

# VMware NSX Advanced Load Balancer: Install, Configure, Manage

ID NSXALBICM Price 5,250.— €(excl. VAT) Duration 5 days

## Who should attend

Experienced system administrators and network administrators

## This course is part of the following Certifications

VMware Certified Professional – Network Virtualization  
2024 (VCP-NV 2024)

## Prerequisites

This course has no prerequisites.

## Course Objectives

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

- Describe the NSX Advanced Load Balancer architecture
- Describe the NSX Advanced Load Balancer components and main functions
- Explain the NSX Advanced Load Balancer key features and benefits
- Deploy and configure the NSX Advanced Load Balancer infrastructure within private or public clouds using Write and No-Access Cloud Connectors
- Explain, deploy, and configure Service Engines
- Explain and configure local load balancing constructs such as virtual services, pools, health monitors, and related components
- Explain and configure advanced virtual services and related concepts such as Subject Name Indication, Enhanced Virtual Hosting, and authentication of virtual services
- Explain and modify application behavior through profiles, policies, and DataScripts
- Describe Central licensing management using VMware NSX Advanced Load Balancer Enterprise with Cloud services (formerly Avi Pulse)
- Explain how to configure Role-Based Access Control (RBAC) in NSX Advanced Load Balancer
- Configure advanced services such as global server load balancing
- Describe how to use NSX Advanced Load Balancer REST API interfaces and related automation capabilities

- Describe and configure NSX Advanced Load Balancer application and infrastructure monitoring
- Gather relevant information and perform basic troubleshooting of applications that use built-in NSX Advanced Load Balancer tooling
- Identify the key features of VMware NSX Network Detection and Response

## Course Content

- Course Introduction
- Introduction to NSX Advanced Load Balancer
- Virtual Services Configuration Concepts
- Virtual Services Configuration Advanced Concepts
- Profiles and Policies
- Pools Configuration Concepts
- Modifying Application Behavior
- NSX Advanced Load Balancer Infrastructure Architecture
- Introduction to Cloud Connector
- Installing, Configuring, and Managing NSX Advanced Load Balancer in No-Orchestrator Cloud
- Installing, Configuring, and Managing NSX Advanced Load Balancer in VMware Environment: Cloud Configuration
- AWS Cloud Configuration
- GCP Cloud Configuration
- Azure Cloud Configuration
- NSX Advanced Load Balancer Enterprise with Cloud Services (Avi Pulse)
- DNS Foundations
- Global Server Load Balancing (GSLB)
- Role-Based Access Control (RBAC)
- NSX Advanced Load Balancer: Troubleshooting
- Events and Alerts
- Introduction to NSX Advanced Load Balancer Rest API

# VMware NSX Advanced Load Balancer: Install, Configure, Manage (NSXALBICM)

## Training Centres worldwide



## Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>