



Implementing Unified Wireless Networking Essentials

Duración: 5 Días Código del Curso: IUWNE Version: 2.0

Temario:

El curso y examen IUWNE estará vigente hasta el día 15 de Diciembre 2015. A partir de esta fecha, el nuevo curso disponible será WIFUND. The Implementing Cisco Unified Networking Essentials is a five day ILT course, designed to help students prepare for the CCNA Wireless certification, an associate level certification specialising in the wireless field. The goal of IUWNE is to provide students with the information and practice activities necessary to prepare them for designing, installing, configuring, monitoring and conducting basic troubleshooting tasks on a Cisco WLAN in SMB and Enterprise installations. This is an associate level course and as such aims to provide only entry level information, and does not specialise in any of the advanced features of the Cisco WLAN networks solutions.

Dirigido a:

The primary audience is those individuals interested in gaining an overview of a Cisco WLAN and the technologies that can be deployed within that Network. It is an ideal course for those that are new to wireless and are looking to gain the 1st level of wireless certification.

Objetivos:

- After you complete this course you will be able to:
- Describe the fundamentals of wireless networks
- •
- Install a Cisco Unified Wireless Network
- •
- Describe and configure a basic wireless client using either the default operating system or Cisco Wireless LAN (WLAN) adapter configuration utilities
- Configure wireless security
- .
- Manage the wireless network with Cisco WCS
- Maintain and troubleshoot a wireless network

Prerequisitos:

Attendees should meet the following prerequisites:

ICND1 - Interconnecting Cisco Network Devices Part 1 is required.

It is also recommended that before attending this training delegates would have a basic knowledge of Cisco lifecycle deployment, SONA, Wireless standards (IEEE), wireless regulator environment (FCC, ETSI, etc) and wireless certification organisation (WIFI alliance)

Exámenes y certificación

Recommended as preparation for exam(s):

640-722 IUWNE Implementing Cisco Unified Wireless Networking Essentials

Delegates wishing to obtain the CCNA Wireless Certification will aslo need to have passed the ICND1 exam.

Siguientes cursos recomendados:

Delegates who wish to focus on wireless certifications may wish to consider the courses below, all of which are required for the Cisco Certified Network Professional for Wireless Certification.

CUWSS- Conducting Cisco Unified Wireless Site Survey

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

Contenido:

Wireless Fundamentals

- Describing Wireless Networks and Topologies
- Describing WLAN RF Principles
- Describing RF Mathematics
- Describing Antennas
- Describing Spread Spectrum Technologies
- Describing Wireless Regulation Bodies, Standards, and Certifications
- Examining Wireless Media Access
- Examining Non-802.11 Wireless
- Technologies and Their Impact on WLANs Reviewing the Wireless Frame Journey: End
- to End Identifying Design and Site-Survey Considerations
- Configuring a controller
- Configuring a controller
- Discovering and associating with a controller
- Describing Access Point Operational Modes
 Roaming
- Roaming
 Managing the set
- Managing the network from the controller
 Configuring and migrating stand-alone
- Configuring and migrating stand-alone access points
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- Describing EAP Authentications
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- Lab 5-1: Configuring Controllers and APs from Cisco WCS
- Lab 5-2: Working with Cisco WCS

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Wireless Clients

- Using default configuration tools
- Describing WLAN RF Principles
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- Examining Non-802.11 Wireless Technologies and Their Impact on WLANs
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- Identifying Design and Site-Survey Considerations
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- Discovering and associating with a controller
- Describing Access Point Operational Modes
- Roaming

wcs

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Network and Analyzing the Communication

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Access Point PSK Authentication

Lab 4-4: Configuring 802.1Q and Web

Lab 5-1: Configuring Controllers and APs

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Lab 4-3: Configuring EAP-FAST

Authentication with WPA

Lab 2-2: Downgrading a Controller-Based

Lab 1-2: Creating an Ad Hoc IBSS)

AP to an Autonomous AP

Lab 4-1: Configuring WLC PSK

Secure Mobility Client

Roaming

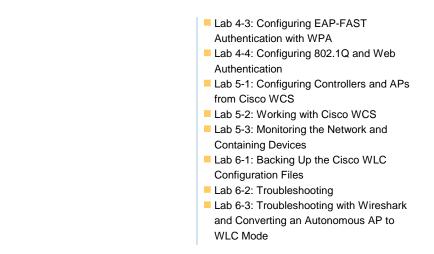
Authentication

Authentication

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Información Adicional:

Re-Certification

CCNA Wireless certifications are valid for three years. To recertify, pass ONE of the following before the certification expiration date:Pass the current IUWNE exam, or Pass any current Associate-level exam except for ICND1 exam, or Pass any current Cisco Specialist exam (excluding Sales Specialist exams or MeetingPlace Specialist exams, Implementing Cisco TelePresence Installations (ITI) exams, Cisco Leading Virtual Classroom Instruction exams, or any 650 online exams), or Pass any current CCIE Written Exam, or Pass the current CCDE Written Exam OR current CCDE Practical Exam, or Pass the Cisco Certified Architect (CCAr) interview AND the CCAr board review to extend lower certifications

Más información:

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