
Cisco Wireless Mesh Networks

Längd: 3 Days Kurskod: CWMN

Sammanfattning:

During this instructor-led technical course you will learn how to design, install, and maintain a wireless mesh network both as an add-on to an existing wireless LAN and as a new installation.

Målgrupp:

This course is intended for System Engineers and may also so be of benefit to internal and external Cisco sales personnel

Målsättning:

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| <ul style="list-style-type: none">■ After you complete this course you will be able to:■■ Explore how to create a mesh network■■ Review basic controller configuration and wireless LAN configuration■ | <ul style="list-style-type: none">■ Demonstrate how to install access points■■ Examine the requirements necessary for designing a wireless mesh network■■ Explore various verification and troubleshooting tools and commands |
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Förkunskaper:

Attendees should meet the following prerequisites:

- Legacy course Cisco Airespace Installation and Administration and Maintenance (CAIAM) v2 or v3
- Cisco Unified Wireless Networks ([CUWN](#)) v4
- Cisco Wireless LAN Fundamentals ([CWLFL](#))
- Cisco Wireless LAN Advanced Topics ([CWLAT](#))

Test och certifiering

Recommended preparation for exam(s):

- There are no exams associated with this course at this time
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Fortsättningskurs:

The following courses are recommended for further study:

- None recommended
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Innehåll:

Describing the Cisco Wireless Mesh Solution

- Mesh Network Overview: Components, Protocols, and Functionality
- Mesh Network Features and Applications
- LAN Controller Security and Mobility
- Access Point and Bridging Group Configurations
- Configuring the Controller, Using the GUI to Add the Access Point to the Mesh Network
- Connectivity Verification
- Cisco WCS Map and Mesh Enhancements
- Access Point Roles
- 802.11h Standard
- Selecting Antennas
- CLI Support Tools
- Identifying Other Considerations for Troubleshooting
- GUI Support Tools
- Lab 1-2: Managing the Cisco Wireless LAN Controller
- Lab 2-1: Configuring Mesh Access Points
- Lab 3-1: Cisco WCS Mesh Support: Maps and Mesh General Features
- Lab 4-1: Video (Ethernet) Bridging
- Lab 5-1: Mesh Support Tools, Backhaul Features
- Lab 5-2: Mesh Reports on Cisco WCS

Configuring a Wireless Controller

- LAN Controller Overview: Configuration Basics
- Mesh Network Features and Applications
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Wireless Mesh Design Requirements

- RF Theory
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Labs

- Lab 1-1: Cisco Wireless LAN Controller Setup
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- Mesh Network Features and Applications

Installation, Configuration, and Management of Mesh Networks

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Verification and Troubleshooting

- Validating WLAN Configurations
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Additional Information:

No further information available

Övrig information:

För mer information eller kursbokning, vänligen kontakta oss på telefon. 020-73 73 73

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