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# VMware

## 2V0-641 Exam

VMware Certified Professional 6 - Network Virtualization Beta Exam

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Questions  
& Answers

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**Question: 1**

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Which statement describes proper packet processing of layer 3 traffic in an NSX for vSphere topology?

- A. All packets are processed by the distributed router. No packets are processed by the Logical Router Control VM.
- B. Only packets requiring routing to another VM on the same host are processed by the distributed router. Other packets are processed by the Logical Router Control VM.
- C. Only packets requiring routing to another VM on a different host are processed by the distributed router. Other packets are processed by the Logical Router Control VM.
- D. All packets requiring routing are processed by performing a lookup in the Logical Router Control VM and then forwarded.

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**Answer: A**

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**Question: 2**

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What are two advantages for using NSX for vSphere's Logical Switching? (Choose two.)

- A. Expands the number of available VLANs.
- B. Allows for Layer 2 switching over Layer 3 infrastructure.
- C. Distributes Layer 3 data across multiple hypervisors
- D. Provides for 10,000 logical segments.

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**Answer: B, D**

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**Question: 3**

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Based on VMware's best practices, what two statements define the best solution for scaling layer 2 services for the virtual network? (Choose two.)

- A. Employ a layer 2 switched network.
- B. Employ a layer 3 switched network.
- C. Use GRE for an overlay network.
- D. Use VXLAN for an overlay network.

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**Answer: B, D**

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**Question: 4**

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Which component provides for installation of NSX hypervisor kernel components and user world agents?

- A. NSX Controller
- B. NSX Edge Virtual Appliance
- C. NSX Manager
- D. vRealize Automation

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**Answer: C**

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**Question: 5**

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Which NSX service or feature provides optimized management of virtual machine broadcast (ARP) traffic?

- A. NSX Controller
- B. NSX Manager
- C. Edge Services Gateway
- D. VTEP

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**Answer: A**

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**Question: 6**

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You are tasked with designing a data center architecture that should maximize the use of vMotion within your environment. The design has these requirements:

- The network must utilize widely offered layer 2 switching and layer 3 switching services
- Purchase of new equipment should be minimized

Which two network design architectures will provide the requirements for vMotion in your data center? (Choose two.)

- A. Utilize layer 3 switching from the access layer through the core.
- B. Employ layer 2 multipathing using a standardized protocol.
- C. Deploy a flat, traditional layer 2 switched network.
- D. Deploy an overlay technology for the deployment of your virtual network.

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**Answer: A, D**

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**Question: 7**

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Which two statements describe the benefits provided by firewall services deployed by NSX? (Choose two.)

- A. Firewall services deployed using a software appliance will provide east-west traffic filtering and security.
- B. Firewall services deployed using a distributed kernel module will provide east-west traffic filtering and security.
- C. Firewall services providing edge security services uses a virtual appliance and is centrally managed.

D. Firewall services providing edge security services uses a distributed kernel module.

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**Answer: B, C**

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**Question: 8**

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Which two statements are valid regarding vCloud Networking and Security (vCNS) and NSX? (Choose two.)

- A. Both vCNS and NSX support multiple hypervisor environments.
- B. NSX provides support for multiple hypervisor environments, vCNS does not.
- C. Both vCNS and NSX support dynamic routing protocols.
- D. NSX supports dynamic routing protocols, vCNS does not.

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**Answer: B, D**

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**Question: 9**

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An administrator wishes to upgrade to NSX from the following infrastructure.

- vCenter Server 4.1
- vShield 5.0
- ESXi hosts 4.1

What is a valid, minimum set of steps to properly upgrade this environment to NSX?

- A. 1. Upgrade vCenter Server 4.1 to vCenter Server 5.5  
2. Upgrade vShield 5.0 to vShield 5.5  
3. Upgrade ESXi hosts to ESXi 5.1 or greater  
4. Install the NSX upgrade bundle
- B. 1. Upgrade vCenter Server 4.1 to vCenter Server 5.1  
2. Upgrade vCenter Server 5.1 to vCenter Server 5.5  
3. Upgrade ESXi hosts to ESXi 5.1 or greater  
4. Install the NSX upgrade bundle
- C. 1. Upgrade vCenter Server 4.1 to vCenter Server 5.5  
2. Upgrade ESXi hosts to ESXi 5.1 or greater  
3. Install the NSX upgrade bundle
- D. 1. Upgrade vCenter Server 4.1 to vCenter Server 5.5  
2. Upgrade vShield 5.0 to vShield 5.5  
3. Install the NSX upgrade bundle

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**Answer: A**

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**Question: 10**

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Layer 2 Multipathing (L2MP) and Multi-chassis Etherchannel (MEC) features have distinct scaling differences with the network switching and routing services provided by NSX.  
Which two statements provide a proper contrast of these services? (Choose two.)

- A. Multi-chassis Etherchannel features provide higher utilization of Ethernet links within a defined L2/L3 distribution area.
- B. Multi-Chassis Etherchannel features provide an easy ability to scale a VLAN across the data center.
- C. NSX provides a method to transparently deploy L2MP protocols upon existing data center installations without service disruption.
- D. NSX provides a method to deploy scalable L2/L3 services on existing data center installations.

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**Answer: A, D**

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**Question: 11**

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An administrator has recently deployed NSX, but is still using a pair of physical network security devices. The administrator wants to use the physical security devices to filter virtual machine traffic hosted in the overlay network.

Which NSX component will provide the connectivity between the overlay and the physical network?

- A. Distributed Firewall
- B. NSX Controller
- C. Edge Services Gateway
- D. Logical Router

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**Answer: D**

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**Question: 12**

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Which two are valid statements regarding third-party services and NSX? (Choose two.)

- A. Third party services are automatically registered with NSX Manager.
- B. Third party services can either be automatically or manually registered with NSX Manager.
- C. Third party services require the deployment of a virtual appliance.
- D. Third party services may or may not utilize a service virtual appliance.

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**Answer: B, D**

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