

VMware NSX-T Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

VMware NSX-T Training by Multisoft Systems is designed to equip IT professionals with the knowledge and skills required to manage and deploy network virtualization and security solutions.

Module 1: Course Introduction

- ✓ Introductions and course logistics
- ✓ Course objectives

Module 2: Security Basics

- ✓ Define information security related concepts
- ✓ Explain different types of firewalls and their use cases
- ✓ Describe the operation of Intrusion Detection and Intrusion Prevention Systems

Module 3: VMware Intrinsic Security

- ✓ Define VMware intrinsic security strategy
- ✓ Describe VMware intrinsic security portfolio
- ✓ Explain how NSX-T Data Center aligns in the intrinsic security strategy

Module 4: Implementing Zero-Trust Security

- ✓ Define Zero-Trust Security
- ✓ Describe the five pillars of a Zero-Trust Architecture
- ✓ Define NSX segmentation and its use cases
- ✓ Describe the steps needed to enforce Zero-Trust with NSX segmentation

Module 5: User and Role Management

- ✓ Integrate NSX-T Data Center and VMware Identity Manager™
- ✓ Integrate NSX-T Data Center and LDAP
- ✓ Describe the native users and roles in NSX-T Data Center
- ✓ Create and assign custom user roles

Module 6: Distributed Firewall

- ✓ Configure Distributed Firewall rules and policies

- ✓ Describe the Distributed Firewall architecture
- ✓ Troubleshoot common problems related to Distributed Firewall
- ✓ Configure time-based policies
- ✓ Configure Identity Firewall rules

Module 7: Gateway Security

- ✓ Configure gateway firewall rules and policies
- ✓ Describe the architecture of the gateway firewall
- ✓ Identify and troubleshoot common gateway firewall issues
- ✓ Configure URL analysis and identify common configuration issues

Module 8: Operating Internal Firewalls

- ✓ Use vRealize Log Insight, vRealize Network Insight, and NSX Intelligence to operate NSX firewalls
- ✓ Explain NSX Intelligence visualization and recommendation capabilities
- ✓ Explain security best practices related to grouping, tagging, and rule configuration

Module 9: Network Introspection

- ✓ Explain network introspection
- ✓ Describe the architecture and workflows of North-South and East-West service insertion
- ✓ Troubleshoot North-South and East-West service insertion

Module 10: Endpoint Protection

- ✓ Explain Endpoint Protection
- ✓ Describe the architecture and workflows of endpoint protection
- ✓ Troubleshoot endpoint protection

Module 11: Advanced Threat Prevention

- ✓ Describe the MITRE ATT&CK Framework
- ✓ Explain the different phases of a cyber attack
- ✓ Describe how NSX security solutions can be used to protect against cyber attacks
- ✓ Configure and troubleshoot Distributed IDS/IPS
- ✓ Describe the capabilities of Network Detection and Response