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CISC-26 - ENWLSI - IMPLEMENTING CISCO ENTERPRISE WIRELESS NETWORKS V2.0

Categoria: Cisco

INFORMAZIONI SUL CORSO



Durata: 5 Giorni Categoria: Cisco

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Qualifica Istruttore: Cisco Certified Instructor

Dedicato a: Professionista IT Produttore: Cisco

OBIETTIVI

After completing this course you should be able to:

-Implement network settings to provide a secure wireless network infrastructure

-Troubleshoot security issues as it relates to the wireless network infrastructure

-Implement a secure wireless client and troubleshoot wireless client connectivity issues

-Implement and troubleshoot QoS in wireless networks

-Implement and troubleshoot advanced capabilities in wireless network services

PREREQUISITI

Attendees should meet the following prerequsites:

-General knowledge of networks

-General knowledge of wireless networks

-Routing and switching knowledge

Recommended prerequisites:

-CCNA - Implementing and Administering Cisco Solutions

-WLFNDU - Understanding Cisco Wireless Foundations

-ENCOR - Implementing and Operating Cisco Enterprise Network Core Technologies

CONTENUTI

Securing and Troubleshooting the Wireless Network Infrastructure

-Implement Secure Access to the WLCs and Access Points

-Configure the Network for Access Point 802.1X Authentication

-Use Cisco DNA Center for Controller and AP Auto Install

-Implement Cisco Prime Infrastructure

-Define Network Troubleshooting Techniques

-Troubleshoot Access Point Join Issues

-Monitor the Wireless Network

Implementing and Troubleshooting Secure Client Connectivity



-Configure the Cisco WLC for Wireless Client 802.1x Authentication

-Configure the Wireless Client for 802.1X Authentication

- -Configure a Wireless LAN for FlexConnect
- -Implement Guest Services in the Wireless Network
- -Configure the Cisco WLC for Centralized Web Authentication
- -Configure Central Web Authentication on Cisco ISE
- -Implement BYOD
- -Implement Location-Aware Guest Services
- -Troubleshoot Client Connectivity
- -Describe Issues that Affect Client Performance
- -Monitor Wireless Clients

Implementing and Troubleshooting QoS in Wireless Networks

- -Implement QoS in the Wireless Network
- -Configure the Cisco WLC to Support Voice Traffic
- -Optimize Wireless Utilization on the Cisco WLC
- -Implement Cisco AVC in the Wireless Network
- -Implement Multicast Services
- -Implement mDNS Service
- -Implement Cisco Media Stream
- -Troubleshoot QoS Issues in the Wireless Network
- -Troublehoot mDNS Issues
- -Troubleshoot Media Stream Issues

Implementing and Troubleshooting Advanced Wireless Network Services

- -Implement Base Location Services on Cisco Prime Infrastructure
- -Implement Hyperlocation in the Wireless Network
- -Implement Detect and Locate Services on Cisco CMX
- -Implement Analytics on Cisco CMX
- -Implement Presence Services on Cisco CMX
- -Monitor and Locate Rogue Devices with Cisco Prime Infrastructure and Cisco CMX
- -Monitor and Detect Wireless Clients with Cisco CMX and Cisco DNA Center
- -Run Analytics on Wireless Clients
- -Troubleshoot Location Accuracy with Cisco Hyperlocation
- -Monitor and Manage RF Interferers on the Cisco WLC
- -Monitor and Manager RF Interferers on Cisco Prime Infrastructure and Cisco CMX

Labs

- -Lab Familiarization (Base Learning Lab)
- -Configure Secure Management Access for WLCs and APs
- -Add Network Devices and External Resources to Cisco Prime Infrastructure
- -Capture a Successful AP Authentication
- -Implement AAA Services for Central Mode WLANs
- -Implement AAA Services for FlexConnect Mode WLANs
- -Configure Guest Services in the Wireless Network
- -Configure BYOD in the Wireless Network
- -Capture a Successful Client Authentications
- -Configure QoS in the Wireless Network for Voice and Video Services



-Configure Cisco AVC in the Wireless Network

-Capture Successful QoS Traffic Marking in the Wireless Network

-Configure Detect and Locate Services on the Cisco CMX

-Identify Wireless Clients and Security Threats

INFO

Esame: 300-430 - Implementing Cisco Enterprise Wireless Networks 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)