

## 2V0-641<sup>Q&As</sup>

VMware Certified Professional 6 – Network Virtualization Beta

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## QUESTION 1

A company wants to deploy VMware NSX for vSphere with no PIM and no IGMP configured in the underlying physical network. This company also must ensure that non-ESXi hosts do not receive broadcast, unknown unicast or multicast (BUM) traffic.

Which replication mode should the logical switches be deployed with?

- A. Unicast Replication Mode
- B. Multicast Replication Mode
- C. Hybrid Replication Mode
- D. Transport Zone Mode

Correct Answer: A

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## QUESTION 2

An administrator has created a logical switch, but when attempting to select a transport zone, the dropdown box is empty. Which option is causing this issue?

- A. The transport zone has not been enabled on the NSX Controller.
- B. A VXLAN has not been created.
- C. A VLAN has not been created.
- D. The transport zone has not been assigned an IP address pool.

Correct Answer: B

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## QUESTION 3

Which VMware NSX for vSphere component can be created on-demand using vRealize Automation?

- A. The logical switch
- B. The logical distributed router
- C. The distributed firewall
- D. The NSX Edge Services Gateway

Correct Answer: A

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## QUESTION 4

Which two options are valid SpoofGuard operational modes? (Choose two.)

- A. Allow Local Address as Valid Address in This Namespace
- B. Allow and Approve DHCP Requests Regardless of Enabled Mode
- C. Automatically Trust IP Assignments on Their First Use
- D. Manually Inspect and Approve All IP Assignments Before Use

Correct Answer: CD

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**QUESTION 5**

An administrator needs to verify which port the switch manager is using. Which command should be used?

- A. show controller-cluster status
- B. show controller-cluster core stats
- C. show controller-cluster connections
- D. show controller-cluster logical-switches

Correct Answer: C

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**QUESTION 6**

How does NSX simplify physical network design?

- A. VLANs are moved into the virtual network for virtual machine traffic, eliminating the need to use Private VLANs on the physical network.
- B. Network administrators only need to configure routing on the physical network for virtual machine traffic since all other network functions are moved to the virtual network.
- C. Transport zones are created in the virtual network for virtual machine traffic, removing the need to make changes to the physical network.
- D. Virtual network integration can make changes to the physical network programmatically using REST API calls which automates network changes and increases agility.

Correct Answer: C

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**QUESTION 7**

What is a prerequisite to deploying a Logical Switch?

- A. Configure the VXLAN Tunnel Endpoint's (VTEP) VLAN on the trunk in the physical switches.
- B. Add the ESXi hosts to the same vSphere Distributed Switch.

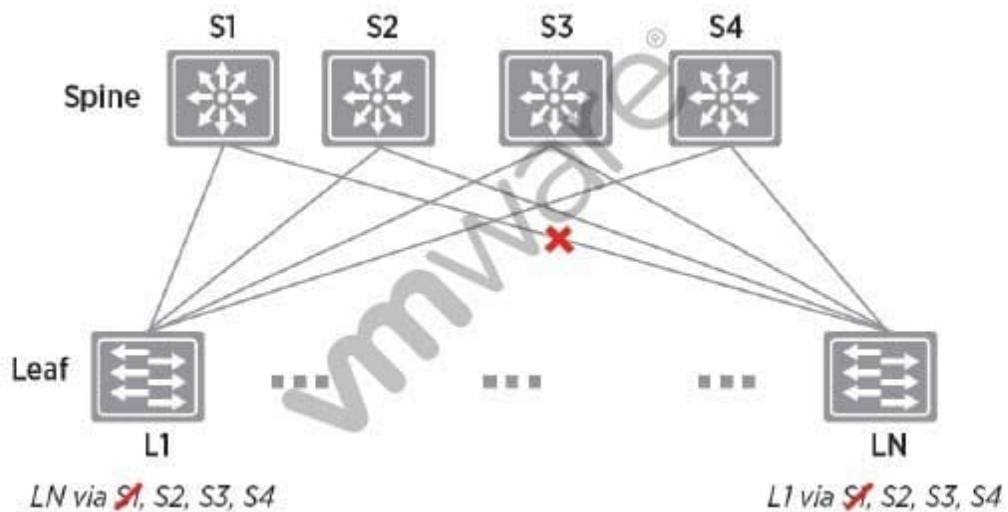
C. Prepare and configure VTEPs on the ESXi hosts using the vSphere Web Client.

D. Create a port group on the vSphere Distributed Switch.

Correct Answer: A

## QUESTION 8

-- Exhibit -



-- Exhibit -An NSX administrator has deployed the network shown in the Exhibit.

Based on the exhibit, which statement describes a valid method for redirecting traffic around the fault?

- A. Building this topology using a layer 2 switched fabric with connectivity between the leafs would allow traffic to be redirected around the fault to another leaf.
- B. Building this topology using a layer 3 routed fabric with connectivity between the leafs would allow traffic to be redirected around the fault to another leaf.
- C. Building this topology using a layer 2 switched fabric with spanning tree will provide the quickest path around the fault to another spine when connectivity is lost.
- D. Building this topology using a layer 3 routed fabric will provide the quickest path around the fault to another spine when connectivity is lost.

Correct Answer: D

## QUESTION 9

What is the minimum number of vSphere Distributed Switches (vDS) that must be configured before deploying VMware NSX for vSphere?

- A. 0

B. 1

C. 2

D. 4

Correct Answer: B

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## QUESTION 10

Which two options are use cases of Layer 2 bridging in NSX for vSphere? (Choose two.)

A. Extend the network security to physical devices in the physical network by use of the Distributed Firewall.

B. Extend physical services to Virtual Machines in virtual network.

C. Allow clustering of multiple NSX Managers in a single vCenter Server instance.

D. Allow physical devices in the physical network to use the NSX Edge Gateway as a default router.

Correct Answer: BD

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## QUESTION 11

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.

Correct Answer: A

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## QUESTION 12

A company has augmented its Data Center infrastructure by using vCloud Hybrid Service during peak hours. The company wants to extend their existing subnets into the cloud while workloads retain their existing IP addresses. The virtual machines in these subnets use an NSX Edge Gateway as their default gateway.

Which solution should this company use?

A. Layer 2 VPN

B. MPLS VPN

C. IPSec VPN

D. SSL VPN

Correct Answer: A

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## QUESTION 13

Where does the Distributed Logical Firewall enforce firewall rules?

A. At the Virtual Machine's virtual Network Interface Card (vNIC).

B. At the Logical Switch virtual port that the Virtual Machine connects to.

C. At the NSX Controller's firewall kernel module.

D. At the ESXi host vmnic used by the vSphere Distributed Switch.

Correct Answer: A

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## QUESTION 14

Which two components are required to enable layer 2 bridging? (Choose two.)

A. Distributed firewall rule to allow layer 2 traffic in the bridge.

B. Deployed Logical Switch.

C. Deployed Logical Router.

D. VLAN trunk configured on logical switch.

Correct Answer: AC

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## QUESTION 15

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.

Correct Answer: BD

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