

3v0-624 Dumps

VMware Certified Advanced Professional 6.5 - Data Center Virtualization Design Exam

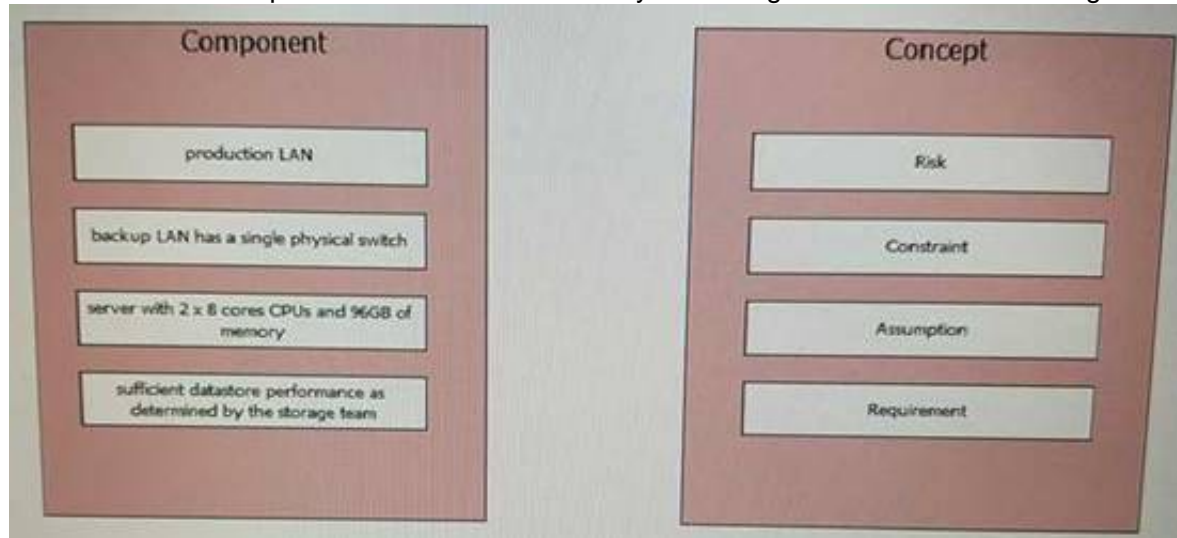
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NEW QUESTION 1

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 96GB 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.



- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Risk = Backup LAN has a single physical Switch

Constraint = Server with 2x8 Core CPU with 96 GB

Assumption = Sufficient datastore performance as determined by storage team

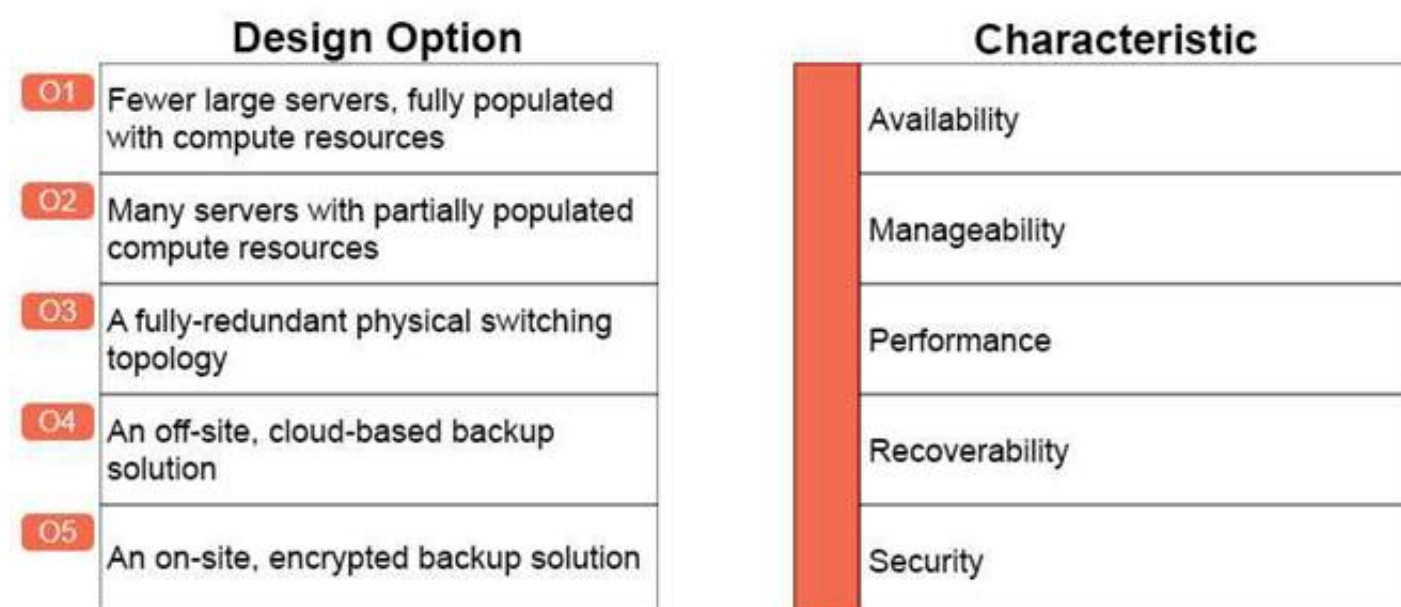
Requirement = Production LAN

NEW QUESTION 2

You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization is evaluating various design options and their impact on the design. For each design option, determine the design characteristic that would be affected by utilizing the option.

Match each Design Option on the left to the Characteristic on the right by dragging the red button (O1-O5) over the text of the appropriate Characteristic.

NOTE: Design Options can be mapped to more than one Characteristic or none at all.



- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Design Option	Characteristic
O1 Fewer large servers, fully populated with compute resources	Availability O2 O3
O2 Many servers with partially populated compute resources	Manageability O1
O3 A fully-redundant physical switching topology	Performance O5
O4 An off-site, cloud-based backup solution	Recoverability O1 O3
O5 An on-site, encrypted backup solution	Security O4

NEW QUESTION 3

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:

- 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

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

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 4

A company is consolidating its IT operations efforts by moving the Finance, IT, and QA departments towards a self-service environment, following SDDC best practices.

- All departments have different priorities and expectations for uptime of the required infrastructure and applications.
- Project stakeholders are still discussing final approvals for the budget with the CFO.
- To drive down the operating cost of the environment, only blade servers will implement this project.
- To ensure business continuity, a colocation provider was chosen to fail over virtual machines.
- The implementation of the project will follow a public reference architecture provided by VMware. What is the assumption in this scenario?

- A. The chosen architecture is sufficient.
B. All departments demand different SLAs.

- C. Final budget approvals are being discussed.
- D. The environment will be shared by several departments.

Answer: A

NEW QUESTION 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.
- D. If it is, download it manually, log in to the VCSA with the root credentials, and proceed with the OS update.
- E. Configure VMware Update Manager to download the OS update and apply it on a scheduled basis.

Answer: A

NEW QUESTION 6

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

Answer: BDE

NEW QUESTION 7

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 reserved.
- 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: BC

NEW QUESTION 8

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 ratio 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 backup space will not be sufficient if using VM Encryption.
- D. The current firewalls will support the additional workloads.

Answer: AB

NEW QUESTION 9

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.

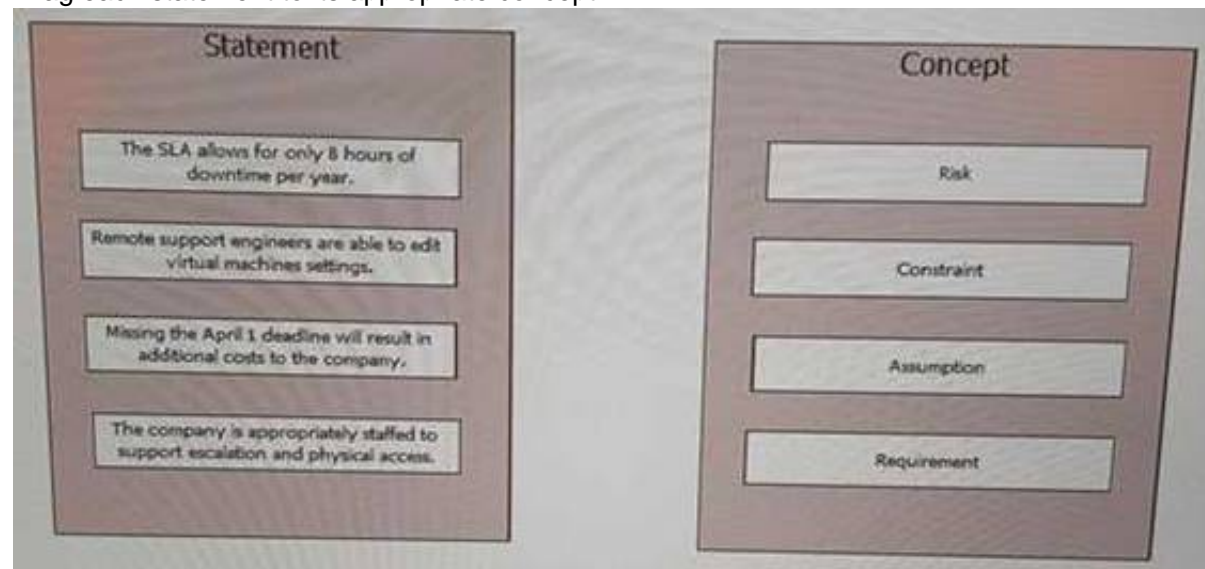
Answer: AD

NEW QUESTION 10

A company is outsourcing its support operations to an external service provider 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 supposed 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.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Risk --> Missing the April 1 deadline...

Constraint --> Remote support...

Assumption --> The company is...

Requirement --> The SLA allows for..

NEW QUESTION 10

A company has requested that a new vSphere 6.5 design be created.

- The existing environment consists of 32 vSphere 6.0 hosts attached to an iSCSI storage array.
- The storage arrays contain external customer financial and medical records used by the company's investment and medical services division.

The design must:

- protect the company's existing data center investment
- expand to a second data center site
- introduce process automation
- expand to and fail over to public cloud

Which two non-functional requirements are applicable for this design? (Choose two.)

- A. The product of the design must account for regulatory compliance.
- B. The automation solution must be compatible with the existing equipment.
- C. The product of the design must feature 3DES encryption at the virtual machine disk level.
- D. At least two 10Gbps interfaces must be dedicated to storage on each host.
- E. Every host in the design must have Lockdown Mode enabled for security.

Answer: CD

NEW QUESTION 11

A number of factors determine how many physical adapters are needed in a host design. Which of the following is not one of them?

- A. Virtual machine size
- B. Amount of bandwidth required
- C. Security requirements
- D. Hardware fault tolerance

Answer: A

NEW QUESTION 15

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, when 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

Answer: CD

NEW QUESTION 18

Customer Information

The Customer Labtown has a new vSphere 5 environment with one of their line of business applications recently being virtualized. Labtown requires that their Webserver, Database Server, and Fileserver for their line of business app be created into a vAPP. The VM's should start up in a specific order to insure the application starts correctly after an outage or reboot. Labtown also wants the best performance possible out of each VM. There is three hosts in the cluster each running the same CPU and Memory specifications. each host is running at 60% utilization right now. Labtown doesn't have any budget for more hosts.

Create a logical vAPP design for Labtowns Line of Business Application Requirements

- The server must boot in the following order: DB, Fileserver, WebServer
- Each VM must perform the best it can with the current cluster configuration Instructions
- Place the three VM's on the vAPP
- Place the boot order boxes ontop of each VM to indicate the VM's boot order
- Place the VM stencil for each VM in the DRS rules section if you wish to apply DRS rules to the design
- As long as VM's are on the vAPP stencil marks will be scored

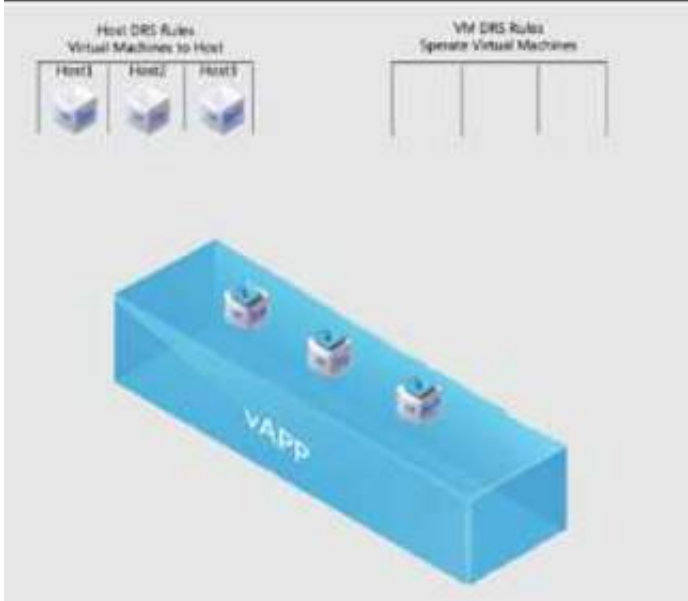
See the solution below

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Check below for answer solution



NEW QUESTION 19

You have been tasked with creating a vSphere 6.5 data center design for an organization. The customer has decided to virtualize their database application and has provided specific design requirements. You must determine how these requirements map to the design characteristic(s).

Match Database Requirements with Design Characteristics by dragging the red button (R1-R5) over the text of the appropriate Design Characteristic.

NOTE: Database Requirements can be mapped to more than one Design Characteristic.

Database Requirements

R1

The design must provide enough resources to handle peak utilization times.

R2

The design must support the required average transaction count.

R3

The database application is mission critical.

R4

The design should support 7 days of transaction logs.

R5

The design should be able to gather I/O statistics for the application.

Design Characteristics

Availability

Manageability

Performance

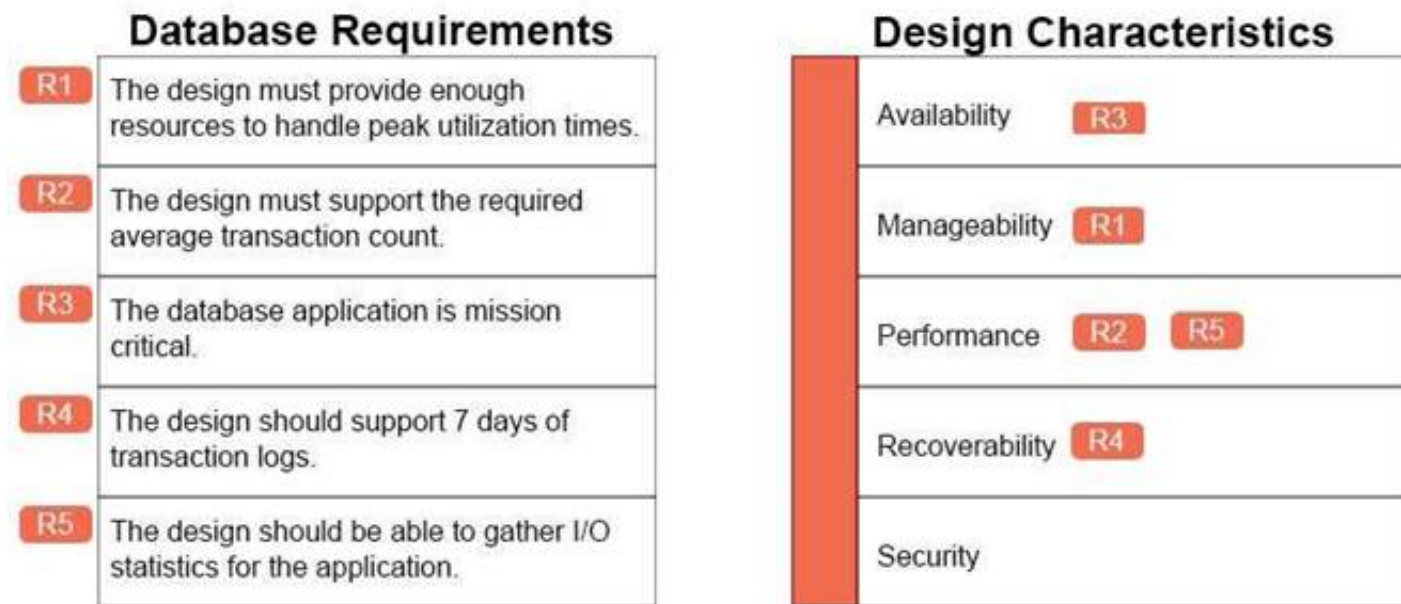
Recoverability

Security

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 21

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

Answer: A

NEW QUESTION 23

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: A

NEW QUESTION 25

Customer Information

The Customer labtown is looking to purchase a new storage system and has hired you to create a logical design. Labtown requires no single points of failure when it comes to the fabric connecting the storage. Labtown has already decided that the new storage system will be using fibre to re-use as much of the previous hardware as possible to increase ROI. Labtown would also like a tiered disk system broken into three categories with the database sitting in the fastest tier, the two web servers sitting in the medium tier, and the file server sitting in the slowest tier.

Create a logical design for Labtown's new Storage System Requirements

- Create a tiered storage system for Labtown - No single points of failure - Ensure storage performance SLA's are met with the four line of business VM's

Instructions

- Place VM's on the bottom of the page and connect them with the connector to the storage LUN they will belong to.
- Connect the storage LUN with the service processor with the connector
- Connect the storage processors to the SAN switch
- Place HBA's just below the host, as long as they are close to the host points will be scored
- Connect HBA's to SAN switches with either the Fixed, MRU, or RR Connector to dictate the PSP Policy for storage on the ESXi host.

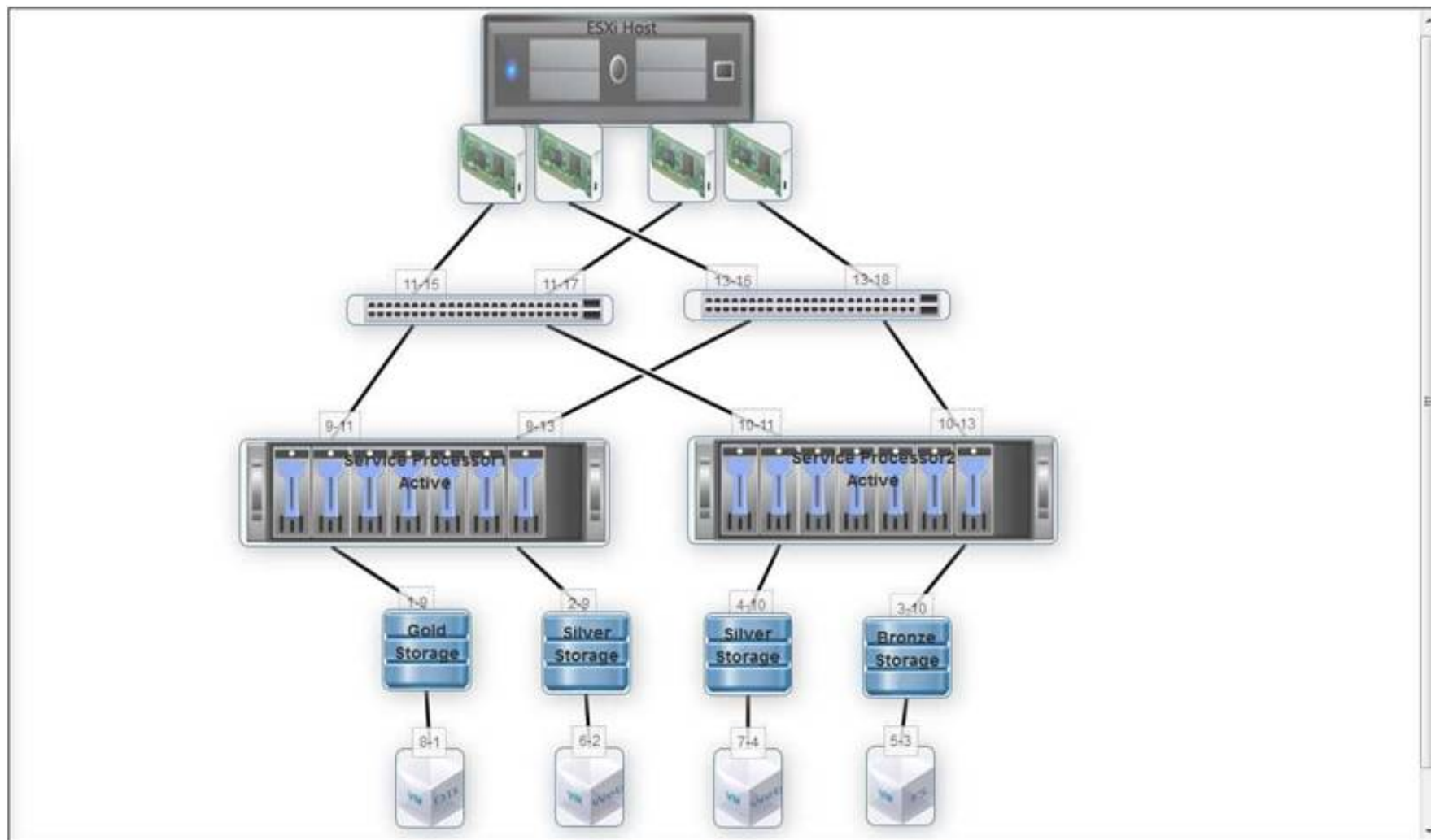
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Check below for answer solution

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NEW QUESTION 29

An organization is trying to determine whether it should use the Windows version of the vCenterServer or use the vCenter Server Appliance (VCSA). The organization will be using an external Oracle database, and it will manage about 30 ESXi hosts and about 200 virtual machines on 1 vCenter Server, but it would also like to see another group's vCenter Server from the same vSphere client window. Which type of vCenter Server should it use, and why?

- A. The vCenter Server Appliance (VCSA) because it can be used with Oracle
- B. The VCSA because it can support 30 ESXi hosts
- C. The Windows version because it can support Oracle
- D. The Windows version because it can support Linked mode

Answer: A

NEW QUESTION 33

A company has one data center site running 50 hosts and 400 virtual machines and requires a vSphere 6.5 design.

1. The CIO wants to add a secondary site for Disaster Recovery (DR) with A hours RPO.
2. The application developer is concerned about anticipated growth as several new projects begin.
3. The CISO is worried about data leaks and theft.
4. The CTO would like to buy new servers with better specifications and higher consolidation ratio.

Determine the critical requirements for each of the key stakeholders. Some requirements might have more than one stakeholder.

Business Requirements	Client CIO	Client CTO	Client Developer
Performance	Place here	Place here	Place here
Cost	Place here	Place here	Place here
Business Continuity	Place here	Place here	Place here
Disaster Recovery	Place here	Place here	Place here
Data Integrity	Place here	Place here	Place here

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Client CIO Disaster Recovery Business Continuity Data Integrity Client CTO Cost Performance Client Developer Performance

NEW QUESTION 37

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.

Answer: ABDF

NEW QUESTION 41

You have been provided with a list of requirements for a vSphere Design. For each requirement, categorize the requirement as a component of the conceptual, logical, or physical design.

Drag a requirement button (R1-R8) over to the green space provided beside the corresponding Design Phase.

Requirement	Design Phase
R1 The design requires a Internet connectoin between sites	Conceptual
R2 The design requires a Cloud-enabled Infrastructure	
R3 The design must be vendor neutral	
R4 The design requires specific vendors and products	Logical
R5 The design requires a change management system	
R6 The design requires a scale-out-architecture	
R7 The design requires specific CPU allocation settings	Physical
R8 The design must use vCenter Chargeback manager 2.5.1	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Requirement	Design Phase
R1 The design requires an Internet connection between sites	R1 Conceptual
R2 The design requires a Cloud-enabled Infrastructure	
R3 The design must be vendor neutral	
R4 The design requires specific vendors and products	R5 Logical
R5 The design requires a change management system	
R6 The design requires a scale-out-architecture	
R7 The design requires specific CPU allocation settings	R4 Physical
R8 The design must use vCenter Chargeback manager 2.5.1	

NEW QUESTION 43

When planning on resource use for the servers, you should plan on leaving resources available for all the following except .

- A. patching
- B. maintenance mode
- C. future growth
- D. log file space

Answer: D

NEW QUESTION 48

A validation plan is used to do which of the following? (Select all that apply.)

- A. Verify the design
- B. Verify that the system is functional
- C. Verify that the system meets requirements
- D. Meet current best practices

Answer: ABC

NEW QUESTION 51

A customer has these requirements for storage:

- Protocol used must have a file based access.
- Protocol used must have built in native multipathing.
- protocol used must support authentication.

To meet these requirements, which protocol should be used for storage?

- A. NFS v3
- B. NFS v4.1
- C. FCoE
- D. iSCSI

Answer: B

NEW QUESTION 55

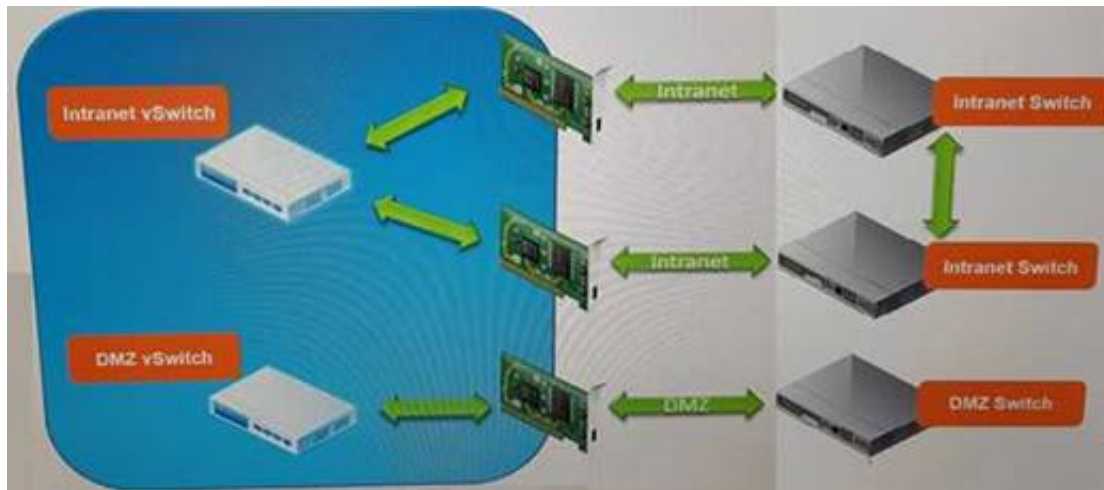
The ability to live-migrate all virtual machines between two clusters is a requirement in the customer's design. Which two clusters and EVC configurations will accomplish this? (Choose two)

- A. 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
- B. Cluster 1• ESXi 5.6• Intel® Broadwell CPUs• EVC Disabled Cluster 2• ESXi 6.5• Intel® Broadwell CPUs• EVC Disabled
- C. 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
- D. 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

Answer: BC

NEW QUESTION 58

View the Exhibit.



Referring to the Exhibit, identify the two single points of failure in this design. (Choose two.)

- A. Intranet Switch
- B. Intranet Uplink
- C. Intranet vSwitch
- D. DMZ Switch
- E. DMZ Uplink
- F. DMZ vSwitch

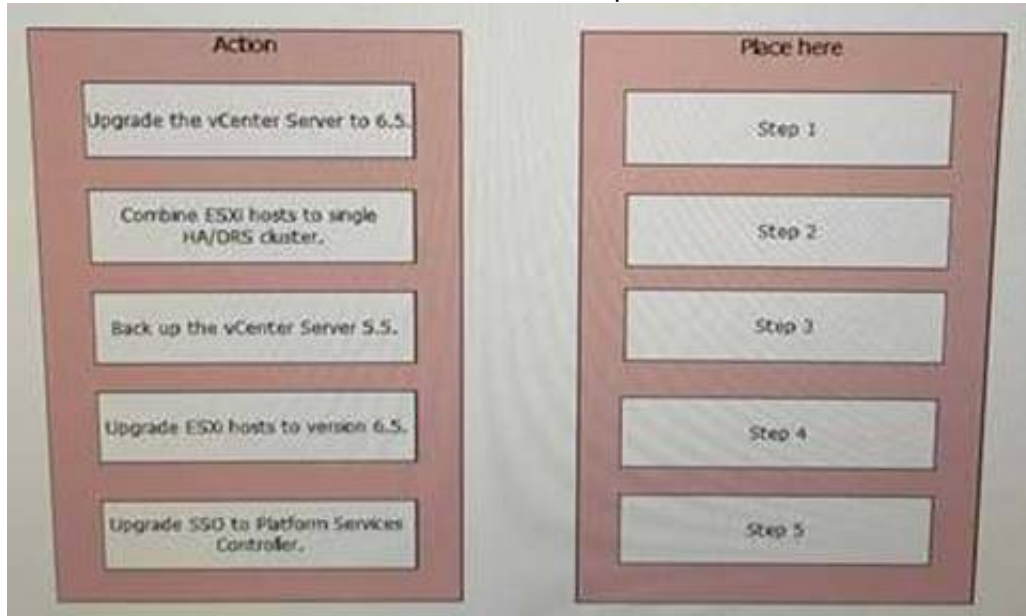
Answer: EF

NEW QUESTION 63

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.



- A. Mastered
B. Not Mastered

Answer: A

Explanation:

1 - Backup vCenter 5.5 2- Upgrade the SSO to PSC3 3- Upgrade vCenter to 6.5 4- Upgrade ESXi hosts to version 6.5 5- Combine ESXi hosts to single...

NEW QUESTION 66

A company would like to leverage snapshot technology on vSphere 6.5. Which configuration supports taking snapshots?

- A. Windows Failover Cluster VM with RDM in virtual mode
B. vSphere Fault Tolerance VM
C. Windows Failover Cluster VM with RDM in physical mode
D. SQL Always On Availability Group

Answer: A

NEW QUESTION 69

A host has three dual-port network cards. What is the maximum number of vSwitches that can be integrated with the physical network, assuming that network redundancy is not a requirement?

- A. 3
B. 6
C. 256
D. 512

Answer: B

NEW QUESTION 72

Which of the following needs to be considered when determining the amount and size of the hosts required for a virtual design?

- A. Aggregate CPU and memory requirements
B. Future growth
C. Number of vCPUs to be hosted per box
D. All of the above

Answer: D

NEW QUESTION 74

You have been tasked with creating a vSphere 6.5 design for an organization. The customer wants to ensure isolation in the network but does not know when to incorporate physical networks, VLANs and PVLANs.

Evaluate the design requirement and determine the isolation method to satisfy the design.

Match each Design Requirement on the left by dragging the red Requirement buttons (R1-R5) over the text of the appropriate Isolation Method.

NOTE: Multiple Design Requirements may fit each Isolation Method.

Design Requirements

Isolation Method

R1	Physical network ports equal networks required.
R2	Physical network ports are less than networks required.
R3	Need to limit communication between servers in the same layer 2 network.
R4	Customer has a 10Gb network.
R5	Isolation is particularly important for servers in networks that have some degree of public access, like the servers in a DMZ network.

	Physical network separation
	VLAN
	PVLAN

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Design Requirements

Isolation Method

R1	Physical network ports equal networks required.
R2	Physical network ports are less than networks required.
R3	Need to limit communication between servers in the same layer 2 network.
R4	Customer has a 10Gb network.
R5	Isolation is particularly important for servers in networks that have some degree of public access, like the servers in a DMZ network.

	Physical network separation	R1	R3
		R4	
	VLAN	R5	R2
		R4	
	PVLAN	R2	R3

NEW QUESTION 76

Customer Requirements:

You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization has produced two 24 port FC switches, and Asymmetrical Active/Active storage array (2 storage Processors with 4 ports each) and 22 ESXi Hosts with 2 dual port HBAs in each. Due to budgetary constraints, the organization cannot purchase anymore equipment. They have provided the following requirements:

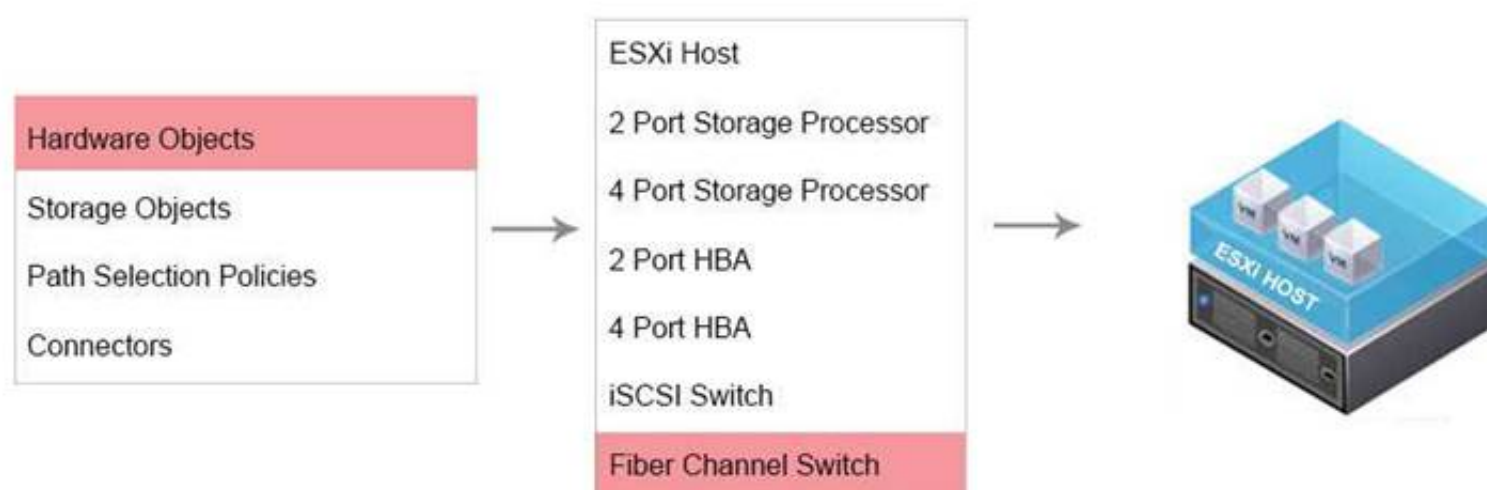
- The existing Fibre Channel (FC) Asymmetrical Active/Active Array and FC switches must be used.
- No single point of failure to any datastore.
- Configuration must provide failover and load balancing.
- The customer requires a solution that will accommodate virtual machines with three different I/O load requirements:
- Static web virtual machines
- Critical application virtual machines.
- Object storage for their database virtual machines.

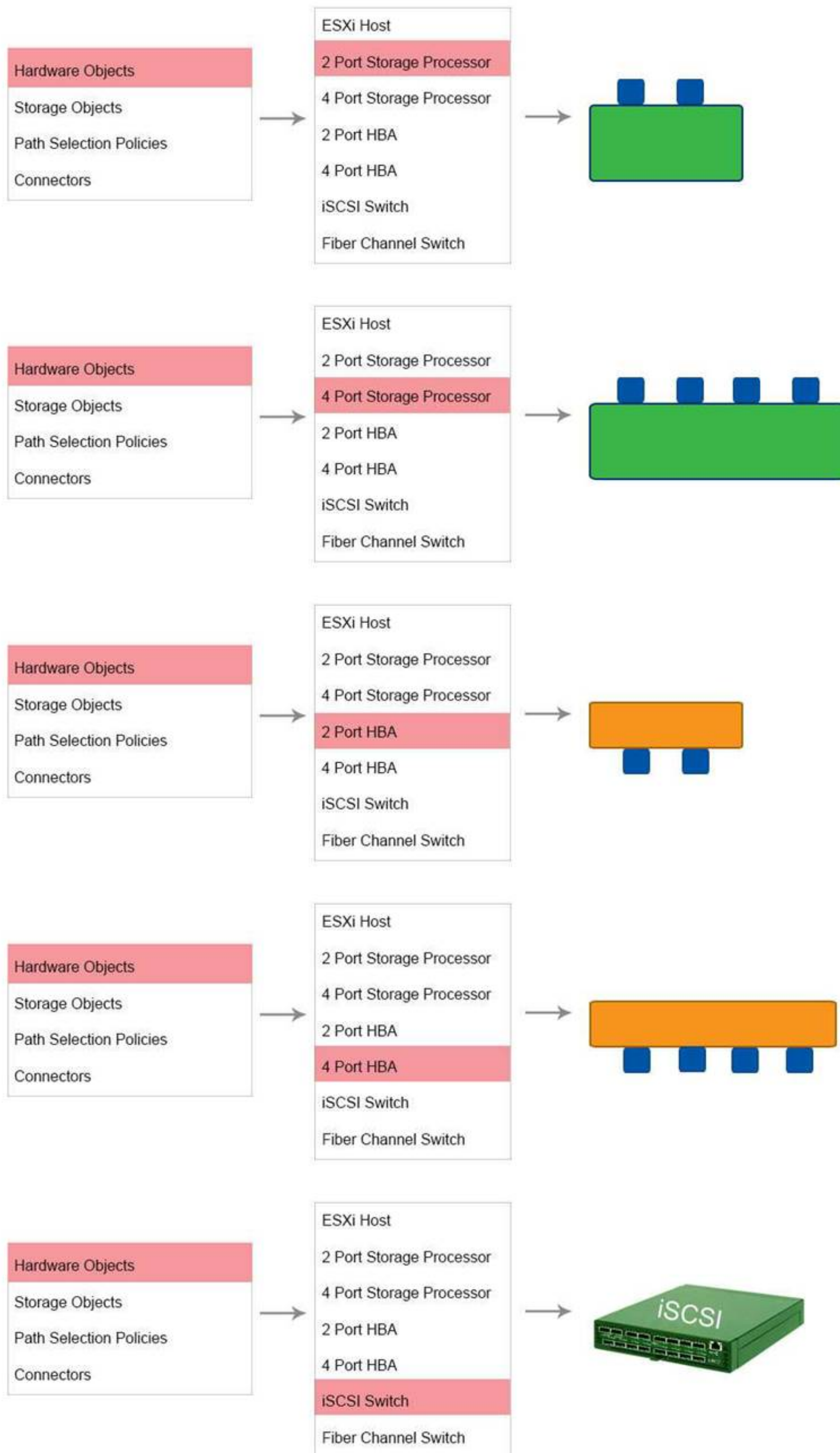
Design Requirements:

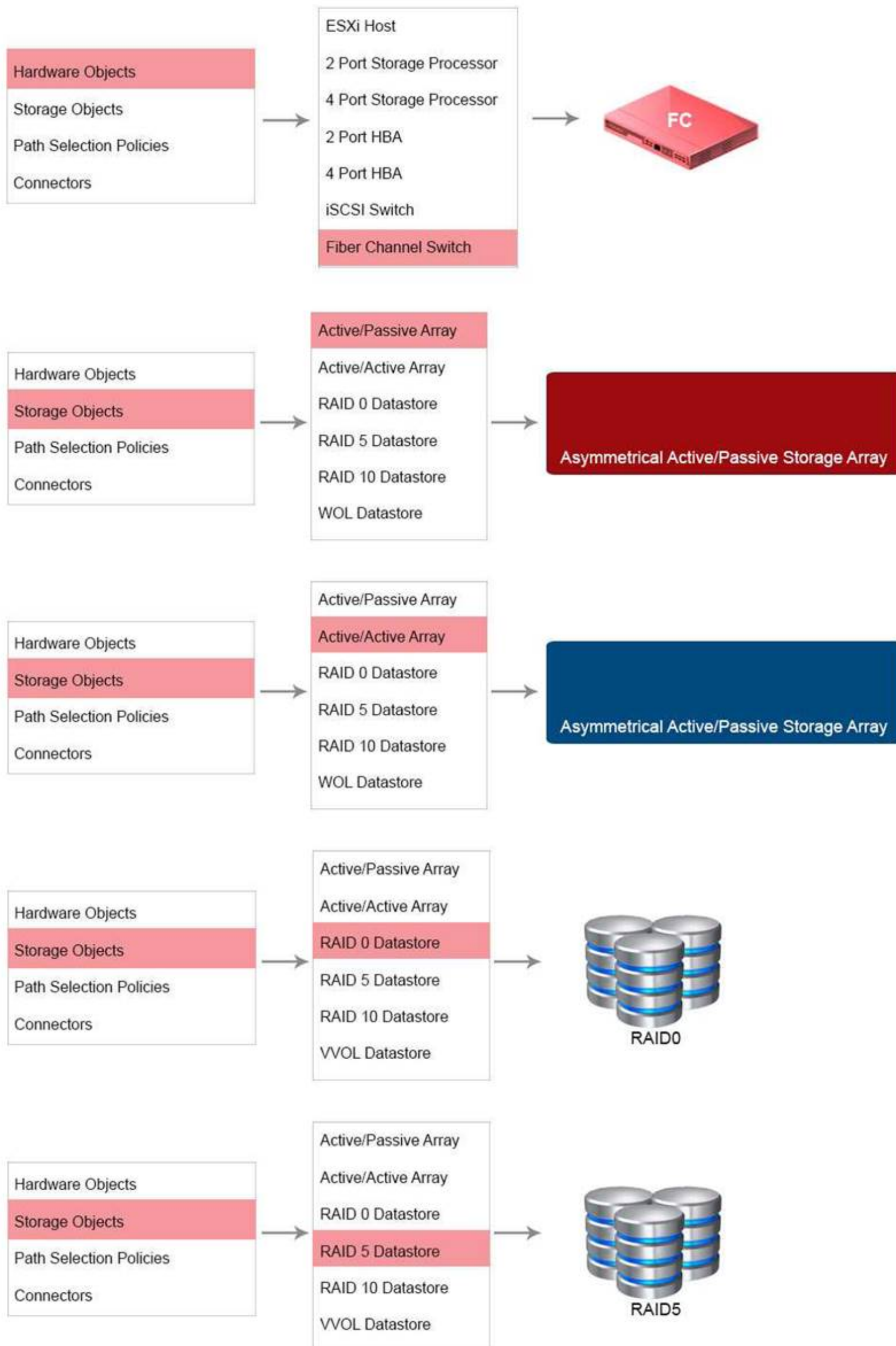
Create a logical design that be applied to each of the ESXi Hosts. The design should meet, but not exceed the customer's requirements and should include:

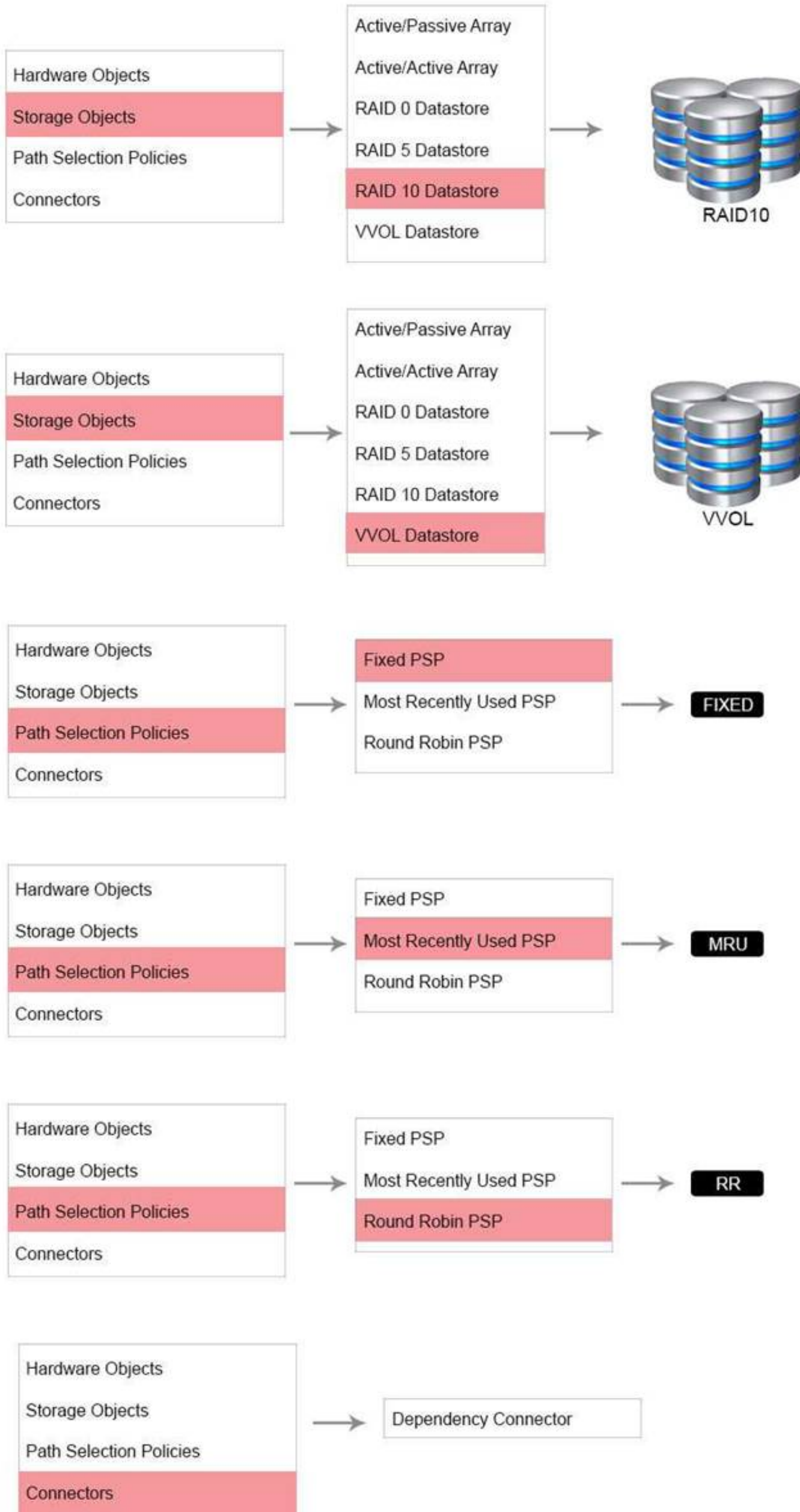
- All required hardware
- All required resources

Place the required datastore(s) in the storage array(s). Connect the storage processor(s) to the storage array(s). Connect the switch(es) to the storage processor(s) and HBA(s). Connect the ESXi host to the HBA(s) and Path Selection Policies.







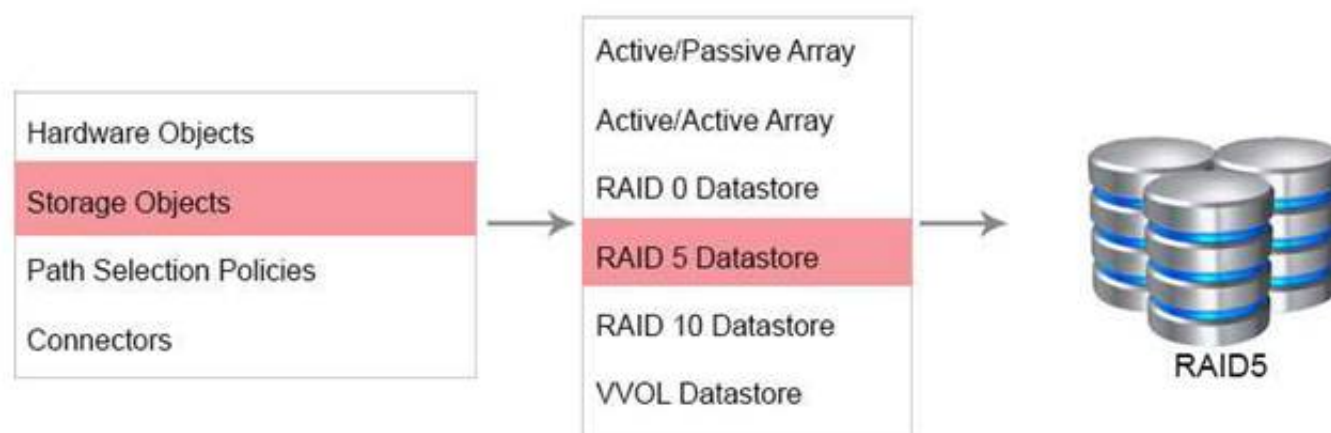
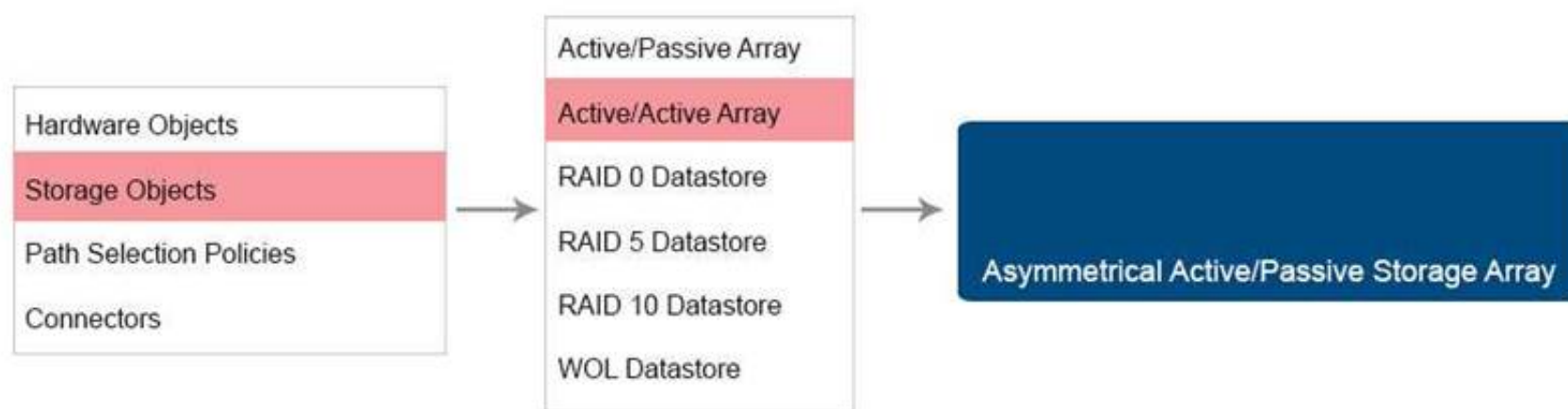
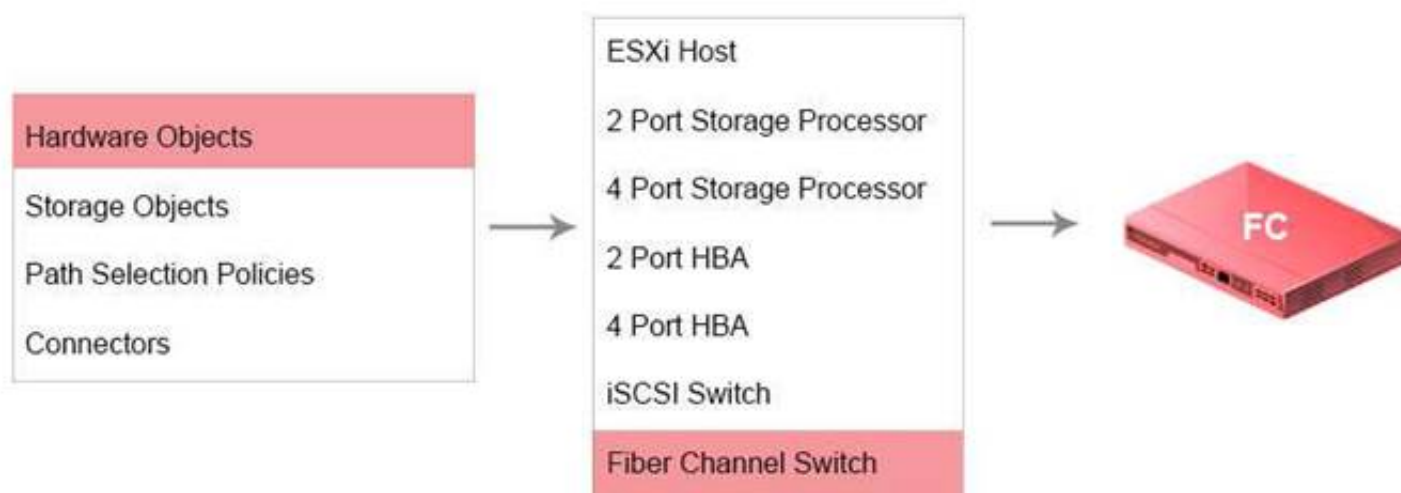
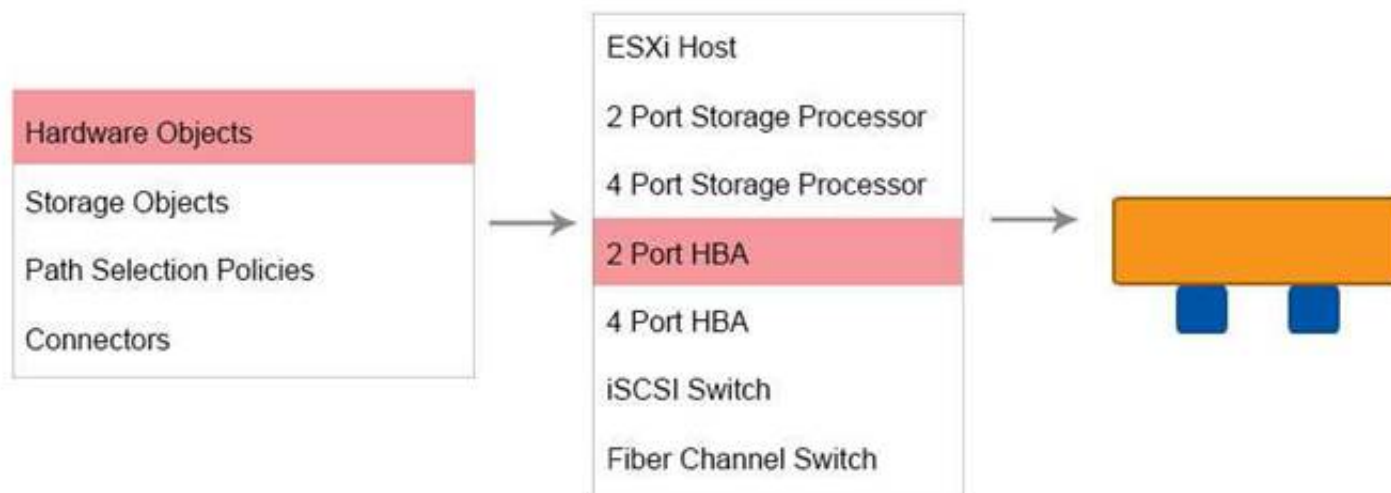
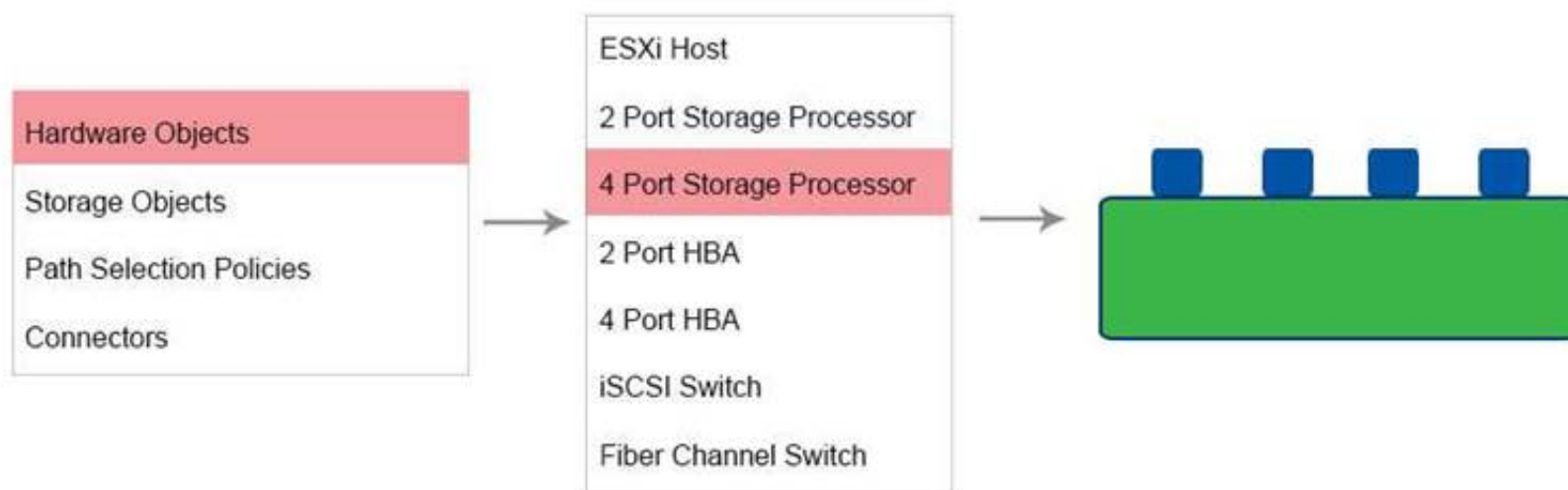


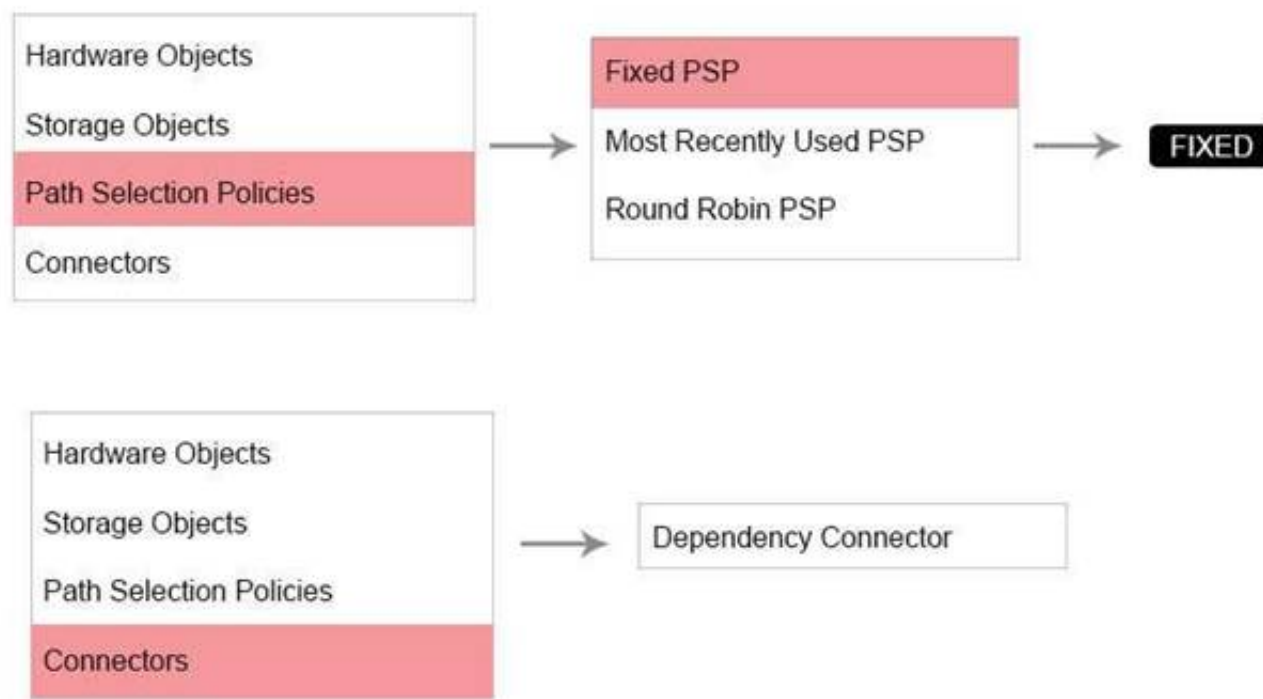
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Check below for answer solution





NEW QUESTION 81

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 port 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.

Answer: BD

NEW QUESTION 84

A business organization has different types of network traffic, and all the types of traffic must be kept separated. The design architect knows that the number of required networks is greater than the number of physical ports in the system.

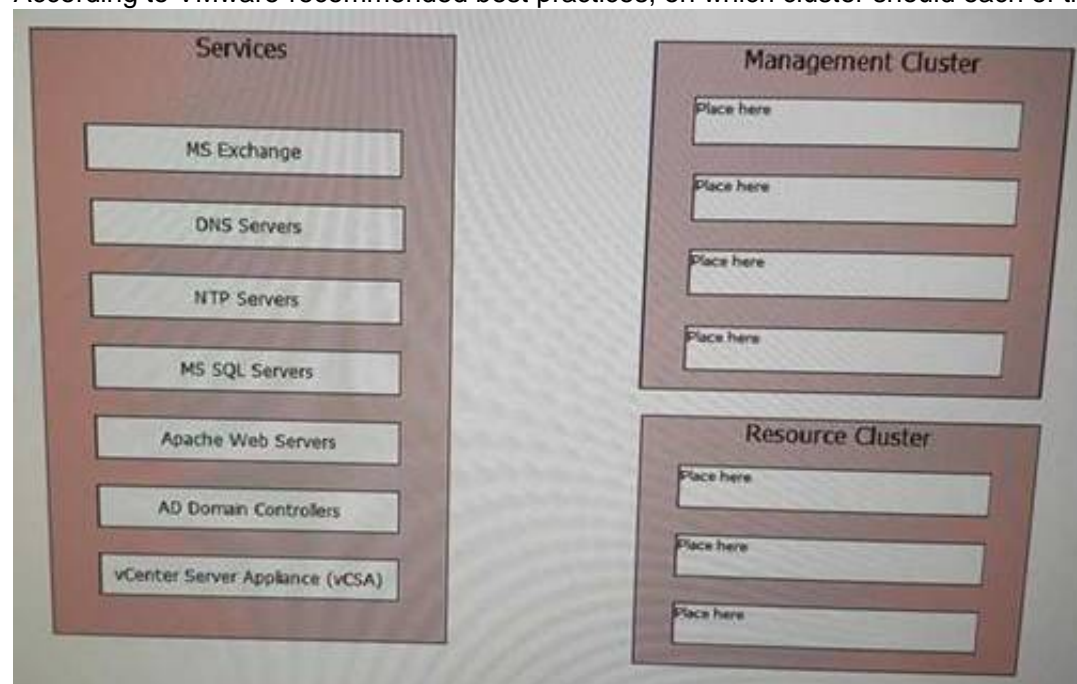
Which three choices can the architect use to keep the traffic separated? (Choose three.)

- A. Combine vMotion, Management, and vSAN to one VMkernel port.
- B. Configure VLANs to create separate networks.
- C. Purchase hardware that supports a greater number of network ports.
- D. Utilize Private VLANs.

Answer: BCD

NEW QUESTION 85

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

ManagementDNS ServersVCSAAD DomainNTP ServersResourceMS ExchangeMS SQLApache Web

NEW QUESTION 90

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.

Answer: A

NEW QUESTION 92

A solutions 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 6.5.
- B. VMs created in vSphere 6.5 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.

Answer: C

NEW QUESTION 96

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