



*Training Course:
Mastering VMware NSX-T: Comprehensive
Training for Network Virtualization and Security*

6 - 10 October 2024

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Mastering VMware NSX-T: Comprehensive Training for Network Virtualization and Security

Training Course code: IT235379 From: 6 - 10 October 2024 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3575 € Euro

Introduction

Welcome to the VMware NSX-T Training Program! In this comprehensive 5-day course, participants will delve into the intricacies of VMware NSX-T, VMware's leading network virtualization and security platform. NSX-T enables organizations to create dynamic, scalable, and secure networking and security architectures for modern data centers, cloud environments, and edge deployments. Through a combination of lectures, demonstrations, and hands-on labs, participants will gain the knowledge and skills necessary to design, deploy, and manage NSX-T environments effectively.

Objectives

By the end of this training program, participants will:

- Understand the fundamentals of VMware NSX-T, including its architecture, components, and deployment options.
- Learn how to configure and manage NSX-T networking components, including logical switches, routers, and transport zones.
- Explore advanced networking features in NSX-T, such as NSX-T Edge Services Gateway ESG, distributed firewall DFW, and load balancing.
- Gain insights into NSX-T security capabilities, including micro-segmentation, security policies, and intrusion detection and prevention.
- Develop proficiency in automating NSX-T deployments and integrating NSX-T with automation and orchestration tools such as VMware vRealize Automation.
- Acquire troubleshooting skills to identify and resolve common issues in NSX-T environments.

Target Audience

This training program is ideal for:

- Network administrators and engineers seeking to enhance their skills in network virtualization and software-defined networking SDN.
- System administrators responsible for deploying and managing virtualized infrastructure.
- Security professionals interested in leveraging NSX-T for micro-segmentation and advanced security features.
- Cloud architects and engineers involved in designing and implementing cloud-native applications and hybrid cloud environments.
- IT professionals preparing for VMware NSX-T certification exams, such as the VMware Certified Professional - Network Virtualization VCP-NV certification.

Training Program Outline

Day 1: Introduction and Installation

- Overview of VMware NSX-T
- Benefits and Use Cases
- Deployment Options
- NSX-T Installation

Day 2: Networking Basics with NSX-T

- Introduction to NSX-T Networking
- Logical Switching
- Logical Routing
- Transport Zones and Profiles

Day 3: Advanced Networking Features

- NSX-T Edge Services Gateway ESG
- Distributed Firewall DFW
- NAT and Load Balancing
- VPNs and SSL VPNs

Day 4: Security and Micro-Segmentation

- Security Challenges in Modern Data Centers
- Micro-Segmentation Concepts
- NSX-T Security Policies
- IDS/IPS Integration

Day 5: Automation and Orchestration

- Introduction to Automation with NSX-T
- NSX-T API and Automation Tools
- Integrating NSX-T with VMware vRealize Automation
- Troubleshooting NSX-T Deployments

Registration form on the Training Course: Mastering VMware NSX-T: Comprehensive Training for Network Virtualization and Security

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