



# VMware NSX: Troubleshooting and Operations (NSXTO)

ID NSXTO Price 3,980.— €excl. tax) Duration 5 days

#### Who should attend

Network professionals that work with enterprise networks and VMware vSphere®.

## This course is part of the following Certifications

VMware Certified Professional – Network Virtualization (VCP-NV) VMware Certified Advanced Professional – Network Virtualization Deploy (VCAP-NV DEPLOY)

#### **Prerequisites**

- Understanding of concepts presented in the <u>VMware NSX:</u> <u>Install, Configure, Manage [V4.0] (NSXICM4)</u> course.
- Passing of the VCP-NV certification is recommended

### **Course Objectives**

This course prepares attendees to troubleshoot and operate a VMware NSX<sup>™</sup> deployment. Students learn how to isolate problems and identify resolutions through a systematic process. In addition, students gain an understanding of how VMware NSX integrateswithVMwarevRealize<sup>™</sup>Operations<sup>™</sup>,VMwarevRealize<sup>™</sup>Log Insight<sup>™</sup>, and other management tools.

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

- Create and apply a troubleshooting methodology
- Troubleshoot NSX component issues
- Troubleshoot physical networking issues
- Troubleshoot logical networking issues
- Troubleshoot security configuration issues
- Configure centralized logging with Log Insight
- Create a monitoring and operational plan for NSX
- Integrate NSX with vRealize Operations
- Integrate NSX with VMware vRealize™ Automation

- Troubleshooting vSphere and NSX Components
- Monitoring and Troubleshooting NSX Networking
- Monitoring and Troubleshooting NSX Security
- · Support Process and Log Collection
- Operations and Management Automation

## **Detailed Course Outline**

- 1 Course Introduction
  - · Introductions and course logistics
  - Course objectives
- 2 Troubleshooting vSphere and NSX Components
  - vSphere Virtual Data Center
  - VMware NSX Manager™
  - VMware NSX Controller™
- 3 Monitoring and Troubleshooting NSX Networking
  - · Logical switches
  - Logical routing
  - Bridging
  - Edge services
- 4 Monitoring and Troubleshooting NSX Security
  - Distributed Firewall
  - Edge Firewall
  - Activity Monitoring
- 5 Support Process and Log Collection
- 6 Operations and Management Automation
  - NSX and vRealize Automation
  - NSX and vRealize Operations
  - NSX and Log Insight
  - Physical and Virtual Network Management

#### **Course Content**

Course Introduction

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace. as well as management and leadership skills, IT and project management.

# **Fast Lane Services**

- ✓ High End Technology Training
- ✓ Business & Soft Skill Training
- ✓ Consulting Services
- ✓ Managed Training Services
- ✓ Digital Learning Solutions
- ✓ Content Development
- ✓ Remote Labs
- ✓ Talent Programs

**Training Methods** 

✓ Classroom Training

✓ Event Management Services



















✓ Instructor-Led Online Training

- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobile Learning





AUTHORIZED





F#RTINET.





opentext\*





- ✓ Digital Transformation
- ✓ Artificial Intelligence
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center

















Worldwide Presence

with high-end training centers

around the globe

CompTIA.





# **Multiple Awards**

from vendors such as AWS, Microsoft, Cisco, Google, NetApp, **VMware** 



# **Experienced SMEs**

with over 19.000 combined certifications

# Germany

Fast Lane Institute for Knowledge Transfer GmbH

Tel. +49 40 25334610

info@flane.de / www.flane.de

# Austria

**ITLS GmbH** 

(Partner of Fast Lane) Tel. +43 1 6000 8800

info@itls.at / www.itls.at

#### **Switzerland**

Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Tel. +41 44 8325080

info@flane.ch / www.flane.ch