Enterprise Wi-Fi Analysis & Troubleshooting - CWAP Certification

ID CWAP **Price** CHF 2,590.—(excl. VAT) **Duration** 4 days

Who should attend

This intensive, 4 day course is intended for network and system administrators, consultants and engineers that need to support Wireless LAN deployments. It also is a great course for network analysts and architects.

This course is part of the following Certifications

Certified Wireless Analysis Professional (CWAP)

Prerequisites

You will need to have your CWNA (or the equivalent in experience and knowledge) before attending the Enterprise Wi-Fi Analysis & Troubleshooting - CWAP Certification Course.

Note that CWAP Certification does require that the candidate pass the CWNA certification exam (PW0-104) as well as the CWAP certification exam (PW0-270) in order to achieve certified status.

Course Objectives

During class, you will develop skills and knowledge on the following objectives:

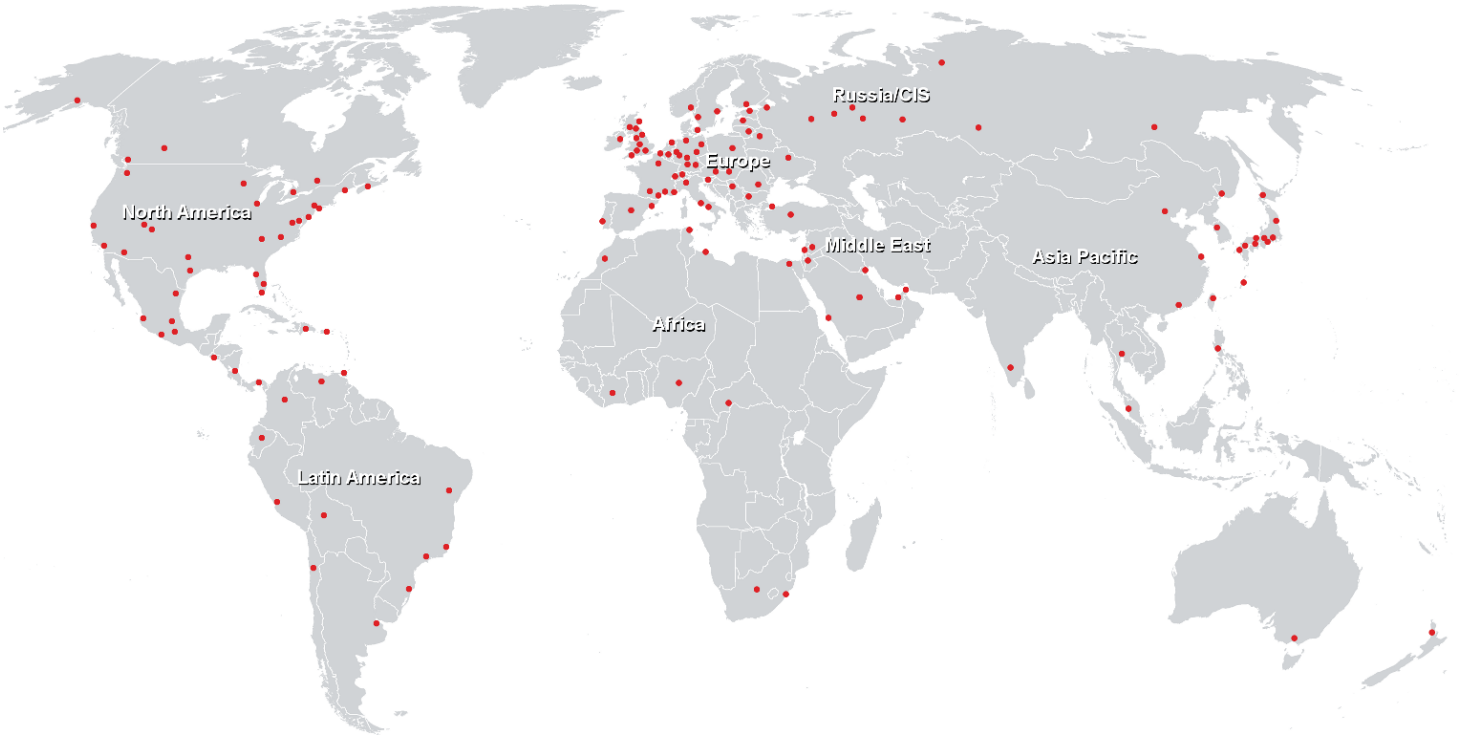
- Principles of WLAN Communication
- Physical (PHY) and MAC Layer Formats and Technologies
- Protocol Operation
- 802.11n
- Protocol Analysis Tools and Methodology
- Spectrum Analysis Tools and Methodology

Course Content

The CWAP Wireless LAN Analysis course consists of hands-on learning using the latest enterprise wireless LAN analysis and troubleshooting tools. This course takes an in-depth look at the functionality of WLANs, intended operation of the 802.11 protocol and Wi-Fi Alliance specifications, WLAN frame formatting and structure, troubleshooting methodology, and protocol analysis. It also includes extensive training in modern spectrum analysis with a focus on advanced RF behavior analysis, data collection methods, interpreting spectrum plots and charts, and understanding advanced features of WLAN spectrum analyzers. Students who complete the course will acquire the necessary skills for analyzing, assessing, and troubleshooting wireless operation in the enterprise, utilizing hardware and software solutions from the industry's leading manufacturers. This course is excellent preparation for the challenging CWAP Certification, and includes practice exams and "Exam Cram" sessions (Exam Number: PW0-270). It is also very hands-on intensive, roughly 50% hands-on, with lots of time to get your hands on real equipment to perform actual Wi-Fi Analysis work.

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Training Centres worldwide





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