

IUWMS (IMPLEMENTING CISCO UNIFIED WIRELESS MOBILITY SERVICES) 2.0

Objetivo

Este curso foi criado para preparar o profissional de nível de certificação CCNP Wireless. Os estudantes vão aprender integrar os serviços de mobilidade na rede proporcionado pelo produto MSE (Mobility Service Engine). Após completar este treinamento o aluno estará apto à: Projetar a infra-estrutura WLAN para proporcionar os serviços em mobilidade (MSE) Implantar e manter serviços avançados com Cisco WCS/NCS and Cisco WCS Navigator Implantar Cisco Context-Aware Services (MSE) Implantar Cisco Mesh Networks Implantar MSE em redes externas (Mesh)

Público Alvo

O público principal é formado por pessoas envolvidas no manuseio técnico de plataformas e soluções da Cisco em Wireless utilizando MSE e NCS/WCS, considerando atividades em instalação, configuração, operação e solução de problemas.

Pré-Requisitos

Para melhor aproveitamento do curso, os participantes devem atender aos seguintes pré-requisitos: Ter participado nos cursos ICND1/ICND2 (CCNA Routing & Switching) e IUWNE (CCNA Wireless) ou possuir conhecimentos equivalentes.

Carga Horária

40 horas (5 dias).

Conteúdo Programático

- Design WLAN Infrastructure for Mobility
- Understanding and Utilizing Design Recommended Practices
- Understanding Implications of Layer 2 and Layer 3 Roaming
- Designing for High Availability
- Understanding Single SSID Designs with Mobility

- Implement and Manage Advanced Services with Cisco WCS and Cisco WCS Navigator
- Configuring Cisco WCS Controller and Access Point Templates
- Configuring Cisco WCS for WLC Auto Provisioning
- Implementing Cisco WCS Partitioning
- Scheduling Wireless Access using Cisco WCS
- Configuring Reports

Configuring Administrative Tasks
Monitoring and Converting Autonomous Access Points Using Cisco WCS
Understanding the Roles, Features, and Functions of Cisco WCS Navigator

Design the Wireless Network for Location
Understanding Location Techniques
Understanding Deployment Requirements
Understanding Applications of RFID, Chokepoint, and TDoA

Cisco Location-Based Services Implementation
Describing Mobility Services Architecture and Appliances
Configuring the Cisco 2700 Series Wireless Location Appliance and the Cisco 3300 Series MSE
Integrating and Managing the Cisco 3300 Series MSE and Cisco 2700 Series Wireless Location Appliance with Cisco WCS
Configuring and Tuning Location
Introducing Wireless Networks and Topologies
Configuring, Generating, and Interpreting Location and Event Notifications
Integrating Third-Party Applications
Maintaining the Cisco 2700 Series Wireless Location Appliance and Cisco 3300 Series MSE
Troubleshooting Location

Implement and Manage an Enterprise Mesh Network
Describing Indoor Enterprise Mesh
Describing Mesh Formation
Implementing an Enterprise Mesh
Configuring Enterprise Mesh Advanced features
Configuring Cisco WCS for an Indoor Mesh
Troubleshooting Indoor Mesh

Describe Outdoor Wireless
Describing Mobile Routing
Describing Wireless Bridging
Describing Outdoor Mesh

Labs:
Design WLAN Infrastructure for Mobility
Configuring Mobility Groups and Domains
Configuring High Availability
Configuring AP Groups
Configuring a Single SSID for Multiple WLANs
Troubleshooting Controller Communications

Implement and Manage Advanced Services with Cisco WCS and Cisco WCS Navigator
Configuring Cisco WCS Controller and Access Point Templates
Implementing Cisco WCS Partitioning
Scheduling Wireless Access
Managing a WGB from Cisco WCS

Monitoring and Converting and Autonomous Access Point from Cisco WCS

Cisco Location-Based Services Implementation

Preparing Cisco WCS for Location

Integrating and Managing the Cisco MSE

Implement and Manage an Enterprise Mesh Network

Configuring Mesh Access Points

Cisco WCS Mesh Support: Maps and Mesh General Features