Nasazení přepínačů CiscoCatalyst 9000

Course code: ENC9K

The Implementing Cisco Catalyst 9000 Switches course introduces you to the architecture, capabilities, and implementation of the Cisco® Catalyst® 9000 switching platform. This hands-on course covers many features of this Cisco IOS® XE platform and describes how to manage devices from a single dashboard called Cisco DNA Center™. You will learn how to use the Cisco Catalyst 9000 family of switches to enable Software Defined Access (SD-Access) and provide end-to-end security and automation with centralized management using DNA Center.

Affiliate	Duration	Course price	ITB
Praha	3	78 200 Kč	0
Bratislava	3	3 100 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location

The prices are without VAT.

Required skills

Good knowledge of TCP / IP protocols and routing and switching principles, as well as configuration of Cisco routers and switches in the range of ICND1 and ICND2 courses.

Course outline

- Review the Cisco Catalyst 9000 switching family, identify the switches' features, and examine the functionalities purpose-built for Cisco DNA and the SD-Access solution
- Describe the Cisco Catalyst 9300 Series Switch architecture, model types, port types, uplink modules, and components, including power supplies and stacking cables
- Describe the Cisco Catalyst 9400 Series Switches, different modular chassis, supervisor and line card options, architectural components, uplink and power redundancy, and Multigigabit ports
- Describe the Cisco Catalyst 9500 Series Switches, model types, switch components, RFID support, architecture, and switch profiles
- Position the different Cisco Catalyst 9000 family switch model types in the network, and map older Cisco Catalyst switches to the 9000 family for migration
- Examine management capabilities of the Cisco Catalyst 9000 family of switches
- Describe the Cisco Catalyst 9000 family of switches deployed in a Cisco StackWise Virtual environment and an SD-Access fabric
- Describe the new Cisco IOS XE software management, patchability, and Graceful Insertion and Removal (GIR) features on the Cisco Catalyst 9000 switching family
- Describe the scalability and performance features supported by the Cisco Catalyst 9000 switching family
- Describe the Cisco Catalyst 9000 family's support for security, Quality of Service (QoS), and Internet of Things (IoT) convergence features
- Describe the Cisco Catalyst 9000 family's support for cloud hosting and connectivity, along with automation features
- Explore the SD-Access solution fundamentals, deployment models for the Cisco Catalyst 9000 family, and the use of Cisco DNA Center to manage infrastructure devices

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