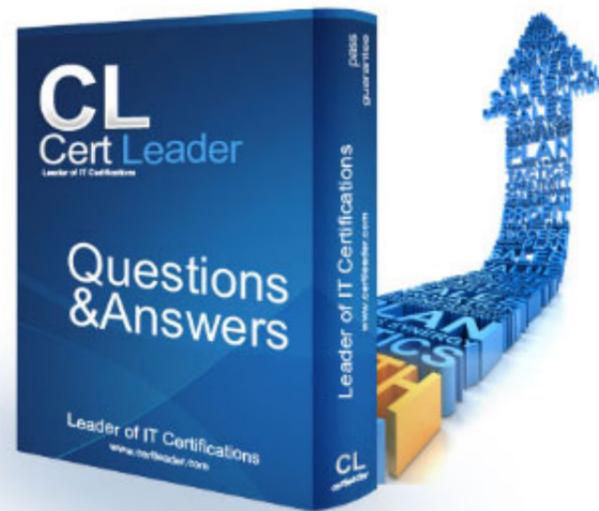


3v0-624 Dumps

VMware Certified Advanced Professional 6.5 - Data Center Virtualization Design Exam

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NEW QUESTION 1

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.

Answer: B

NEW QUESTION 2

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 3

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 4

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 5

A customer has requested a vSphere 6.5 deployment design where ESXi hosts are provisioned with Auto Deploy. The customer requires that certificates can be automatically refreshed and renewed from the vSphere Web Client for ESXi hosts. Which certificate policy should be configured for vCenter Server?

- A. Thumbprint Mode
- B. VMware Certificate Authority
- C. Custom Certificate Authority
- D. Subordinate Certificate Authority

Answer: B

NEW QUESTION 6

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 7

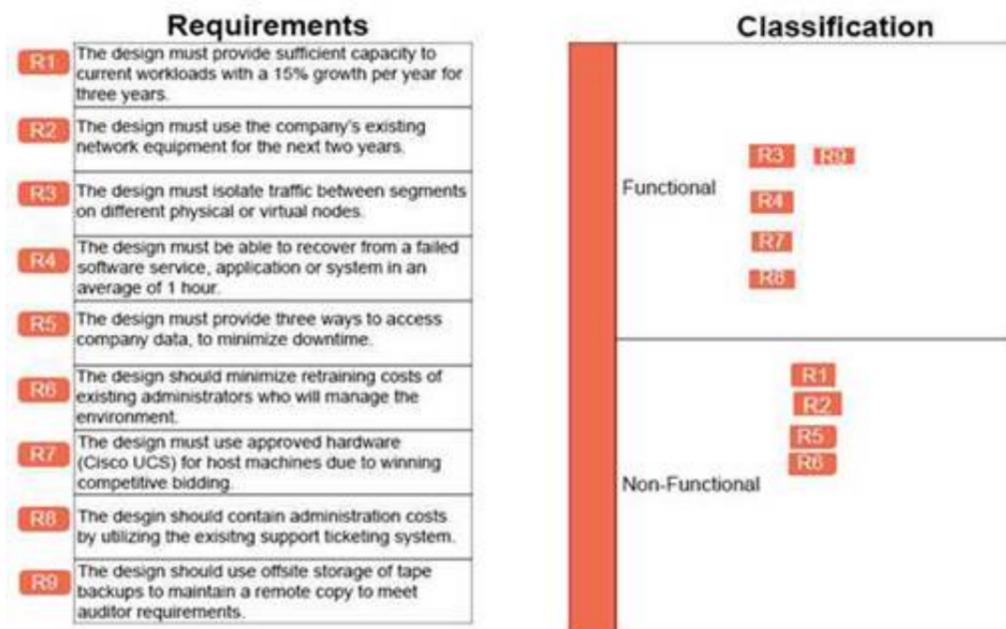
You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization has provided information via requirements gathering. Evaluate each statement and determine if the requirement is functional or non-functional. Match Requirements on the left by dragging the red buttons (R1-R9) over the text of the appropriate Classification.

Requirements	Classification
R1 The design must provide sufficient capacity to current workloads with a 15% growth per year for three years.	<div style="border: 1px solid black; padding: 10px;"> <div style="text-align: center; border-bottom: 1px solid black; height: 50px;">Functional</div> <div style="text-align: center; height: 100px;">Non-Functional</div> </div>
R2 The design must use the company's existing network equipment for the next two years.	
R3 The design must isolate traffic between segments on different physical or virtual nodes.	
R4 The design must be able to recover from a failed software service, application or system in an average of 1 hour.	
R5 The design must provide three ways to access company data, to minimize downtime.	
R6 The design should minimize retraining costs of existing administrators who will manage the environment.	
R7 The design must use approved hardware (Cisco UCS) for host machines due to winning competitive bidding.	
R8 The design should contain administration costs by utilizing the existing support ticketing system.	
R9 The design should use offsite storage of tape backups to maintain a remote copy to meet auditor requirements.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 8

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.

Answer: A

NEW QUESTION 9

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

Answer: AD

NEW QUESTION 10

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 10

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.

Answer: BD

NEW QUESTION 12

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:

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.

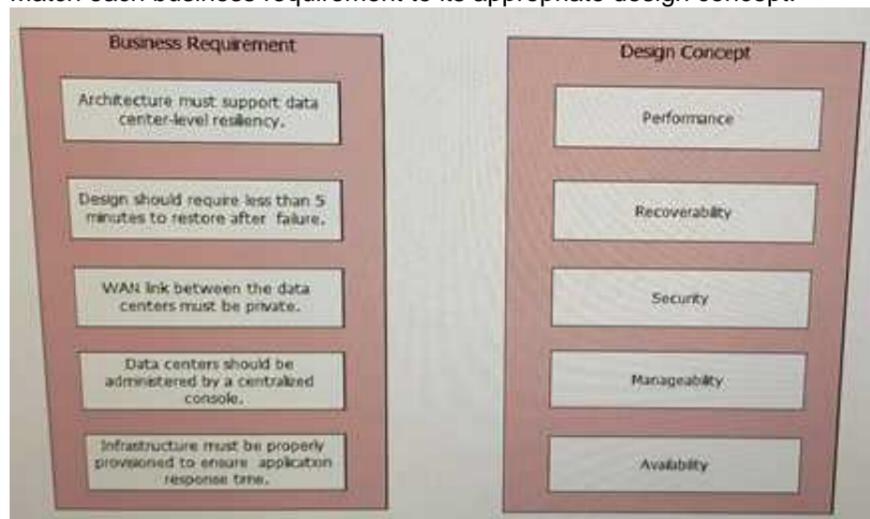
Design Characteristics

Availability	R3
Manageability	R1
Performance	R2 R5
Recoverability	R4
Security	

NEW QUESTION 17

A company is a leading provider 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.



- A. Mastered
- B. Not Mastered

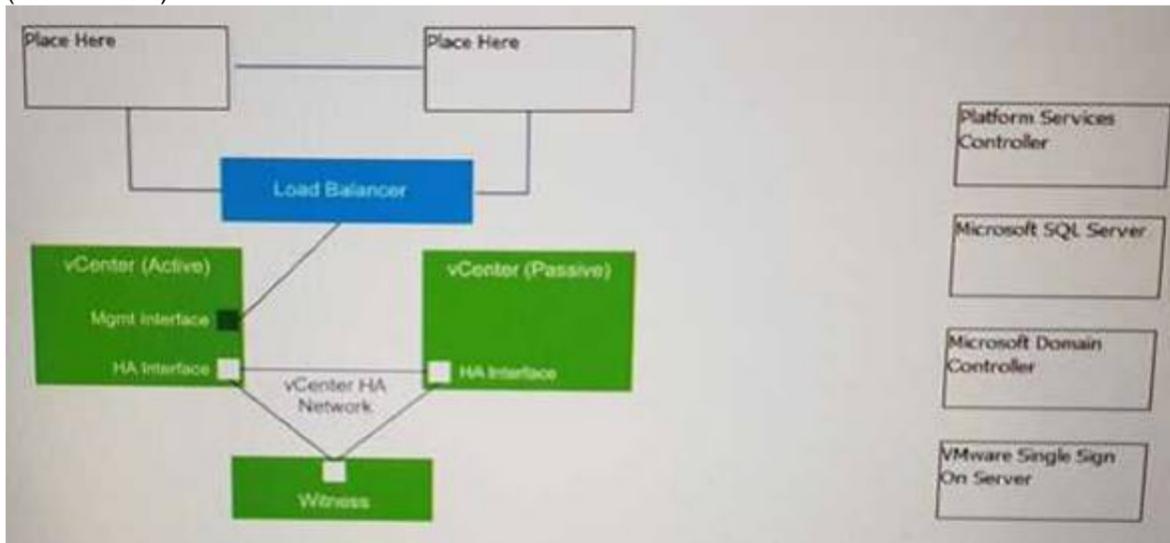
Answer: A

Explanation:

Performance --> Infrastructure must be properly provisioned... Recoverability --> Design should require less than 5' to restore... Security --> WAN links between... Manageability --> DCs should be administered by a centralized console Availability --> Architecture must support DC level resiliency

NEW QUESTION 20

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.)



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Platform services controller

NEW QUESTION 23

You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization has identified a number of challenges that occur within their current infrastructure that they would like addressed in the design. For each challenge, determine the vSphere technologies that could be used in the design. Match each Challenge on the left by dragging the red Challenge buttons (C1-C4) over the appropriate Technology.

Challenge	Technology
C1 We can test often enough to determine if a solution is plausible.	vSphere HA
C2 Managing the recovery and relocation of our current servers is a manual process.	vSphere Fault Tolerance
C3 We continue to lose money due to frequent application server crashes.	vSphere Data Protection
C4 Server maintenance causes excessive application downtime.	Virtual Machine Snapshots
	VMware vSphere vMotion
	Distributed Resource Scheduler
	Virtual Machine Cloning
	vSphere Update Manager

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Challenge	Technology
C1 We can test often enough to determine if a solution is plausible.	vSphere HA C4
C2 Managing the recovery and relocation of our current servers is a manual process.	vSphere Fault Tolerance C3
C3 We continue to lose money due to frequent application server crashes.	vSphere Data Protection
C4 Server maintenance causes excessive application downtime.	Virtual Machine Snapshots C2
	VMware vSphere vMotion C4
	Distributed Resource Scheduler
	Virtual Machine Cloning C1
	vSphere Update Manager C4

NEW QUESTION 27

You are a platform designer constructing a physical design from an existing approved logical design. Out of the vendor proposals, there are two proposed solutions that could be used. Which of the following options is the most important factor when making a decision?

- A. Community and vendor-based best practices
- B. Existing vendor relationships
- C. Project requirements
- D. Project budget

Answer: C

NEW QUESTION 29

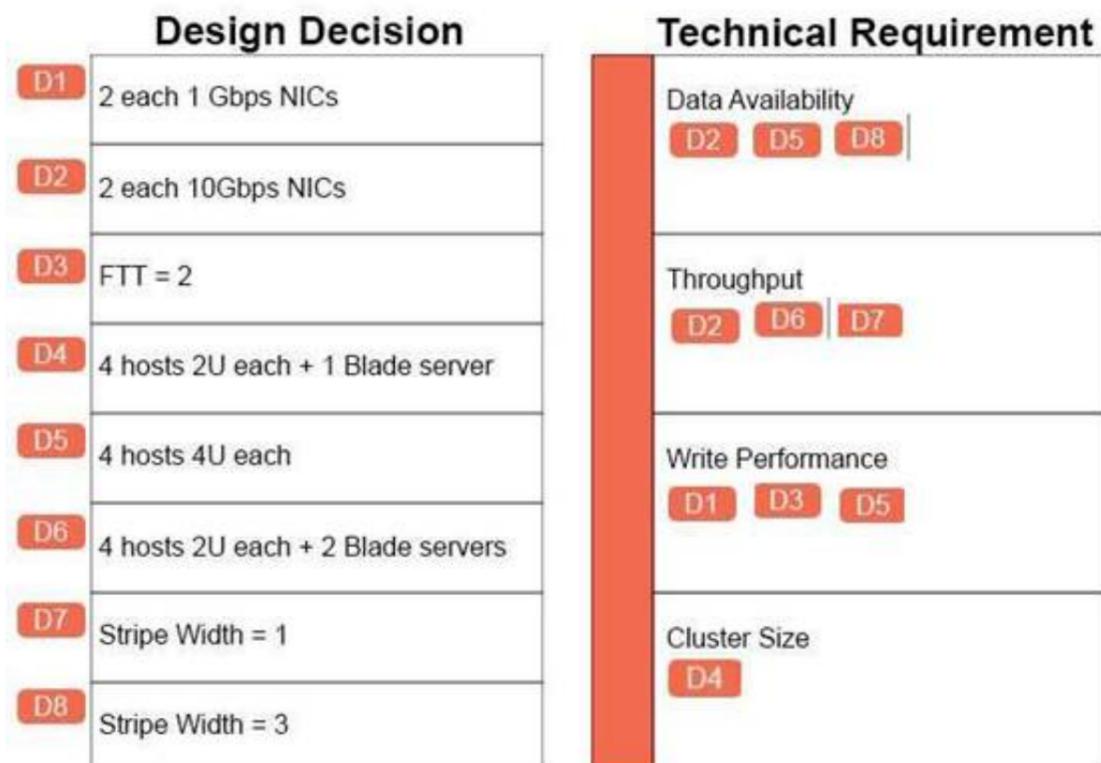
You have been tasked with creating a vSphere 6.5 design for an organization. The organization is looking to implement a Virtual SAN into their environment. You have been tasked with determining whether a given Virtual SAN logical design decision meets the technical requirements of their infrastructure. For each Design Decision on the left drag the red Decision buttons (D1-D8) on the right and place it on the proper Technical Requirement. NOTE: Not all Design Decisions will be used.

Design Decision	Technical Requirement
D1 2 each 1 Gbps NICs	Data Availability
D2 2 each 10Gbps NICs	Throughput
D3 FTT = 2	Write Performance
D4 4 hosts 2U each + 1 Blade server	Cluster Size
D5 4 hosts 4U each	
D6 4 hosts 2U each + 2 Blade servers	
D7 Stripe Width = 1	
D8 Stripe Width = 3	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

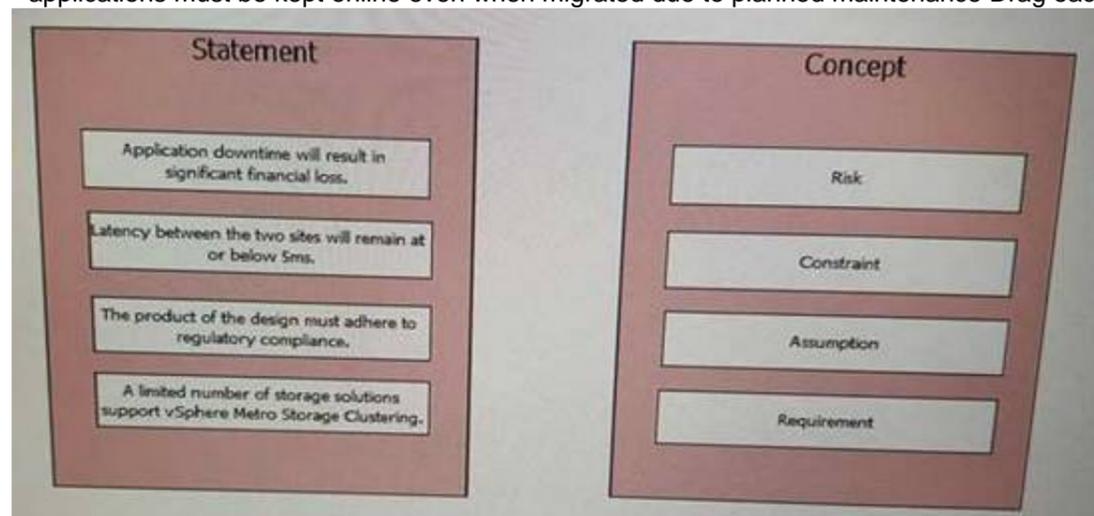


NEW QUESTION 34

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Risk--> App downtime..
 Constraint --> The product of the desing must...
 Assumption --> A limited number of storage...
 Requirement --> Latency between the two sites...

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 42

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	Conceptual
R3 The design must be vendor neutral	Conceptual
R4 The design requires specific vendors and products	Conceptual
R5 The design requires a change management system	Conceptual
R6 The design requires a scale-out-architecture	Conceptual
R7 The design requires specific CPU allocation settings	Conceptual
R8 The design must use vCenter Chargeback manager 2.5.1	Conceptual
	Logical
	Physical

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 47

Customer Requirements:

You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization wants three defined virtual machine performance levels:

- Gold Tier – High workload VMs
- Silver Tier – Medium workload VMs
- Bronze Tier – Development workload VMs

The organization has eight ESXi hosts that can be used in the design. Five of the hosts are older “medium performance” hosts, while the last 3 are newer “high performance” hosts that provide better resources when compared to the other hosts. The organization has provided a list of requirements that the design must meet:

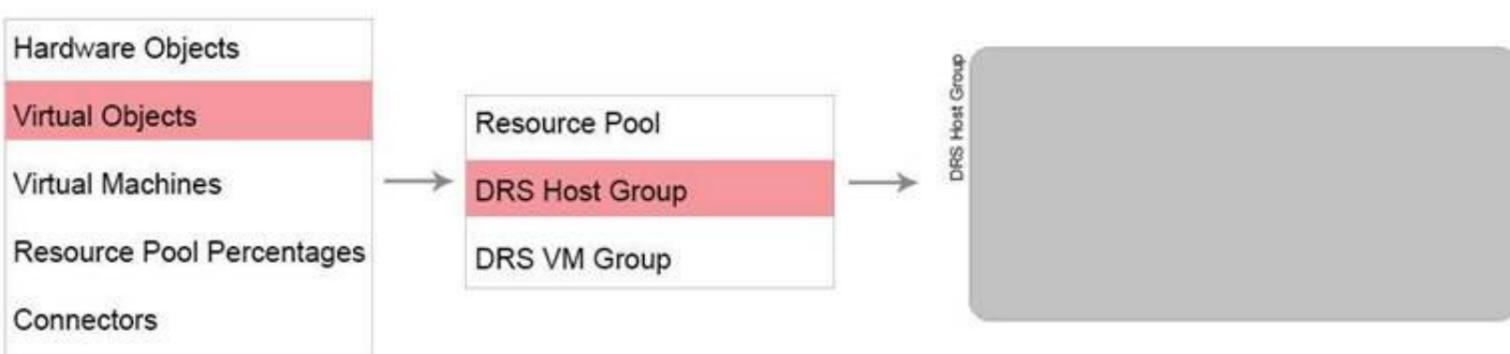
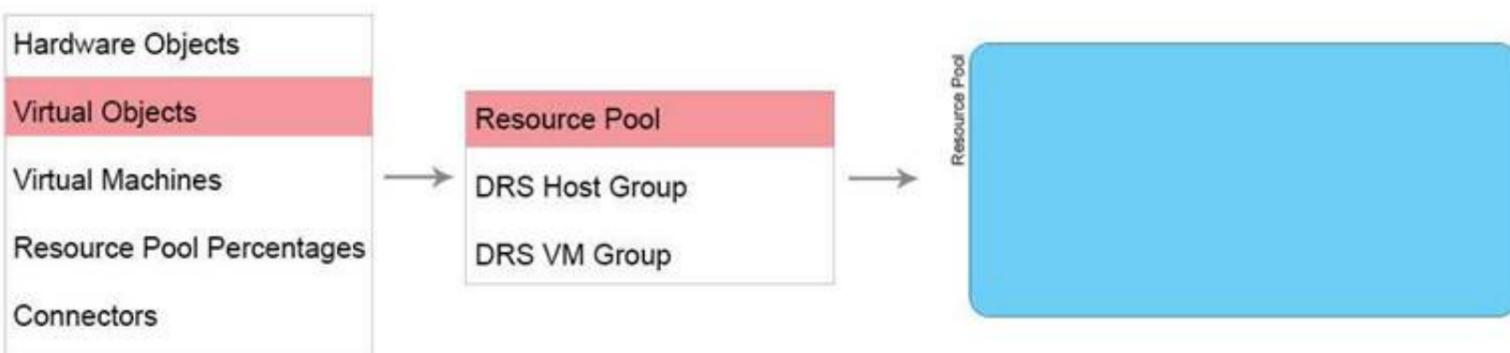
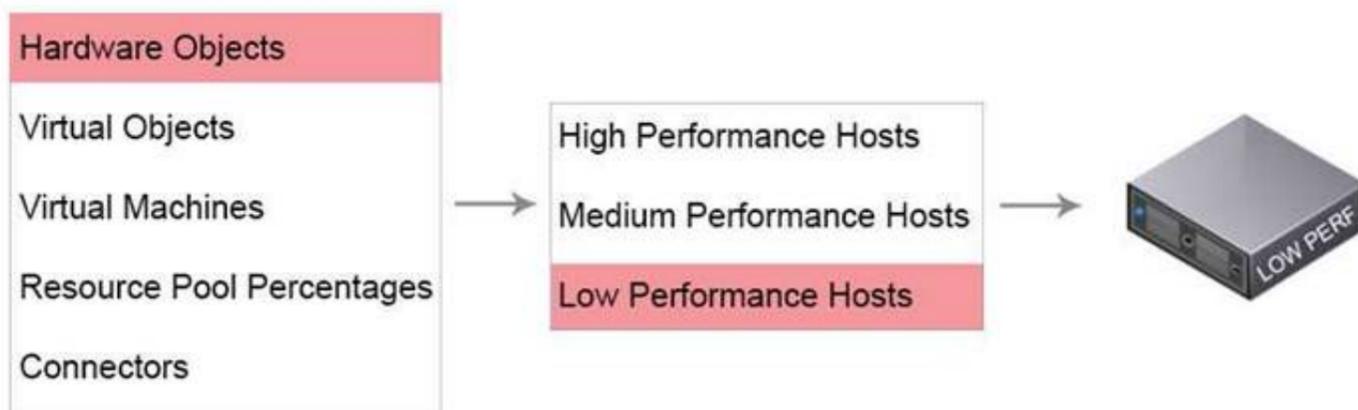
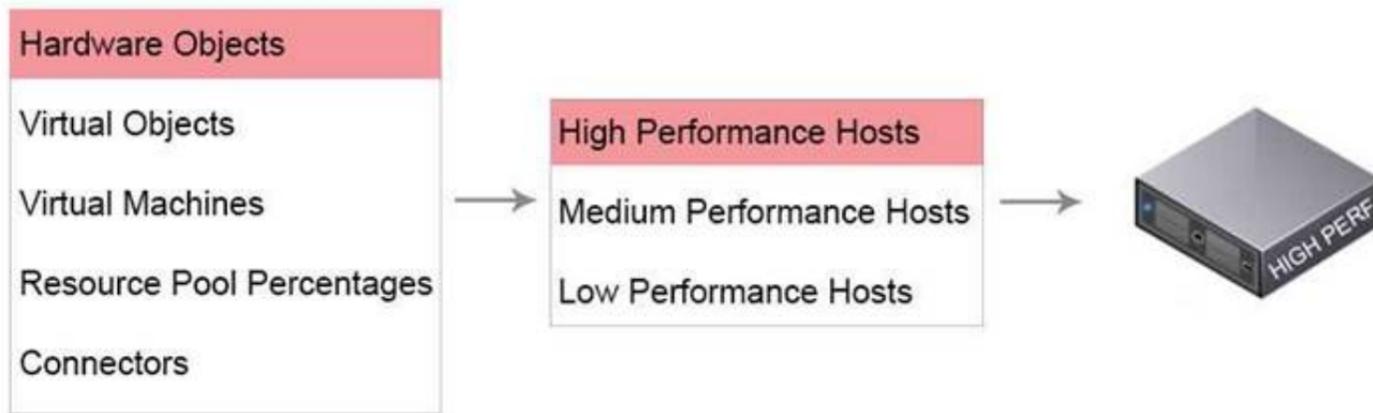
- Gold Tier virtual machines should run only on high performance servers, unless no high performance servers are available. They should also be allocated 75% of overall available resources regardless of placement.
- Silver Tier virtual machines should run only on medium performance servers, unless no medium performance servers are available. They should also be allocated 25% of overall available resources regardless of placement.
- Bronze Tier virtual machines should run only on medium performance servers. They should also receive a 35% subset of resources from those allocated to the Silver Tier.

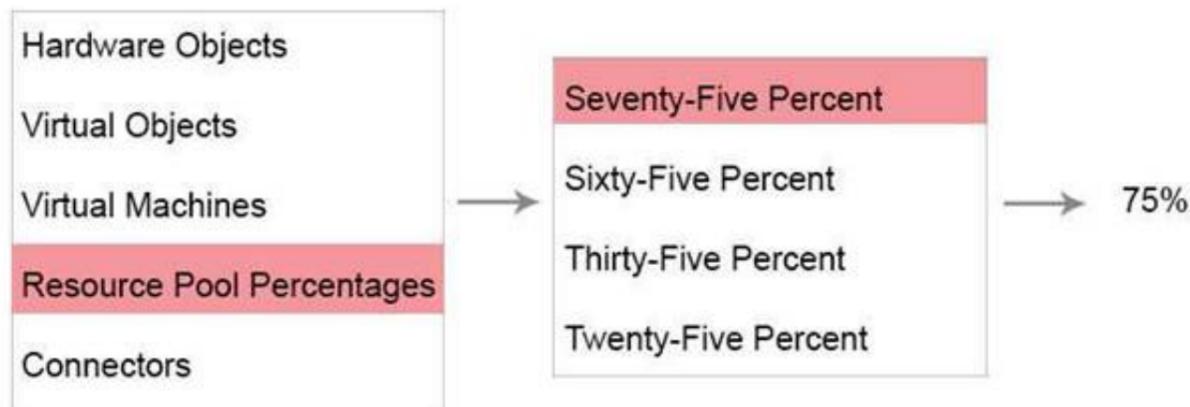
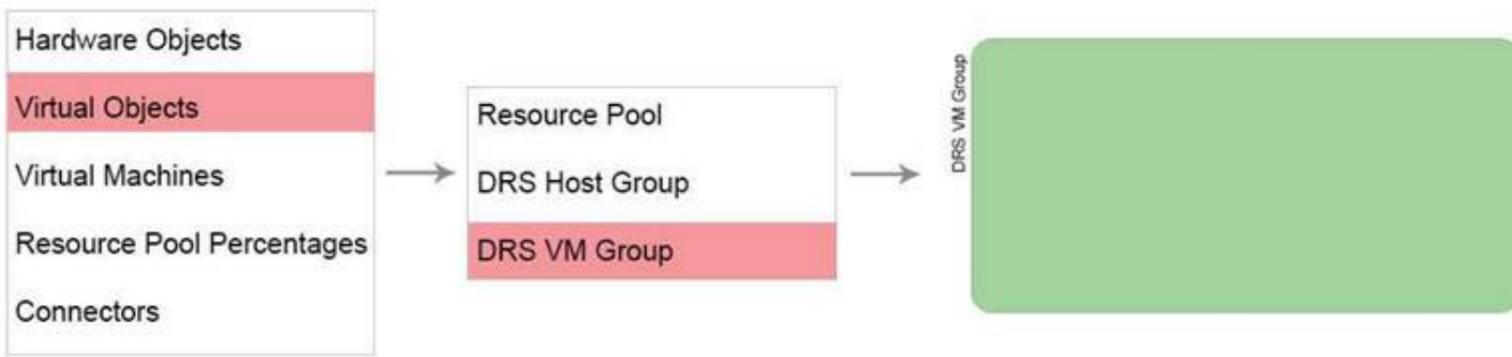
Design Requirements:

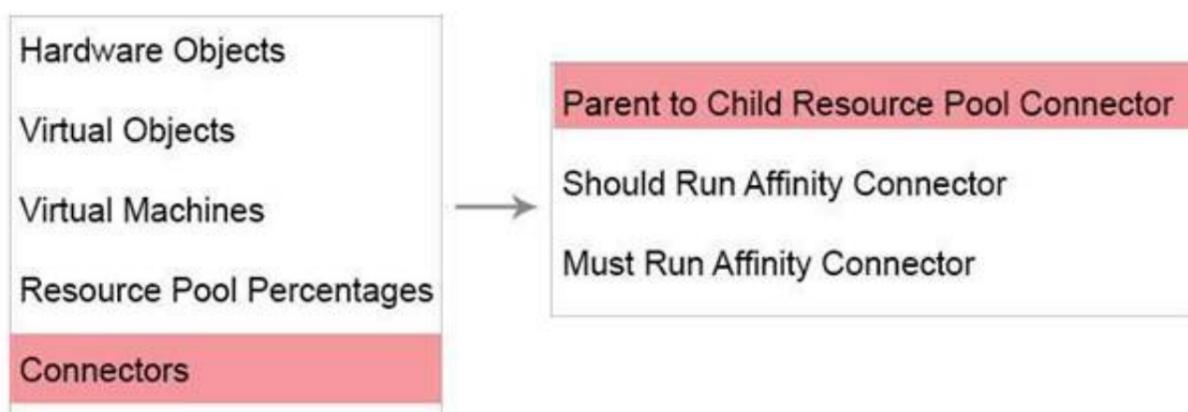
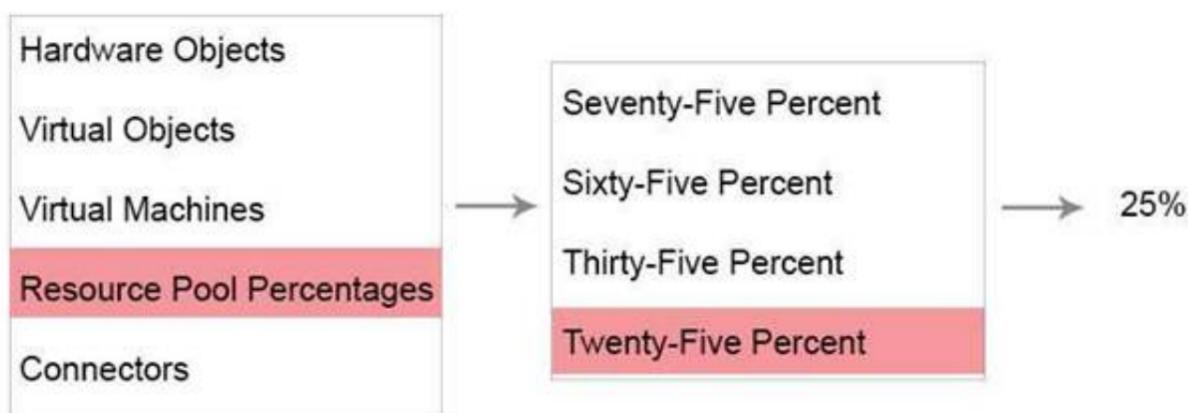
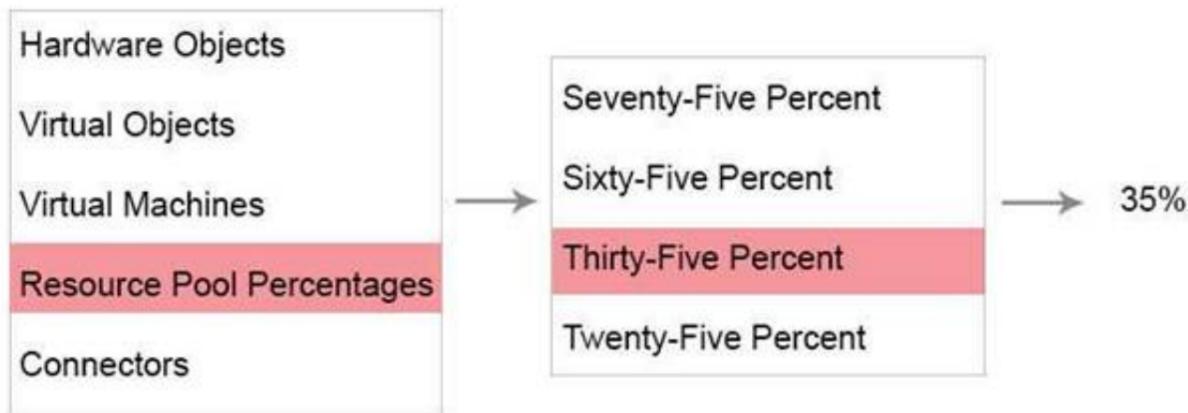
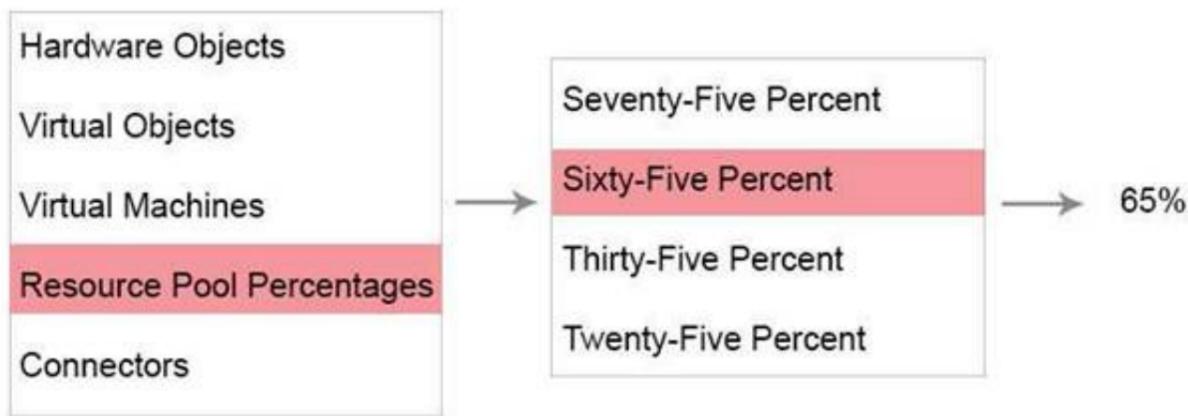
Create a logical design that shows resource allocation and cluster policies needed to meet the customer’s requirements. The design should include:

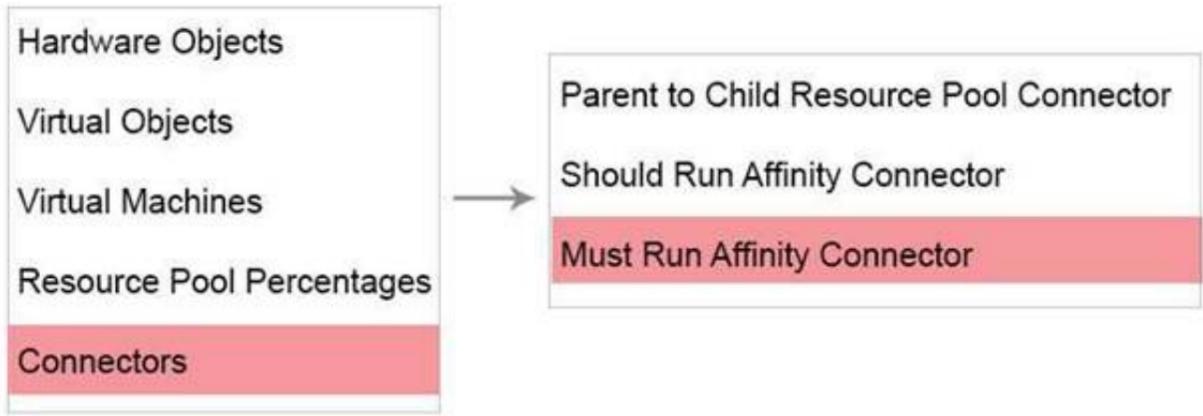
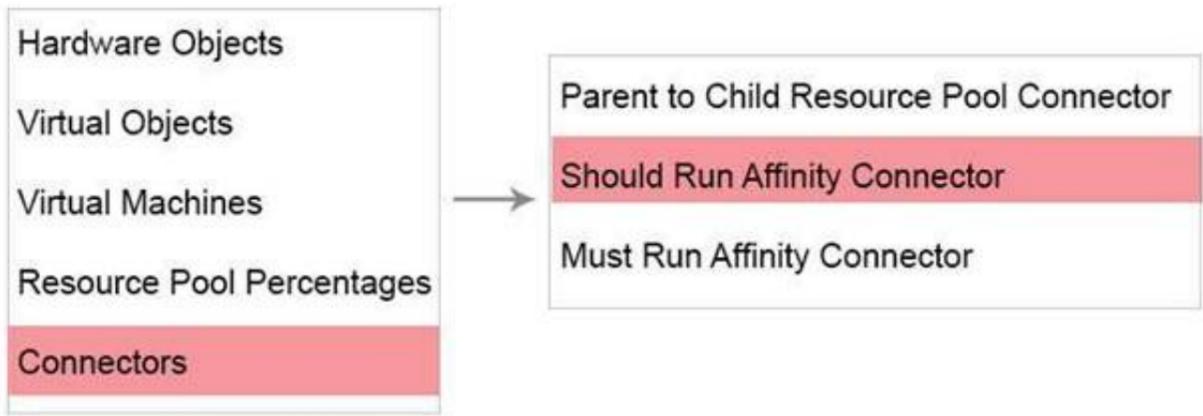
- All required server(s)

- All required resource(s)
Place host(s) in the required DRS group(s). Place virtual machines in the appropriate resource pool(s). Connect parent to child resource pool connector(s) where needed. Connect the appropriate affinity connector(s) where needed.







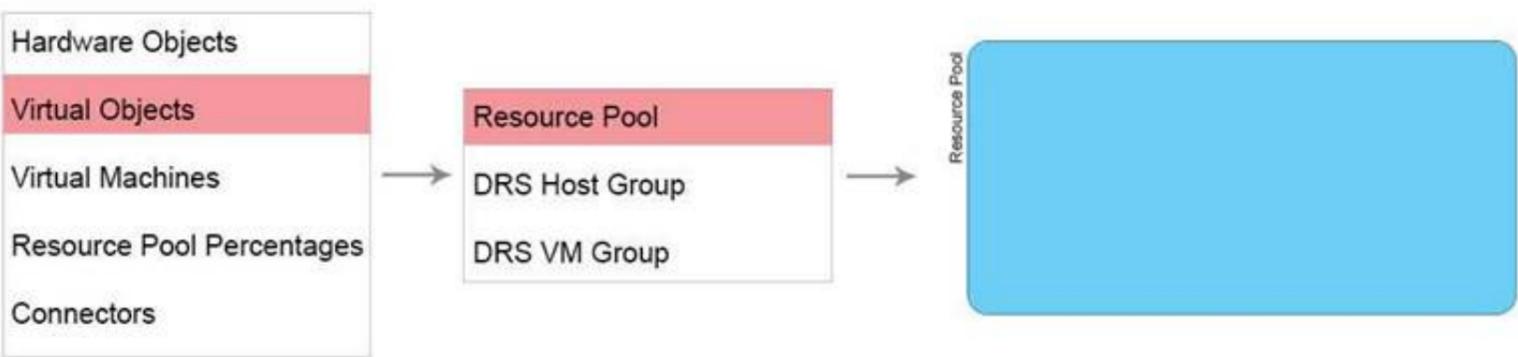


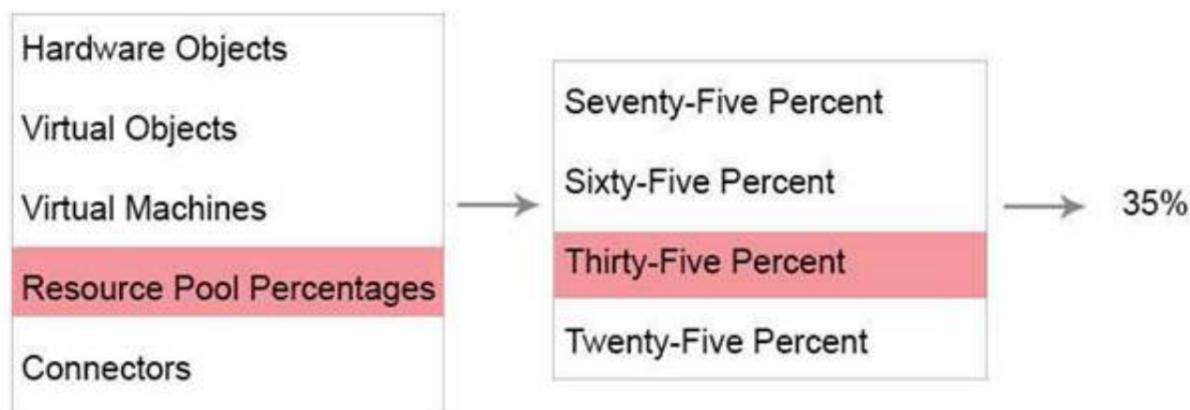
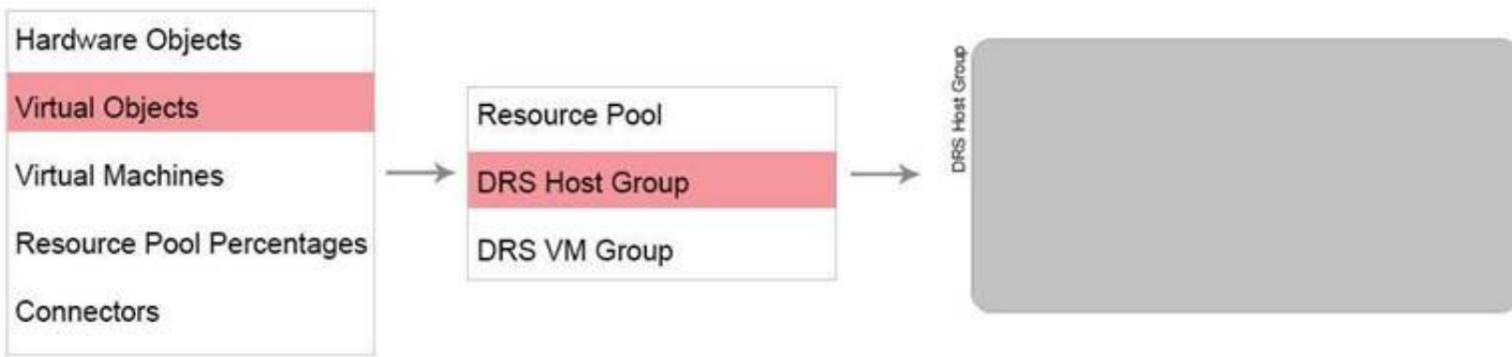
- A. Mastered
- B. Not Mastered

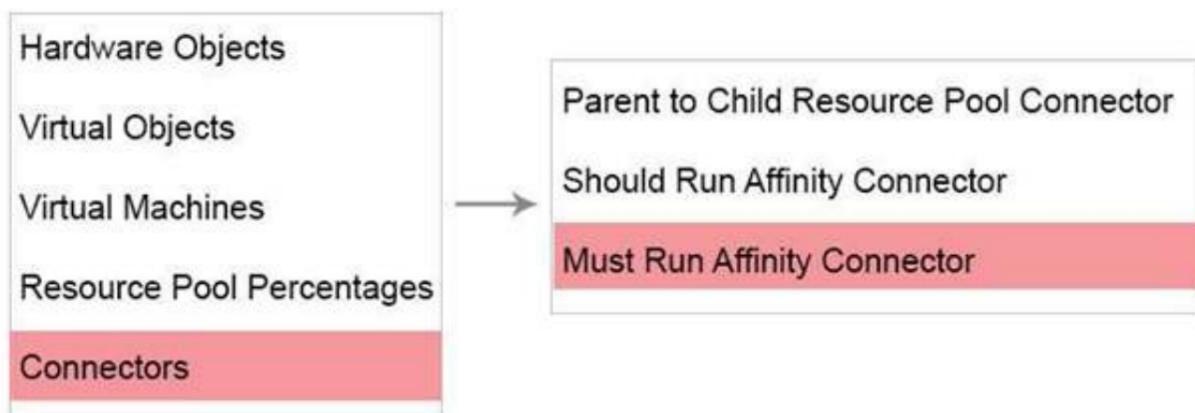
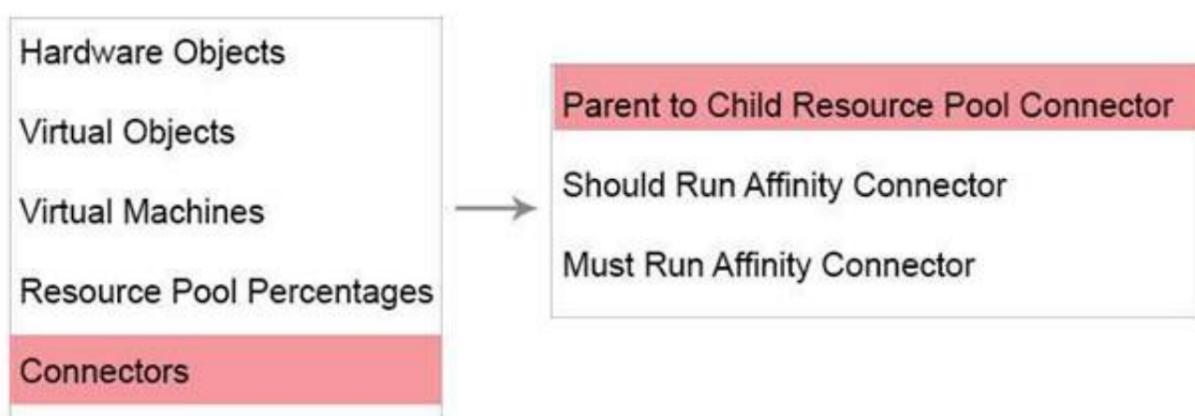
Answer: A

Explanation:

Check below for answer solution







NEW QUESTION 50

A company's CTO is very concerned about web server outages that are caused by server hardware failures. Which feature can protect the web server virtual machine from this kind of outage?

- A. vCenter High Availability
- B. Proactive High Availability
- C. High Availability Orchestrated Restart
- D. High Availability Admission Control

Answer: B

Explanation:

<http://www.vmwarearena.com/vsphere-6-5-high-availability-new-features-proactive-ha/vSphere> 6.5 High Availability (HA) now also detect the hardware conditions of the ESXi host and allow you to evacuate the Virtual machines before the hardware issues cause an outage to Virtual machines with the help of Proactive HA.

NEW QUESTION 55

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 57

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 62

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 three vSphere features support fault tolerance? (Choose three.)

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

Answer: ACE

NEW QUESTION 64

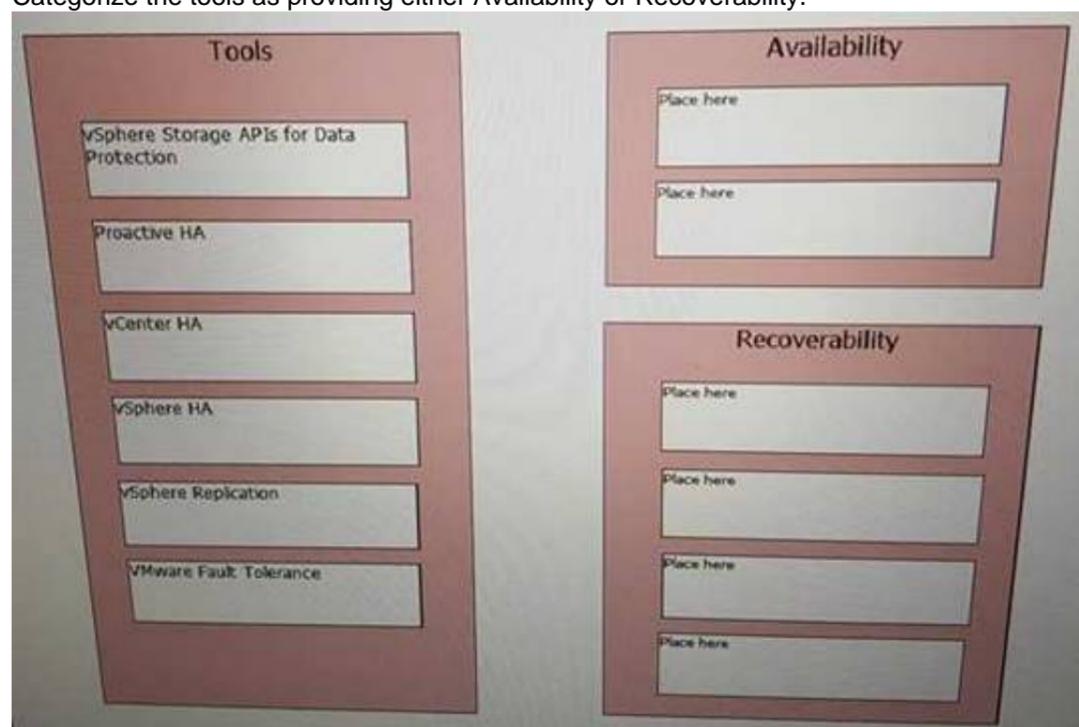
A company would like to leverage snapshot technology on vSphere 6.5. Which configuration supports taking snapshots?

- 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 67

Categorize the tools as providing either Availability or Recoverability.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Availability: FT, HA, Recoverability: Proactive HA, vCenter HA, vSphere Replication, VADP

NEW QUESTION 71

A customer is virtualizing a mission-critical Microsoft SQL database and needs a configuration that provides optimal NUMA performance.

- There are two possible clusters that the database virtual machine could reside in: Cluster A is vSphere 6.0 and Cluster B is vSphere 6.5.
 - All ESXi hosts contain dual Intel Xeon E5-2650 v3 processors (ie: 2 socket, 10 cores per socket) and 256Gb RAM with vNUMA in its default configuration.
- Given this scenario, which three statements are true? (Choose three.)

- A. Enabling CPU Hot Add on a virtual machine will disable vNUMA.
- B. Placing a 10 vCPU VM in Cluster A and configuring it with 2 Sockets and 5 Cores Per Socket will result in 2 vNUMA nodes.
- C. Placing a 10 vCPU VM in Cluster B and configuring it with 2 Sockets and 5 Cores Per Socket will result in 2 vNUMA nodes.
- D. Enabling Memory Hot Add on a virtual machine will disable vNUMA.
- E. Placing the VM in Cluster B and configuring it with 5 Sockets and 2 Cores Per Socket will result in 1 vNUMA node.

Answer: ABC

NEW QUESTION 76

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 contacts 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. 11KVA of power is available per rack.

Answer: BC

NEW QUESTION 77

You have been tasked with creating a vSphere 6.5 center design for an organization. The organization is currently evaluating vSphere network technologies that can be utilized with their existing infrastructure. Evaluate each statement provided through requirements gathering and determine the network technologies that can be used to meet that requirement. The technology(s) chosen should be limited to what is needed to meet, but not exceed, the given requirement. Match Statements on the left by dragging the red buttons (S1-S6) over the text of the appropriate Solution. NOTE: Statements can match more than one Solution or none at all.

Statement	Solution
S1 The design should be able to support six ESXi hosts, four portgroups, vMotion, and iSCSI.	vSphere Standard Switch
S2 We plan to add ten additional VLANs to our physical network to allow communication to our remote office over a site-to-site VPN.	vSphere Distributed Switch
S3 We plan to utilize Link Aggregation in the future, and integrate traffic monitoring into our existing NetFlow configuration.	VMware NSX
S4 We would like to load balance our VM traffic, and we want to segment traffic with separate gateways for hosted customers.	PVLANS
S5 We want to determine if our infrastructure can support virtual machine migration over long distance.	Multiple TCP/IP Stacks
S6 We would like to gain greater control over our individual traffic types, and are thinking of adding Network I/O Control to the design.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statement	Solution
S1 The design should be able to support six ESXi hosts, four portgroups, vMotion, and iSCSI.	vSphere Standard Switch S5
S2 We plan to add ten additional VLANs to our physical network to allow communication to our remote office over a site-to-site VPN.	vSphere Distributed Switch S1 S3
S3 We plan to utilize Link Aggregation in the future, and integrate traffic monitoring into our existing NetFlow configuration.	VMware NSX S2
S4 We would like to load balance our VM traffic, and we want to segment traffic with separate gateways for hosted customers.	PVLANS S4
S5 We want to determine if our infrastructure can support virtual machine migration over long distance.	Multiple TCP/IP Stacks S6
S6 We would like to gain greater control over our individual traffic types, and are thinking of adding Network I/O Control to the design.	

NEW QUESTION 79

When configuring HA, which admission control policy should be used?

- A. Host Failure Cluster Tolerates
- B. CPU and Memory Percentage for Failover
- C. Standby Host
- D. None of the above

Answer: B

NEW QUESTION 81

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 vCenter Server with a NTP source.
- E. Removing expired and revoked certificates from vCenter Server system.

Answer: BDE

NEW QUESTION 86

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 90

Customer Requirements:

You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization has provided a number of Business Continuity and Disaster Recovery (BC/DR) requirements to meet their established Service Level Agreements (SLAs). The preliminary design will include two sites.

Production Site:

- 6 ESXi hosts in two clusters
- A Fiber Channel storage array with three types of storage:
 1. Flash storage
 2. 15K SAS drives with vFlash Read Cache
 3. SATA drives in RAID 5 configuration

Secondary Site:

- 3 ESXi hosts in a single cluster
 - A Fiber Channel storage array of the same type and with the same configuration as that of the production site
- The details of the organization's SLAs include:
- Gold: Maximize read/write storage performance and provide automated offsite recovery with an RPO < 15 minutes.
 - Silver: Maximize read performance and provide automated offsite recovery with an RPO from 15 minutes to 24 hours.
 - Bronze: No performance requirement. Onsite recovery with no specific RPO.

The organization has a number of web-based multi-tier applications that are governed by their SLAs. The workloads in these applications and their SLA assignments include:

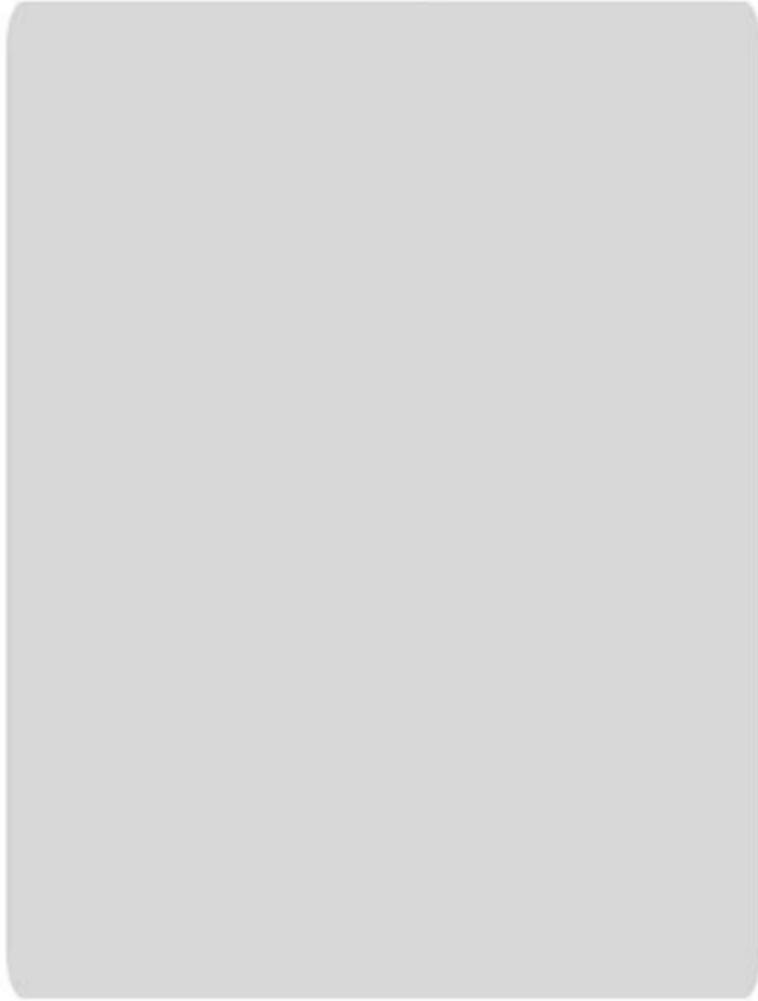
- Database workloads – Gold
- Application workloads – Silver
- Web workloads – Bronze

Note that Web servers only contain static information that is site specific. Design Requirements:

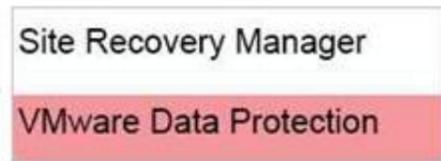
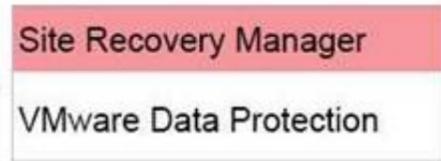
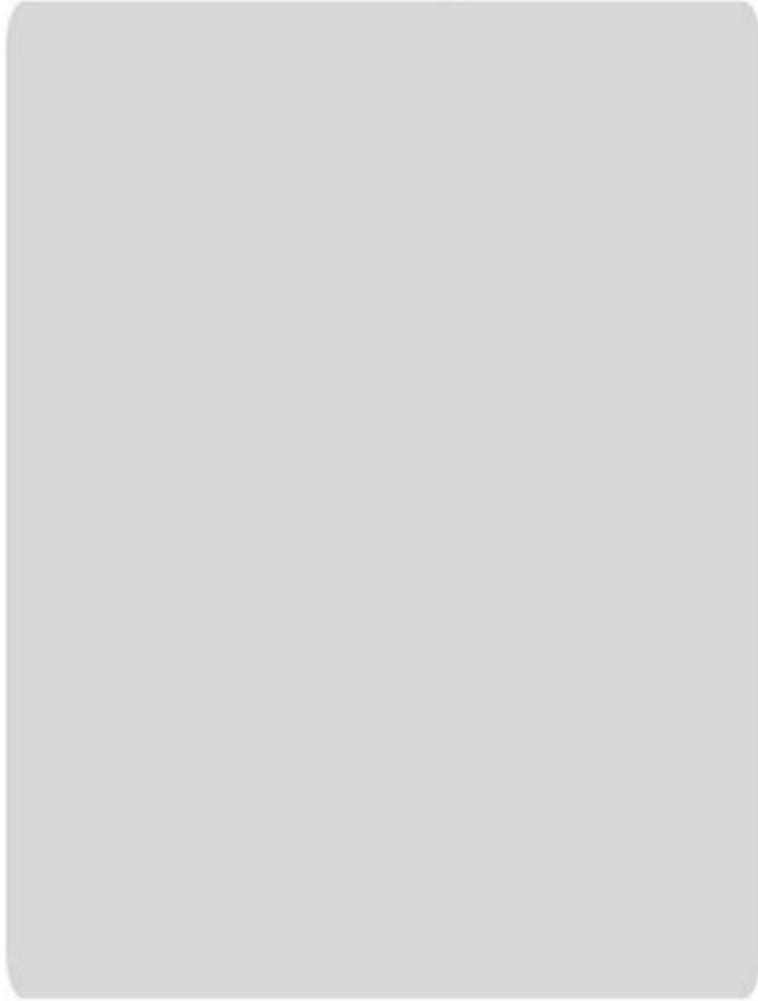
Create a design that incorporates the required elements:

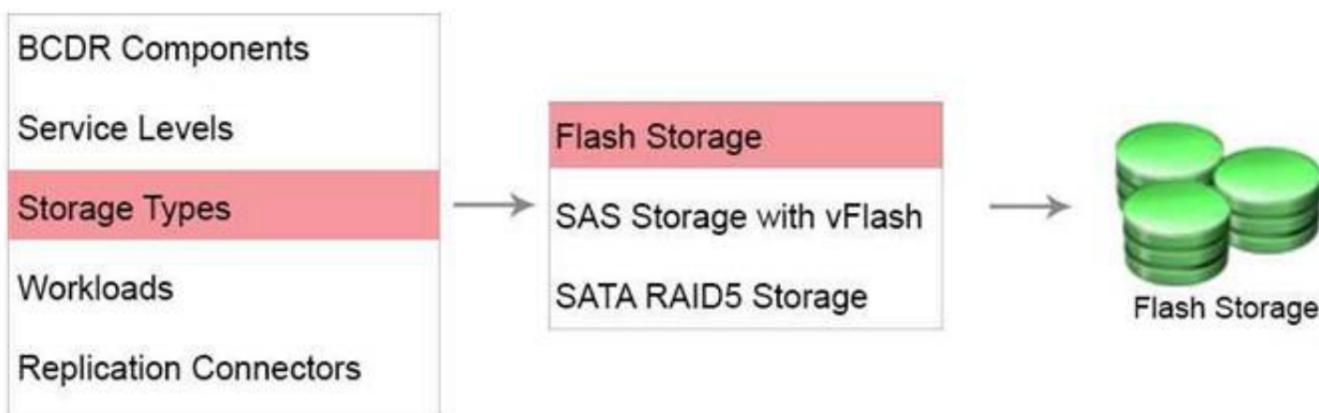
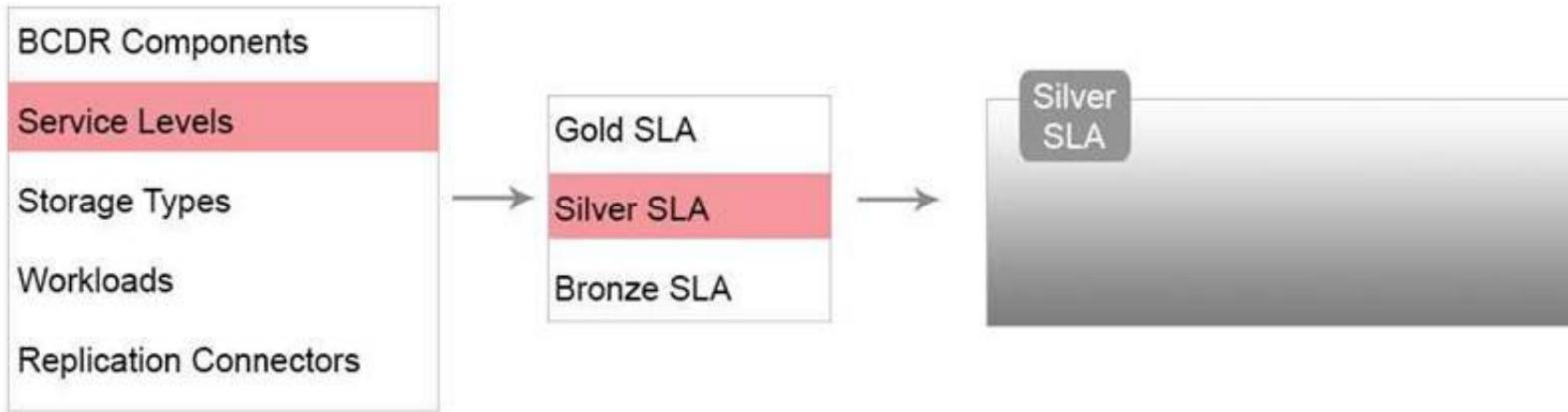
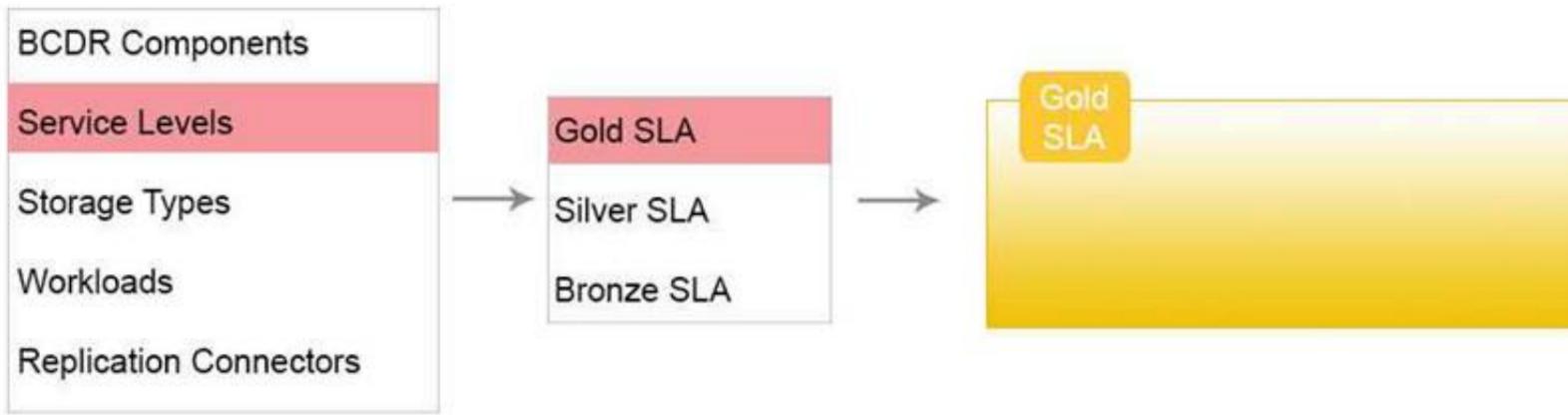
- Place an SLA container for each of the appropriate SLAs into the appropriate sites.
- Place the appropriate storage type(s) for each SLA into the SLA container.
- Place the appropriate workload(s) into the SLA containers.
- Place the appropriate BCDR components into the SLA containers.
- Connect any replicated storage between the two sites using the appropriate replication connector.

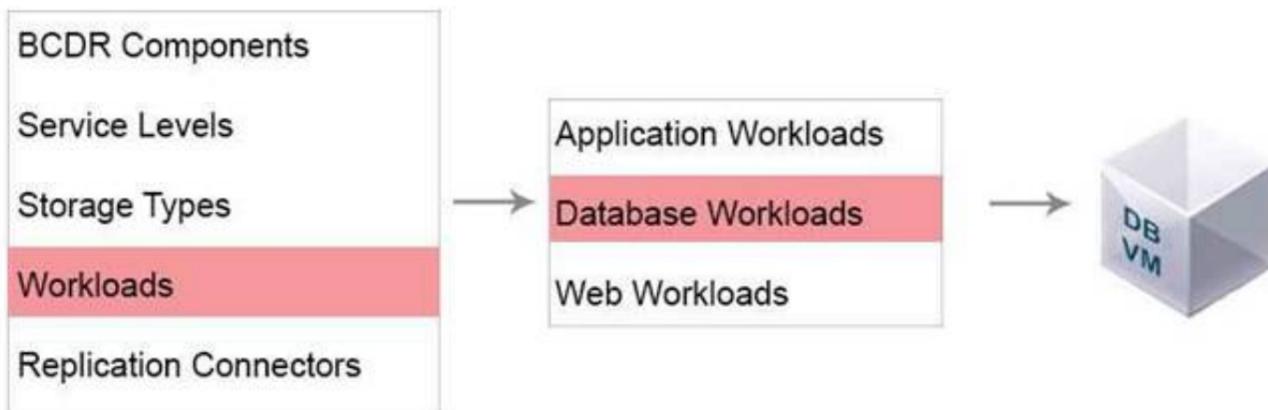
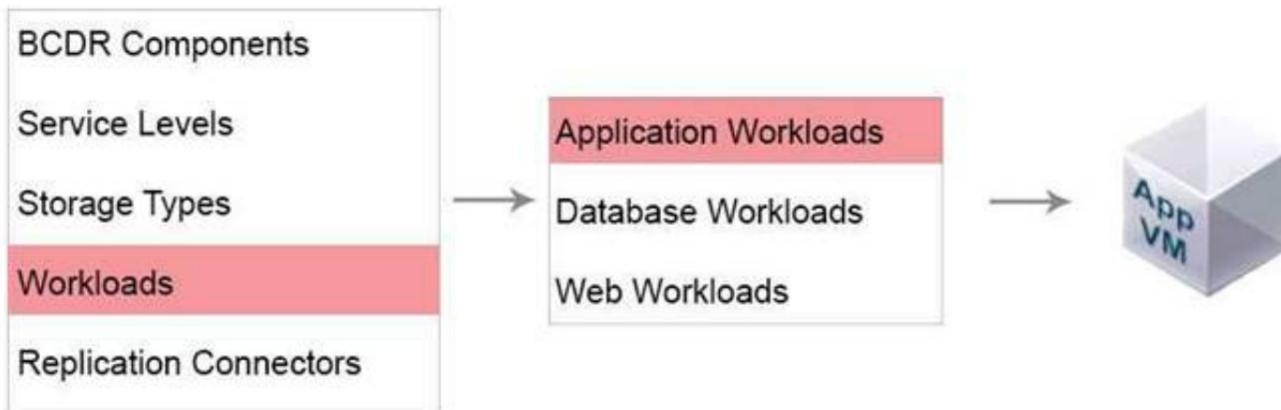
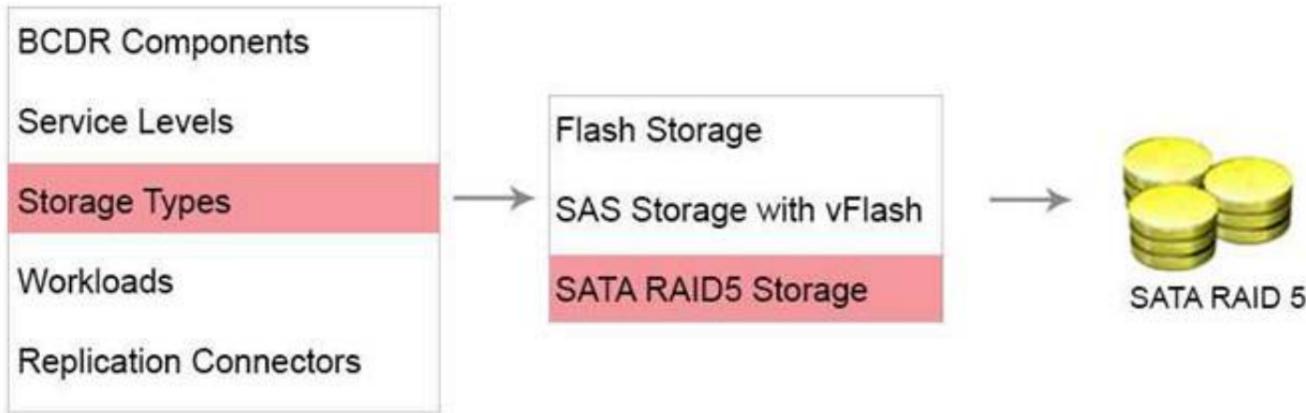
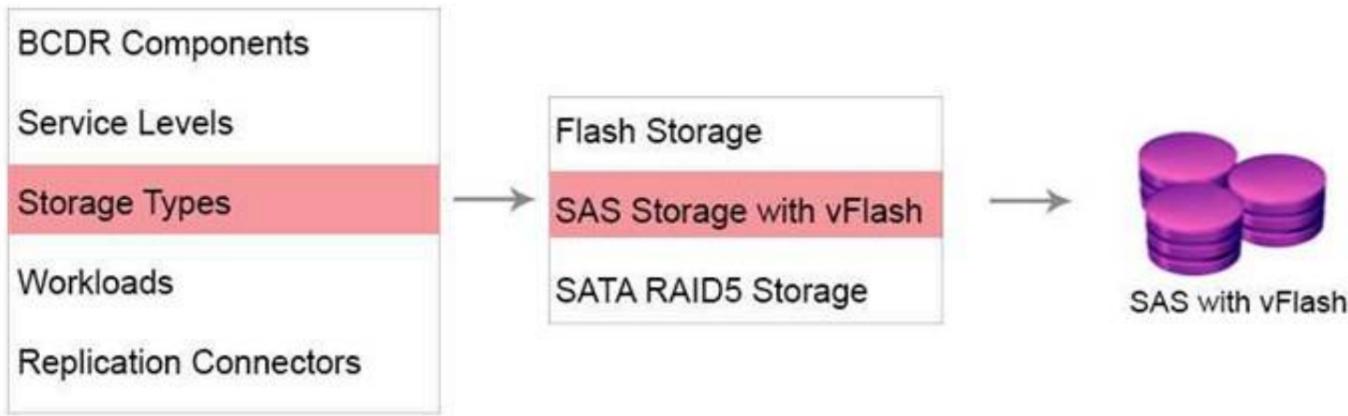
Primary

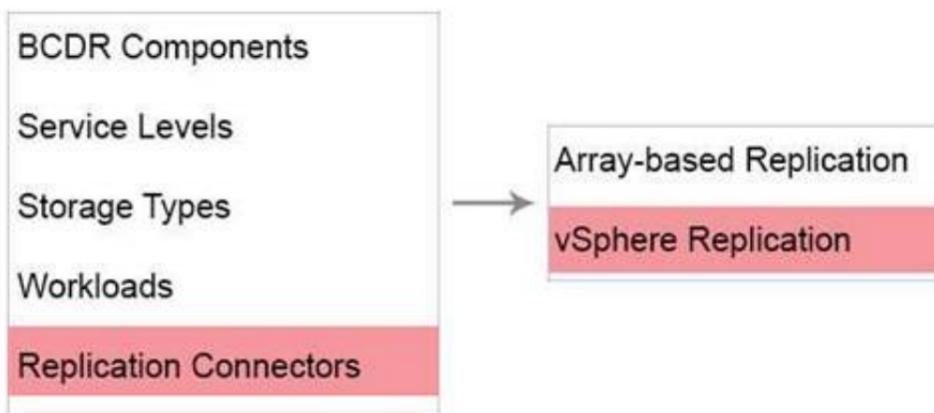
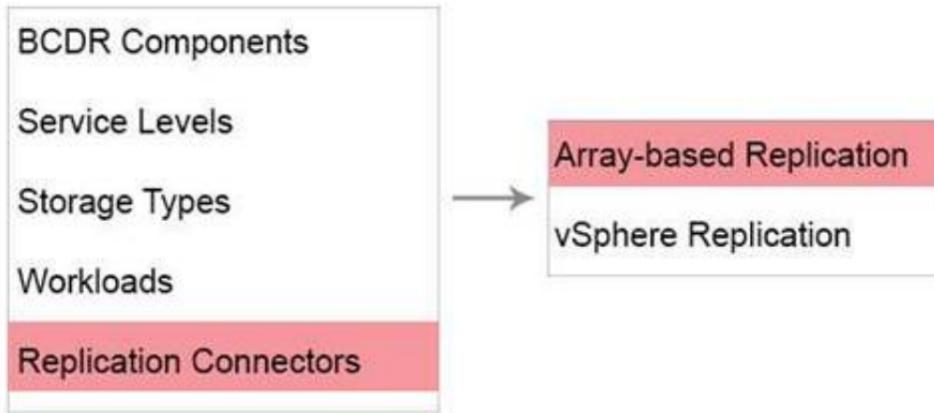
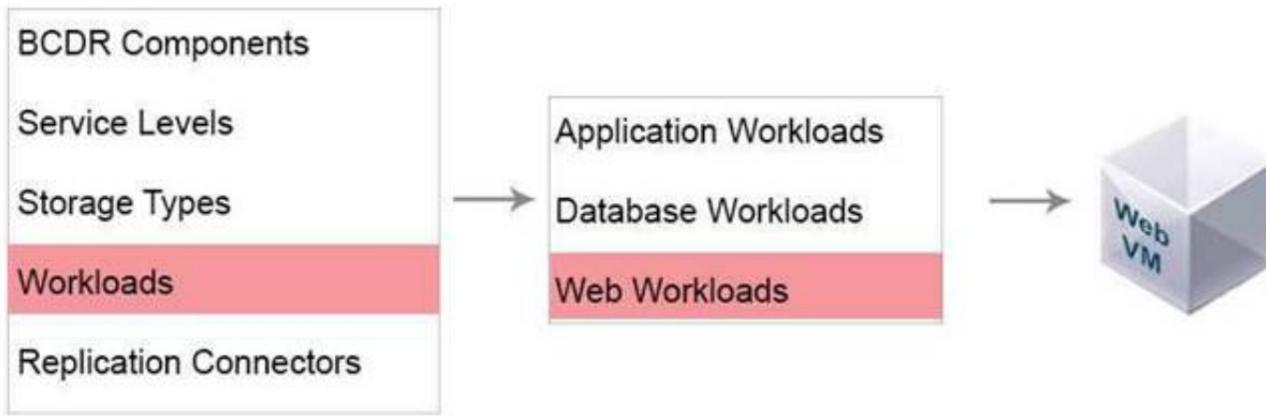


Secondary







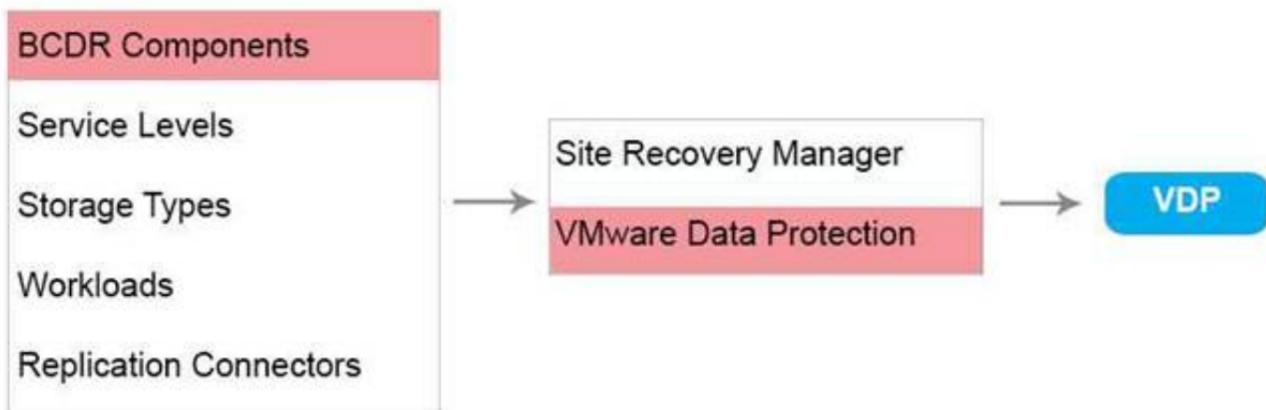


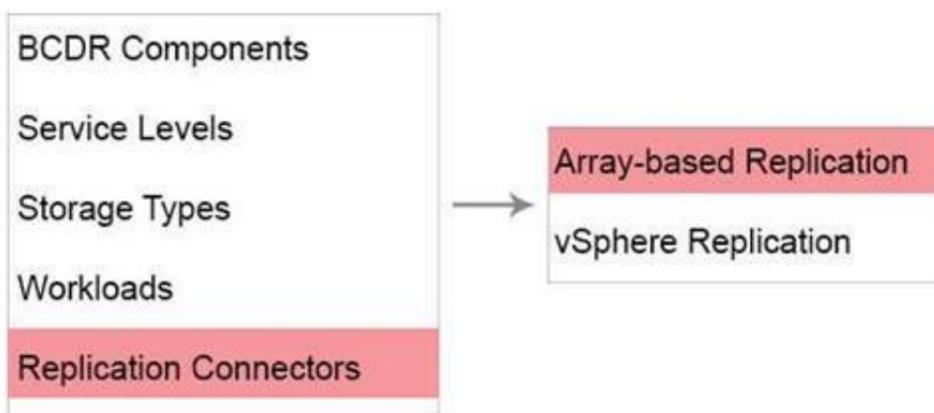
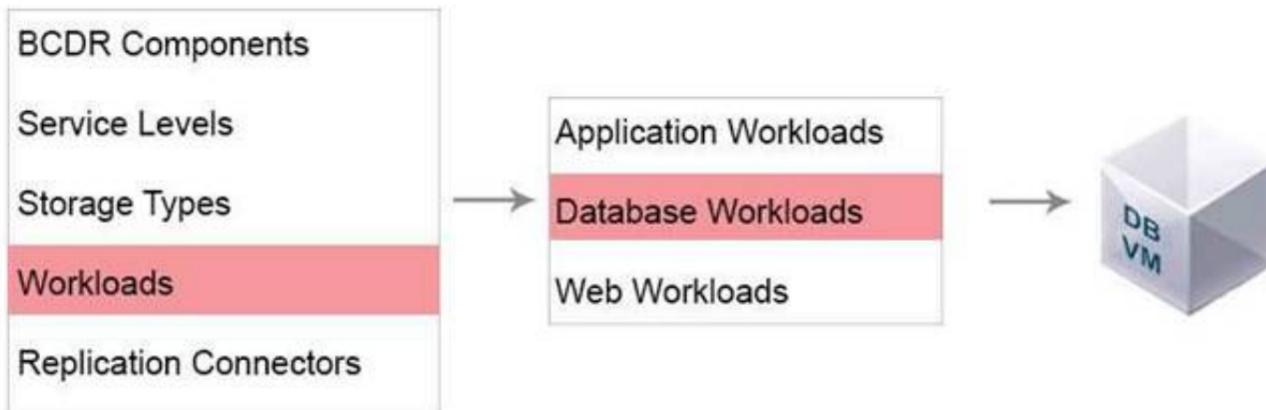
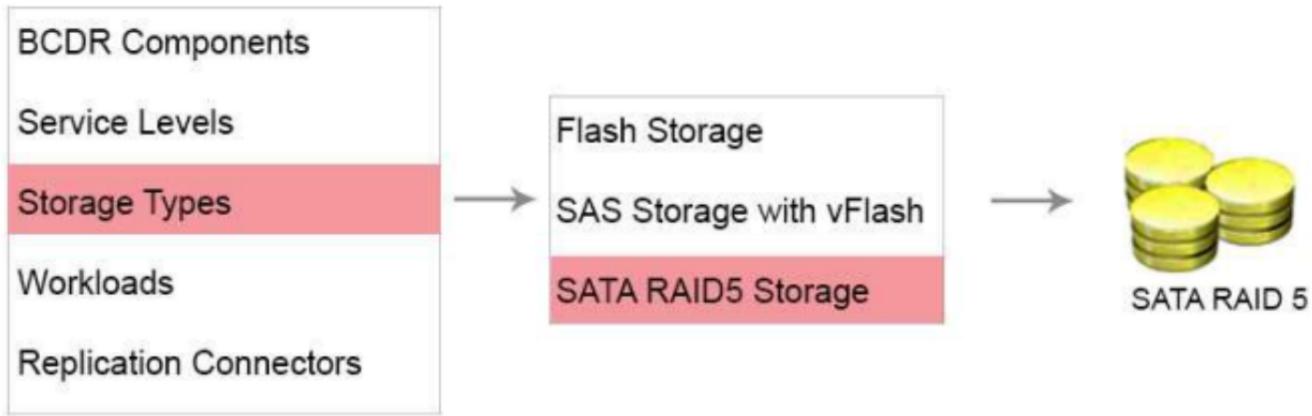
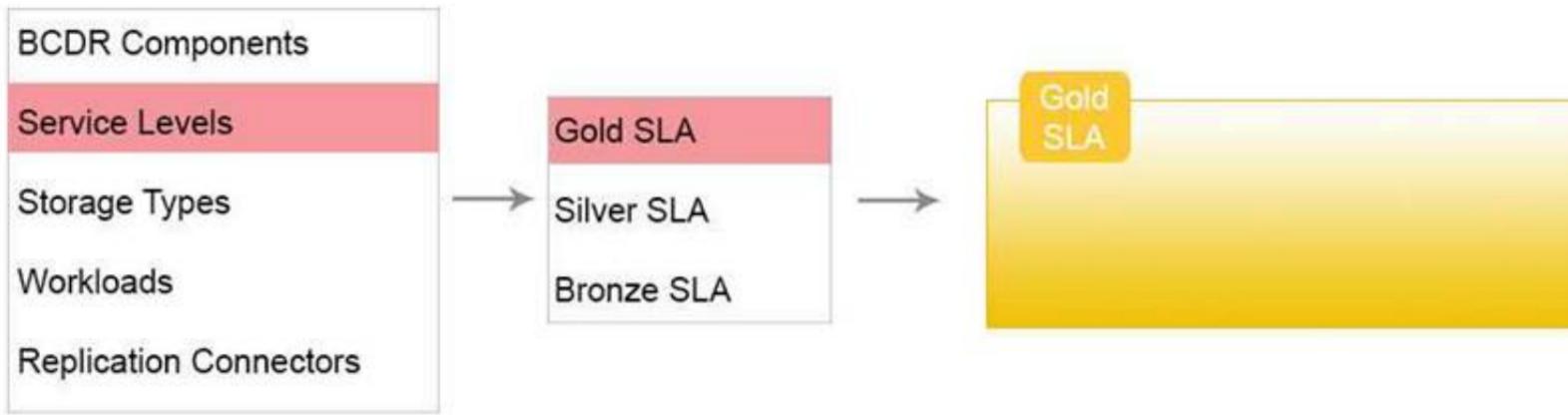
- A. Mastered
- B. Not Mastered

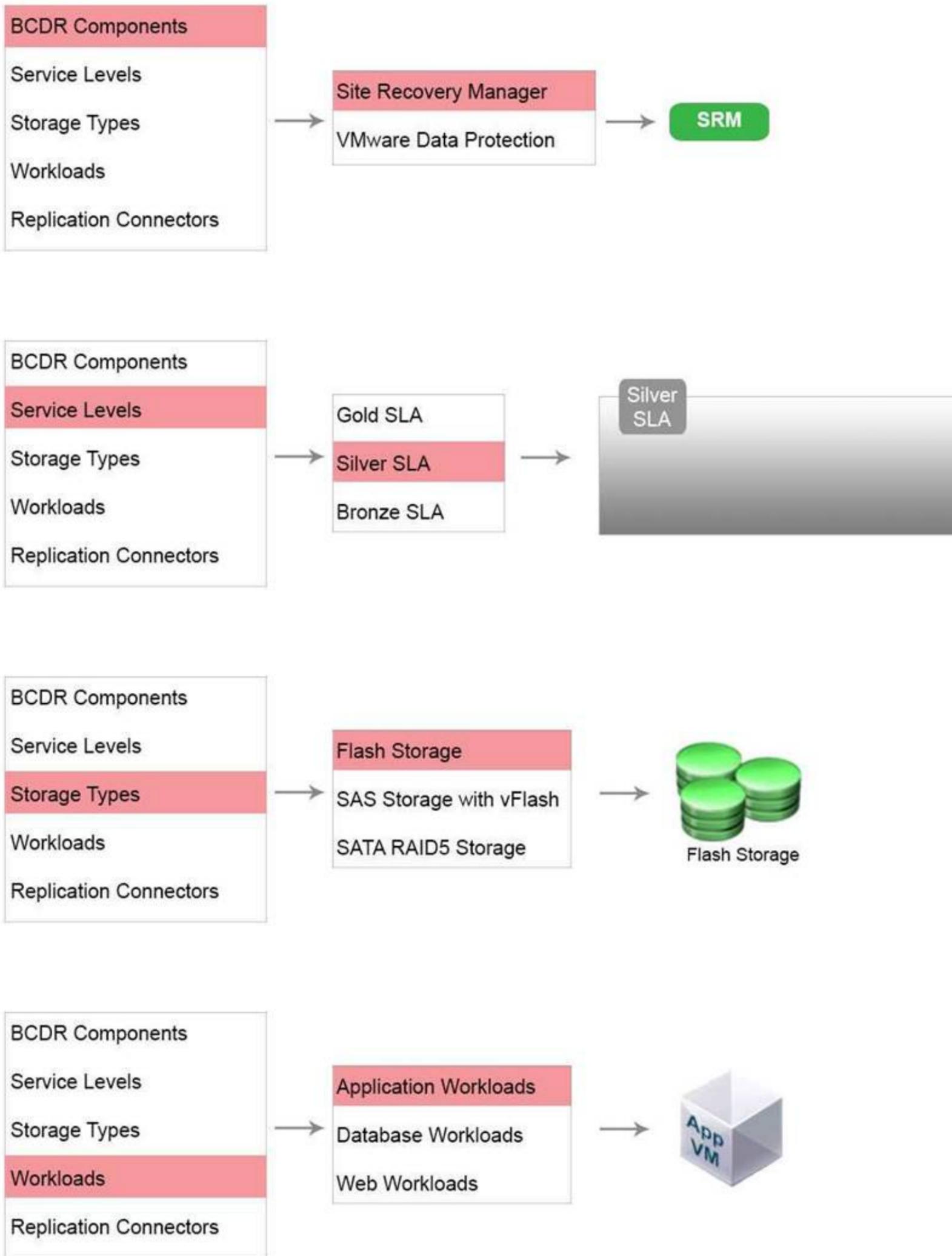
Answer: A

Explanation:

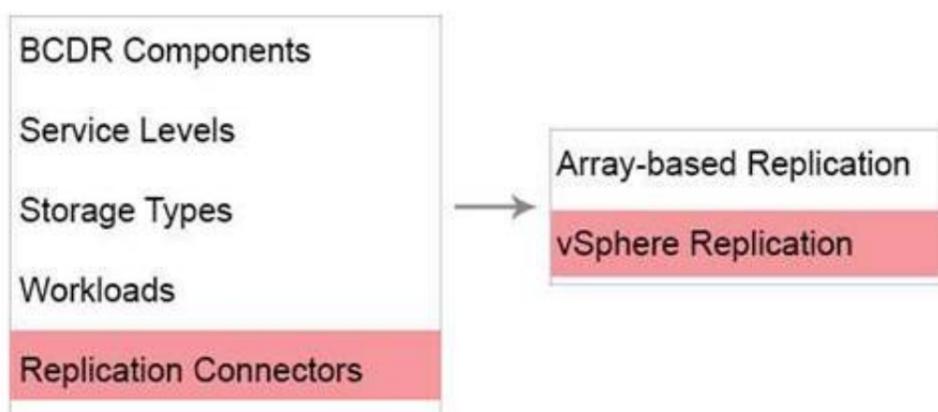
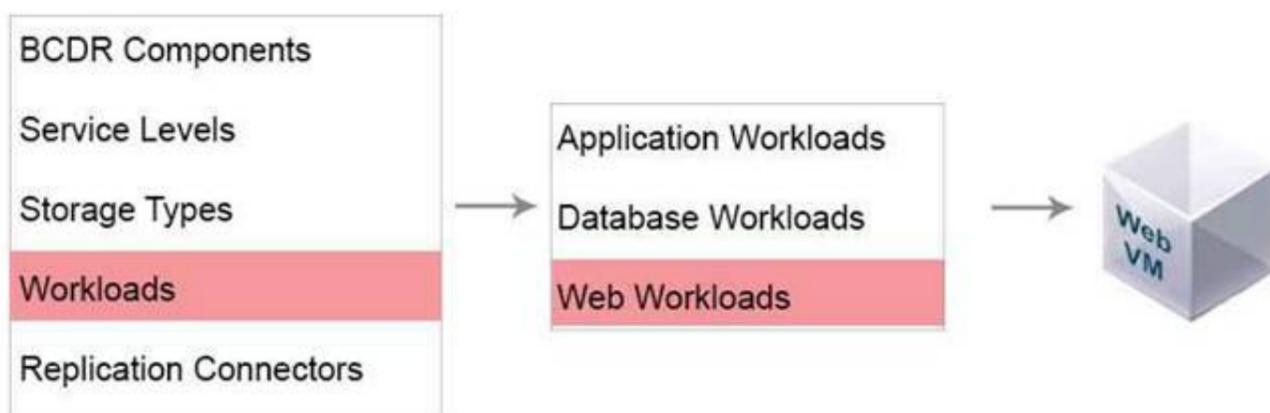
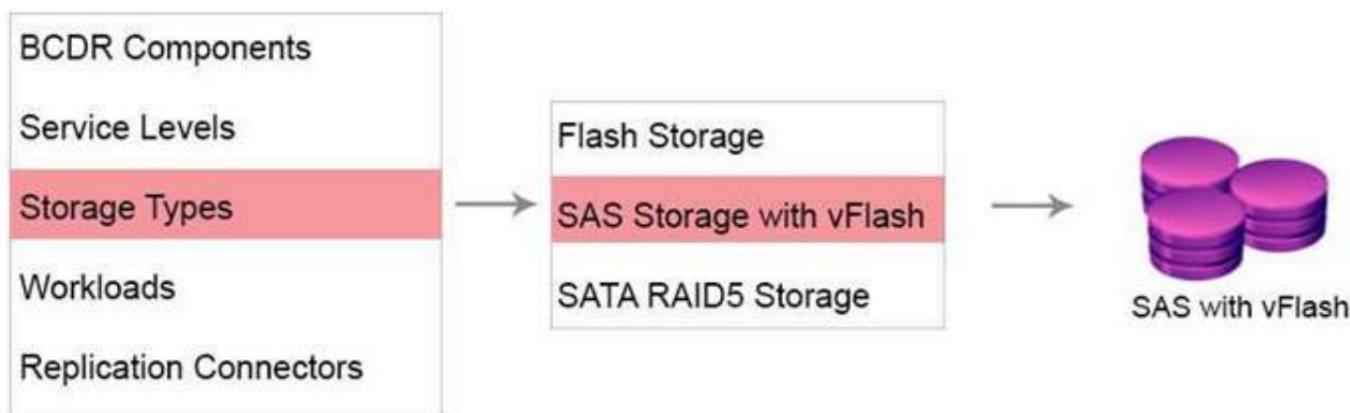
Check below for answer solution Primary







Secondary



NEW QUESTION 91

What topics need to be considered when creating a storage design?

- A. Application I/O requirements
- B. Growth rate
- C. Latency
- D. All of the above

Answer: D

NEW QUESTION 93

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