



Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Kód:	DÉLKA:	CENA:
JUN_IJOS	3 (den)	Kč 53,000.00

Description

Školení je vedeno virtuálně v anglickém jazyce ve školicím středisku Arrow v Anglii.
Cena školení je 1 750 GBP bez DPH - tato cena bude při fakturaci přepočtena aktuálním kurzem.

This three-day course provides students with the foundational knowledge required to work with the Junos operating system and to configure Junos devices.

The course provides a brief overview of the Junos device families and discusses the key architectural components of the software. Key topics include user interface options with a heavy focus on the command-line interface (CLI), configuration tasks typically associated with the initial setup of devices, interface configuration basics with configuration examples, secondary system configuration, and the basics of operational monitoring and maintenance of Junos devices.

The course then delves into foundational routing knowledge and configuration examples including general routing concepts, routing policy, and firewall filters.

Through demonstrations and hands-on labs, students will gain experience in configuring and monitoring the Junos OS and monitoring basic device operations.

This course is based on Junos OS Release 15.1X49.

- ACX Series
- Appsecure
- Contrail
- EX Series
- JSA Series
- Junos OS
- Junos Space
- M Series
- MX Series
- NFX Series
- PTX Series
- QFabric
- QFX Series
- SRX Series

Introduction to the Junos Operating System (IJOS) is an introductory level course. Relevant Juniper Products • T Series

Cíle

- Describe the basic design architecture of the Junos OS.
- Navigate within the Junos CLI.
- Perform tasks within the CLI operational and configuration modes.
- Restore a Junos device to its factory-default state.
- Perform initial configuration tasks.
- Configure and monitor network interfaces.
- Describe user configuration and authentication options.
- Perform secondary configuration tasks for features and services such as system logging (syslog) and tracing, Network Time Protocol (NTP), configuration archival, and SNMP.
- Monitor basic operation for the Junos OS and devices.
- Identify and use network utilities.
- Upgrade the Junos OS.
- Perform file system maintenance and password recovery on a Junos device.
- Navigate within the Junos J-Web interface.
- Explain basic routing operations and concepts.
- View and describe routing and forwarding tables.
- Configure and monitor static routing.
- Configure and monitor OSPF.
- Describe the framework for routing policy and firewall filters.
- Explain the evaluation of routing policy and firewall filters.
- Identify instances where you might use routing policy.
- Write and apply a routing policy.
- Identify instances where you might use firewall filters.
- Write and apply a firewall filter.
- Describe the operation and configuration for unicast reverse path forwarding (RPF).

Určeno pro

This course benefits individuals responsible for configuring and monitoring devices running the Junos OS.

Vstupní znalosti

Students should have basic networking knowledge and an understanding of the Open Systems Interconnection (OSI) reference model and the TCP/IP protocol suite.

Program

		User Interface Options: The Junos CLI
		• User Interface Options
		• The Junos CLI: CLI Basics
		• The Junos CLI: Operational Mode
		• The Junos CLI: Configuration Mode
		LAB 1: The Junos CLI
		User Interface Options: The J-Web Interface
	Junos Operating System Fundamentals	• The J-Web GUI
	• The Junos OS	• Configuration
	• Traffic Processing	
Day 1 Course Introduction	• Overview of Junos Devices	LAB 1: The J-Web Interface
Initial Configuration	Secondary System Configuration	
• Factory-Default Configuration	• User Configuration and Authentication	
• Initial Configuration	• System Logging and Tracing	
• Interface Configuration	• Network Time Protocol	
	• Archiving Configurations • SNMP	
LAB 2: Initial System Configuration	Day 2 LAB 3: Secondary System Configuration	

Operational Monitoring and Maintenance

- Monitoring Platform and Interface Operation
- Network Utilities
- Maintaining the Junos OS
- Password Recovery
- System Clean-Up

LAB 4: Operational Monitoring and Maintenance

Interface Configuration Examples

- Review of the Interface Configuration Hierarchy
- Interface Configuration Examples
- Using Configuration Groups

Routing Fundamentals

- Routing Concepts: Overview of Routing
- Routing Concepts: The Routing Table
- Routing Concepts: Routing Instances
- Static Routing
- Dynamic Routing

LAB 5: Routing Fundamentals

Routing Policy

- Routing Policy Overview
- Case Study: Routing Policy

Day 3 LAB 6: Routing Policy

Firewall Filters

- Firewall Filters Overview
- Case Study: Firewall Filters
- Unicast Reverse-Path-Forwarding Checks

LAB 7: Firewall Filters

Class of Service

- CoS Overview
- Traffic Classification
- Traffic Queueing
- Traffic Scheduling
- Case Study: CoS

LAB 8: Class of Service

JTAC Procedures

- Opening a Support Case
- Customer Support Tools
- Transferring Files to JTAC

Juniper Security Concepts

- Security Challenges
- Juniper Networks' Security Focus

IPv6 Fundamentals

- IPv6 Addressing
- Protocols and Services
- Configuration

Termíny školení

Termíny školení na vyžádání, [kontaktujte nás prosím](#)

Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)