

## VNSXTDC32-ICM

# VMware NSX-T Data Center: Install, Configure, Manage

40 horas

Network Virtualization

VMware

## INTRODUÇÃO

This five-day, fast-paced course provides comprehensive training on how to install, configure, and manage a VMware NSX-T™ Data Center environment. This course covers key NSX-T Data Center features and functionality offered in the NSX-T Data Center 3.2 release, including the overall infrastructure, logical switching, logical routing, networking and security services, firewalls and advanced threat prevention, and more.

## OBJETIVO DO CURSO

Objectives

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

- Describe the architecture and main components of NSX-T Data Center.
- Explain the features and benefits of NSX-T Data Center.
- Deploy the NSX Management cluster and VMware NSX® Edge™ nodes.
- Prepare VMware ESXi™ and KVM hosts to participate in NSX-T Data Center networking.
- Create and configure segments for layer 2 forwarding.
- Create and configure Tier-0 and Tier-1 gateways for logical routing.
- Use distributed and gateway firewall policies to filter east-west and north-south traffic in NSX-T Data Center.
- Configure Advanced Threat Prevention features.
- Configure network services on NSX Edge nodes.
- Use VMware Identity Manager and LDAP to manage users and Access.
- Explain the use cases, importance, and architecture of Federation.

## PÚBLICO-ALVO

Audience

Experienced security administrators or network administrators.

## PRÉ-REQUISITOS

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### Prerequisites

- Good 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 VMware Tanzu™ environments

Solid understanding of concepts presented in the following courses:

- VMware Virtual Cloud Network: Core Technical Skills
- VMware Data Center Virtualization: Core Technical Skills
- Kubernetes Fundamentals

## CONTEÚDO PROGRAMÁTICO

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### Outline Course

1. Course Introduction
2. VMware Virtual Cloud Network and NSX-T Data Center
3. Preparing the NSX-T Data Center Infrastructure
4. NSX-T Data Center Logical Switching
5. NSX-T Data Center Logical Routing
6. NSX-T Data Center Bridging
7. NSX-T Data Center Firewalls
8. NSX-T Data Center Advanced Threat Prevention
9. NSX-T Data Center Services
10. NSX-T Data Center User and Role Management
11. NSX-T Data Center Federation