

Actual exam question from VMware's 3V0-624

Question #: 1

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A customer wants to virtualize an Oracle database with vSphere 6.5, but is concerned about its performance.

Which three design elements will ensure optimum performance? (Choose three.)

- A. Share as much memory as possible with the balloon driver.
- B. Use VMXNET3 for the network adapter.
- C. Create affinity rules for the virtual machine to a single physical socket.
- D. Use VMware Paravirtual SCSI adapters for data and log vDisk.
- E. Enable Hyper-Threading.

Show Suggested Answer





Actual exam question from VMware's 3V0-624

Question #: 2

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A development team must provide layer 2 network isolation between virtual machines that are in the same VLAN. The solutions architect must provide additional security between the virtual machines on the same subnet.

How can this be done without consuming more VLANs?

- A. Use Virtual Switch Tagging.
- B. Use Private VLANs.
- C. Use Virtual Guest Tagging.
- D. Use External Switch Tagging.

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 3

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

A company is outsourcing its support operations to an external service provide and plans to complete the project by April 1.

- ⇒ The external support engineers must have the ability to power cycle, create, and edit virtual machines settings within their assigned vSphere site.
- ⇒ The company maintains three vCenter servers in Enhanced Linked Mode that are run as virtual machines in the supported infrastructure.
- ⇒ The vCenter servers will be supported by the external service provider.
- ⇒ Each vCenter server is connected to its own local Platform Services Controller and MSSQL database server.
- ⇒ The company will provide escalation support and physical access on a per request basis.
- ⇒ 99.9% ESXi host uptime is required in this environment, but no SLA has been specified for the hosted applications.

Drag each statement to its appropriate concept.

Select and Place:

Statement	Concept
The SLA allows for only 8 hours of downtime per year.	Risk
Remote support engineers are able to edit virtual machines settings.	Constraint
Missing the April 1 deadline will result in additional costs to the company.	Assumption
The company is appropriately staffed to support escalation and physical access.	Requieregment

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 4

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A customer has requested a vSphere 6.5 deployment design that utilizes vCenter Server and the use of VMware-recommended best practices for securing vCenter Server.

Which three actions would satisfy these requirements? (Choose three.)

- A. Utilizing vSphere CLI and vSphere SDK for Perl scripts.
- B. Restricting vCenter Server access to only the management network.
- C. Assigning the default Administrator role to all administrator users.
- D. Synchronizing time in the vCenter Server with a NTP source.
- E. Removing expired and revoked certificates from vCenter Server system.

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 5

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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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

Show Suggested Answer





Actual exam question from VMware's 3V0-624

Question #: 6

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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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.

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Actual exam question from VMware's 3V0-624

Question #: 7

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

Sort the traffic by whether it can be encrypted natively by vSphere.

Select and Place:

Traffic	Can be encrypted
vMotion traffic	Place here
VM traffic	Place here
SNMPv3	Place here
vSphere Client	Place here

Cannot be encrypted
Place here

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 8

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A solution architect has finished conducting interviews and gathering requirements for a company, and has determined that the logical requirements are:

- ⇒ Two data centers for high availability
- ⇒ Synchronous replication to meet the zero minute RPO
- ⇒ Separating management workloads from application workloads
- ⇒ Dedicated 10Gb uplink for each low latency server

Single management point for the entire environment

▪

Which two actions would meet the design requirements? (Choose two.)

- A. Configure 1 Port Group with a dedicated 10Gb Uplink for low latency servers.
- B. Deploy two clusters, one for management workloads and one for application workloads.
- C. Build 2 Port Groups, one for management servers and one for application servers.
- D. Install two vCenter Servers in Enhanced Link Mode.

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Actual exam question from VMware's 3V0-624

Question #: 9

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A solution architect has made the following design decisions:

- ⇒ Leverage existing hardware that is certified on earlier versions of vSphere but is NOT on HCL for ESXi 6.5.
- ⇒ Upgrade vCenter Server to version 6.5.
- ⇒ Configure separate clusters based on ESXi versions 5.5, 6.0, and 6.5 for newly purchased, certified hardware.
- ⇒ The underlying CPU family is compatible.
- ⇒ There is enough resources available to vMotion virtual machines (VMs).

Given this scenario, what is the correct statement about the ability to vMotion virtual machines between versions of ESXi?

- A. VMs created in vSphere 5.x must be upgraded first to newer virtual hardware and then be vMotioned to vSphere 6.x.
- B. VMs created in vSphere 6.x environment with default settings can be moved to ESXi 5.x.
- C. VMs can be vMotioned to the same or newer version of ESXi.
- D. VMs that are created after the vCenter Server 6.5 upgrade can be vMotioned between any supported versions of ESXi.

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Actual exam question from VMware's 3V0-624

Question #: 10

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

According to VMware-recommended best practices, on which cluster should each of the services be placed?

Select and Place:

Services	Management Cluster
MS Exchange	Place here
DNS Servers	Place here
NTP Servers	Place here
MS SQL Servers	Place here
Apache Web Servers	
AD Domain Controllers	
vCenter Server Appliance (vCSA)	

Resource Cluster
Place here
Place here
Place here

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 11

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

A company would like to utilize its current infrastructure but wants to adopt virtualization to consolidate its environment. Currently, the infrastructure contains:

- ⇒ Server with 2 x 8 cores CPUs and 98GB of memory
- ⇒ Backup LAN with a single physical switch
- ⇒ Production LAN
- ⇒ Sufficient datastore performance as determined by the storage team.

Match the existing infrastructure component to its appropriate concept.

Select and Place:

Component
production LAN
backup LAN has a single physical switch
server with 2 x 8 cores CPUs and 96GB of memory
sufficient datastore performance as determined by the storage team

Concept
Risk
Constraint
Assumption
Requirement

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 12

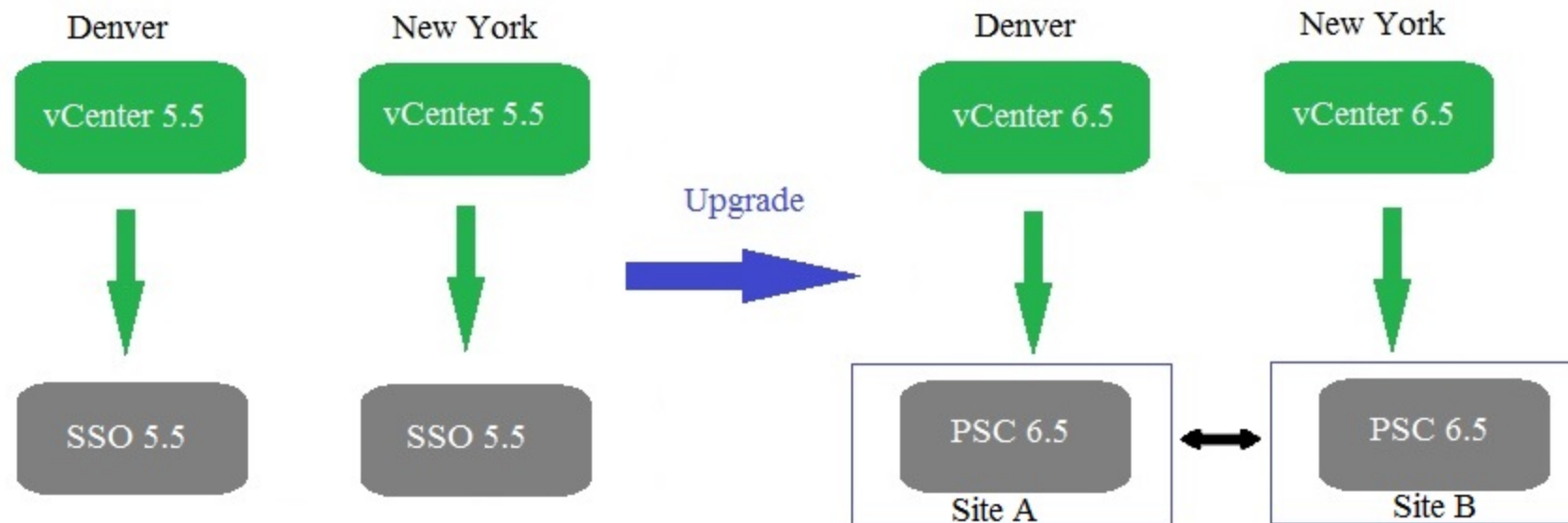
Topic #: 1

[\[All 3V0-624 Questions\]](#)

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.

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 13

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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An organization's security policy requires a design where the ESXi hosts will be manageable only through vCenter Server.

Which two security configurations will help meet this requirement? (Choose two.)

- A. enable lockdown mode strict
- B. disable DCUI access
- C. enable lockdown mode normal
- D. disable shell access

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Actual exam question from VMware's 3V0-624

Question #: 14

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A company is in the process of deploying a modern video-streaming application.

- ⇒ The application is able to scale (expand and collapse) its streaming nodes in the form of CentOS 7.x 64bit virtual machines, based on demand.
- ⇒ This IO-Intensive application has a high CPU demand and generates a significant number of disk operations (IOPS).
- ⇒ To host the application, the company decided to implement a brand-new VMware cluster with vSphere 6.x.
- ⇒ The company would like a significant reduction in CPU utilization as well as possible increase in throughput.

Which virtual disk adapter should be recommended for the company's physical design?

- A. LSI Logical Parallel
- B. VMware Paravirtual
- C. BusLogic Parallel
- D. LSI Logic SAS

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Actual exam question from VMware's 3V0-624

Question #: 15

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A solution architect has been tasked with designing a new environment for a company's growing needs, and has obtained this information:

- ⇒ Uptime is critical during regular business hours when 95% of the transactions occur. Application uptime must be 99.9% during those hours.
- ⇒ In a true disaster, the business can withstand a day of data loss and half a day of downtime.
- ⇒ The company is one year into a 5-year contract with the co-lo data center.
- ⇒ The building that is currently occupied no longer has any floor space available, but the company has 3 empty racks of space. The co-lo can provide up to 11KVA of power per rack.
- ⇒ There are current contains with Dell to provide servers and with Cisco to provide the network components
- ⇒ The network team has standardized on an end-to-end 10Gb network.

Based on this information, what are two requirements for the new design? (Choose two.)

- A. RTO of 24 hours.
- B. RTO of 12 hours.
- C. The application must be available 99,9% during business hours.
- D. 11 KVA of power is available per rack.

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 16

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A customer has storage arrays from two different storage vendors at two different sites. The customer wants to restore operations at the secondary site in the event of a disaster.

Which VMware technology must be used to meet this requirement?

- A. vSphere replication
- B. vSphere Data Protection
- C. array-based replication
- D. vSphere Fault Tolerance

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Actual exam question from VMware's 3V0-624

Question #: 17

Topic #: 1

[\[All 3V0-624 Questions\]](#)

The ability to live-migrate all virtual machines between two clusters is a requirement in the customer's design. Which two clusters and EVC configurations will accomplish this? (Choose two.)

Cluster 1

- ESXi 6.0
- Intel Skylake CPUs
- EVC Enabled: AMD Opteron™ “Steamroller” Generation

Cluster 2

- ESXi 6.5
- AMD Steamroller CPUs
- EVC Enabled: AMD Opteron™ “Steamroller” Generation

A.

Cluster 1

- ESXi 6.5
- Intel® Broadwell CPUs
- EVC Disabled

Cluster 2

- ESXi 6.0
- Intel® Broadwell CPUs
- EVC Disabled

B.

Cluster 1

- ESXi 5.5
- AMD Piledriver CPUs
- EVC Enabled: AMD Opteron™ “Piledriver” Generation

Cluster 2

- ESXi 6.5
- AMD Steamroller CPUs
- EVC Enabled: AMD Opteron™ “Piledriver” Generation

C.

Cluster 1

- ESXi 6.5
- Intel Broadwell CPUs
- EVC Enabled: Intel® “Broadwell” Generation

Cluster 2

- ESXi 6.5
- Intel Sandy Bridge CPUs
- EVC Enabled: Intel® “Sandy Bridge” Generation

D.

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Actual exam question from VMware's 3V0-624

Question #: 18

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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Which two types of workloads are efficiently consolidated when virtualize? (Choose two.)

- A. Workloads that do NOT require user input and are constantly processing large amounts of batched data.
- B. Workloads that will consume all available assigned resources.
- C. Workloads that are NOT CPU bound; most of their time is spent waiting for external events such as user interaction.
- D. Workloads that do NOT require access to specific physical resources such as a hardware dongle or graphics card.

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Actual exam question from VMware's 3V0-624

Question #: 19

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A company provides critical financial and statistical data for several major banks:

- ⇒ The company ensures that the bank's customer data is secure and that analytics data is available when needed.
- ⇒ Customers rely on this data before making crucial business and financial decisions.
- ⇒ Just a few minutes of downtime can result in loss of revenue and trust.
- ⇒ To meet high-availability requirements, the company's IT infrastructure components must be redundant.
- ⇒ The company established three data centers across the globe and interconnected them with high-speed WAN links.
- ⇒ Due to the rapid growth of its customers and their increasing demands, the compute, network, and storage were procured and managed by the company's enterprise system administrators group.

What are its two key challenges? (Choose two.)

- A. Data centers across the globe possess manageability problems.
- B. Availability of business applications must be ensured.
- C. Regulatory requirements must be met.
- D. Hardware-defined data centers have limitations.

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Actual exam question from VMware's 3V0-624

Question #: 20

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A company has requested assistance with a new cross-site failover design to support business-critical applications.

- ⇒ It has two sites which are very well-connected, and latency is less than 5ms round trip.
- ⇒ The customer requires that its applications be restarted even in the event of a total site failure.
- ⇒ The applications must be kept online even when migrated during maintenance.

Storage arrays at either site support both synchronous and asynchronous replication.

▪

Which two options are accurate application requirements for this scenario? (Choose two.)

- A. The design must ensure continuous application uptime even during a total site failure.
- B. The design must prioritize application availability.
- C. The design must ensure application recoverability at the second site.
- D. The applications are latency-sensitive.

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Actual exam question from VMware's 3V0-624

Question #: 21

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A virtualization administrator has been tasked with migrating several business applications from physical to virtual. The administrator must also migrate the virtual machines from VMware Workstation to vSphere 6.5, using vCenter Converter Standalone 6.1.

In this scenario, which two source types are supported? (Choose two.)

- A. powered-off Windows Server 2008 physical machine
- B. powered-on Windows Server 2000 Workstation virtual machine
- C. powered-off Windows Server 2008 Workstation virtual machine
- D. powered-on Windows Server 2008 physical machine

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 22

Topic #: 1

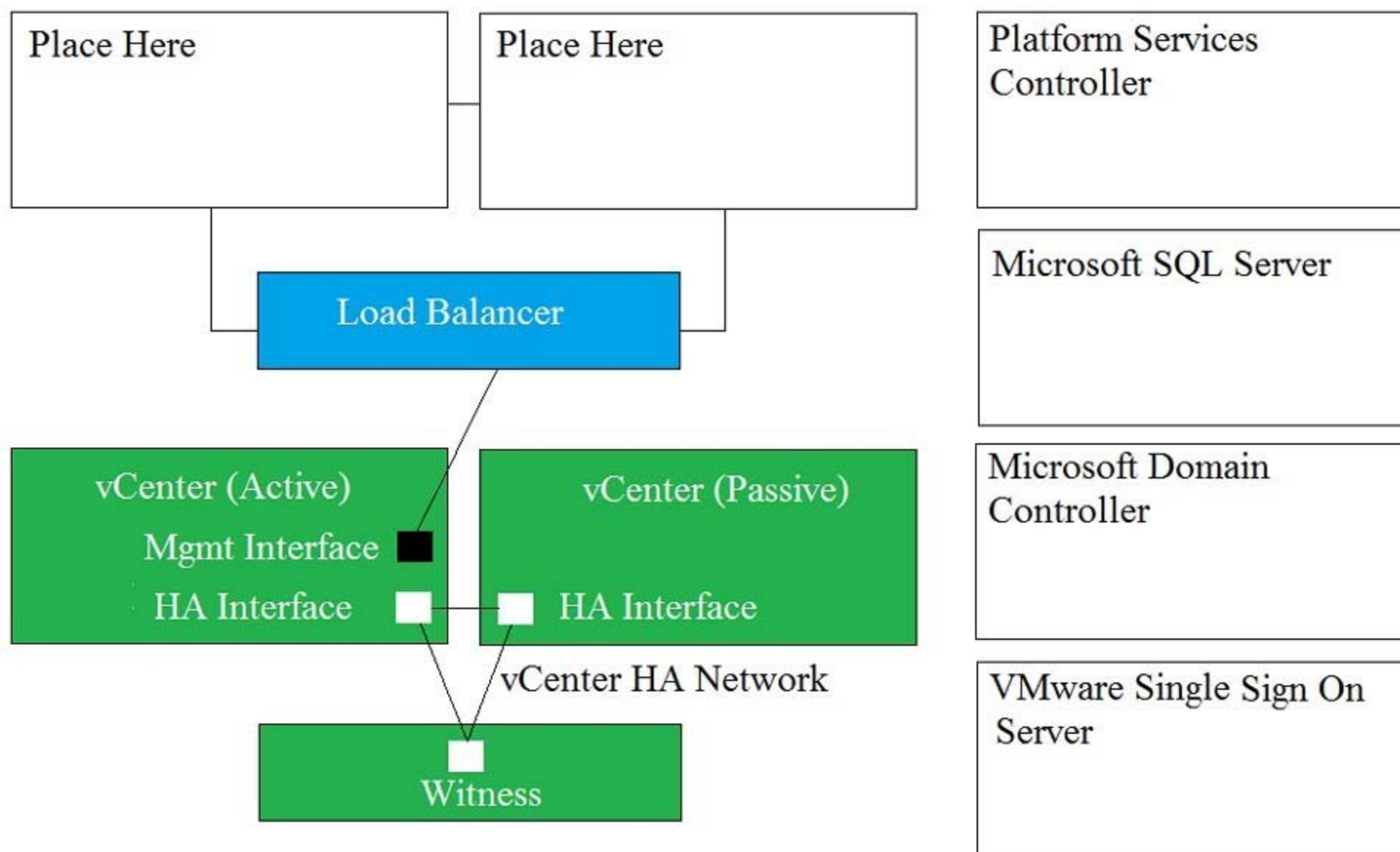
[\[All 3V0-624 Questions\]](#)

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:



Show Suggested Answer

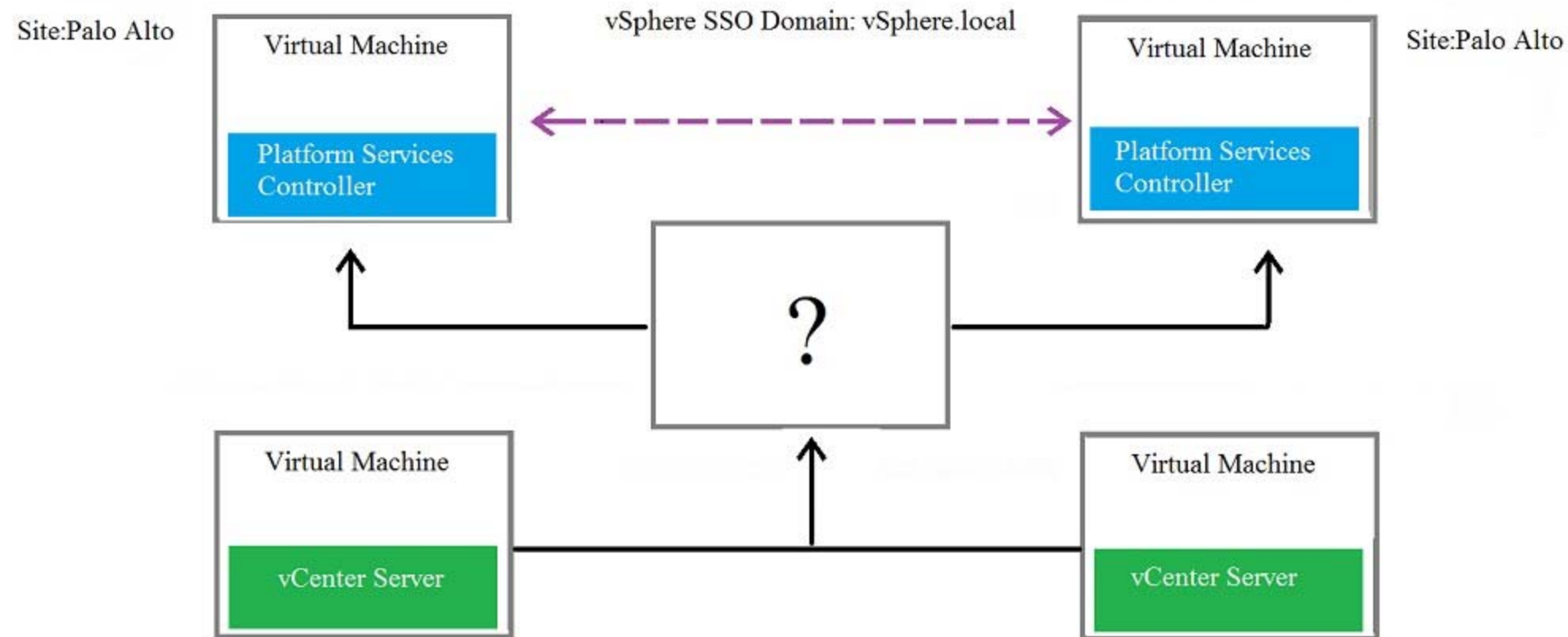
Actual exam question from VMware's 3V0-624

Question #: 23

Topic #: 1

[\[All 3V0-624 Questions\]](#)

View the exhibit.



Referring to the exhibit, which appliance or device belongs in the square with the question mark?

- A. Firewall Appliance
- B. Load Balancer
- C. Platform Services Controller
- D. vCenter Server Appliance

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Actual exam question from VMware's 3V0-624

Question #: 24

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

Match the business statement to its appropriate concept.

Select and Place:

Business statement	Concept
The operations must be automated and scable	Security
The transactions must be services in under 2ms.	Performance
The maximum recovery time objective is two hours.	Availability
The integrity of transactions cannot be compromised.	Manageability
The services cannot be interrupted for more than 5 minutes per year.	Recoverability

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 25

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A developer is tasked with building an application to process shipping requests. The developer is consulting the vSphere team to determine failover options and performance best practices.

- ⇒ The development team is providing three physical ESXi hosts with 8 CPU cores and 256GB of RAM per host.
- ⇒ The developer does NOT know how many virtual machines they will require.

Which virtual machine (VM) sizing strategy will provide the highest level of uptime, individual VM performance, and failover capacity?

- A. A few large 8 vCPU VMs per host protected by vSphere HA.
- B. Many small 1 vCPU VMs participating in an OS level clustered application protected by vSphere HA.
- C. A few large 8 vCPU VMs per host protected by vSphere Fault Tolerance.
- D. Many small 1 vCPU VMs participating in an OS level clustered application protected by vSphere Fault Tolerance.

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 26

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A company has requested a new vSphere 6.5 design that will allow it to finally break the 80 virtualization barrier by virtualizing its resource-intensive application.

- ⇒ The application is highly available by design and includes application-aware clustering software capable of operating as a fully distributed system.
- ⇒ The company's Application Version 2.0 consists of 386 small applications and middleware with non-persistent storage and 24 database virtual machines at each data center.
- ⇒ When coupled with a proper load balancing solution, this application can continue operating even with the loss of an entire data center, but the small applications and middleware tiers within a data center must exist within the same broadcast domain.
- ⇒ The database tier is tightly controlled with a firewall policy that only allows middleware tier access, and is replicated to other sites using a dedicated circuit.

Which two application requirements apply to this scenario? (Choose two.)

- A. The application will require the configuration of an IGMP stub and helper.
- B. Shared storage is required by the application clustering software.
- C. The application will require one large subnet.
- D. The application will require a method of balancing and recovering sessions between sites.

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 27

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

A company is a leading for an online travel booking system with over a \$1,000,000 turnover each day. The company wants to leverage VMware cloud solutions to consolidate, scale, and ensure high availability for all of its data centers.

Match each business requirement to its appropriate design concept.

Select and Place:

Business Requirement	Design Concept
Architecture must support data center-level resiliency.	Performance
Design should require less than 5 minutes to restore after failure.	Recoverability
WAN link between the data centers must be private.	Security
Data centers should be administered by a centralized console.	Manageability
Infrastructure must be properly provisioned to ensure application response time.	Availability

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 28

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A customer is using a vSphere APIs for Storage Awareness (VASA) compatible storage array. The VASA provider is published as a virtual appliance. To ensure recoverability, where must the VASA provider and vCenter server virtual machines be stored?

- A. the VASA provider and vCenter Server will be placed in the standard datastore (VMFS, NFS).
- B. the VASA provider and vCenter Server will be placed on the vVol datastore.
- C. the vCenter Server will be placed on the vVol datastore and the VASA provider will be placed on the standard datastore (VMFS, NFS)
- D. the VASA provider will be placed on the vVol datastore and the vCenter Server will be placed on the standard datastore (VMFS, NFS)

Show Suggested Answer





Actual exam question from VMware's 3V0-624

Question #: 29

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A customer wants to make its data available with a RPO of 10 minutes. Replication to the second data center will be done using the network. Which type of storage configuration should be used?

- A. NFS datastore on ESXi 6.0 with vSphere replication appliance 6.0
- B. VMFS datastore on ESXi 6.0 with vSphere replication appliance 6.5
- C. vSAN datastore on ESXi 6.0 with vSphere replication appliance 6.5
- D. VMFS datastore on ESXi 6.0 with vSphere replication appliance 6.0

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 30

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

A leading steel manufacturer relies on SAP for purchase, sales, and invoice processing.

⇒ It is planning to virtualize its servers to reduce CAPEX and OPEX.

⇒ However, its CIO is concerned about the availability, performance, manageability, recoverability, and security for the SAP database and ERP instance.

Match the business requirement with the appropriate design concept.

Select and Place:

Business Requirement	Design Concept
The application must scale within two hours.	Performance
The application must support clustering between physical and virtual machines.	Recoverability
The application must be restored in 30 minutes in case of disaster.	Security
The application data must be encrypted at rest.	Manageability
The application must generate 200 invoices concurrently.	Availability

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Actual exam question from VMware's 3V0-624

Question #: 31

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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After the vSAN iSCSI Target service is enabled, which statement about iSCSI networks is true?

- A. A separate VMkernel interface may be configured per target.
- B. A single VMkernel interface must be selected for all iSCSI targets.
- C. The vSAN iSCSI Target service always uses all Management VMkernel interfaces.
- D. The vSAN iSCSI Target service always uses the vMotion network.

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 32

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A solution architect has finished conducting interviews and gathering requirement for a company, and has determined that the logical requirements are:

- ⇒ Two data centers for high availability
- ⇒ Synchronous replication to meet the zero-minute PRO
- ⇒ Separating management workloads from application workloads
- ⇒ Dedicated 10Gb uplink for each low latency server
- ⇒ Single management point for the entire environment

Which two actions would meet the design requirements? (Choose two.)

- A. Create two data center objects in vCenter Server.
- B. Configure vSAN Stretched Clustering
- C. Configure SR-IOV for low latency servers
- D. Create one folder for Management workloads and one folder for application workloads

Show Suggested Answer





Actual exam question from VMware's 3V0-624

Question #: 33

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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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

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 34

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

A global financial company has requested assistance with a new cross-site failover design between two sites which will support business critical applications. Latency between the sites is less than 5ms round-trip.

The company requires:

- ⇒ Application must be restarted quickly in the event of a total site failure
- ⇒ Allow for planned migration during maintenance
- ⇒ Applications must be kept online even when migrated due to planned maintenance

Drag each statement to its correct concept:

Select and Place:

Statement	Concept
Application downtime will result in significant financial loss.	Risk
Latency between the two sites will remain at or below 5ms.	Constraint
The product of the design must adhere to regulatory compliance.	Assumption
A limited number of storage solutions support vSphere Metro Storage Clustering.	Requieregment

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 35

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

A company has requested assistance with a new cross-site failover design between two sites which will support business-critical applications. Latency between the sites is less than 5ms round-trip.

The company requires:

- ⇒ Applications must be restarted quickly in the event of a total site failure
- ⇒ Allow for planned migration during maintenance
- ⇒ Applications must be kept online even when migrated due to planned maintenance

Drag each statement to its correct concept.

Select and Place:

Statement	Concept
Applications must be restarted quickly.	Risk
Application downtime will result in significant financial loss.	Constraint
Latency between the two sites will remain at or below 5ms.	Assumption
Applications must be kept online during planned migration between sites.	Requirement

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 36

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

A customer is currently running a vCenter Server 5.5 environment with 48 identically-configured ESXi hosts.

- ⇒ These ESXi hosts are divided into six 8-host HA/DRS clusters.
- ⇒ The customer wants to upgrade to vSphere 6.5 and combine all of its ESXi hosts into a single 48-host HA/DRS cluster.

Place these actions in the correct order to accomplish this.

Select and Place:

Action	Place here
Upgrade the vCenter Server to 6.5.	Step 1
Combine ESXi hosts to single HA/DRS cluster.	Step 2
Back up the vCenter Server 5.5.	Step 3
Upgrade ESXi hosts to version 6.5.	Step 4
Upgrade SSO to Platform Services Controller.	Step 5

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 37

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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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.

Show Suggested Answer

Actual exam question from VMware's 3V0-624

Question #: 38

Topic #: 1

[\[All 3V0-624 Questions\]](#)

DRAG DROP -

Drag each option to its appropriate concept.

Select and Place:

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

Concept
Risk
Constraint
Assumption
Requieregment

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 39

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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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 of 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.

Show Suggested Answer



Actual exam question from VMware's 3V0-624

Question #: 40

Topic #: 1

[\[All 3V0-624 Questions\]](#)

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A company has developers located in Eastern Europe (EE) and a QA Department in Bermuda.

- ⇒ The company is planning to create an environment based on a blueprint of 4-8 virtual machines for each of the developers and one for every QA project.
- ⇒ The proposed configuration will allow each developer to work independently and be able to collapse and re-create the environment as needed.
- ⇒ QA Teams will be able to recreate the environment that is required for a specific application.
- ⇒ Individual virtual machines in the blueprint are being continually updated with newly available software packages.
- ⇒ The company is planning to use the vSphere Content Library to store images and synchronize them between sites.

Which four supported configurations can the company implement? (Choose four.)

- A. EE and Bermuda libraries that are backed by an NFS file system.
- B. EE and Bermuda vCenter Servers with Enhanced Linked Mode.
- C. FTP protocol to transfer data between published in EE and subscribed in Bermuda libraries.
- D. Published library in EE backed by an NFS file system while subscribed library in Bermuda is backed up by datastore.
- E. A minimum 10 GbE connection between EE published and Bermuda subscribed libraries is required.
- F. EE and Bermuda vCenter Servers without Enhanced Linked Mode.

Show Suggested Answer