

Introduction to the Internet of Everything

Прохождение курса Cisco Networking Academy® «Введение во Всеобъемлющий Интернет» и обладание следующими навыками и знаниями:

- Понимание и объяснение преимуществ Всеобъемлющего Интернета и задач, связанных с его реализацией.
- Понимание и объяснение взаимодействия людей, процессов, данных и вещей во Всеобъемлющем Интернете.
- Понимание и объяснение того, как объекты, поддерживающие и не поддерживающие подключение по IP, могут быть подключены к сети для взаимодействия во Всеобъемлющем Интернете.
- Понимание и объяснение процессов моделирования и прототипирования в среде Всеобъемлющего Интернета.

Valerii Nikolaev

Студент

Radio Engineering Department of National Technical University of Ukraine "KPI"

Название академии

CISCO NETWORKING ACADEMY

ACADEMY ID 20032684

Ukraine

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CERTIFICATE ID 2019-2120

Место

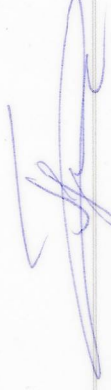
Дата

WWW.EDU-CISCO.ORG/CERT

Kostiantyn Herasymenko

Инструктор

Подпись инструктора



Certificate of Course Completion

CCNA Routing and Switching: Routing and Switching Essentials

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Routing and Switching Essentials 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.

Валерий Николаев

Student

Nizhni Novgorod State University

Academy Name

Russia

18.02.2019

Location

Date

Alexander Gergel

Instructor

Instructor Signature



Certificate of Course Completion

CCNA Routing and Switching: Introduction to Networks

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Explain network technologies.
- Explain how devices access local and remote network resources.
- Describe router hardware.
- Explain how switching operates in a small to medium-sized business network.
- Design an IP addressing scheme to provide network connectivity for a small to medium-sized business network.
- Configure initial settings on a network device.
- Implement basic network connectivity between devices.
- Configure monitoring tools available for small to medium-sized business networks.

Валерий Николаев

Student

Nizhni Novgorod State University

Academy Name

Russia

22.11.2018

Location

Date

Alexander Gergel

Instructor

Instructor Signature



Certificate of Course Completion

CCNA Routing and Switching: Connecting Networks

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Connecting Networks course administered by the undersigned instructor. The student was able to proficiently:

- Describe different WAN technologies and their benefits
- Configure and troubleshoot PPP.
- Configure PPPoE, GRE, and single-homed eBGP.
- Configure and troubleshoot extended IPv4 and IPv6 ACLs.
- Explain how to mitigate common LAN security attacks.
- Describe QoS operation.
- Describe evolving networks including cloud, virtualization, SDN, and the Internet of Things
- Troubleshoot end-to-end connectivity in a small to medium-sized business network, using a systematic approach.

Валерий Николаев

Student

Nizhni Novgorod State University

Academy Name

Russia

Location

11.06.2019

Date

Alexander Gergel

Instructor

Instructor Signature

