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VMware vSphere 8.x Professional

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QUESTION 1

Each logical port on a vSphere standard switch can be a member of how many port groups? (Choose the best answer.)
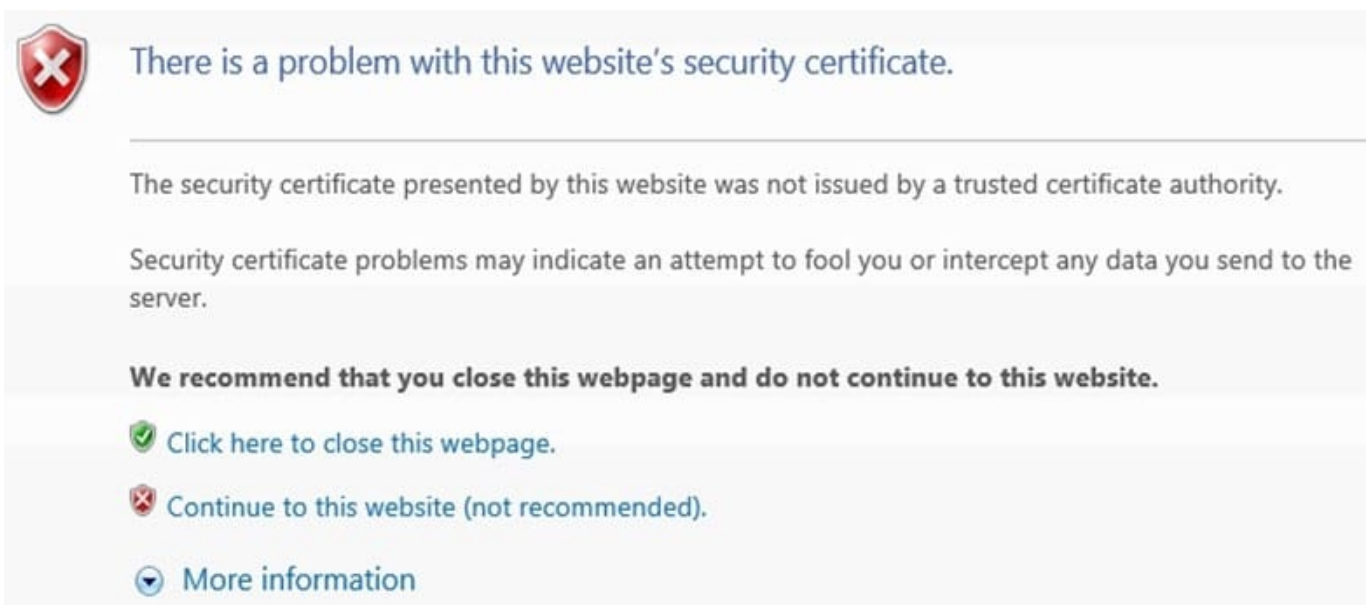
A. 4

B. 3

C. 1

D. 2

Correct Answer: C

Reference: https://www.c-sharpcorner.com/article/what-is-virtual-switches-and-standard-switches/

QUESTION 2

Refer to the exhibit.

An administrator repeatedly encounters this error message while attempting to connect to vCenter Server.

What should the administrator do to address this error message? (Choose the best answer.)

A. Use a different browser.

B. Trust the VMware certificate authority (CA) root certificate.

C. Restart the vCenter Server Appliance.

D. Reissue a new, unexpired certificate.

Correct Answer: D

QUESTION 3

ESXi provides VLAN support by assigning a VLAN ID to which component? (Choose the best answer.)

A. Virtual standard switch

B. Physical network interface card (NIC)

C. Virtual distributed switch

D. Port group

Correct Answer: D

Reference: https://geek-university.com/vmware-esxi/configure-vlans/

QUESTION 4

What are two supported ESXi boot options? (Choose two.)

A. NFS

B. iSCSI

C. vSAN

D. SAN

E. vSphere Virtual Volumes

Correct Answer: BD

QUESTION 5

A new vSphere 7.0 environment is deployed with the following:

1.

 A single vCenter Server

2.

 Two vSAN clusters

3.

 A vSAN default storage policy

Which statement is true regarding virtual disk availability in this environment? (Choose the best answer.)

A. Replicas will be placed on different disk groups but can be placed on the same host.

B. All stripes will be placed on different disk groups and cannot be placed on the same host.

C. Each virtual disk will have four replicas of data.

D. Each virtual disk will have two replicas of data.

Correct Answer: C

Reference:

https://storagehub.vmware.com/t/microsoft-sql-server-2014-on-virtual-san-6-1-hybrid/architecture- diagrams-1/

QUESTION 6

Which VMware feature should an administrator configure to help manage and delegate CPU and memory resources? (Choose the best answer.)

A. VMware Enhanced vMotion Compatibility (EVC)

B. Resource pools

C. vSphere Distributed Resource Scheduler (DRS)

D. vSphere High Availability (HA)

Correct Answer: B

Reference: https://docs.vmware.com/en/VMware-vSphere/6.0/vsphere-esxi-vcenter-server-601-resource- management-guide.pdf

QUESTION 7

A recently deployed set of test virtual machines are impacting the performance of a company development team project datastore. The shared cache server appears to be suffering from storage congestion.

Storage I/O Control is already enabled on all company datastores.

Which two steps should the administrator take to improve the performance of the cache server? (Choose two.)

A. Update the storage provider for the existing array.

B. Create a claim rule to control the storage path.

C. Configure the path selection policy.

D. Configure storage shares per virtual machine.

E. Configure storage limits per virtual machine.

Correct Answer: AD

QUESTION 8

A company has one corporate datacenter (C1) and one regional datacenter (R1). There is a vCenter Server in each location. An administrator wants a central library available to C1 and R1 for all templates and ISO images. Which two steps must the administrator take to configure the content library feature to meet this requirement? (Choose two.)

A. Create a published content library on C1.

B. Create a local content library on R1.

C. Create a local content library on C1.

D. Create a subscribed content library on C1.

E. Create a subscribed content library on R1.

Correct Answer: AE

QUESTION 9

Which two performance tools can be used to monitor virtual machines outside the guest operating system? (Choose two.)

A. vCenter Server performance charts

B. Task Manager

C. top

D. esxtop

E. Perfmon

Correct Answer: AE

Reference: https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-7F81E75C-39AA-4EF5-A2C2-F82C518AC459.html

QUESTION 10

An administrator is asked to take a snapshot of a virtual machine prior to an application upgrade. The virtual machine has one standard virtual machine disk (VMDK) and one physical mode raw device mapping (RDM) attached. Which statement is true with regard to taking this snapshot? (Choose the best answer.)
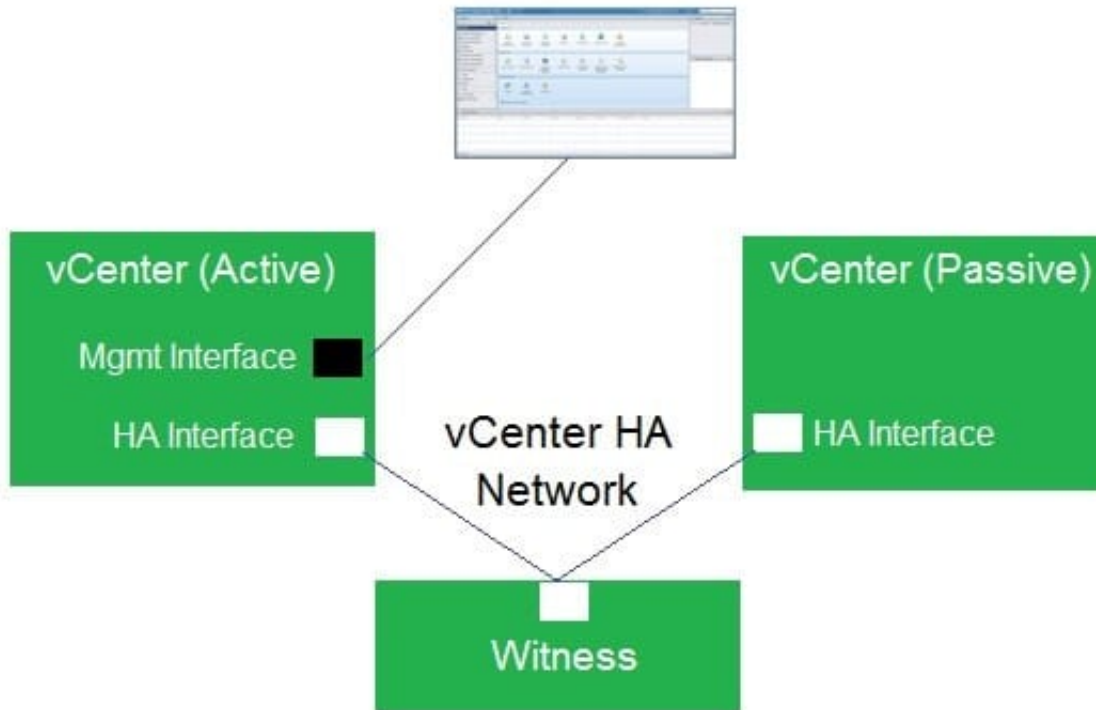
A. The administrator will be unable to snapshot the RDM.

B. The administrator will be able to snapshot the standard VMDK in independent persistent mode.

C. The administrator will be able to snapshot the RDM in independent persistent mode.

D. The administrator will be able to snapshot both disks.

Correct Answer: D

QUESTION 11

Refer to the exhibit.

Which element is missing from this vCenter High Availability (HA) cluster? (Choose the best answer.)

A. A secondary witness node

B. The management interface on the passive node

C. The connection between the active and passive nodes

D. The management interface and connection on the witness node

Correct Answer: C

Reference: https://nolabnoparty.com/en/vmware-vcenter-high-availability-setup-pt-1/

QUESTION 12

How does vSphere handle memory allocation during the instant clone process? (Choose the best answer.)

A. The first child virtual machine serves as a memory snapshot for any subsequent child virtual machines.

B. An identical clone of the parent virtual machine\'s memory is created for each child virtual machine

C. Memory is shared among all child virtual machines using a delta disk.

D. A unique memory pool is created per child virtual machine using copy-on-write.

Correct Answer: A

QUESTION 13

An administrator is running a variety of vSphere 6.5 cluster configurations and is tasked with upgrading to vSphere 7.0.

Which two conditions could cause potential conflicts or outages to the virtual machines (VMs)? (Choose two.)

A. The use of a Windows vCenter Server system

B. Datastores attached to the hosts based on VMFS3

C. The upgrade of a vSphere Distributed Switch with VMs attached

D. The upgrade of an external platform services controller

E. The use of third-party custom vSphere Installation Bundles (VIBs) installed on the ESXi hosts

Correct Answer: CE

QUESTION 14

An administrator places a 300 GB virtual machine named "Finance1" on a 2 TB datastore containing other virtual machines. After virtual machine placement, the datastore has 200 GB of free space. The accounting department takes a nightly snapshot of Finance1, then deletes the previous snapshot. The administrator is concerned about snapshots filling the datastore.

Which statement is true regarding snapshots? (Choose the best answer.)

A. The snapshots on Finance1 cannot outgrow the datastore in less than 24 hours.

B. Any snapshot on Finance1 has the potential to fill the datastore to capacity.

C. vCenter Server will not allow snapshots to fill the datastore beyond 95%.

D. The snapshots on Finance1 will be automatically committed if SEsparse format is used.

Correct Answer: A

QUESTION 15

An IT department is decommissioning a storage array and tasks an administrator with removing a datastore from ESXi hosts. What is a prerequisite for unmounting the datastore? (Choose the best answer.)

A. The datastore is NOT managed by Storage DRS.

B. The datastore is NOT being used by vSphere High Availability heartbeating.

C. The datastore is NOT referenced by a host profile.

D. The datastore does NOT contain powered-off virtual machines.

Correct Answer: A

Reference: https://kb.vmware.com/s/article/2004605

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