

CISC-25 - WLFNDU - UNDERSTANDING CISCO WIRELESS FOUNDATIONS

V2.0

Categoria: **Cisco**

INFORMAZIONI SUL CORSO



Durata:
5 Giorni



Categoria:
Cisco



Qualifica Istruttore:
**Cisco Certified
Instructor**



Dedicato a:
Professionista IT



Produttore:
Cisco

OBIETTIVI

After completing this course you should be able to:

- Describe and implement foundational wireless theory
- Describe and implement foundational wireless math and antennas
- Describe and implement foundational wireless operation including Wi-Fi 6
- Describe security and client access in a wireless network
- Implement 802.1X and Extensible Authentication Protocol (EAP)
- Implement wireless guest access and configure wireless security
- Describe Cisco wireless architecture components and deployment options
- Describe Cisco wireless architecture and its deployment modes, the Control and Provisioning of Wireless Access Points (CAPWAP) protocol, and the Cisco WLC and AP line up
- Describe the wired support for implementing wireless networks
- Deploy Cisco centralized wireless networks using Cisco 9800 WLC
- Describe the centralized wireless access model and its configuration
- Describe maintenance and troubleshooting in the centralized WLAN model
- Describe the management and monitoring of Cisco Wireless Networks with Cisco DNA Center

PREREQUISITI

Attendees should meet the following prerequisites:

- General knowledge of networks
- General knowledge of wireless networks
- Routing and switching knowledge

Recommended prerequisites:

- CCNA - Implementing and Administering Cisco Solutions

CONTENUTI

Module 1: RF and WLAN Theory

Module 2: WLAN Math and Antennas

Module 3: Wi-Fi Operations

Module 4: Basic WLAN Security

Module 5: Advanced WLAN Security

Module 6: Configuring WLAN Security

Module 7: Cisco Wireless Network Architecture

Module 8: Implementing Cisco Wireless Network

Module 9: Implementing Cisco Wireless Network Wired Support

Module 10: Deploying Cisco Centralized Wireless Networks

Module 11: Configuring Cisco Centralized Wireless Networks

Module 12: Maintaining and Troubleshooting Cisco Wireless Networks

Module 13: Managing and Monitoring Cisco Wireless Networks with Cisco DNA Center

Labs

- Discovery 1: Practice RF Math
- Discovery 2: Antenna Calculations
- Discovery 3: Explore the Wi-Fi Environment
- Discovery 4: Analyze Wireless Frames
- Discovery 5: Configure Client Access
- Discovery 6: Deploy Cisco 9800 WLC
- Discovery 7: Configure Cisco 9800 WLC
- Discovery 8: Perform Cisco 9800 WLC Maintenance

INFO

Materiale didattico: Materiale didattico ufficiale Cisco in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)