

## VNSX64-TO

# VMware NSX: Troubleshooting and Operations [V6.4]

40 horas

Network Virtualization

VMware

## INTRODUÇÃO

This five-day, hands-on training course provides you with the advanced knowledge, skills, and tools to achieve competence in operating and troubleshooting the VMware NSX® 6.4 environment. In this course, you are introduced to several operational, management, and troubleshooting tools. You will be presented with various types of technical problems, which you will identify, analyze, and solve through a systematic process.

## OBJETIVO DO CURSO

### Objectives

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

- Establish and apply a structured troubleshooting approach and methodology
- Explain the native NSX tools, VMware vRealize® Suite tools, and partner tools that are useful for monitoring, troubleshooting, and operations
- Explain the NSX infrastructure components and the communications between them
- Identify, analyze, and troubleshoot problems related to the NSX management, control, and data planes
- Identify, analyze and troubleshoot problems related to NSX logical switching, logical routing, and

VMware NSX® Edge™ services

- Identify, analyze, and troubleshoot network security problems related to the NSX distributed firewall and the NSX Edge firewall

### Certifications

This course prepares you for the following certification:

- VMware Certified Advanced Professional 6 – Network Virtualization Deployment (VCAP6-NV Deploy)

## PÚBLICO-ALVO

### Audience profile

Network professionals who work with enterprise networks and VMware Sphere® 6.x

## PRÉ-REQUISITOS

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### Prerequisites

- Knowledge and working experience of computer networking, including:
  - o Switching and routing technologies (L2-3)
  - o Network and application delivery services (L4-7)
- Knowledge and working experience of vSphere
- Knowledge and working experience of NSX installation, configuration, management, and operations

Before taking this course, you ought to take either the VMware NSX: Install, Configure, Manage course or the VMware NSX for Internetworking Experts Fast Track course.

The VMware Certified Professional 6 – Network Virtualization (VCP6-NV) certification is recommended.

## CONTEÚDO PROGRAMÁTICO

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### COURSE OUTLINE

- 1 Course Introduction
- 2 Troubleshooting Methodology
- 3 NSX Troubleshooting and Operational Tools
- 4 Troubleshooting and Operating NSX Infrastructure
- 5 Troubleshooting and Operating NSX Logical Switches
- 6 Troubleshooting and Operating NSX Logical Routers
- 7 Troubleshooting and Operating NSX Edge Services
- 8 Troubleshooting and Operating NSX Security Services

### Product Alignment

- NSX 6.4
- VMware vRealize® Network Insight™ 3.6
- VMware vRealize® Log Insight™ 4.5