

VNSXTDC32-ICM (VMWARE NSX-T DATA CENTER: INSTALL, CONFIGURE, MANAGE) 3.2

Objetivo

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

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

Carga Horária

40 horas (5 dias).

Conteúdo Programático

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