Fast Lane

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

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

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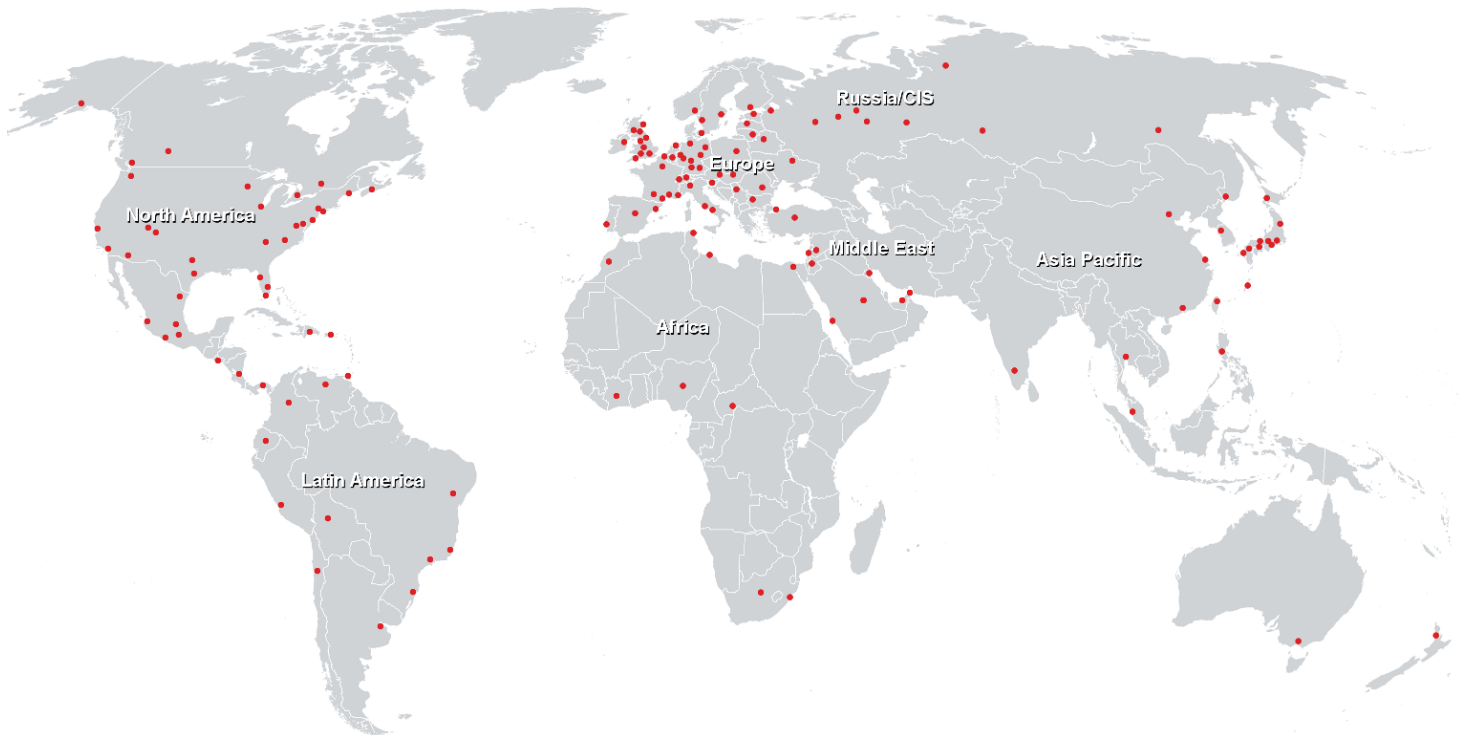
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