Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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VMware NSX Advanced Load Balancer: Troubleshooting and Operations [V20.x]

CÓDIGO:	**DURACIÓN:**	**Precio:**
VMW_NSXALBTO20	24 Hours (3 días)	A consultar

Description

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.

Objetivos

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

- Become familiar with NSX Advanced Load Balancer (Avi) troubleshooting tools and steps to solve the problems.
- Establish and apply a structured troubleshooting approach and methodology
- Understand built-in mechanisms available for NSX Advanced Load Balancer (Avi) monitoring
- Identify, analyze, and troubleshoot problems related to the NSX Advanced Load Balancer infrastructure, includingcontrol and data plane components
- Identify, analyze, and troubleshoot problems related to application components such as Virtual Services, Pools, and related components

Público

Requisitos Previos

This class requires completion of the following courses:

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

Programa

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 casesand 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 utilitiesfor 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

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.