

VMware NSX Advanced Load Balancer: Troubleshooting and Operations



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This 3-day, hands-on training course provides you with the advanced knowledge, skills, and tools to achieve competence in operating and troubleshooting the VMware NSX® Advanced Load Balancer™ (Avi) solutions. 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.

Kursinhalt

- Course Introduction
- Introduction to NSX Advanced Load Balancer
- Events and Alerts
- Introduction to NSX Advanced Load Balancer Troubleshooting
- Infrastructure Troubleshooting
- Troubleshooting NSX Advanced Load Balancer Service Engines and Advanced Troubleshooting
- Monitoring NSX Advanced Load Balancer

E-Book Sie erhalten englischsprachige Unterlagen von VMware als E-Book.

Zielgruppe

- Experienced system administrators or network administrators
- Network professionals who have experience working with VMware NSX Advanced Load Balancer (Avi) and are responsible for troubleshooting and operating Application Delivery Controllers solutions

Voraussetzungen

This class requires completion of the following courses:
VMware NSX Advanced Load Balancer: Install, Configure, Manage

Kursziel

Certifications
VMware Certified Professional - Network Virtualization 2022

Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: www.expertech.ch/go/VLBT

Vormerkung

Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

Garantierte Kurstermine

Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Training	Preise zzgl. MwSt.
Termine in der Schweiz	3 Tage
Online Training	3 Tage CHF 2.415,-
Termine auf Anfrage	

Stand 27.04.2024



Inhaltsverzeichnis

VMware NSX Advanced Load Balancer: Troubleshooting and Operations

1 Course Introduction

Introductions and course logistics
Course objectives

2 Introduction to NSX Advanced Load Balancer

Introduce NSX Advanced Load Balancer
Discuss NSX Advanced Load Balancer use cases and benefits
Explain NSX Advanced Load Balancer architecture and components
Explain the management, control, data, and consumption planes and functions

3 Events and Alerts

Describe NSX Advanced Load Balancer Events
Describe and configure NSX Advanced Load Balancer Alerts
Describe NSX Advanced Load Balancer monitoring capabilities leveraging SNMP, Syslog, and email

4 Introduction to NSX Advanced Load Balancer Troubleshooting

Explain NSX Advanced Load Balancer troubleshooting concepts
Describe and leverage Virtual Service Traffic Logs
Describe and leverage Virtual Service Security Insights
Understand and utilize Health Score concepts
Explain and leverage application metrics and analytics
Explain and leverage packet capture and CLI utilities for application troubleshooting
Leverage UI, CLI, and useful log files to perform control plane troubleshooting

5 Infrastructure Troubleshooting

Describe and perform general VMware Cloud Connector troubleshooting
Describe and analyze VMware Cloud Connector state
Leverage case studies to troubleshoot VMware Cloud Connector
Describe and troubleshoot NSX-T Cloud Connector integration
Leverage case studies to troubleshoot NSX-T Cloud Connector
Describe and troubleshoot Linux Server Cloud Connector integration
Describe and troubleshoot OpenStack Cloud

Connector integration
Leverage case studies to troubleshoot OpenStack Cloud Connector
Describe and troubleshoot AWS and Azure Cloud Connector integrations

6 Troubleshooting NSX Advanced Load Balancer Service Engines and Advanced Troubleshooting

Explain general Service Engine infrastructure
Explain and leverage analytics, health score, and metrics for Service Engine troubleshooting
Explain and leverage Events and Alerts for Service Engine troubleshooting
Leverage CLI for accessing Service Engine
Analyze Service Engine logs offline with Tech Support utility and collecting core dumps
Leverage CLI and useful log files for Service Engine Data Plane troubleshooting
Leverage CLI to capture packets for advanced datapath analysis

7 Monitoring NSX Advanced Load Balancer

Explain and configure SNMP-based monitoring
Explain and configure REST API-based monitoring
Describe and leverage 3rd-party integration with monitoring tools like Splunk
Leverage 3rd-party REST API monitoring extensions like Prometheus
Describe and leverage VMware integrations like VMware vRealize® Network Insight™ for monitoring

