

VMware NSX Advanced Load Balancer: Troubleshooting and Operations (NSXALBTO)

ID NSXALBTO Preis auf Anfrage Dauer 3 Tage

Dieser Advanced-Kurs wird direkt von VMware durchgeführt.

Kursüberblick

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 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.

Product Alignment

- NSX Advanced Load Balancer 18.2

Zielgruppe

- Experienced system administrators or network administrators
- Network professionals who have experience working with VMware NSX Advanced Load Balancer 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 \(NSXALBICM\)](#)

Kursziele

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

- Describe the NSX Advanced Load Balancer components and main functions
- Explain NSX Advanced Load Balancer key features and benefits
- Establish and apply a structured troubleshooting approach and methodology
- Identify, analyze, and troubleshoot problems related to the NSX Advanced Load Balancer infrastructure, to include control and data plane components
- Identify, analyze and troubleshoot problems related to application components such as Virtual Services, Pools and related components

Kursinhalt

Course Introduction

- Introductions and course logistics
- Course objectives

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

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

Introduction to NSX Advanced Load Balancer Troubleshooting

- Explain NSX Advanced Load Balancer troubleshooting concepts
- Describe and leverage Application Logs
- Describe and leverage Application Analytics and Security Insights
- Understand and utilize Health Score concepts
- Explain and leverage metrics
- Explain and leverage packet capture and command line utilities
- Describe and leverage UI and CLI utilities to perform Control Plane troubleshooting

monitoring

- Explain and configure REST API-based monitoring
- Describe and leverage 3rd-party REST API monitoring extensions (Grafana, Prometheus)

Cloud Connector Infrastructure Troubleshooting

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

Data Plane Infrastructure 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 Service Engine troubleshooting
- Analyze Service Engine with Tech Support utility
- Leverage CLI for advanced Datapath analysis

Monitoring NSX Advanced Load Balancer

- Explain and configure SNMP-based

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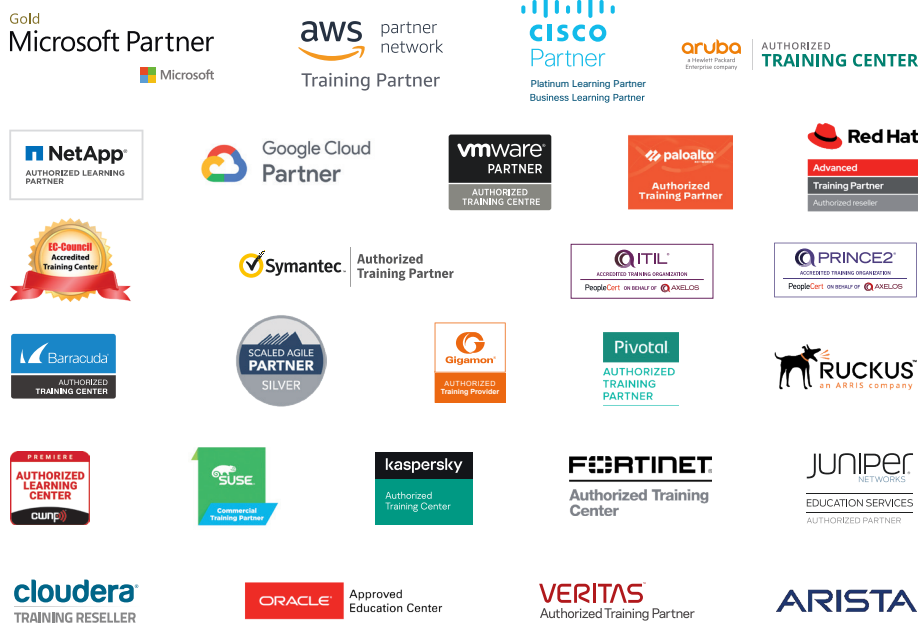
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Trainingsmethoden

- ✓ Klassenraumtraining
- ✓ Instructor-Led Online Training
- ✓ FLEX Classroom – Klassenraum und ILO kombiniert
- ✓ Onsite & Customized Training
- ✓ E-Learning
- ✓ Blended & Hybrid Learning
- ✓ Mobiles Lernen

Technologien und Lösungen

- ✓ Digitale Transformation
- ✓ Artificial Intelligence (AI)
- ✓ Cloud
- ✓ Networking
- ✓ Cyber Security
- ✓ Wireless & Mobility
- ✓ Modern Workplace
- ✓ Data Center



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