explain the detailed wake-up operations?