

VMware

Exam VCAN610

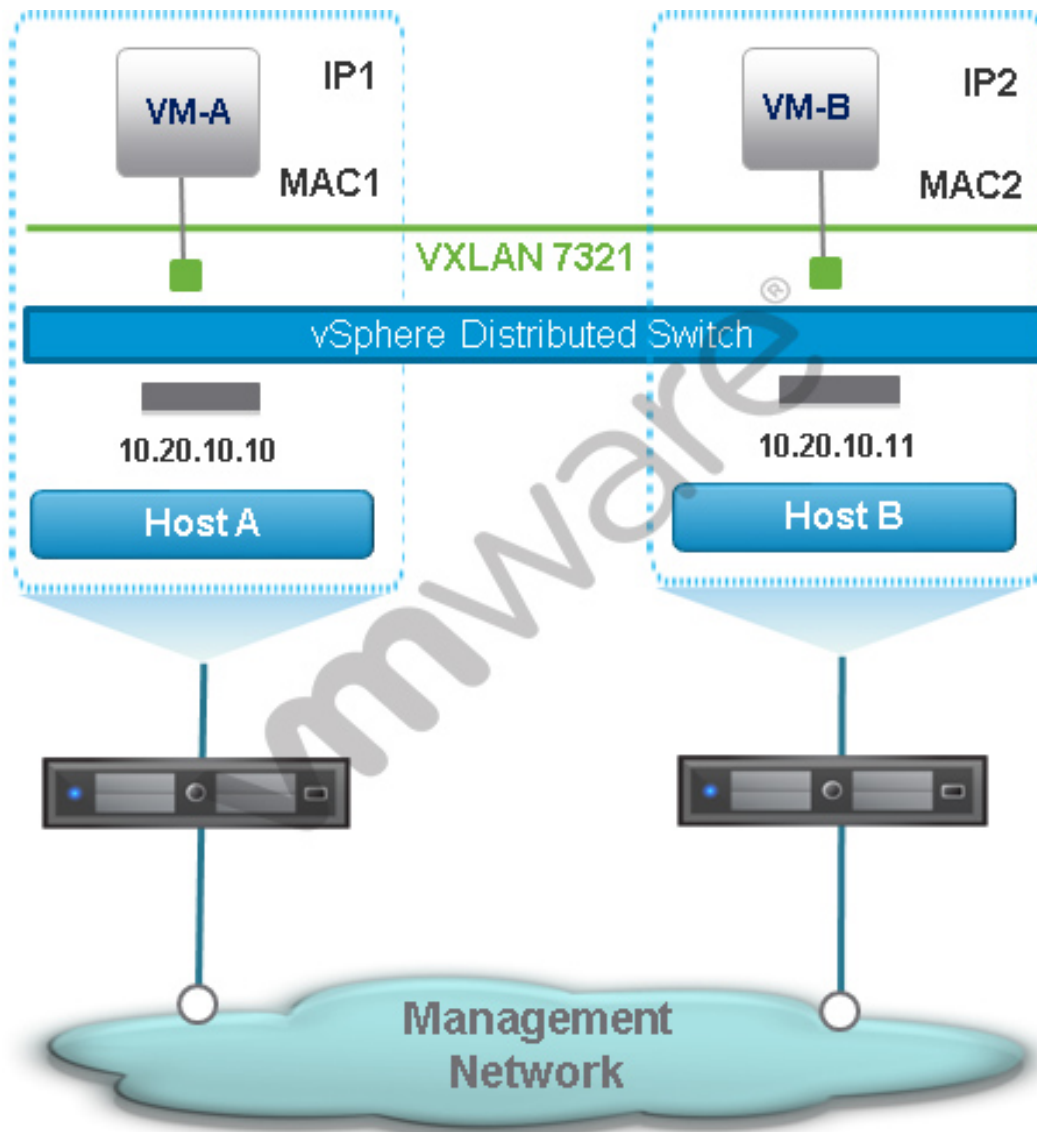
VMware Certified Associate– Network Virtualization

Version: 6.0

[Total Questions: 178]

Question No : 1

-- Exhibit --



-- Exhibit --

An administrator configures an NSX network as shown:

Both VM-A and VM-B use the same Distributed Router for their default gateway. VM-B receives an IP message from VM-A.

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

Question No : 2

An administrator needs to perform a configuration backup of NSX. From which two locations can this task be performed? (Choose two.)

- A. Directly on the NSX Manager
- B. From the vSphere Web Client
- C. Using the NSX API
- D. Directly on each NSX Controller

Answer: A,C

Question No : 3

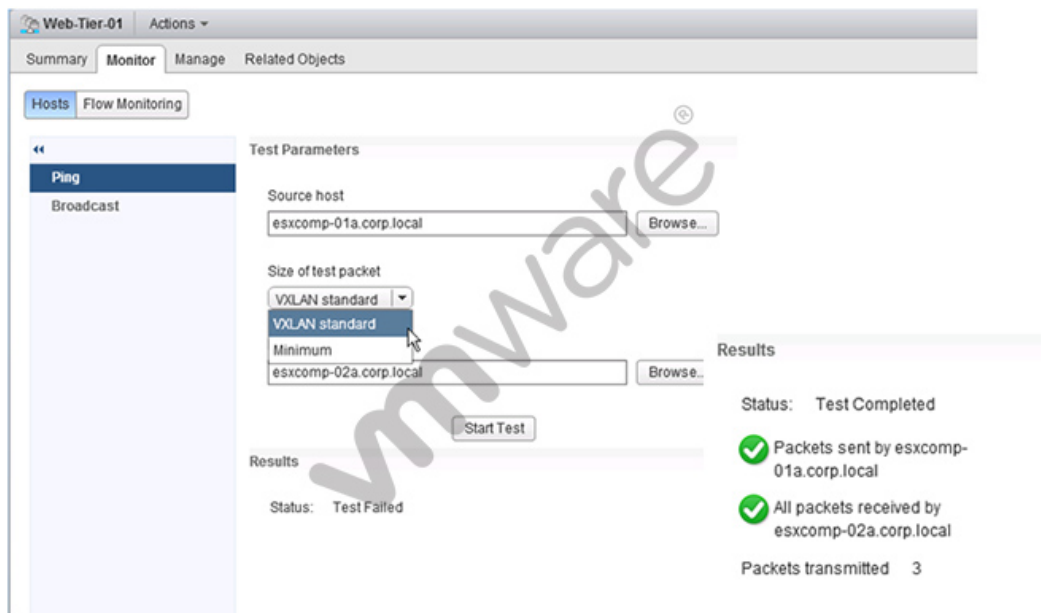
Which port is used for NSX REST API Requests?

- A. 80
- B. 443
- C. 5480
- D. 8443

Answer: B

Question No : 4

-- Exhibit --



-- Exhibit --

An administrator is testing connectivity between two ESXi hosts and uses the ping utility.

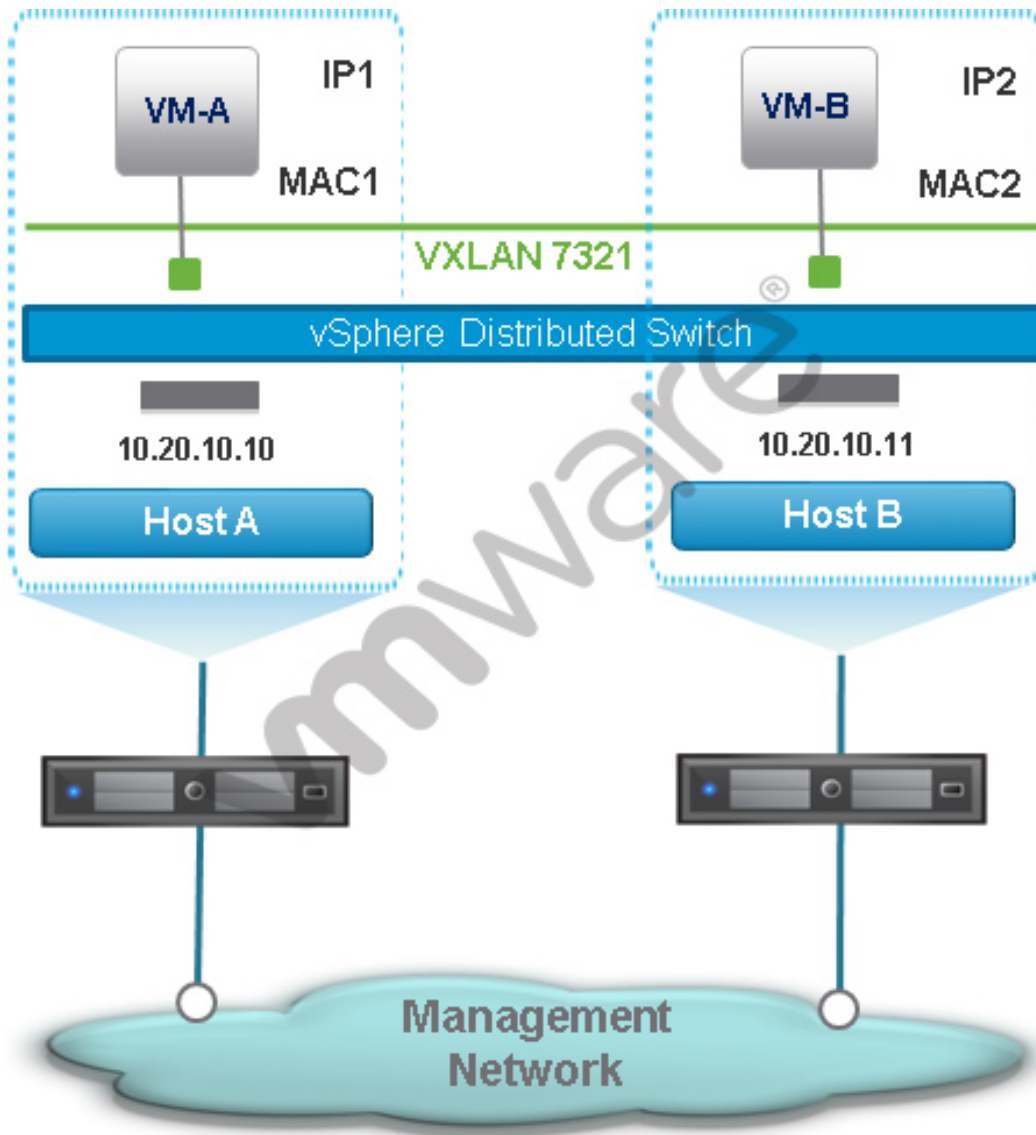
Based on the results shown in the exhibit, which statement is correct?

- A. Communication between the hosts is working correctly.
- B. The hosts are in separate subnets.
- C. The MTU size is too small.
- D. A logical router has not been deployed and configured.

Answer: C

Question No : 5

-- Exhibit --



-- Exhibit --

An administrator has created the NSX network shown in the exhibit:

Both VMs use the same Distributed Router for their default gateway. VM-B receives an IP message from VM-A.

What is the source MAC address of the IP message received by VM-B?

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

Answer: A

Question No : 6

What are two valid methods of configuring virtual machines to use a vSphere Distributed Switch (vDS) that are currently using a vSphere Standard Switch (vSS)? (Choose two.)

- A. Select each virtual machine and drag it to the vSphere Distributed Switch.
- B. Select the vSS in use by the virtual machines and select the Move to option on the right-click menu.
- C. Select each virtual machine and edit the virtual network adapter's connection settings.
- D. Use the Migrate Virtual Machine Networking option from the right-click menu of the vDS.

Answer: C,D

Question No : 7

An administrator wants to implement NSX within the vSphere virtual environment.

Which two statements correctly describe changes that will occur as a result of an NSX deployment? (Choose two.)

- A. Use of ARP will increase in the physical environment.
- B. Use of ARP will decrease in the physical environment.
- C. MAC address table usage will increase in the physical environment.
- D. MAC address table usage will decrease in the physical environment.

Answer: B,D

Question No : 8

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.

Answer: B,D

Question No : 9

Which statement best describes scaling a fault tolerant spine-leaf multipathing fabric architected for an NSX deployment?

- A. Scaling should be performed by replacing 1Gbps links in the architecture with 10Gbps links.
- B. Scaling should be performed by increasing the number of links from each leaf switch to the associated spine switches in the architecture.
- C. Scaling should be performed by increasing the number of spine switches while maintaining point-to-point connectivity between leafs and spines.
- D. Scaling should be performed by using layer 2 switching between the leaf and spine switches.

Answer: C

Question No : 10

-- 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

-- Exhibit --

An administrator is troubleshooting a NSX controller cluster issue and runs the control-cluster command:

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

Question No : 11

Which Layer 2 bridge is supported by the Distributed Router?

- A. VCD-NI to VLAN bridge
- B. VXLAN to PVLAN bridge
- C. VCD-NI to PVLAN bridge
- D. VXLAN to VLAN bridge

Answer: D

Question No : 12

What are three switch features found only on vSphere Distributed Switches? (Choose three.)

- A. Network I/O Control
- B. CDP
- C. LLDP
- D. SR-IOV
- E. Port Mirroring

Answer: A,C,E

Question No : 13

Where are the distributed NSX firewall decisions logged?

- A. NSX Manager
- B. vCenter Server
- C. NSX Edge
- D. ESXi host

Answer: D

Question No : 14

Which tool is used to detect rogue services?

- A. NSX Logical Firewall
- B. NSX Logical Router
- C. Activity Monitoring
- D. Flow Monitoring

Answer: D

Question No : 15

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**Answer: A****Question No : 16**

Which Virtual Machine cannot be protected by the Distributed Firewall?

- A. A Virtual Machine connected to a vDS Portgroup running on an ESXi 5.1 host.
- B. A Virtual Machine connected to a vSS Portgroup running on an ESXi 5.5 host.
- C. A Virtual Machine connected to a vDS Portgroup running on an ESXi 5.5 host.
- D. A Virtual Machine connected to a logical switch running on an ESXi 5.1 host.

Answer: D**Question No : 17**

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**Question No : 18**

A Distributed Router and an NSX Edge Gateway are connected to a Logical Switch with a VNI of 7321. Both also have connections to the external network. The Distributed Router serves as the default gateway for the virtual machines in VNI 7321.

A vSphere administrator does not want to advertise the subnet in VNI 7321 to the rest of the network, but still wants to allow virtual machines in the segment to access external resources.