



CCNA Routing and Switching: Introduction to Networks

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student was able to proficiently:

- Understand and describe the devices and services used to support communications in data networks and the Internet
- Understand and describe the role of protocol layers in data networks
- Understand and describe the importance of addressing and naming schemes at various layers of data networks in IPv4 and IPv6 environments
- Design, calculate, and apply subnet masks and addresses to fulfill given requirements in IPv4 and IPv6 networks
- Explain fundamental Ethernet concepts such as media, services, and operations
- Build a simple Ethernet network using routers and switches
- Use Cisco command-line interface (CLI) commands to perform basic router and switch configurations
- Utilize common network utilities to verify small network operations and analyze data traffic

Darko Dimov

Student

Institute of Informatics

Academy Name

The Former Yugoslav Republic of Macedonia

Location

Kiril Kiroski

Instructor

Jul 15, 2017

Date

Instructor Signature



CCNA Routing and Switching: Routing and Switching Essentials

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student was able to proficiently:

- Determine how a router will forward traffic based on the contents of a routing table.
- Explain how switching operates in a small to medium-sized business network.
- Use monitoring tools and network management protocols to troubleshoot data networks.
- Configure monitoring tools available for small to medium-sized business networks.
- Configure initial settings on a network device.
- Configure Ethernet switch ports.
- Implement VLANs.
- Implement static routing and RIPv2.
- Implement DHCP on a router.
- Implement network address translation (NAT).
- Implement access control lists (ACLs) to filter traffic.

Darko Dimov

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The Former Yugoslav Republic of Macedonia

Location

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Jun 22, 2017

Date

Instructor Signature



RIPE NCC

RIPE NETWORK COORDINATION CENTRE

Certificate of Participation

Darko Dimov

Basic IPv6 Training Course
on Wednesday, 13 September 2017
in Skopje, Macedonia

Axel Pawlik
Managing Director

Romy Kanis
Training Services Manager

Certification of Completion



This document acknowledges that:

Дарко ДИМОВ

Has successfully completed the Microsoft-approved course:

Querying Microsoft SQL Server® 2014

Игор Мишковски

Faculty of Computer Science and Engineering

13.12.2017



"Ss. Cyril and Methodius" University in Skopje
FACULTY OF COMPUTER
SCIENCE AND ENGINEERING

Microsoft IT Academy
Program Member



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