

# DUMPS ARENA

## VMware Certified Advanced Professional 6.5 – Data Center Virtualization Design Exam

VMware 3V0-624

Version Demo

Total Demo Questions: 10

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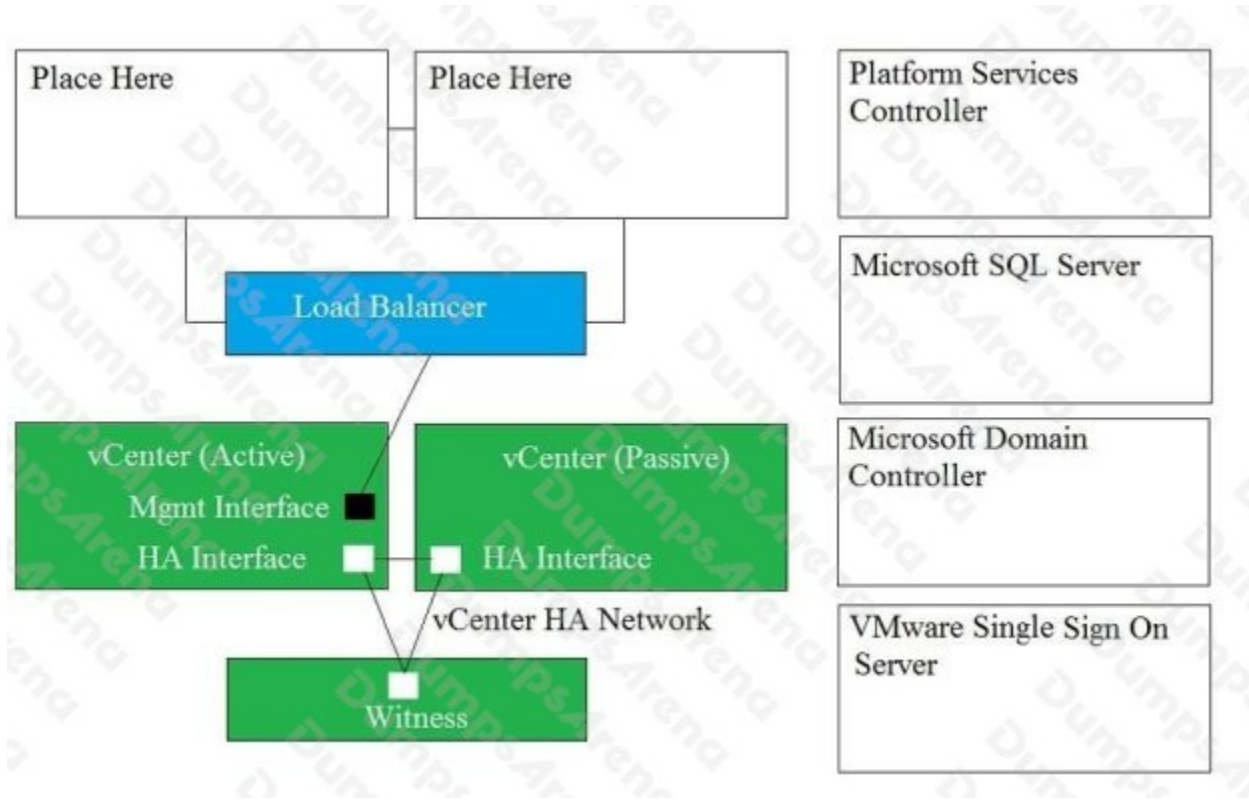
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**QUESTION NO: 1 - (DRAG DROP)**

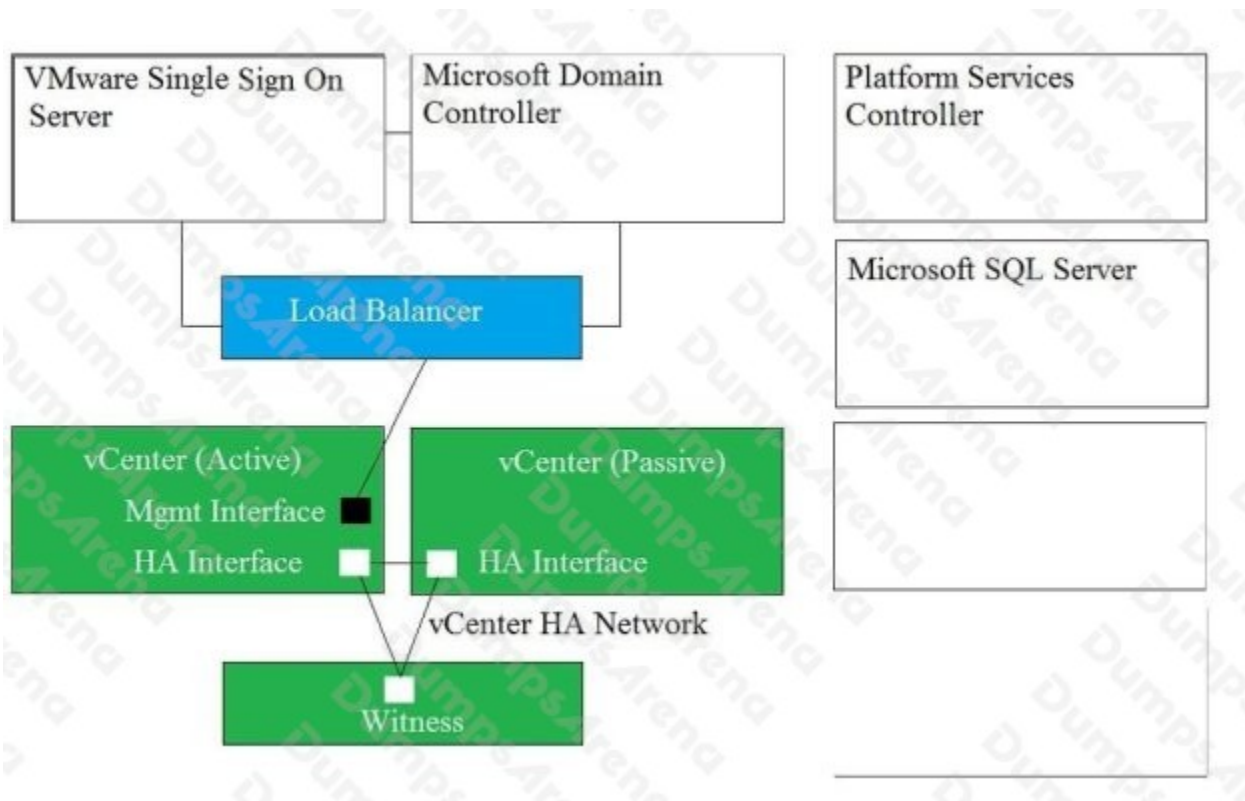
DRAG DROP

In the vCenter HA configuration below, drag the two correct components to the blank boxes in this diagram. The same component may be used more twice. (Choose two.)

**Select and Place:**



**ANSWER:**



**Explanation:**

## QUESTION NO: 2

A database administrator is operating a virtual machine (VM) configured with 16 vCPU and 64GB of RAM. A recent performance audit has indicated that this virtual machine is oversized and is using less than 60% of its configured CPU and memory capacity.

▪ The ESXi host that contains this VM has 2 physical processors with 10 cores per processor, and 128GB of RAM. ▪ This physical host's architecture is split into two equal NUMA nodes.

Which vCPU and RAM configuration for the VM allows for the most resources, but also provides the performance benefit of local NUMA access?

- A. 16 vCPU and 32GB RAM
- B. 4 vCPU and 16GB RAM
- C. 10 vCPU and 64GB RAM
- D. 12 vCPU and 64GB RAM

**ANSWER: B**

QUESTION NO: 3 - (DRAG DROP)

DRAG DROP

Drag each option to its appropriate concept.

Select and Place:

Option	Concept
Application licensing costs must be minimized.	Risk
vSphere 6.5 features will meet the technical requirements.	Constraint
Existing Change Management guidelines must be followed.	Assumption
Data center facilities are at capacity and need to be expanded.	Requieregment

ANSWER:

Option	Concept
	Data center facilities are at capacity and need to be expanded.
	Existing Change Management guidelines must be followed.
	vSphere 6.5 features will meet the technical requirements.
	Application licensing costs must be minimized.

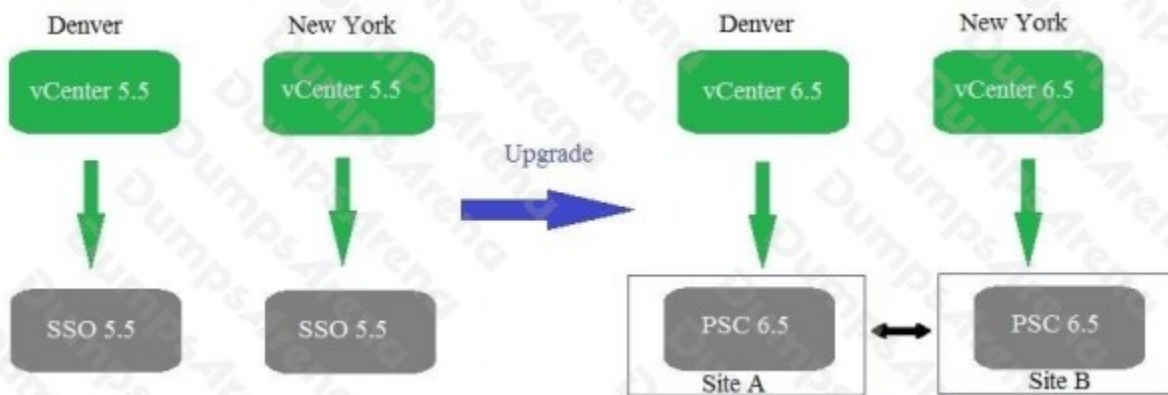
Explanation:

**QUESTION NO: 4**

The system administrator team is planning to upgrade its vCenter Server 5.5 environments to version 6.5.

- Each vCenter 5.5 is pointing to a Single Sign On (SSO) server that has a dedicated virtual machine
- The SSO servers are currently in independent SSO domains.
- During the upgrade process, the administrators would like to combine their two SSO domains into a single one.

View the exhibit.



Referring to the exhibit, which upgrade scenario would accomplish this?

- A.** 1. Upgrade the Denver SSP server to a 6.5 PSC.  
2. Upgrade the Denver vCenter Server 5.5 to version 6.5.  
3. Use the migration utility to upgrade the New York vCenter Server to 6.5.  
4. Choose to join it to the Denver PSC.
- B.** 1. Upgrade the Denver SSP server to a 6.5 PSC.  
2. Use the migration utility to upgrade the New York SSO server.  
3. Choose to join the existing SSO domain during the second upgrade.  
4. Upgrade both of the vCenter Servers to 6.5.
- C.** 1. Upgrade both of the SSO Servers to 6.5 PSCs.  
2. Upgrade both of the vCenter Servers to 6.5.  
3. Install a new 6.5 PSC in the same SSO domain as the Denver 6.5 PSC.  
4. Repoint the New York vCenter Server to the newly-installed PSC.
- D.** 1. Install a New York SSO 5.5 server in the same SSO domain as the Denver SSO server.  
2. Repoint the New York vCenter Server to the newly-installed SSO server.  
3. Upgrade both of the SSO Servers to 6.5 PSCs.  
4. Upgrade both of the vCenter Servers to 6.5.

**ANSWER: B**

**QUESTION NO: 5**

When implementing update policies for the vSphere environment, which would be the VMware-recommended way to update the vCenter Server Appliance (VCSA) when an underlying operating system (OS) patch is released?

- A. Introduce a policy that requires a system administrator to check if a new appliance update (which might include an OS update) is available from the downloads section of MyVMware portal, and follow the VCSA documentation to apply the update.
- B. Do nothing-the VCSA applies all OS updates automatically without any human interaction.
- C. Introduce a policy that requires a system administrator to go online and check with the OS vendor to see if a new version is available. If it is, download it manually, log in to the VCSA with the root credentials, and proceed with the OS update.
- D. Configure VMware Update Manager to download the OS update and apply it on a scheduled basis.

**ANSWER: A**

### QUESTION NO: 6

A customer has requested a high availability option for its data center in the event of power failure and the loss of connectivity to a virtual machine. Which two vSphere features support fault tolerance? (Choose two.)

- A. HA
- B. Virtual volume datastore
- C. vMotion
- D. Storage-based policy management
- E. DRS
- F. Virtual machine snapshots

**ANSWER: A E**

#### Explanation:

Reference <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.avail.doc/GUID-F5264795-11DA-4242-B774-8C3450997033.html>

### QUESTION NO: 7

A solution architect has been tasked with designing a new environment that meets the needs of a growing company, and has obtained this information.

- The current capacity will be exhausted in 180 days, and the new infrastructure must be deployed and in production prior to that.
- The new servers have a 90-day delivery time.
- A data center for disaster recovery has been selected, and it is 20 miles away and connected by MPLS.
- The security team will continue to utilize its current investments and VM Encryption for the new environment.

▪ The backup team currently uses Data Domain, and reports show an 8:1 compression and deduplication ration for backups. Based on the information obtained, which two statements are risks for the new design? (Choose two.)

- A. MPLS will be used to connect the two data centers.
- B. The Change Advisory Board will approve all changes.
- C. Current back up space will not be sufficient if using VM Encryption.
- D. The current firewalls will support the additional workloads.

**ANSWER: A C**

### QUESTION NO: 8

A company is implementing a new ESXi host cluster at its New York data center.

- The CIO has stated that the new ESXi cluster should be designed with enough failover capacity to sustain two ESXi host failures.
- Six ESXi hosts have been approved for this workload.
- The ESXi hosts are to be purchased from Dell with these specifications.
  - 2x10 core 2.2GHz Intel CPU
  - 128 GB of memory
- The workload is defined as 150 employee desktop virtual machines each with 3GB RAM reserves. ▪ All virtual machines should be protected by vSphere High Availability.

Which are two true statements regarding failover capacity? (Choose two.)

- A. vSphere HA can be configured to reserve 25% of memory capacity for failover.
- B. vSphere HA can be configured to specify two dedicated failover hosts.
- C. vSphere HA can be configured to reserve 35% of memory capacity for failover.
- D. vSphere HA can be configured to specify one dedicated failover host.

**ANSWER: B C**

### QUESTION NO: 9

A company is implementing a new cluster to support its end user desktop workloads.

- The workload is required to support 200 virtual machines.
- Each end-user desktop is configured with two vCPUs, 8GB or RAM, and 40GB of thick-provisioned disk space.

▪ The architect has expressed concerns that virtual machine swap files will fill the 8.5TB datastore available to the cluster. Which two strategies would address the architect's concern? (Choose two.)

- A. Configure an additional datastore for snapshot storage.
- B. Configure an additional datastore for vswap file storage.
- C. Configure each virtual machine with a 4GB memory reservation.
- D. Configure each virtual machine with a 8GB memory reservation.

**ANSWER: B D**

### QUESTION NO: 10

A company is designing a new vSphere cluster to support a mission-critical application.

- The application requires 100% availability and cannot be restarted to recover from an ESXi host failure.
- The application consists of a group of 16 virtual machines, each with 8 vCPU configured.

Which solution satisfies the availability requirements?

- A. Guest OS-based software clustering
- B. vSphere High Availability
- C. vSphere High Availability Application Monitoring
- D. vSphere Fault Tolerance
- E. vSphere Site Recovery Manager

**ANSWER: D**