

CCNA 200-301

Module 1: Exploring the Functions of Networking

1. Instructor Intro
2. Course Intro
3. Exploring the Functions of Networking pt.1
4. Exploring the Functions of Networking pt.2

Module 2: Introduction the Host-to-Host Communications Model

1. Introducing the Host-to-Host Communications Model pt.1
2. Introducing the Host-to-Host Communications Model pt.2

Module 3: Introducing LANs

1. Introducing LANs
2. Get Started with CLI Demo
3. Adding Description to Interfaces Demo
4. Configure Gateway on a Switch Demo
5. Visualize Interfaces and Statistics Demo
6. Show Version Command Demo
7. CDP Demo

Module 4: Exploring the TCP/IP Link Layer

1. Exploring the TCP/IP Link Layer pt.1
2. Exploring the TCP/IP Link Layer pt.2

Module 5: Subnetting

1. Subnetting pt.1
2. Subnetting pt.2
3. Subnetting pt.3
4. Subnetting pt.4

5. Subnetting pt.5
6. Subnetting pt.6

Module 6: Explaining the TCP/IP Transport Layer and Application Layer

1. Explaining the TCP/IP Transport Layer and Application Layer pt.1
2. Explaining the TCP/IP Transport Layer and Application Layer pt.2
3. Explaining the TCP/IP Transport Layer and Applications Layer pt.3

Module 7: Exploring the Functions of Routing

1. Exploring the Functions of Routing pt.1
2. Exploring the Functions of Routing pt.2
3. Exploring the Functions of Routing pt.3
4. Configuring RIP Demo
5. EIGRP Demo pt.1
6. EIGRP Demo pt.2

Module 8: Exploring the Packet Delivery Process

1. Exploring the Packet Delivery Process

Module 9: Troubleshooting a Simple Network

1. Troubleshooting a Simple Network

Module 10: Introducing Basic IPv6

1. Introducing Basic IPv6 pt.1
2. Introducing Basic IPv6 pt.2
3. Introducing Basic IPv6 pt.3
4. Introducing Basic IPv6 pt.4
5. Introducing Basic IPv6 pt.5
6. Introducing Basic IPv6 pt.6
7. Introducing Basic IPv6 pt.7
8. Introducing Basic IPv6 pt.8
9. IPv6 Basic Configuration and SLAAC Demo pt.1

10. IPv6 Basic Configuration and SLAAC Demo pt.2
11. IPv6 Routing Demo pt.1
12. IPv6 Routing Demo pt.2
13. IPv6 Static Routes Demo

Module 11: Configuring Static Routing

1. Configuring Static Routing
2. Static Routes Demo

Module 12: Implementing VLANs And Trunks

1. Implementing VLANs and Trunks pt.1
2. Implementing VLANs and Trunks pt.2
3. Implementing VLANs and Trunks pt.3
4. Implementing VLANs and Trunks pt.4
5. Spanning-tree Protocol Demo pt.1
6. Spanning-tree Protocol Demo pt.2
7. Spanning-tree Protocol Demo pt.3

Module 13: Routing Between VLANs

1. Routing Between VLANs
2. Inter VLAN Routing Demo

Module 14: Introducing OSPF

1. Introducing OSPF pt.1
2. Introducing OSPF pt.2
3. Introducing OSPF pt.3
4. Introducing OSPF pt.4
5. OSPF Single Area Demo pt.1
6. OSPF Single Area Demo pt.2
7. OSPF Multiple Area Demo pt.1
8. OSPF Multiple Area Demo pt.2

Module 15: Building Redundant Switched Topologies

1. Building Redundant Switch Topologies pt.1
2. Building Redundant Switch Topologies pt.2

Module 16: Improving Redundant Switched Topologies with EtherChannel

1. Improving Redundant Switched Topologies with EtherChannel pt.1
2. Improving Redundant Switched Topologies with EtherChannel pt.2
3. Configuring Ether Channel Demo

Module 17: Exploring Layer 3 Redundancy

1. Exploring Layer 3 Redundancy

Module 18: Introducing WAN Technologies

1. Introducing WAN Technologies pt.1
2. Introducing WAN Technologies pt.2
3. Introducing WAN Technologies pt.3
4. Introducing WAN Technologies pt.4
5. Introducing WAN Technologies pt.5
6. Introducing WAN Technologies pt.6

Module 19: Explaining Basics of ACL

1. Explaining Basics of ACL pt.1
2. Explaining Basics of ACL pt.2
3. Explaining Basics of ACL pt.3

Module 20: Enabling Internet Connectivity

1. Enabling Internet Connectivity
2. DHCP Demo
3. Static NAT Demo
4. PAT Using Specific IP Demo
5. PAT Using UP of Interface Demo

Module 21: Introducing QoS

1. Introducing QoS pt.1
2. Introducing QoS pt.2
3. Introducing QoS pt.3
4. Introducing QoS pt.4
5. Introducing QoS pt.5

Module 22: Introducing Architectures and Virtualization

1. Introducing Architectures and Virtualization pt.1
2. Introducing Architectures and Virtualization pt.2
3. Introducing Architectures and Virtualization pt.3
4. Introducing Architectures and Virtualization pt.4

Module 23: Introducing System Monitoring

1. Introducing System Monitoring pt.1
2. Introducing System Monitoring pt.2
3. Introducing System Monitoring pt.3

Module 24: Managing Cisco Devices

1. Managing Cisco Devices pt.1
2. Managing Cisco Devices pt.2
3. NTP Demo
4. Syslog Demo

Module 25: Examining the Security Threat Landscape

1. Examining the Security Threat Landscape pt.1
2. Examining the Security Threat Landscape pt.2

Module 26: Implementing Threat Defense Technologies

1. Implementing Threat Defense Technologies pt.1
2. Implementing Threat Defense Technologies pt.2
3. Implementing Threat Defense Technologies pt.3
4. Implementing Threat Defense Technologies pt.4
5. Implementing Threat Defense Technologies pt.5
6. Authentication Protocols Demo pt.1
7. Authentication Protocols Demo pt.2
8. Device Hardening Demo pt.1
9. Device Hardening Demo pt.2
10. Device Hardening Demo pt.3
11. Port Security Demo

Module 27: Exam Preparation

1. Exam Prep Tips