



Wireless Adjuster Program | 105 Muirfield Way, Carrollton, GA 30116, USA

Wireless Adjuster Exam Objectives

1. Knowledge of the IEEE 802.11 Protocol

- A. Decoding beacons and probe response frames
- B. Common 802.11 amendments (802.11d/e/h/i/k/r/v/w)
- C. Security and roaming protocols
- D. QoS and power-save parameters and protocols
- E. 802.11 PHY layers (802.11/a/b/g/n/ac/ax)

2. Knowledge of WLAN Configuration Best Practices

- A. Channels, widths, and utilization
- B. SSIDs, beacons, probe requests & responses, and data rates
- C. MIMO, SISO, guard intervals, and spatial streams
- D. Interference, DFS, AutoRF, and protection
- E. RSSI, Noise Floor, SNR, and SINR

3. Use of a WLAN Scanner in Assessing a Network

- A. When use of a WLAN scanner is appropriate
- B. Capabilities and output of Wi-Fi Scanners
- C. Sorting and filtering
- D. WLAN Scanner capturing (local, remote, and modes)
- E. WLAN Scanner integration with other tools

4. User Experience

- A. Expectations and Consistency
- B. Applications, airtime, and channel consumption
- C. Standard and high density
- D. Roaming (sticky, cross-band, MBRs)
- E. Multi-vendor RF environments

5. Knowledge of WLAN Troubleshooting Domains and Assessment/Adjustment Process

- A. Connectivity
- B. Security
- C. Performance
- D. Triage / Assessment
- E. Remediation / Adjustment