

IUWMS

Implementing Cisco Unified Wireless Mobility Services



The focus of this course is the implementation of mobility in an enterprise WLAN. Students learn to integrate mobility services into the WLAN and troubleshoot the network. Another important point is the implementation of indoor enterprise mesh networks. This course prepares for the exam 642-746, which is part of the CCNP Wireless Certification.

Course Contents

- Design WLAN Infrastructure for mobile appliances
- Layer 2 and Layer 3 Roaming
- Designing for High Availability
- Single SSID Designs with Mobility
- Configuring WCS Controller and Access Point Templates
- WLC Auto-Provisioning
- Administrative Tasks and Reports
- Roles, Features, and Functions of WCS Navigator
- Location-based Services
- Applications of RFID, Chokepoint, and TDoA
- Configuring the Cisco 2700 Series Wireless Location Appliance and the Cisco 3300 Series Mobility Service Engine
- Managing the MSE and the Location Appliance with WCS
- Tracking Mobile Clients
- Indoor Enterprise Mesh
- Configuring WCS for an Indoor Mesh; Advanced Features
- Implement and Manage an Outdoor Enterprise Mesh
- Mobile Routing and Wireless Bridging
- Troubleshooting

Target Group

This course is suitable for consultants, planners and administrators responsible for planning and implementation of location-based services in enterprise WLANs.

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.expertech-training.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

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



IUWMS

5 days €2,590 exclusive of V.A.T.

Course date (mm/dd/yy)/Location

03/05-03/09/12	Hamburg	09/17-09/21/12	Hamburg
03/26-03/30/12	Breda	10/29-11/02/12	Frankfurt
04/23-04/27/12	Frankfurt	12/03-12/07/12	Düsseldorf
07/02-07/06/12	Düsseldorf	01/28-02/01/13	München
07/23-07/27/12	München	01/28-02/01/13	Wien
07/23-07/27/12	Wien		

Up-to-date information: www.expertech-training.com IUWM



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Cisco
Systems

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International

- 1. Design WLAN Infrastructure for Mobility**
 - 1.1. Understanding and Utilizing Recommended Design Practices
 - 1.2. Understanding Implications of Layer 2 and Layer 3 Roaming
 - 1.3. Designing for High Availability
 - 1.4. Understanding Single SSID Designs with Mobility
- 2. Implement and Manage Advanced Services with Cisco WCS and Cisco WCS Navigator**
 - 2.1. Configuring Cisco WCS Controller and Access Point Templates
 - 2.2. Configuring Cisco WCS for WLC Auto Provisioning
 - 2.3. Implementing Cisco WCS Partitioning
 - 2.4. Scheduling Wireless Access Using Cisco WCS
 - 2.5. Configuring Reports
 - 2.6. Configuring Administrative Tasks
 - 2.7. Connecting and Troubleshooting Clients
 - 2.8. Monitoring and Converting Autonomous Access Points Using Cisco WCS
 - 2.9. Understanding the Roles, Features, and Functions of Cisco WCS Navigator
- 3. Design the Wireless Network for Location**
 - 3.1. Understanding Location Techniques
 - 3.2. Understanding Deployment Requirements
 - 3.3. Understanding Applications of RFID, Chokepoint, and TDoA
- 4. Cisco Location-Based Services Implementation**
 - 4.1. Describing Mobility Services Architecture and Appliances
 - 4.2. Configuring the Cisco 2700 Series Wireless Location Appliance and the Cisco
 - 4.3. Integrating and Managing the Cisco 3300 Series MSE and Cisco 2700 Series
 - 4.4. Configuring and Tuning Location
 - 4.5. Introducing Wireless Networks and Topologies
 - 4.6. Configuring, Generating, and Interpreting Location and Event Notifications
 - 4.7. Integrating Third-Party Applications
 - 4.8. Maintaining the Cisco 2700 Series Wireless Location Appliance and Cisco 3300
 - 4.9. Troubleshooting Location
- 5. Implement and Manage an Enterprise Mesh Network**
 - 5.1. Describing Indoor Enterprise Mesh
 - 5.2. Describing Mesh Formation
 - 5.3. Implementing an Enterprise Mesh
 - 5.4. Configuring Enterprise Mesh Advanced features
 - 5.5. Configuring Cisco WCS for an Indoor Mesh
 - 5.6. Troubleshooting Indoor Mesh
- 6. Describe Outdoor Wireless**
 - 6.1. Describing Mobile Routing
 - 6.2. Describing Wireless Bridging
 - 6.3. Describing Outdoor Mesh



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