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Learning Style: On Demand

Technology: Cisco

Difficulty: Intermediate

Course Duration: 40 Hours

Understanding Cisco Wireless Foundations (WLFNDU) v2.0 - On Demand

About this course:

The Understanding Cisco Wireless Foundations (WLFNDU) v2.0 course gives you the knowledge and skills you need to position, plan, implement, operate, and manage a Cisco wireless LAN (WLAN) network.

This course teaches you how to design, install, configure, monitor, and conduct

basic troubleshooting tasks on a Cisco WLAN network of any size.

This course does not lead directly to a certification exam, but it does cover foundational knowledge that can help you prepare for professional-level enterprise wireless courses and exams:

- Designing Cisco Enterprise Wireless Networks (ENWLSD)
- Implementing Cisco Enterprise Wireless Networks (ENWLSI)

Course Objective:

After taking this course, you should be able to:

- Describe and implement foundational wireless theory
- Describe and implement basic wireless security and client access
- Describe and implement a Cisco wireless network architecture
- Configure Cisco centralized wireless networks
- Describe and implement WLAN maintenance and troubleshooting

Audience:

- Network engineer
- Systems engineer
- Wireless engineer
- Technical solutions architect
- Network administrator
- Wireless design engineer
- Network manager

Prerequisite:

We recommend but do not require that you have the following knowledge and skills before taking this course:

- General knowledge of networks

- General knowledge of wireless networks
- Routing and switching knowledge

Course Outline:

- **Describing and Implementing Foundational Wireless Theory**
- **Describing and Implementing Foundational Wireless Math and Antennas**
- **Describing and Implementing Foundational Wireless Operation**
- **Describing and Implementing Basic Wireless Security**
- **Describing and Implementing 802.1X and Extensible Authentication Protocol (EAP)**
- **Implementing Wireless Guest Access and Configuring Wireless Security**
- **Describing and Implementing Cisco Wireless Network Architecture**
- **Describing and Implementing Cisco Wireless Network**
- **Describing and Implementing Cisco Wireless Network Wired Support**
- **Configuring Cisco Centralized Wireless Networks**
- **Describing and Implementing WLAN Maintenance and Troubleshooting**

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