

kod szkolenia: ENC9K / PL AA 3d

Implementing Cisco Catalyst 9000 Series Switches

The Implementing Cisco Catalyst 9000 Switches (ENC9K) v3.0 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 Cisco DNA Center.



Przeznaczenie szkolenia

Who should enroll

- Network designers
- Network managers
- System engineers



Korzyści wynikające z ukończenia szkolenia

This course will help you:

- Prepare for successful deployment of the Cisco Catalyst 9000 Series Switches
- Understand the role of Cisco Catalyst 9000 Series Switches in the SD-Access fabric
- Learn to provision Cisco Catalyst 9000 Series Switches using Cisco DNA center as the orchestration platform
- Gain hands-on practice through in-depth lab exercises



Oczekiwane przygotowanie słuchaczy

You are expected to have the following knowledge and skills before attending this course:

- Cisco CCNP® certification or equivalent experience
- Knowledge of configuring LAN routing and switching with Cisco Catalyst switches
- Familiarity with the Cisco IOS XE operating system
- Familiarity with Cisco Identity Services Engine (ISE)
- Familiarity with using network management software
- Familiarity with Cisco Intent-based networking and policy-based management automation technologies

The following Cisco offerings can help you prepare for this course:

- Implementing and Administering Cisco Solutions (CCNA)
- Understanding Cisco SDA Fundamentals (SDAFND)
- Implementing Automation for Cisco Enterprise Solutions (ENAU1)



Język szkolenia

- Szkolenie: polski
- Materiały: angielski



Czas trwania

3 dni / 21 godzin

Agenda szkolenia

Course outline

- Introducing the Cisco Catalyst 9000 Series Switches
- Introducing Cisco Catalyst 9200 Series Switches
- Introducing Cisco Catalyst 9300 Series Switches
- Introducing Cisco Catalyst 9400 Series Switches
- Introducing Cisco Catalyst 9500 Series Switches
- Introducing Cisco Catalyst 9600 Series Switches

- Positioning Cisco Catalyst 9000 Series Switches
- Examining the Cisco Catalyst 9000 Series Switches Management Capabilities
- Describing New Features on Cisco Catalyst 9000 Series Switches
- Describing Scale and Performance Features on Cisco Catalyst 9000 Series Switches
- Describing Security, QoS, and IoT Convergence Features on Cisco Catalyst 9000 Series Switches
- Describing Cloud and Automation Features on Cisco Catalyst 9000 Series Switches
- Describing Cisco SD-Access Solution and Cisco Catalyst 9000 Series Switches

Lab outline

- Application Hosting on Cisco Catalyst 9000 Series Switches Using the CLI
- Perform GIR on a Cisco Catalyst 9000 Series Switch
- Application Hosting on Cisco Catalyst 9300 Using Cisco DNA Center
- Configuring and Verifying a Switch Stack
- Enable and Verify Encrypted Traffic Analytics
- Configure Perpetual PoE and Fast PoE on a Cisco Catalyst 9000 Series Switch
- Configure Packet Capture on a Cisco Catalyst 9300 Series Switch
- Explore Switch Management Automation and Programmability