

VNSXTDC32-WN

VMware NSX-T Data Center: What's New

24 horas

Network Virtualization

VMware

INTRODUÇÃO

In this three-day, hands-on training course, you explore the new features and enhancements in VMware NSX-T™ Data Center 3.2. You will be introduced to all new security features in NSX-T Data Center 3.2, including NSX Application Platform, NSX Malware Prevention, NSX Intrusion Detection and Prevention, URL Filtering, VMware NSX® Intelligence™, and VMware NSX® Network Detection and Response™. This course also discusses the architectural and operational changes introduced in version 3.2 and discusses the enhancements to OSPF, VMware NSX® Advanced Load Balancer™, and NSX Federation.

OBJETIVO DO CURSO

Objectives

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

PÚBLICO-ALVO

Audience

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

PRÉ-REQUISITOS

Prerequisites

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.

CONTEÚDO PROGRAMÁTICO

Outline

1. Course Introduction
2. NSX Architecture and Operations
3. OSPF Routing Protocol
4. NSX Security Overview
5. Distributed Firewall on VDS: Use Case for Security
6. Gateway Security
7. Intrusion Detection and Prevention
8. NSX Application Platform
9. Malware Prevention
10. NSX Intelligence and NSX Network Detection and Response
11. NSX Advanced Load Balancer
12. NSX Federation Enhancements