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

ID NSXALBTO **Prix** sur demande **Durée** 3 jours

A qui s'adresse cette formation

- 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

Pré-requis

This class requires completion of the following courses:

- VMware NSX Advanced Load Balancer: Install, Configure, Manage (NSXALBICM)

Objectifs

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

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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

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

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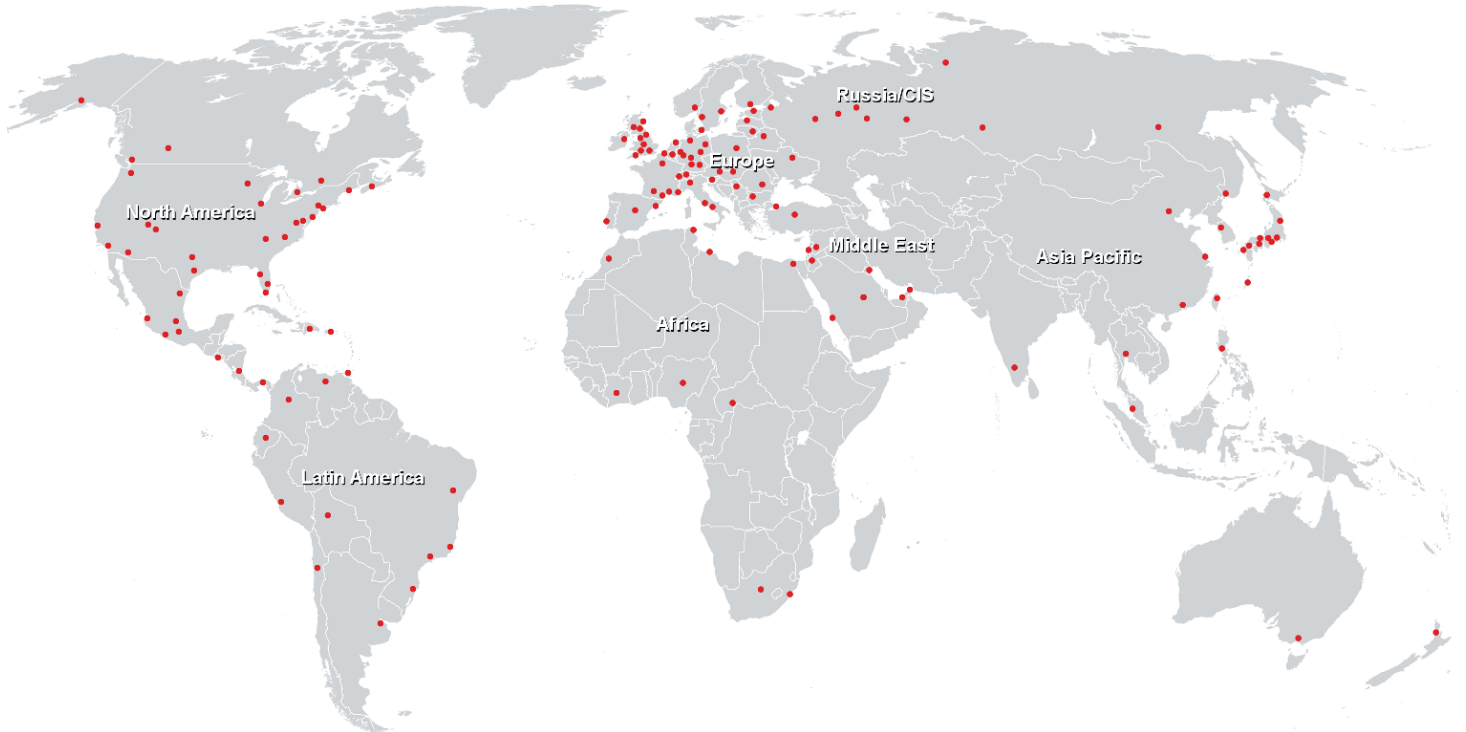
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