

Certified Wireless Analysis Professional (CWAP)



Online Course

ZETLAN TECHNOLOGIES
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Course Modules

1. Physical Layer

- PLCP and PMD Sub-layers
- PLCP header fields and subfields

2. DCF Mode

- Interframe Spacing
- Backoff Algorithms
- Frame exchange processes

3. DCF Mode

- Media access rules
- Frame exchange processes

MAC Frame Fields and Subfields

4. MAC Layer Addressing

- BSS
- ESS
- WDS



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5.Wired Connectivity Standards for Access Points and Bridges

- 802.1h
- RFC1042

6.Using Wireless LAN Protocol Analysers

- Performance Analysis
- Security Analysis
- Distributed Analysis
- Protocol decode Analysis
- Site Surveying
- Application Analysis

7.Use of 802.11 Series of Standards Terminology

- MPDU
- MMPDU
- MSDU
- PPDU
- PSDU



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Hands-on-Labs

8. WildPackets

- AiroPeek NX - Introduction
- AiroPeek NX - Intermediate
- WildPackets iNetTools
- AiroPeek NX - Performance and Security Analysis
- AiroPeek NX - Distributed Analysis with RFGrabber

9. Network Instruments

- Observer - Introduction
- Observer - Intermediate
- Observer - Integrated Network Analysis Tools
- Observer - Distributed Analysis with Advanced Multiprobes
- Observer - Performance Analysis

10. AirMagnet

- AirMagnet Trio - Introduction
- AirMagnet Trio - Intermediate
- AirMagnet Trio - Integrated Networking Tools
- AirMagnet Trio/Reporter - Performance and Security Analysis
- AirMagnet Distributed with Hardware Sensors



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11. TamoSoft

- CommView for WiFi – Introduction
- CommView for WiFi – Intermediate
- Essential NetTools
- CommView for WiFi – Performance and Security Analysis

12. Network Chemistry

- Intrusion Protection System with Neutrino Sensors
- Packet Capture with Packetyzer
- Fusion Management Application

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in terms of time management,
flexibility, and the ability
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