moving traffic between VLANs, routers as DHCP servers, relaying to other routers, WAN, and finish with routing protocols such as Open Shortest Path First or OSPF

Meet the expert: As a certified Microsoft Instructor, Ken has focused his career on various security aspects of computer and network technology since the early 1980s. He has offered a wide variety of IT training and high level consulting projects for Fortune 500 companies globally. Through the course of his extensive career, he has taught a full line of Microsoft, CompTIA, Cisco, and other high level IT

Course description: Interconnecting Cisco Networking Devices Part 1 is the exam associated with the Cisco Certified Entry Network Technician (CCENT) certification or the first half of the Cisco Certified Network Associate Routing and Switching (CCNA Routing and Switching). This course covers medium sized network and how to manage more traffic. It will cover Virtual Local Area Network (VLAN),

Course outline:

Security curricula.

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Prerequisites: This is part 4 in the series.

Implementing VLANs

Introduction

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 Designed Network
- Introducing VLANs
- Trunks and 802.1Q
- Using Trunks
- Using Trunks Continued
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- Verify the VLAN
- Assign VLAN to an Access Port
- Creating a Trunk DHCF
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- VLAN Design Practices
- Continued
- Designing Redundancy
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Routing Between VLANs

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- Introducing WANs
- WAN Uses
- Comparing WANs and LANs

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- Routers and the WAN
- Types of WAN Links
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Summary

Cisco Network Device as DHCP Server

Interconnecting Cisco Networking Devices (CCENT),

Introduction

Part 4 of 4: Medium Networks and IPv6

- DHCP
- How DHCP Works
- Configuring DHCP on a Router
- Configuring DHCP on a Router
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Dynamic Routing Protocols

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- Remote Networks
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Implemeting OSPF

Introduction

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- Implementing OSPF
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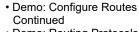
Configure VLANs Demo

Introduction

- OSPF Summary
- Demo: Configuring VLANs
- Demo: Steps
- Demo: Moving Ports
- Demo: Create a DHCP Router
- Demo: Trunking
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OSPF Demo

- Introduction
- Demo: Review
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- Demo: Routing ProtocolsDemo: Headquarters
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- Demo: Troubleshooting
- Demo: RIP
 - Demo: Messing up RIP

Understanding IPv6

The IPv6 Header

SLAAC Continued

SLAAC for Routers

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Review of IPv4 Header

- Demo: Additional Configuration
 Options
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