



VMware NSX: Install, Configure, Manage [V6.2]

Outline for this course:

- 1. Course Introduction**
 - Introductions and course logistics
 - Course objectives
- 2. Software-Defined Data Center**
 - Describe the evolution of the software-defined data center
 - Describe VMware vSphere®
 - Describe VMware NSX
- 3. Management and Control Plane Components**
 - Understand the management, control, and data planes
 - Describe VMware NSX® Manager™
 - Describe the VMware NSX® Controller™ cluster
- 4. Logical Switch Networks**
 - Describe Ethernet fundamentals
 - Describe VMware vSphere® Distributed Switch™
 - Describe switch link aggregation
 - Describe VLAN
 - Describe VXLAN logical switch networks
 - Describe VMware NSX Controller replication
- 5. VMware NSX Logical Routing**
 - Discuss routing protocols
 - Describe the VMware NSX logical router
 - Describe the NSX Edge services gateway
- 6. VMware NSX L2 Bridging**
 - Understand L2 bridging and use cases
 - Describe L2 software bridging
 - Describe L2 hardware bridging
- 7. NSX Edge Gateway Services**
 - Describe network address translation
 - Describe load balancing
 - Describe high availability
 - Describe virtual private networking
 - Configure L2 VPN
 - Configure IPsec VPN
 - Configure SSL VPN-Plus
- 8. VMware NSX Firewall and Security Services**

- Describe the NSX Edge firewall
- Describe the VMware NSX distributed firewall
- Describe VMware NSX data security
- Describe the Service Composer
- Describe the identity-aware firewall

9. Cross-vCenter VMware NSX

- Understand the cross-vCenter VMware NSX feature
- Identify the benefits of the cross-vCenter VMware NSX feature
- Configure the cross-vCenter VMware NSX feature
- Discuss the deployment models for cross-vCenter VMware NSX

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