

2V0-641 - VMware Certified Professional 6 – Network Virtualization Beta

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1. A company wants to deploy VMware NSX for vSphere and ensure the least amount of bandwidth consumption in the underlying physical architecture. Which replication mode should the logical switches be deployed with?

- A. Multicast Replication Mode
- B. Unicast Replication Mode
- C. Hybrid Replication Mode
- D. vSphere Replication Mode

Answer: A

2. 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.

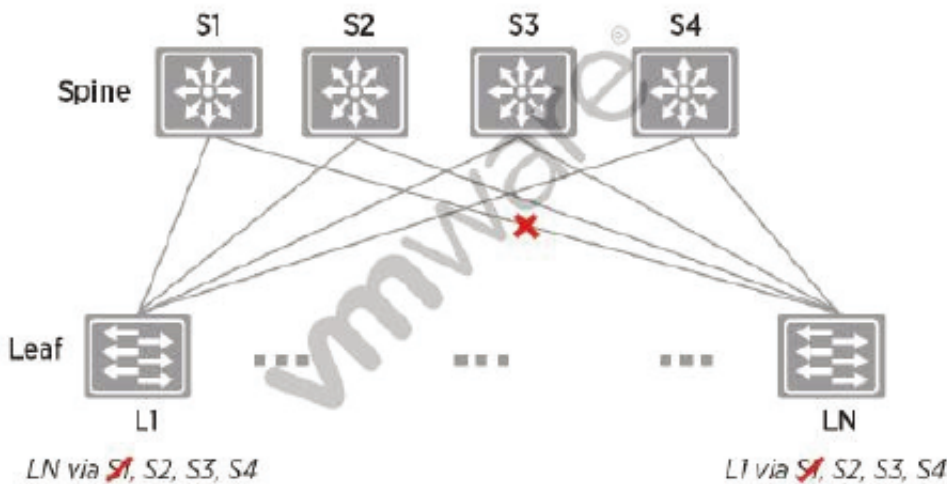
Answer: C

3. An administrator manages a TFTP server virtual machine that is connected to a Logical Switch with a VNI of 7321. The TFTP server has been configured to use port 1069. An NSX Edge Service Gateway is connected to VNI 7321 and has an uplink interface with access to the physical network. Assume external users can reach the Service Gateway. What should the administrator configure to ensure external connections to the TFTP server are successful?

- A. Create a DNAT rule with the original port of 69 and translated port of 1069.
- B. Create a SNAT rule with the original port of 1069 and translated port of 69.
- C. Create a SNAT rule with the original port of 69 and translated port of 1069.
- D. Create a DNAT rule with the original port of 1069 and translated port of 69.

Answer: A

4. -- 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.

Answer: D

5. 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.

Answer: B, D

6. When preparing a vSphere host cluster to work with VMware NSX, which two options show VIBs that are installed and registered with all hosts within the prepared cluster? (Choose two.)

- A. NSX VXLAN

B. NSX Distributed Firewall

C. NSX Edge

D. NSX Data Security

Answer: A, B

7. Which NSX component can validate that security policies at your organization are being enforced correctly?

A. Activity Monitoring

B. Flow Monitoring

C. ERSPAN

D. Distributed firewalls

Answer: A

8. What is the most restrictive NSX role that can be used to create and publish security policies and install virtual appliances?

A. Security Administrator

B. NSX Administrator

C. Auditor

D. Enterprise Administrator

Answer: D

9. If unicast mode is configured for the overlay transport in an NSX deployment, which two statements correctly define the network support that is required? (Choose two.)

A. Configure NSX High Availability.

B. Layer 2 switching support in the access and distribution layers

C. Layer 3 switching support in the access and distribution layers

D. Configure Jumbo Frame support

Answer: C, D

10. Which statement is correct when upgrading vShield Data Security to NSX Data Security?

- A. NSX Data Security does not support a direct upgrade.
- B. NSX Controller must be deployed before the upgrade.
- C. The vCloud Network and Security Virtual Wires must have been upgraded.
- D. vCloud Network and Security must be at least version 5.1 before starting the upgrade.

Answer: A

11. 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.

Answer: A

12. -- Exhibit --

role	port	listening	open conns
api_provider	api/443	Y	2
persistence_server	server/2878	-	0
	client/2888	Y	0
	election/3888	Y	1
switch_manager	ovsmgmt/6632	Y	0
	openflow/6633	Y	0
system	cluster/7777	Y	1

An administrator is troubleshooting a NSX controller cluster issue and runs the control-cluster command, as shown in the Exhibit. What information can be determined from the output provided in the exhibit?

- A. This is the control cluster majority leader controller.
- B. There are two controllers in the cluster.
- C. This is not the control cluster majority leader controller.
- D. The persistence_server role is not functioning correctly.

Answer: C

13. Which two statements are true regarding NSX? (Choose two.)

- A. Workloads can be placed and moved independently of physical topology.
- B. Operational efficiency can be achieved through automation of the physical network.
- C. Workload deployments are non-disruptive over the existing physical network.
- D. NSX implementation requires a VMware vSphere environment.

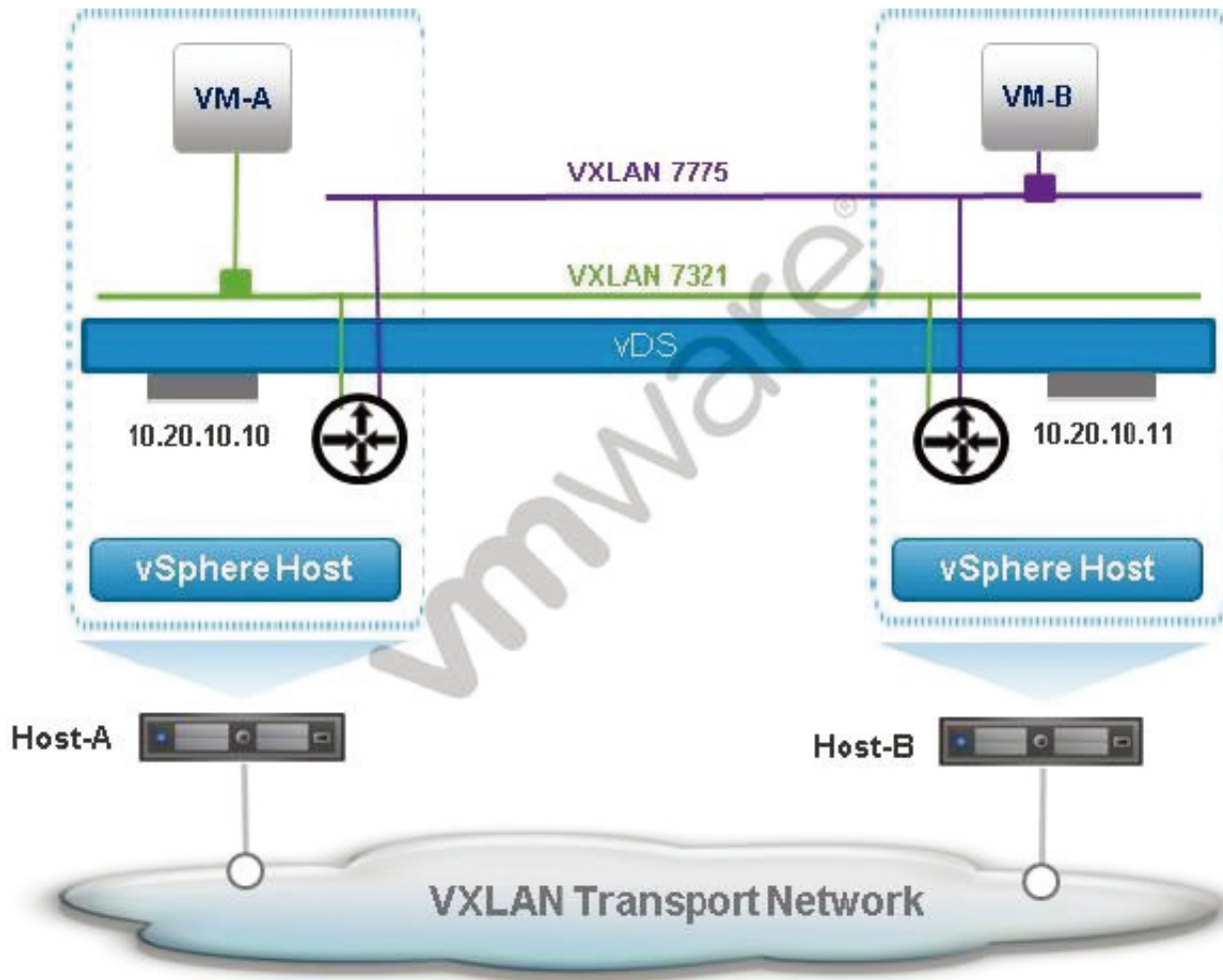
Answer: A, C

14. Which three network policy settings can only be configured on a vSphere 5.5 Distributed Switch? (Choose three.)

- A. Access Control Lists (ACLs)
- B. Network I/O Control
- C. LACP v2
- D. NetFlow
- E. DSCP Marking

Answer: A, C, E

15. -- Exhibit --



-- Exhibit --

An administrator configures an NSX network as shown in the Exhibit. Both VM-A and VM-B use the same Distributed Router for their default gateway. VM-B receives an IP message from VM-A. Based on the exhibit, what is the source MAC address of the IP message received by VM-B?

- A. VM-B's default gateway's MAC address.
- B. VM-A's MAC address.
- C. VM-A's default gateway's MAC address.
- D. Logical Switch 7321's MAC address

Answer: A

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