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VMware Certified Professional 6 - Network Virtualization (NSX v6.2)

VMware 2V0-642

Version Demo

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QUESTION NO: 1

What are two requirements of the network infrastructure to the access layer? (Choose two)

- A. IPv4 connectivity among ESXi hosts provided by a spine-leaf network design.
- B. IPv4 connectivity among ESXi hosts.
- C. Increased MTU if the virtual machines are using the default MTU size of 1500.
- D. A Redundant, Layer 3, Top-of-Rack network design to provide high availability to ESX hosts.

ANSWER: B C

QUESTION NO: 2

An administrator has been asked to provide single failure redundancy. What is the minimum supported number of NSX Controllers needed to meet this requirements?

- A. 2
- B. 3
- C. 1
- D. 5

ANSWER: B

Explanation:

Reference: <http://www.vmwarearena.com/vmware-nsx-installation-part-4-deploying-nsx-controller/>

QUESTION NO: 3

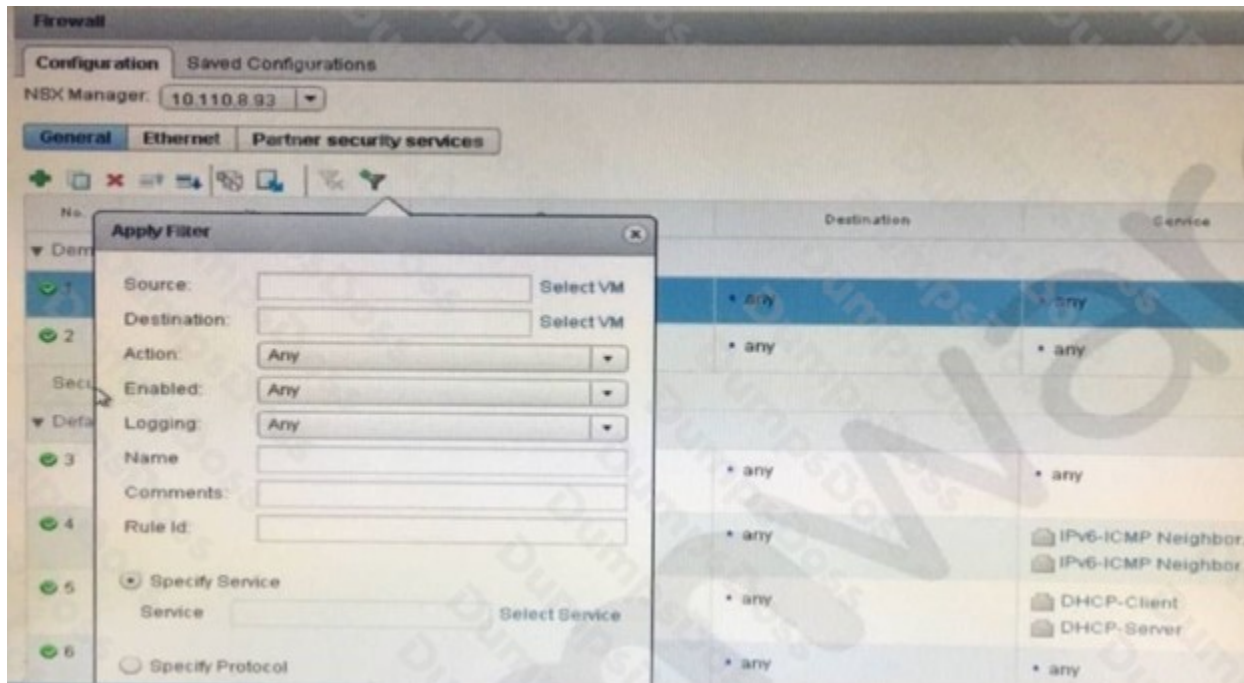
Two virtual machines are unable to communicate with one another. The virtual machines are in the same distributed portgroup, but reside on different ESXi hosts. What are two possible causes for the communications issue? (Choose two.)

- A. Basic multicast filtering mode has been disabled on the ESXi hosts.
- B. No physical NICs are assigned as active or standby uplinks in a NIC team.
- C. The standby links are configured on different VLANs, preventing heartbeats from reaching each VM.
- D. The physical NICs assigned as active or standby uplinks reside on different VLANs on the physical switch.

ANSWER: B D

QUESTION NO: 4

When designing a multi-site NSX deployment, which capability requires Enhanced Linked Mode to function?



- A. Creating Universal Transport Zones
- B. Creating Universal Logical Switches
- C. Cross-vCenter vMotion
- D. Registering a Secondary NSX Manager

ANSWER: C

Explanation:

Reference: https://pubs.vmware.com/NSX-62/topic/com.vmware.ICbase/PDF/nsx_62_cross_vc_install.pdf

QUESTION NO: 5

A user has configured a specific distributed firewall rule preventing VM-A (172.16.10.11) on the Web-Logical Switch to communicate to VM-B (172.16.20.11), running on the same switch. After the changes, the user is still able to communicate to VM-A from VM-B.

To debug this anomaly, the user will need to obtain logs from which component?

- A. The Distributed Logical Router
- B. The Edge Services Gateway
- C. The appropriate ESXi Hosts(s)
- D. The appropriate NSX Controller(s)

ANSWER: C

QUESTION NO: 6

Which are two uses of the NSX DLR protocol address? (Choose two.)

- A. When configuring BGP the protocol address is used to forward traffic to peers.
- B. When configuring BGP the protocol address is used by the protocol to form adjacencies with peers.
- C. When configuring OSPF the protocol address is used to forward traffic to peers.
- D. When configuring OSPF the protocol address is used by the protocol to form adjacencies with peers.

ANSWER: B D

QUESTION NO: 7

An NSX Administrator is examining a broken set of firewall rules and discovers that the Block Telnet rule was created in the wrong section.

No.	Name	Source	Destination	Service	Action	Applied
NSX Maximum Security (Rule 1 - 2)						
1	Block Web	* any	* any	HTTP	Block	Any
2	Block SSH	* any	* any	SSH	Block	Any
Firewalling without VMTools (Rule 3)						
3	Deny Traffic to Linux-01a	* any	Linux-01a	* any	Reject	Distributed Firewall
Default Section Layer3 (Rule 4 - 7)						
4	Default Rule NDP	* any	* any	IPv6-ICMP Neighbor... IPv6-ICMP Neighbor...	Allow	Distributed Firewall
5	Block Telnet	* any	* any	TELNET	Block	Any
6	Default Rule DHCP	* any	* any	DHCP-Client DHCP-Server	Allow	Distributed Firewall
7	Default Rule	* any	* any	* any	Block	Distributed Firewall

Based on the exhibit, which option would correct the issue with the least amount of effort?

- A. Use the Merge Section functionality to correct this.
- B. Use the Move rule Up icon to move rules between sections.
- C. Add a new rule called Block Telnet to the correct section and then remove the existing rule.
- D. Delete the rule and then re-add the rule to the correct section.

ANSWER: B

QUESTION NO: 8

Which two methods does VMware NSX offer to integrate with third-party partners? (Choose two.)

- A. Integration Manager
- B. Service Chaining
- C. VMware NSX APIs
- D. Universal Synchronization Service

ANSWER: B C

QUESTION NO: 9

Which three NSX services are available for synchronization in a Cross-vCenter implementation? (Choose three.)

- A. Spoofguard
- B. Distributed Firewall
- C. Edge Firewall
- D. Logical Switch
- E. Transport Zone

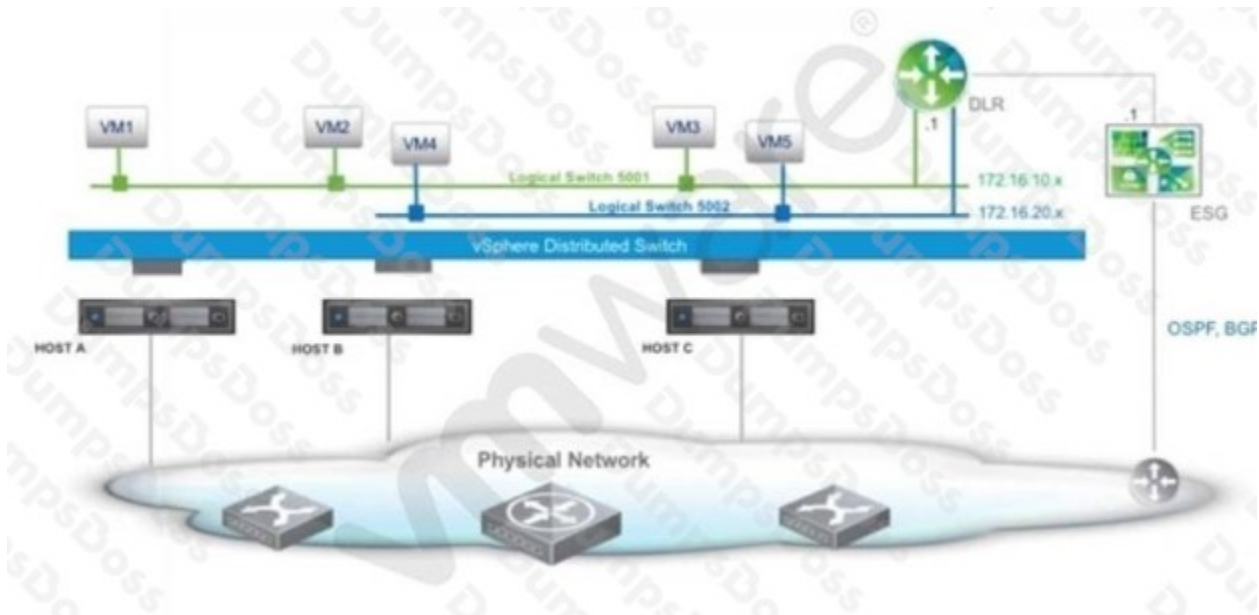
ANSWER: B D E

Explanation:

Reference https://pubs.vmware.com/NSX-62/topic/com.vmware.ICbase/PDF/nsx_62_cross_vc_install.pdf

QUESTION NO: 10

An NSX Administrator is examining traffic on the network shown below.



What is the packet flow when VM1 communicates to VM5?

- A.** Host A will perform a destination lookup, route the packet, switch the packet onto segment 5002, then encapsulate and send the packet to Host C.
- B.** Host A will perform a destination lookup, switch the packet onto segment 5002, route the packet, then encapsulate the packet and send it to the DLR control VM.
- C.** Host A will encapsulate the packet, send the encapsulated packet to host C, Host C will perform a destination lookup and switch the packet onto segment 5002.
- D.** Host A will encapsulate the packet, perform a destination lookup, route the packet to the DLR control VM, the control DLR will bridge the packet onto segment 5002.

ANSWER: A