ITTcert
BY ORSYS

Course : Implementing Cisco Enterprise Wireless Networks (ENWLSI) v2.0

Official course, exam preparation 300-430 ENWLSI

Practical course - 5d - 35h00 - Ref. XKW
Price : 4040 € E.T.

With this training course, you'll learn how to implement a secure wireless infrastructure and solve the associated problems. You'll use Cisco ISE, Prime Infrastructure, DNA Center, Spaces and CMX to monitor and troubleshoot the network.

Teaching objectives

At the end of the training, the participant will be able to:

- Secure wireless infrastructure and control access to access points with 802.1X and Cisco ISE
- Monitoring and troubleshooting Wi-Fi networks with Cisco WLC, DNA Center, Prime Infrastructure and CMX
- Implement AAA security on Cisco WLC and ISE, with centralized and guest authentication
- Deploy FlexConnect, manage identity, split tunneling and AAA services
- Design and manage guest access, centralized web portal and associated services
- Manage BYOD: onboarding, ISE configuration, connectivity monitoring and troubleshooting
- Improve customer performance: coverage, capacity, throughput and transfer rates
- Implementing and optimizing QoS for voice/video with Fastlane, WMM and Aire Time Fairness
- Deploy and configure multicast, mDNS, Cisco Media Stream and Cisco AVC services
- Implement location services with Cisco Spaces, CMX and their integration with DNA Center

PARTICIPANTS
Ingénieurs et techniciens sans fil, ingénieurs sécurité, ingénieurs test, commerciaux, designers, admins, chefs de projet et managers réseau.

PREREQUISITES
Knowledge equivalent to WLFNDU, CCNA and ENCOR training.

TRAINER QUALIFICATIONS
The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Intended audience

Ingénieurs et techniciens sans fil, ingénieurs sécurité, ingénieurs test, commerciaux, designers, admins, chefs de projet et managers réseau.

Prerequisites

Knowledge equivalent to WLFNDU, CCNA and ENCOR training.

Practical details

Teaching methods

Training in French (or English on request). Official course material in English.

Course schedule

1 Official program

- Secure the wireless network infrastructure.
- Monitor and troubleshoot the wireless network.
- Monitor wireless networks with Cisco Prime Infrastructure.
- Monitor your wireless network with Cisco DNA Center.
- Implement 802.1X authentication.
- Configure Cisco FlexConnect.
- Implement guest access.
- Monitor and troubleshoot customer connectivity.
- Implement QoS in the wireless network.
- Implement Cisco AVC in wireless networks.
- Implement multicast services.
- Diagnose QoS problems.
- Deploy Cisco Spaces and Cisco CMX.
- Implement localization services.
- Monitor your wireless network with Cisco Spaces and Cisco CMX.

2 Official practical work

- Getting to grips with the Lab (Base Learning Lab).
- Secure access to wireless equipment.
- Supervision with Cisco Prime and Cisco DNA Center.
- Configure AAA services (access and authentication).
- Guest services and BYOD.
- Customer authentication analysis.
- Quality of service and application visibility.

Options

Certification : 320 € HT

To obtain Cisco Certified Network Professional Enterprise (CCNP Enterprise) certification, you need to pass exam 350-401 ENCOR and one of the following exams (your choice): 300-410 ENARSI, 300-415 ENSDWI, 300-420 ENSLD, 300-425 ENWLSD, 300-430 ENWLSI, 300-440 ENCC, 300-445 ENNA.
Comment passer votre examen ?

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.