Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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VMware NSX Advanced Load Balancer: Troubleshooting and Operations

CODE:	LENGTH:	PRICE:
VMW_NSXALBTO	24 Hours (3 days)	Request Price

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 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.

Objectives

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

Audience

•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

Prerequisites

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

Programme

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 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
5 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 6 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
7 Monitoring NSX Advanced Load Balancer • Explain and configure SNMP-based monitoring
• Explain and configure REST API-based monitoring
• Describe and leverage 3 rd-party REST API monitoring extensions (Grafana, Prometheus)

Session Dates

Ved forespørsel. Vennligst kontakt oss

Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.