

CCNA ROUTING & SWITCHING BOOT CAMP

6. - 10. svibnja 2019.

Dnevni raspored:

09:00-12:39 Prvi dio

12:30-13:30 Pauza za ručak

13:30-16:30 Drugi dio

Day 1

Building a Simple Network

Exploring the Functions of Networking

Understanding the Host-to-Host Communications Model

Introducing LANs

Operating Cisco IOS® Software

Starting a Switch

Understanding Ethernet and Switch Operation

Troubleshooting Common Switch Media Issues

Establishing Internet Connectivity

Understanding the TCP/IP Internet Layer

Understanding the TCP/IP Internet Layer

Understanding the TCP/IP Transport Layer

Exploring the Functions of Routing

Configuring a Cisco Router

Exploring the Packet Delivery Process

Enabling Static Routing

Learning Basics of Access Control Lists (ACLs)

Enabling Internet Connectivity

Summary Challenge

Establish Internet Connectivity

Troubleshoot Internet Connectivity

Day 2

Implementing Scalable Medium-Sized Networks

Implementing and Troubleshooting VLANs and Trunks

Building Redundant Switched Topologies

Improving Redundant Switched Topologies with EtherChannel

Routing Between VLANs

Using a Cisco IOS Network Device as a Dynamic Host Configuration Protocol (DHCP) Server

Understanding Layer 3 Redundancy

Implementing Routing Information Protocol (RIP) v2

[Introducing IPv6](#)

Introducing Basic IPv6

Understanding IPv6 Operation

Configuring IPv6 Static Routes

[Troubleshooting Basic Connectivity](#)

Troubleshooting IPv4 Network Connectivity

Troubleshooting IPv6 Network Connectivity

Day 3

[Implementing Network Device Security](#)

Securing Administrative Access

Implementing Device Hardening

Implementing Advanced Security

[Implementing an EIGRP-Based Solution](#)

Implementing EIGRP

Implementing EIGRP for IPv6

Troubleshooting EIGRP

[Summary Challenge](#)

Troubleshooting a Medium-Sized Network

Troubleshooting a Scalable Medium-Sized Network

Day 4

[Implement a Scalable OSPF-Based Solution](#)

Understanding OSPF

Implementing Multiarea OSPF IPv4

Implementing OSPFv3 for IPv6

Troubleshooting Multiarea OSPF

[Implementing Wide Area Networks](#)

Understanding WAN Technologies

Understanding Point-to-Point Protocols

Configuring Generic Routing Encapsulation (GRE) Tunnels

Configuring Single-Homed External Border Gateway Protocol (EBGP)

Day 5

[Network Device Management](#)

Implementing Basic Network Device Management

Learning About the Evolution of Intelligent Networks

Introducing QoS

Managing Cisco Devices

Licensing

[Summary Challenge](#)

Troubleshooting Scalable Multiarea Network

Implementing and Troubleshooting Scalable Multiarea Network

S uključnim LAB vježbama.