Conducting Cisco Unified Wireless Site Survey

Duration: 5 Days   Course Code: CUWSS

Overview:

The Conducting Cisco Unified Wireless Site Survey (CUWSS) course provides students with information and practice activities to prepare them to technically plan and conduct a wireless site survey. Students should be able to design the RF network and conduct a postinstallation assessment to ensure compliancy.

Target Audience:

This course is designed for:Individuals who are involved in the technical handling of Cisco platforms and solutions, performing or overseeing the implementation of a site survey for a WLAN solution. Individuals who need to know how to sell, design, install, and support the implementation of a site survey for a WLAN solution.

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:

- Collect information for the site survey

- Prepare and plan for the site survey

- Conduct the site survey

- Design the RF network

- Assess the deployment of the WLAN

Prerequisites:

To gain the prerequisite skills and knowledge, Cisco strongly recommends the knowledge of the following courses:

- Interconnecting Cisco Networking Devices Part 1 (ICND1)
- Interconnecting Cisco Networking Devices Part 2 (ICND2)
- Implementing Cisco Unified Wireless Networking Essentials (IUWNE)

Testing and Certification

Recommended as preparation for:

- 642-731 - Conducting Cisco Unified Wireless Site Survey (Last day to test 11th May 2012)
- 642-732 - Conducting Cisco Unified Wireless Site Survey

CUWSS is one of four courses required for **Cisco Certified Network Professional Wireless (CCNP) Wireless** Certification

Follow-on-Courses:

- Implementing Cisco Unified Wireless Voice Networks (IUWVN)
- Implementing Cisco Unified Wireless Mobility Services (IUWMS)
- Implementing Advanced Cisco Unified Wireless Security (IAUWS)

All the above courses are part of the **Cisco Certified Network Professional Wireless (CCNP) Wireless** Certification

Content:

Collect Information for the Site Survey

- Identifying Customer Requirements
- Identifying Site Survey Requirements for Different Vertical Industries
- Designing Coverage for Specific Applications and Client Devices
- Designing Outdoor Coverage
- Identifying Regulatory Issues
- Identifying Safety and Aesthetic Requirements

Prepare and Plan for the Site Survey

- Conducting a Kickoff Meeting
- Conducting an Initial Walkthrough
- Specifying the Tools Necessary to Complete a Site Survey
- Choosing the Hardware for the Deployment and the Site Survey
- Choosing the Right Antennas for the Deployment and the Site Survey
- Finalizing Logistical Considerations

Conduct the Site Survey

- Estimating the AP Number and Density Using a Planning Tool
- Conducting a Layer 1 Site Survey
- Conducting a Layer 2 Site Survey for Data
- Conducting a Layer 2 Site Survey for Voice and Video Applications
- Conducting a Layer 2 Site Survey for Location

Design the RF Network

- Determining the Infrastructure Hardware Requirements for the WLAN
- Determining the Effect of WLAN on the Infrastructure
- Determining the WLAN Equipment and Licenses
- Designing the Outdoor Mesh Network

Assess the Deployment

- Verifying WLAN Readiness
- Verifying the RF Coverage Onsite
- Verifying the RF Performance
- Verifying Mesh Performance
- Presenting an Installation Report

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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