



Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

Arrow ECS, a.s., 28. října 3390/111a, 702 00 Ostrava

Email: training.ecs.cz@arrow.com
Phone: +420 597 488 811

Kód:	DÉLKA:	CENA:
JUN_JCF	24 Hours (3 DENNÍ)	Kč bez DPH 69,500.00

Description

Školení je vedeno virtuálně v anglickém jazyce ve školicím středisku Arrow v Anglii.
Cena školení je 2 295 GBP bez DPH - tato cena bude při fakturaci přepočtena aktuálním kurzem.

This three-day course is designed to provide students with an understanding of cloud enabled networks, cloud service deployment concepts, and virtualized network platforms such as vSRX and vMX.

This course provides a high-level overview and understanding of the following concepts:

- Software Defined Networks
- Cloud Network Underlays
- Cloud Network Overlays
- Cloud Design
- Cloud Implementation Methods
- Cloud Services
- Juniper Networks Virtualized Platforms.
- Contrail
- Junos Space
- Junos Space Security Director
- Junos Space Network Director
- Junosphere/VJX
- MX Series
- NFX Series
- NorthStar Controller
- SSG Series

Juniper Cloud Fundamentals (JCF) is an introductory-level course. Relevant Juniper Product • NorthStar Planner

Cíle

- Explain network overlay and underlay concepts.
- Describe private, public, and hybrid cloud architecture and implementation.
- Describe the implementation of services in a cloud networking environment.
- Describe the implementation and functions of the Juniper vSRX platform.
- Describe the implementation and functions of the Juniper vMX platform.
- Describe the implementation and functions of the Juniper NFX platform.
- Explain the role of Juniper Networks virtualized platforms in public cloud offerings.
- Describe the functionality and use of Juniper Networks Cloud Connector.
- Explain the need for Software Defined Networking.
- List basic SDN concepts.
- Describe common types of SDN implementation.
- Describe the main Network Function Virtualization components.
- Describe cloud services monitoring.
- Explain the role and functions of AppFormix in cloud services.
- Explain SDN WAN concepts.
- Describe the role, functions, and features of the NorthStar Controller.
- Describe the role, functions, and features of NorthStar Planner.
- Describe the role and functions a vCPE and uCPE components.
- Explain the role, components and functions of Contrail Service Orchestration.
- Explain the role, components and functions of Contrail Networking.
- Explain Software Defined Secure Network concepts.
- Describe methods to secure an SDN environment.
- Explain the functionality of SDSN components.

Určeno pro

The primary audiences for this course are individuals responsible for planning and coordinating cloud enabled networks and services in data center, private cloud, public cloud, hybrid cloud, service provider, and enterprise WAN environments.

Vstupní znalosti

- Basic TCP/IP skills
- Basic network understanding
- General understanding of data center environments
- General understanding of enterprise WAN environments
- Basic understanding of virtualization

Program

Cloud Components

- Network Overlay and Underlay Concepts
- Private, Public, and Hybrid Cloud Architecture and Implementation
- Types of Services in a Cloud Network Environment

Virtualized Platforms

- Implementation of the vSRX Platform
- Implementation of the vMX Platform
- Implementation of the NFX Platform
- Juniper Networks Virtualized Platforms in Public Clouds

Day 1 Course Introduction • Cloud Connector

SDN Fundamentals

- The Need for SDN
- Main SDN Concepts
- Common Types of SDN
- Network Function Virtualization
- Introduction to NFV Architecture
- Main NFV Components
- Examples of VNFs

Lab: Deploying Juniper Networks Virtual Devices – Vmx Day 2

Lab: Manually Deploying VNFs

Orchestration and Automation

- Orchestration and Automation Tools in Cloud Networking
- Difference Between SDN Automation and Orchestration
- Roles of Cloud Networking Components
- Contrail Networking Components

AppFormix

- Role of AppFormix
- Components of AppFormix
- Monitoring services in AppFormix

Lab: AppFormix

Day 3

SDN WAN Solutions

- SDN WAN Concepts
- Components of the NorthStar SDN WAN Controller
- NorthStar Controller in WAN Environments
- NorthStar Planner Concepts
- Functionality of NorthStar Planner

Cloud CPE

- Legacy Versus Cloud CPE Architecture
 - Types of Services in a Cloud Network Environment
- Lab: Cloud CPE (video demonstration)

Termíny školení

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

Dodatečné informace

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