

IUWVN

Implementing Cisco Unified Wireless Voice Networks



In this course, students learn to integrate VoWLAN services into the WLAN with a focus on Quality of service. In hands-on labs, QoS will be configured on a controller, and end-to-end QoS on a router. Participants will capture and analyze QoS parameters as well as manage the WLAN from the WCS and verify the network infrastructure. Wireless security, the creation of a video WLAN and multicasting are also topics of this course. This course prepares for the exam 642-741, which is part of the CCNP Wireless Certification.

Course Contents

- General considerations for wired and wireless QoS
- Configure the WLC and WCS for QoS
- Configure the wired infrastructure for QoS
- Voice over Wireless LAN Architecture
- Evolution of voice architecture
- VoWLAN call flow
- WLAN design for voice
- Verification of voice readiness
- Hardware and software requirements for VoIP
- WLAN configuration for voice
- Infrastructure and WLAN phone configuration
- Troubleshoot VoWLANs
- Implications of multicast for wireless networks
- Configuration and troubleshooting of multicast in wireless networks
- Prepare the Wireless Network for Video and High Bandwidth Applications
- Implement QoS for latency-sensitive applications
- Calculate bandwidth requirements and configure the wireless network for video applications

Knowledge Prerequisites

Students need a working knowledge of Cisco IOS and WLAN. Those wishing to achieve the CCNP Wireless certification need a valid CCNA Wireless certification.



Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.experteach-benelux.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +31 (0)76 52 32 950.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



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5 days €2,695 exclusive of V.A.T.

Course date (dd.mm.yy)/Location

27.09.-01.10.10 Breda 01.11.-05.11.10 Brussels

Up-to-date information: www.experteach-benelux.com IUWV



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