

Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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VMware NSX-T Data Center: What's New [V3.2]

Kód: DÉLKA: CENA:

VMW NSXTWN32 24 Hours (3 DENNÍ) Kč bez DPH 32,000.00

Description

Cena kurzu je 1 130 EUR a bude přepočtena aktuálním kurzem poslední den školení.

V tomto třídenním praktickém školení Vás seznámíme s novými funkcemi a vylepšeními VMware NSX-T™ Data Center 3.2. Naučíme Vás pracovat s novými funkcemi zabezpečení v NSX-T Data Center 3.2, včetně NSX Application Platform, NSX Malware Prevention, NSX Intrusion Detection a Prevention, URL Filtering, VMware NSX® Intelligence™, a VMware NSX® Network Detection a Response™.

Tento kurz se také zabývá architektonickými a provozními změnami zavedenými ve verzi 3.2 a věnuje se vylepšení v OSPF, VMware NSX® Advanced Load Balancer™ a NSX Federation.

Cíle

By the end of the course, you should be able to meet the following objectives:

- Describe the architectural and operations enhancements in NSX-T Data Center 3.2
- Configure OSPF in NSX-T Data Center 3.2
- Describe the NSX security architecture and features of NSX-T Data Center 3.2
- · Configure Distributed Firewall on VDS for security use cases
- · Configure URL Filtering and Identity Firewall on NSX Edge nodes
- · Configure NSX Intrusion Detection and Prevention for east-west traffic
- Deploy NSX Application Platform
- · Configure NSX Malware Prevention for east-west and north-south traffic
- Analyze the networking secure posture and threats with NSX Intelligence and NSX Network Detection and Response
- · Deploy the NSX Advanced Load Balancer components
- Describe the NSX Federation enhancements in NSX-T Data Center 3.2

Určeno pro

Network and security administrators, IT managers, VMware partners, and individuals responsible for implementing and managing the NSX-T Data Center deployments

Vstupní znalosti

This course requires completion of the VMware NSX-T Data Center: Install, Configure, Manage course or equivalent knowledge and administration experience with NSX-T Data Center 3.0 or above.

Solid understanding of the concepts presented in the Kubernetes Fundamentals course is also required.

The following knowledge is beneficial:

- · Understanding of TCP/IP services and protocols
- Knowledge and working experience of computer networking, including switching and routing technologies (L2-L3) and L2-L7 firewall
- · Knowledge and working experience with VMware vSphere® environments
- · Knowledge and working experience with Kubernetes or vSphere with Tanzu environments.

The VMware Certified Professional – Network Virtualization (2021) certification is recommended.

Program

- 1 Course Introduction
- · Introduction and course logistics

- · Course objectives
- 2 NSX Architecture and Operations
- · Review key components of the NSX-T Data Center architecture
- · Explain the Management Plane to Policy Promotion tool
- · Compare Live Traffic Analysis with traditional network traffic analysis methods
- Identify how Fabric View helps visualize the underlying network fabric of a topology
- Recognize improvements in historical trending for network and system monitoring
- · Explain how the fabric MTU health check can be used to identify an MTU mismatch
- 3 OSPF Routing Protocol
- Explain the core concepts of OSPF routing
- · Define the OSPF use cases in NSX-T Data Center
- Explain the Tier-0 gateway topologies with OSPF
- · Configure OSPF in NSX-T Data Center
- 4 NSX Security Overview
- Describe the NSX security architecture and main components
- · Identify the use cases for NSX Distributed Security
- · Identify the use cases for NSX Gateway Security
- · Describe NSX Network Detection and Response
- 5 Distributed Firewall on VDS: Use Case for Security
- · Identify the distributed firewall on VDS requirements
- · Configure the distributed firewall on VDS
- · Validate the distributed firewall on VDS configurations
- 6 Gateway Security
- · Identify use cases for URL filtering
- · Describe the URL filtering architecture
- · Configure URL filtering
- · Describe the uses cases, architecture, and components of Identity Firewall
- · Configure Identity Firewall for north-south traffic
- 7 Intrusion Detection and Prevention
- Describe the MITRE ATT&CK framework
- · Explain the phases of a cyberattack
- · Describe features and methods used by intrusion detection and prevention systems
- Identify VMware NSX® Distributed IDS/IPS™ use cases
- · Describe the NSX Distributed IDS/IPS terminology and architecture
- · Configure NSX Distributed IDS/IPS
- 8 NSX Application Platform
- Describe NSX Application Platform and its use cases
- · Define the core concepts of vSphere with Tanzu
- · Deploy NSX Application Platform on vSphere with Tanzu
- Explain the NSX Application Platform architecture and services
- · Scale out and scale up NSX Application Platform
- 9 Malware Prevention
- Describe techniques used in malware prevention
- · Identify use cases for NSX Malware Prevention
- · Identify the components in the NSX Malware Prevention architecture
- Describe the NSX Malware Prevention packet flows for known and unknown files
- · Configure NSX Malware Prevention for east-west and north-south traffic
- 10 NSX Intelligence and NSX Network Detection and Response
- Describe the NSX Intelligence architecture and core components
- · Install NSX Intelligence
- Describe NSX Intelligence visualization, recommendation, and Suspicious Traffic Detection enhancements
- · Describe NSX Network Detection and Response architecture and its use cases
- Activate NSX Network Detection and Response
- Describe the visualization capabilities of NSX Network Detection and Response
- 11 NSX Advanced Load Balancer
- · Describe NSX Advanced Load Balancer and its use cases
- Explain the NSX Advanced Load Balancer architecture
- Deploy NSX Advanced Load Balancer
- · Explain the NSX Advanced Load Balancer components and how they manage traffic
- Configure virtual IP addresses, virtual services, and server pools
- · Perform basic troubleshooting of virtual services, server pools, and service engines
- 12 NSX Federation Enhancements
- · Recognize NSX Federation use cases
- · Describe the main components of the NSX Federation architecture
- · Explain LDAP support for the Global Manager
- · Explain the purpose of firewall drafts on the NSX Global Manager
- · Explain NSX Federation support for tag-based replicati

Termíny školení

Termíny školení na vyžádání, kontaktujte nás prosím

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.