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# VCPN-610

VMware Certified Professional - Network  
Virtualization Exam

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**QUESTION NO: 1**

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.

**Answer: B,D**

**Explanation:**

**QUESTION NO: 2**

Which statement describes the traffic throughput of the NSX Distributed Firewall?

- A. By decoupling the firewall services from the virtualization layer, traffic is directed to the distribution layer for firewall processing within a service module.
- B. By deploying firewall software on a per virtual machine basis, firewall services will be distributed across multiple compute nodes.
- C. Firewall services are implemented as kernel modules and provide traffic filtering between the virtual machine's vNIC and the vSwitch.
- D. Firewall services are distributed as a software firewall appliance and may be deployed on more than one ESXi host for scalability and high availability.

**Answer: C**

**Explanation:**

**QUESTION NO: 3**

Using VMware's best practices, choose two statements that 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.

**Answer: B,D**

**Explanation:**

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**QUESTION NO: 4**

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. vCloud Automation Center

**Answer: C**

**Explanation:**

**QUESTION NO: 5**

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

**Answer: A**

**Explanation:**

**QUESTION NO: 6**

You are tasked with designing a data center architecture that should maximize the use of vMotion within your environment. You must use these VMware best practices:

- 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.)

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- 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.

**Answer: A,D**

**Explanation:**

#### **QUESTION NO: 7**

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.

**Answer: B,C**

**Explanation:**

#### **QUESTION NO: 8**

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.

**Answer: B,D**

**Explanation:**

#### **QUESTION NO: 9**