# VMware NSX: Install, Configure, and Manage Training

Duration: **5 Day**

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## Overview

This five-day, fast-paced course provides comprehensive training to install, configure, and manage a VMware NSX® environment. This course covers key features and functionality offered in the NSX 4.0.0.1 and NSX 4.0.1 releases, including the overall infrastructure, logical switching, logical routing, networking and security services, firewalls and advanced threat prevention, and more.

**Product Alignment**

- NSX 4.0.0.1
- NSX 4.0.1

## Prerequisites

- Good understanding of TCP/IP services and protocols
- Knowledge and working experience of computer networking, including switching and routing technologies (L2 through L3) and L2 through L7 firewall
- Knowledge and working experience with VMware vSphere® environments
- Knowledge and working experience with Kubernetes or VMware 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

**Target Audience**

- System administrators
- System engineers

## What You Will Learn

- Describe the architecture and main components of NSX
- Explain the features and benefits of NSX
- Deploy the NSX Management cluster and VMware NSX® Edge™ nodes
- Prepare VMware ESXi™ hosts to participate in NSX 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
- 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

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