VCAP - Network Virtualization Deploy

Z Zetlan Technologies

Online Course

Why us?

✓ **Digital Mastery Awaits**

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✓ **Learn Anytime, Anywhere**

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Course Modules

Planning and Designing

1. Installation, Configuration, and Setup

- Prepare VMware NSX-T Data Center Infrastructure
  - Deploy VMware NSX-T Data Center Infrastructure components
  - Configure Management, Control and Data plane components
  - Configure Transport Zones, IP Pools, Transport Nodes etc.
  - Confirm the NSX-T Data Center config meets design requirements
  - Deploy VMware NSX-T Data Center Infrastructure components
- Create and Manage VMware NSX-T Data Center Virtual Networks
  - Create and Manage Layer 2 services
  - Configure and Manage Layer 2 Bridging
  - Configure Routing including BGP, static routes, VRF Lite & EVPN
- Deploy and Manage VMware NSX-T Data Center Network Services
  - Configure and Manage Logical Load Balancing
  - Configure and Manage Logical Virtual Private Networks (VPNs)
  - NSX-T Data Center Edge NSX-T Data Center Edge Clusters
  - Configure NSX-T Data Center Network Address Translation
  - Configure and Manage DHCP and DNS

- Secure a virtual data center with VMware NSX-T Data Center
  - Configure and Manage Distributed Firewall and Grouping Objects
  - Configure and Manage Gateway Firewall
  - Configure and Manage Identity Firewall
  - Configure and Manage Distributed IDS
  - Configure and Manage URL Analysis
  - Deploy and Manage NSX Intelligence
- Configure and Manage Service Insertion
- Deploy and Manage Central Authentication

2. Performance-tuning, Optimization, Upgrades
- Configure and Manage Enhanced Data Path (N-VDSe)
- Configure and Manage Quality of Service (QoS) settings

3. **Troubleshooting and Repairing**
- Perform Advanced VMware NSX-T Data Center Troubleshooting
  - Tshoot Common VMware NSX-T Data Center Installation
  - Troubleshoot VMware NSX-T Data Center Connectivity Issues
  - Troubleshoot VMware NSX-T Data Center Edge Issues
  - Troubleshoot VMware NSX-T Data Center L2 and L3 services
  - Troubleshoot VMware NSX-T Data Center Security services
  - Utilize VMware NSX-T Data Center native tools to identify

4. Administrative and Operational Tasks

- Perform Operational Mngmnt of a VMware NSX-T Data Center
- Backup and Restore Network Configurations
- Monitor a VMware NSX-T Data Center Implementation
- Manage Role Based Access Control
- Restrict management network access using VIDM access policies
- Manage syslog settings
- Utilize API & CLI to manage a VMware NSX-T Data Cnter Deplymt
- Administer & Execute calls using the VMware NSX-T Data Center

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The efficiency of online learning
in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.

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