

Course syllabus

CATEGORY

Computer network,
CISCO courses

TRAINING FORMAT

In Bratislava or online
with a lecturer

PRICE EXCL. VAT

732,00 €

PRICE INCL. VAT

900,36 €

including 23 % VAT

Cisco CCNA III - Switching in LAN Networks

Clear overview of course topics, training scope and key information.

The Cisco CCNA III - Switching in LAN Networks training, focused on switching technologies in LAN networks, is intended for administrators of computer networks built primarily on Cisco switches. It is also suitable as part of preparation for the Cisco Certified Network Associate (CCNA) industry certification exam. A course graduate will gain not only basic theoretical knowledge of frame switching in LAN networks. They will also acquire practical skills in configuring switches and specific technologies in the command-line environment of the Cisco IOS operating system.

COURSE CONTENT

01

Theoretical Introduction to Switching in LAN Networks

hierarchical network model (Access, Distribution, Core layer of the LAN network) Ethernet, Fast Ethernet, Gigabit Ethernet technologies - review design of a switch network in a corporate environment

02

Virtual LAN (VLAN) Networks and 802.1Q Trunking

03

STP (Spanning Tree Protocol) Protocol

04

Inter-VLAN Routing

traditional Inter-VLAN routing Router-on-a-Stick

05

Switch Security, Port Security

06

Redundancy in LAN, HSRP (Hot Standby Router Protocol) Protocol

07

EtherChannel

This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

<https://www.macrosoft.sk/en/courses/cisco-ccna-switching-in-lan-networks>