Exam Questions 3v0-624

VMware Certified Advanced Professional 6.5 - Data Center Virtualization Design Exam

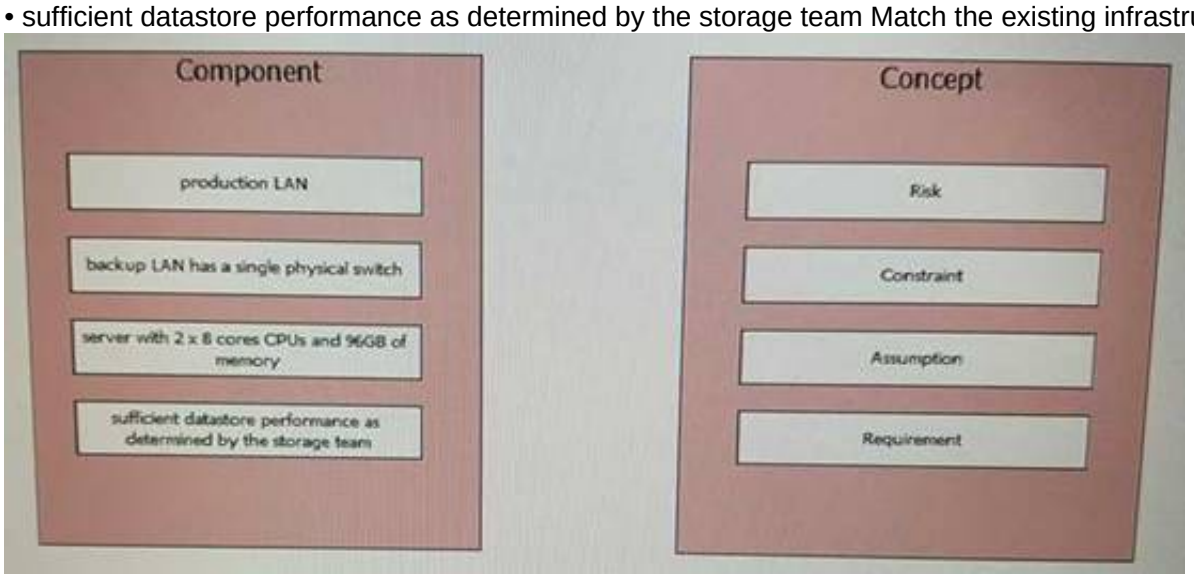
https://www.2passeasy.com/dumps/3v0-624/

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

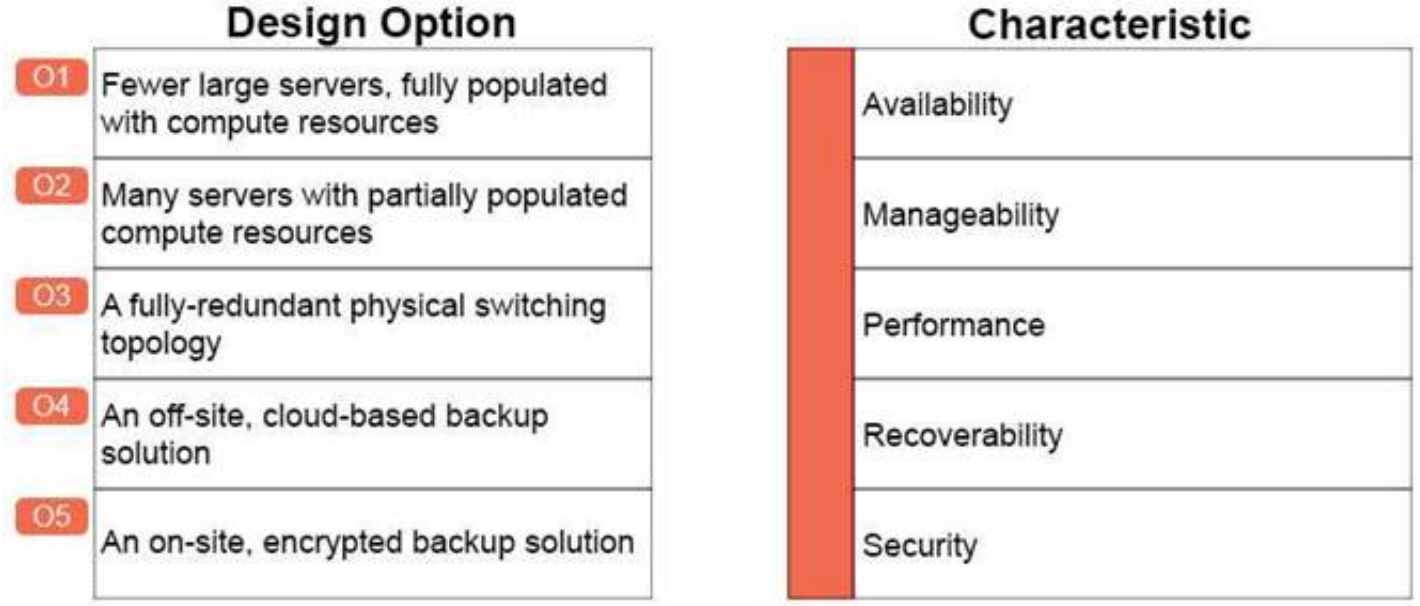
NEW QUESTION 2
A company would like to utilize its current infrastructure but wants to adopt virtualization to consolidate its environment. Currently, the infrastructure contains:
• server with 2 x 8 cores CPUs and 96G8 of memory
• backup LAN with a single physical switch
• production LAN
• sufficient datastore performance as determined by the storage team Match the existing infrastructure component to its appropriate concept.



Answer:

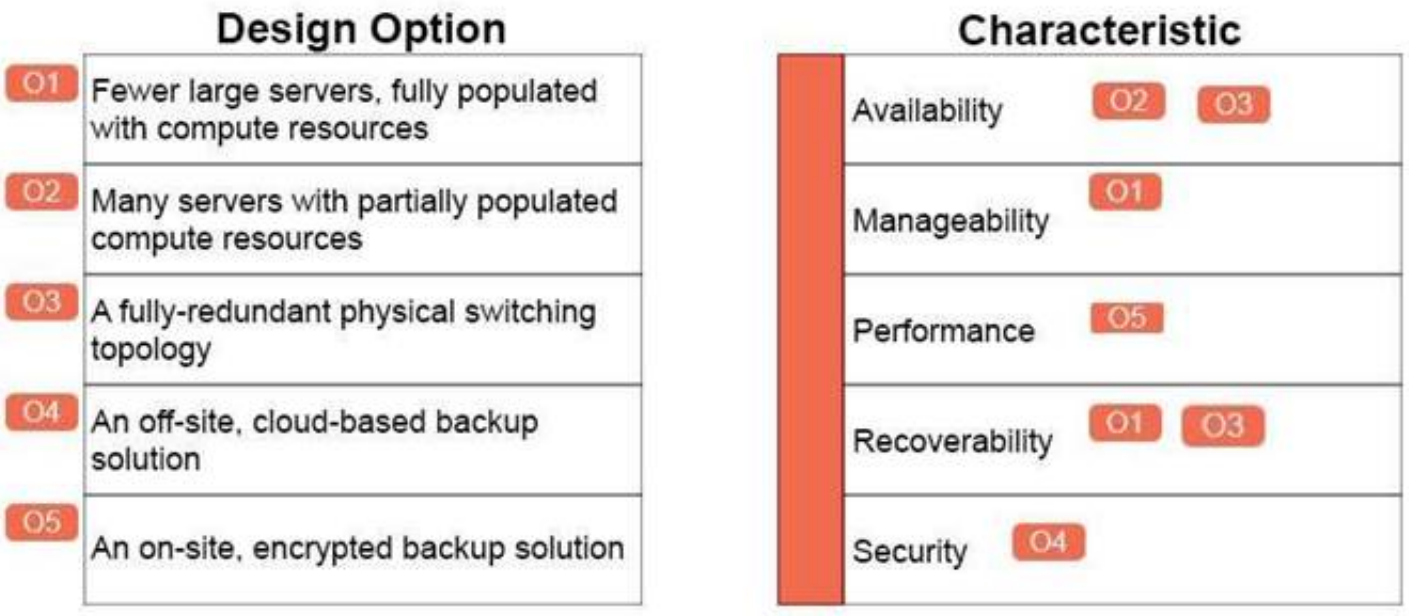
Explanation: Risk = Backup LAN has a single physical Switch
Constraint = Server with 2x8 Core CPU with 96 GB
Assumption = Sufficient datastore performance as determined by storage team
Requirement = Production LAN

NEW QUESTION 3
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.



Answer:

Explanation:



NEW QUESTION 4
A company has requested assistance with a new cross-site failover design to support business-critical applications.
• It has two sites when 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.

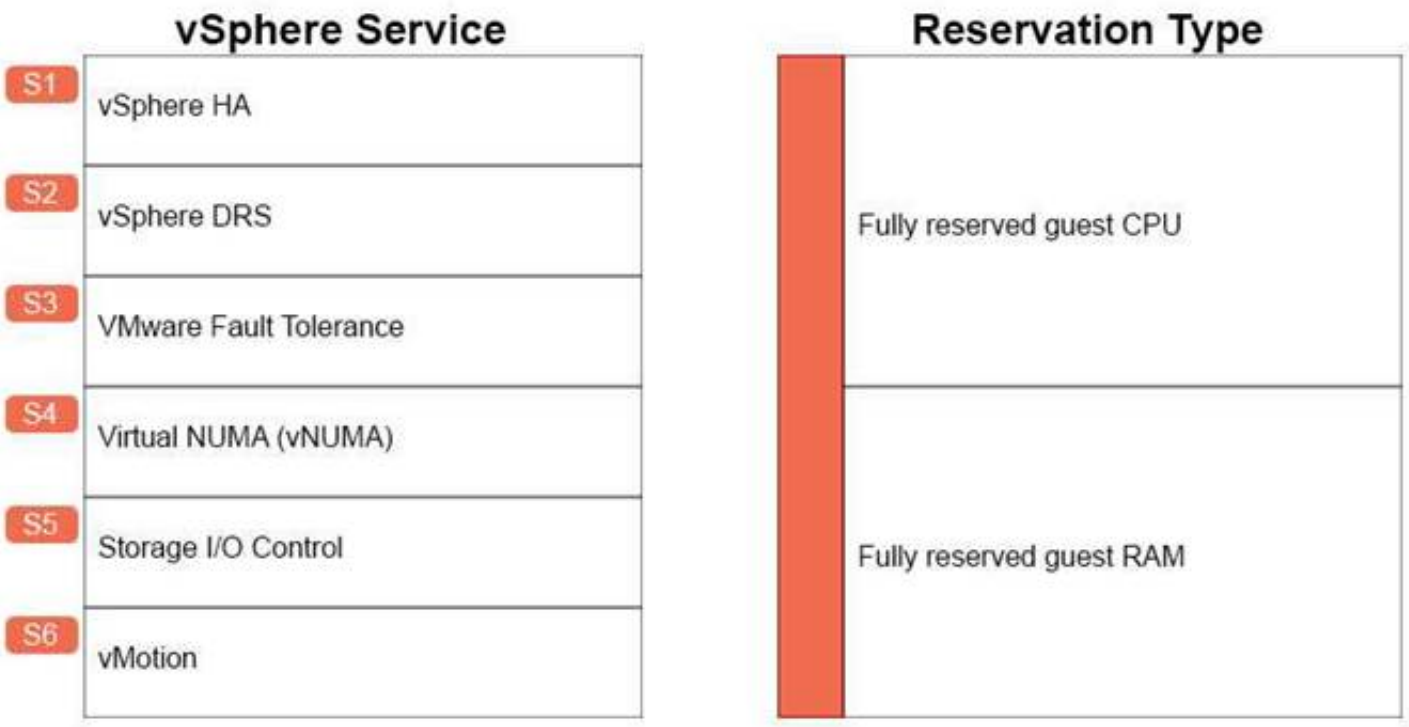
Answer: BC

NEW QUESTION 5
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 wan 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 6
You have been tasked with creating a vSphere 6.5 design for an organization. The organization has a mission critical application that must be able to obtain its required CPU and memory resources even if contention occurs. You must determine which vSphere service(s) will allow for resources to be reserved.
Associate the vSphere Service on the left with the corresponding Reservation Type on the right by dragging the red button (S1-S6) over the text of the Reservation Type.
NOTE: A vSphere Service may allow for more than one Reservation Type or none at all.



Answer:

Explanation:

NEW QUESTION 7
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 availabl
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 8
A customer warns 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 9
A customs 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 10
A company is conducting a technology refresh and has requested assistance with a vSphere 6.5 design.
• The company has a corporate headquarters and two data centers strategically placed around the country, which provide the bulk of the computer power and storage for their customer-facing stores.
• The company requires each of its stores to be able to operate independently if connectivity is ever lost.
• Presently, all stores are configured differently and must be standardized as part of the technology refresh
• To support store operations, only a dozen applications are required.
• Any downtime during store hours could result in significant losses.
• Any proposed design must minimize cost.
What is a VMware-recommended option for this scenario?

A. VMware vSAN cluster with a minimum of three hosts
B. VMware vSphere cluster with low-cost iSCSI shared storage
C. VMware vSAN Stretched Cluster with nearest regional data center
D. VMware vSAN Remote Office Branch Office (ROBO) with two hosts

Answer: D

NEW QUESTION 10
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 back up space will not be sufficient if using VM Encryption.
D. The current firewalls will support the additional workloads.

Answer: AB

NEW QUESTION 12
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 17
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.

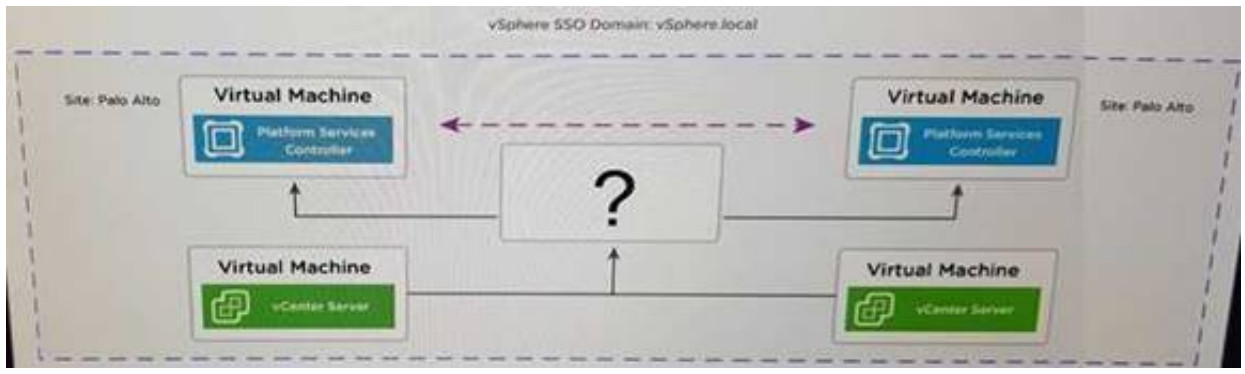
Answer: A

NEW QUESTION 18
When considering server consolidation, plan on running vCPUs per core.

A. 1 to 2
B. 3 to 4
C. 4 to 6
D. 6 to 8

Answer: A

NEW QUESTION 19
View the exhibit.



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

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

Answer: A

NEW QUESTION 21
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 23
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 27
A number of factors determine how many physical adapters are needed in a host design. Whichof the following is not one of them?

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

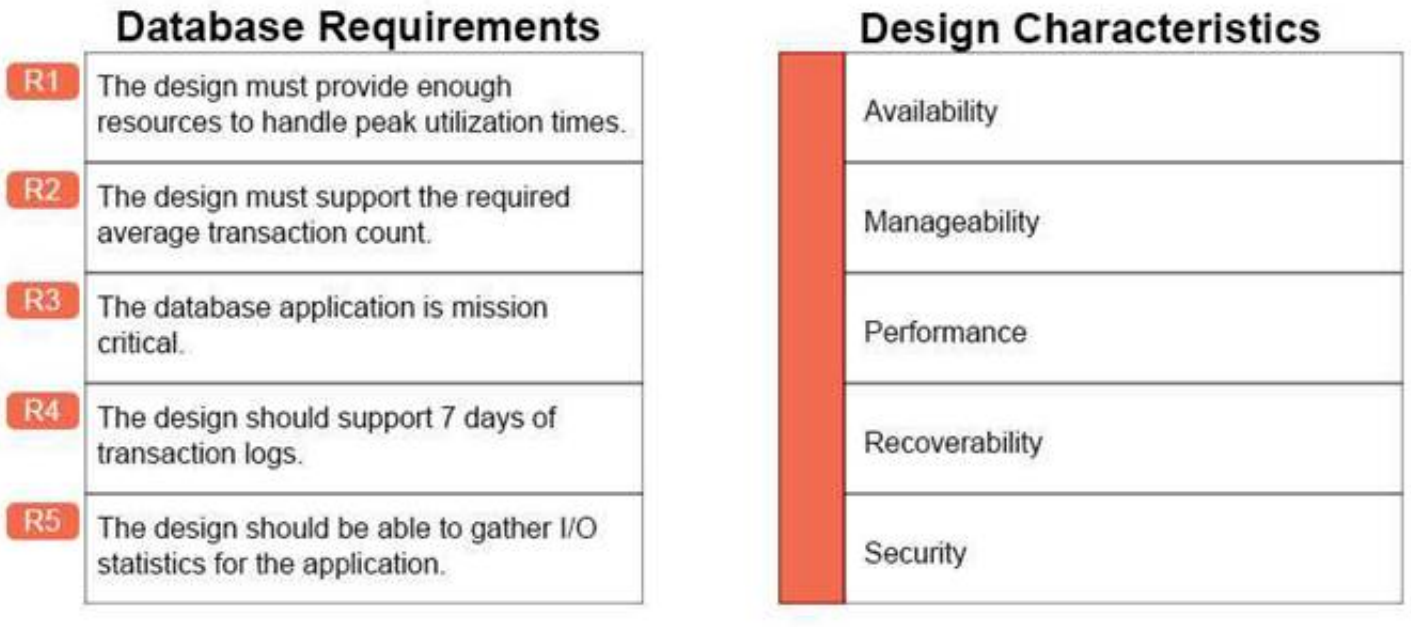
Answer: A

NEW QUESTION 31
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 till 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.

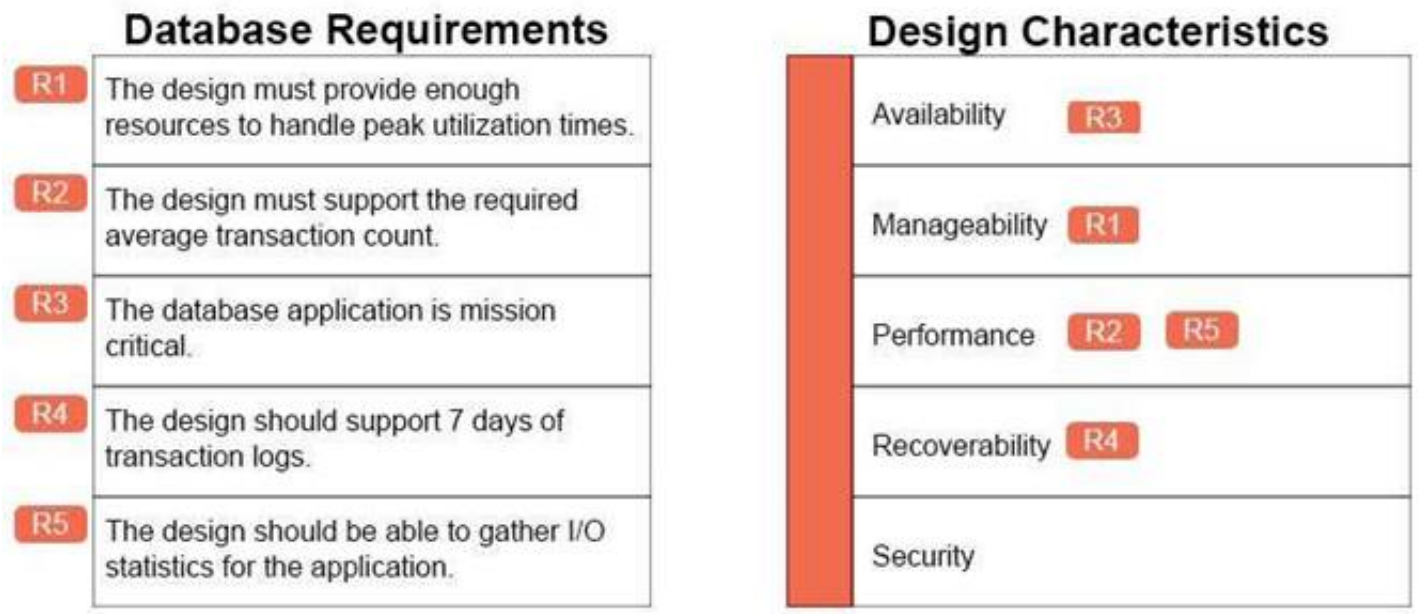
Answer: BD

NEW QUESTION 36
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.

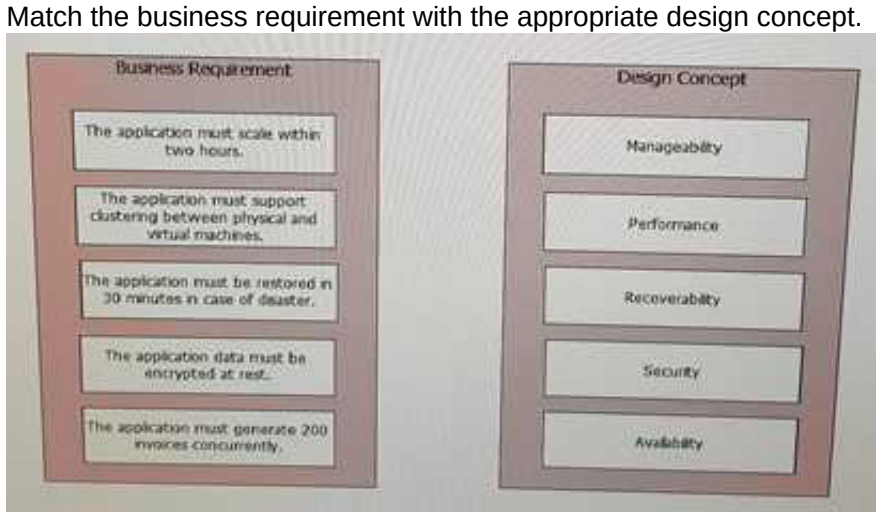


Answer:

Explanation:



NEW QUESTION 40
A leading steel manufacturer relies on SAP for purchase, sales, add invoice processing.
• It is planning to virtualize its severs 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.

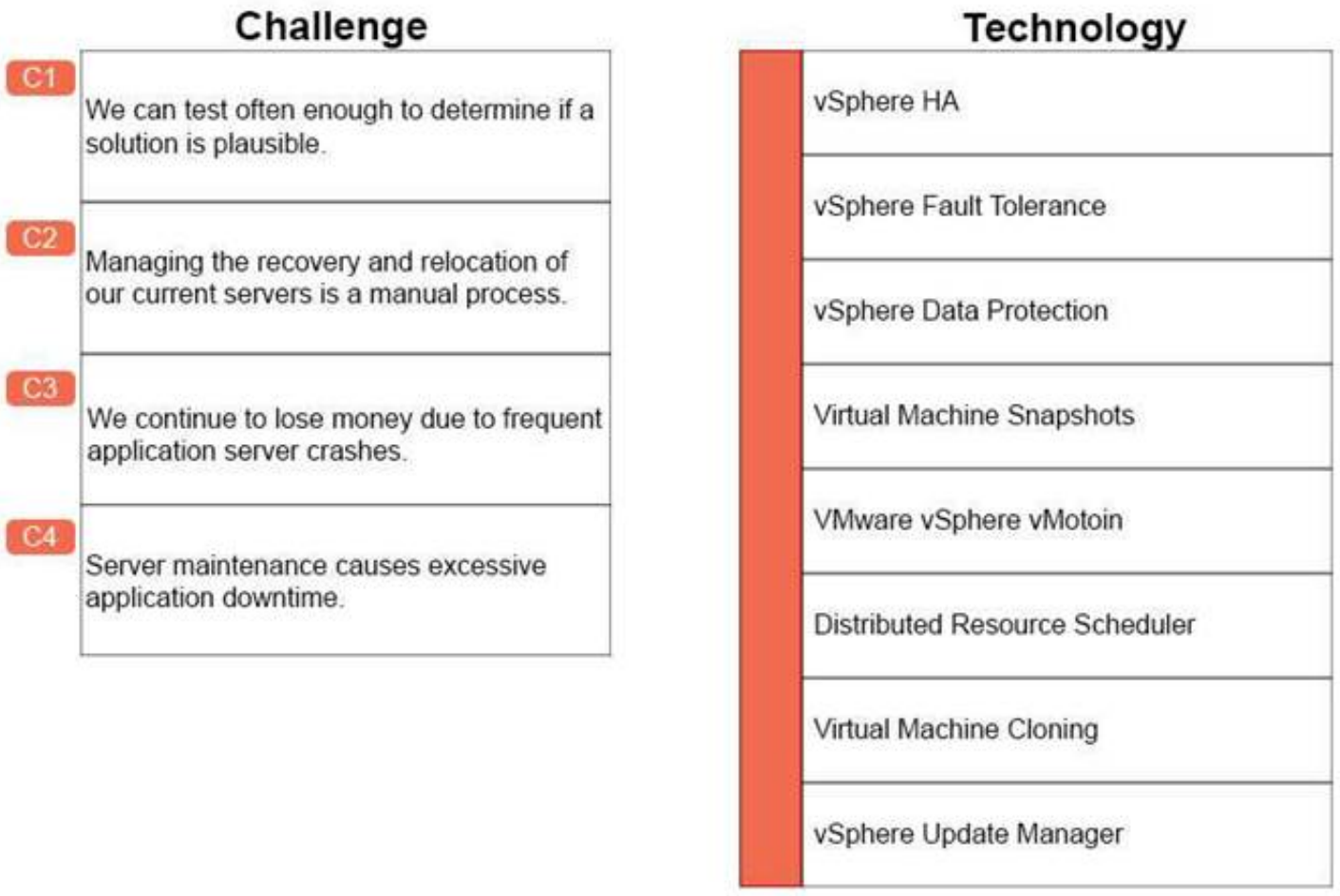


Answer:

Explanation: Manageability --> The App must support clustering...Performance --> The App must generate 200...Recoverability --> The App must be restored in 30...Security --> The App data must be encrypted...Availability --> The App must scale within 2h..

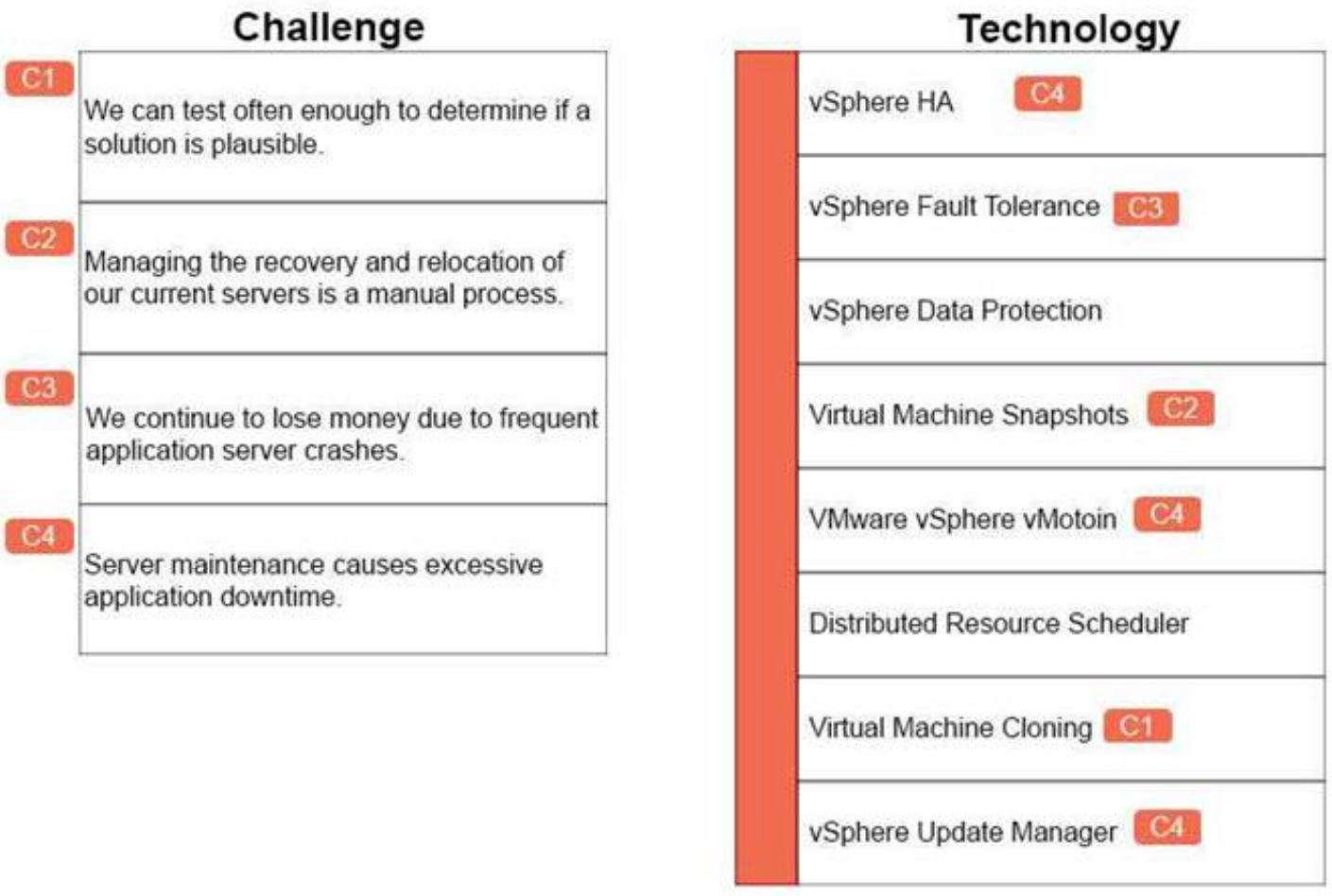
NEW QUESTION 42
You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization has identified a number of challenges that occur within

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.



Answer:

Explanation:



NEW QUESTION 47
A customer is using blade servers with only one HBA.
Which two design concepts apply to this scenario? (Choose two.)

A. Assumption
B. Risk
C. Constraint
D. Requirement

Answer: BC

NEW QUESTION 52
You are a platform designer constructing a physical design from an existing approved logicaldesign. 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 55
The hardware operations team is planning to purchase new ESXi hosts for the upcoming budget year and is requesting recommendations on the type of servers to purchase for a web application. The web application consists of hundreds of small virtual machines (1 vCPU and 8GB of RAM) that are members of a software cluster.
The solution should have these abilities:
• recover from ESXi host hardware failures
• zero downtime for a limited number of critical virtual machines (VMs)
• migrate running VMs between ESXi hosts without interruption to the operating system
• perform these functions using VMware ESXi servers, vCenter Server, and high-speed network interfaces What are the three functional requirements and their associated VMware technologies? (Choose three.)

A. automatic restarts of failed VMs (vSphere HA)
B. high speed network interfaces (vSphere Distributed Switches)
C. ability to migrate running VMs (vSphere vMotion)
D. fault tolerance for limited number of critical VMs (vSphere FT)
E. VMware ESXi Servers (vSphere Auto Deploy)

Answer: ACD

NEW QUESTION 59
A company is in the process of deploying a modern video-streaming application.
• The application is able to scale (expand and collapse) its steaming 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 6.5
• The company would like a significant reduction in CPU utilization as well as a possible increase in throughput.
Which virtual disk adapter should be recommended for the company's physical design?

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

Answer: B

NEW QUESTION 60
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

Answer: B

NEW QUESTION 63
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 64
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.

Answer: BC

NEW QUESTION 66
When planning on resource use for the servers, you should plan on leaving resources availablefor all the following except .

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

Answer: D

NEW QUESTION 67
An architect is designing a vSphere 6.5 implementation.
• The customer requires Cross vCenter vMotion for the newly-created data centers in New York and Houston.
• Each data center will use different IP networks for management and vMotion.
When creating a vMotion network, which two statements are required in order to use Cross vCenter Server vMotion? (Choose two.)

A. vMotion Networks in both data centers must be in the same L2 stretched VLAN.
B. The virtual machine port groups must use the same name.
C. VMkernel port for vMotion must be configured with vMotion TCP/IP Stack with the correct gateway.
D. vMotion networks in both data centers must be routable over L3 network.

Answer: CD

NEW QUESTION 72
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)

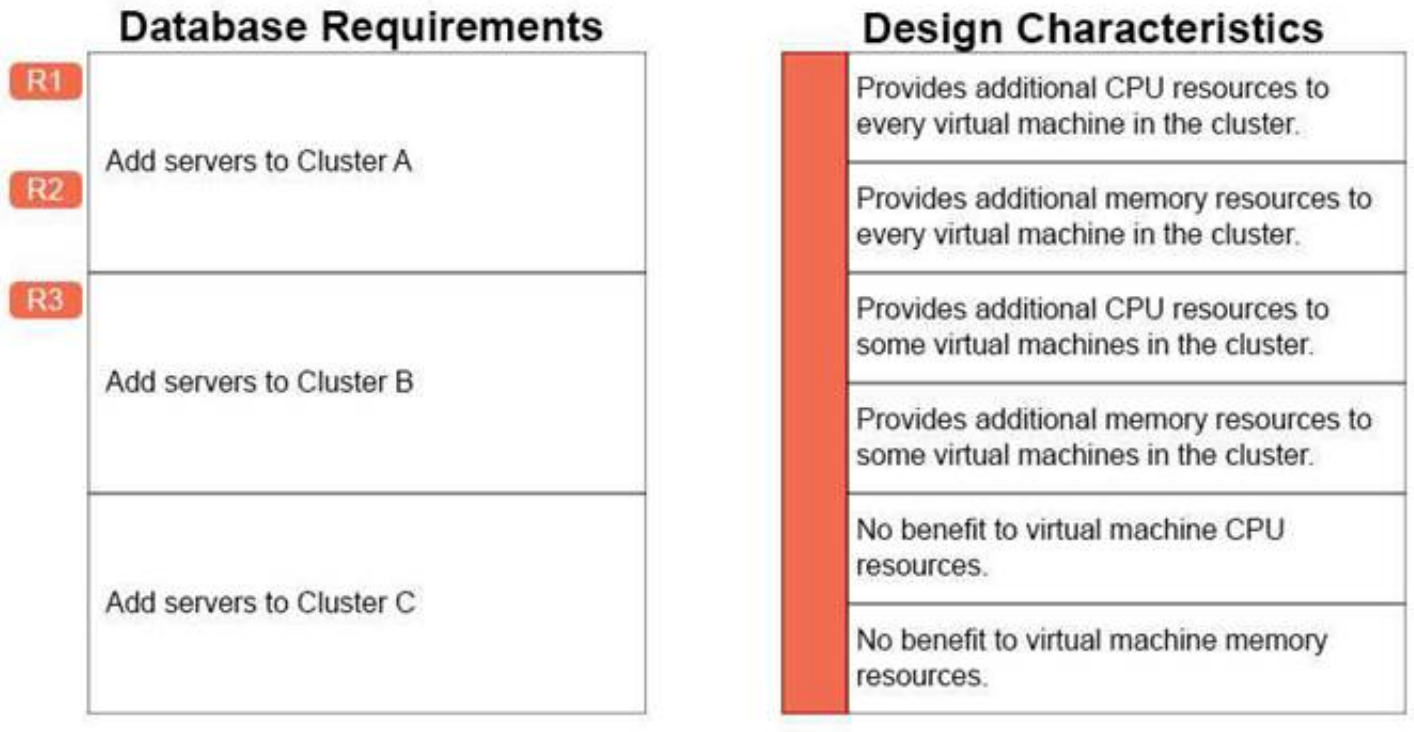
A. Cluster 1• ESXi 6.0• Intel Skylake CPUs• EVC Enabled: AMD OpteronTM "Steamroller" Generation Cluster 2• ESXi 6.5• AMD Steamroller CPUs• EVC Enabled: AMD OpteronTM “Steamroller" Generation
B. Cluster 1• ESXi 5.6• Intel® Broadwell CPUs• EVC Disabled Cluster 2• ESXi 6.5• Intel® Broadwell CPUs• EVC Disabled
C. Cluster 1• ESXi 5.5• AMD Piledriver CPUs• EVC Enabled: AMD OpteronTM "Piledriver" Generation Cluster 2• ESXi 6.5• AMD Steamroller CPUs• EVC Enabled: AMD OpteronTM “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 75
You have been tasked with creating a vSphere 6.5 data center design for an organization. The organization has provided a number of requirements, resulting in a preliminary vSphere cluster design shown in the Scenario. The organization has purchased additional servers configured with large amounts of resources (i.e. CPU, RAM) that could be integrated into the cluster design. Consider each vSphere cluster design and determine the benefit of adding additional servers to the design.

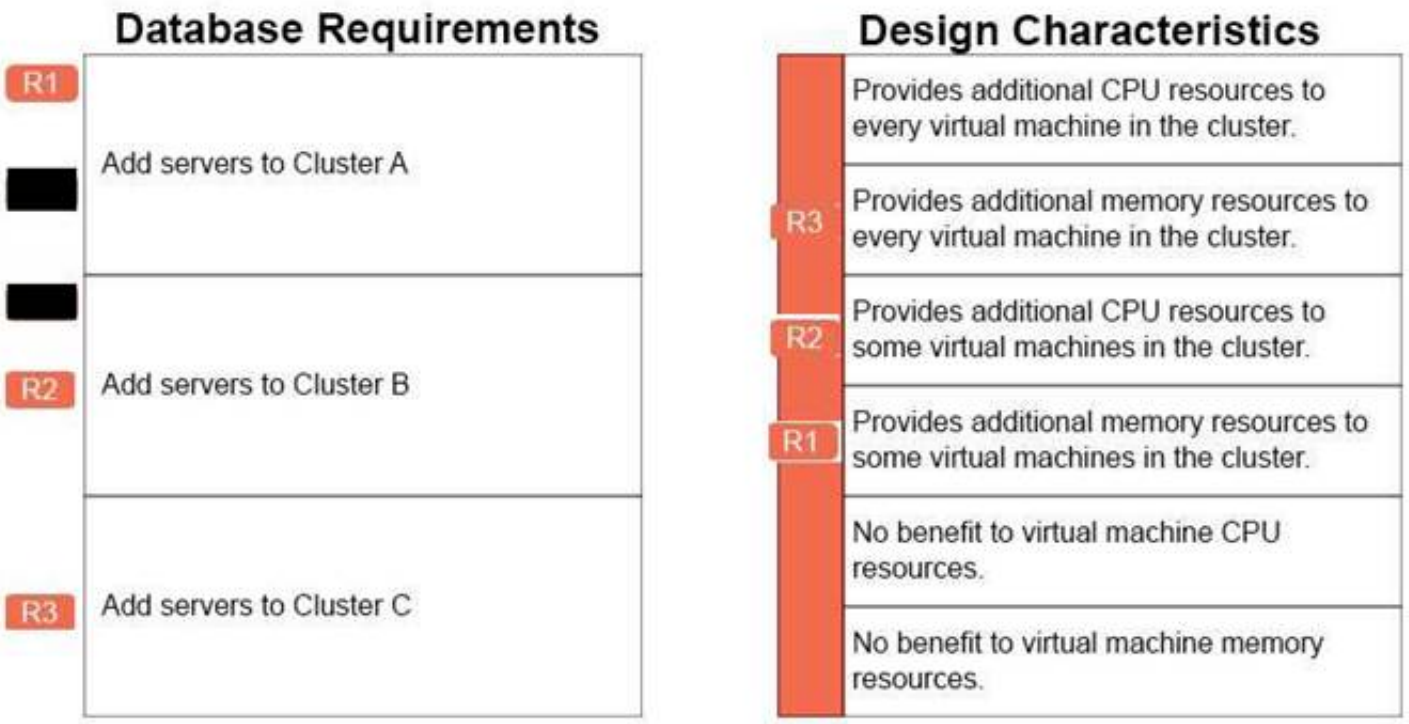
Based on customer requirements, a vSphere Cluster design has been defined:	
Cluster A (8 ESXi hosts)	- **High Performance** Resource Pool – 70% of all cluster resources, virtual machines have dedicated reservations for CPU and Memory that do not expand. - Contention Present: None - VMs: 20 - **Infrastructure** Resource Pool – 30% of all resources, virtual machines have dedicated reservations for CPU and Memory that do not expand - Contention Present: None - VMs: 12
Cluster B (3 ESXi hosts)	- **Development** Resource Pool – 50% of all resources, virtual machines have no CPU or Memory reservations present. - Contention Present: Memory Contended, no CPU Contention - VMs: 18 - **Reporting** Resource Pool – 50% of all resources, virtual machines memory reservation may expand, no CPU reservation present. - Contention Present: Memory Contended, CPU Contended - VMs: 2
Cluster C (6 ESXi hosts)	- **Client Back-End Hosting** Resource Pool – 75% of all resources, virtual machines have CPU and Memory limits - Contention Present: Memory Contended - VMs: 5 - **Client Front-End Hosting** Resource Pool – 25% of all resources, virtual machines have no CPU limits, however memory limits are in place. - Contention Present: Memory contended, no CPU Contention

Match the Action on the left by dragging the red buttons (A1-A3) over the text of the corresponding Effect. NOTE: Actions taken might have more than one Effect on the cluster design.

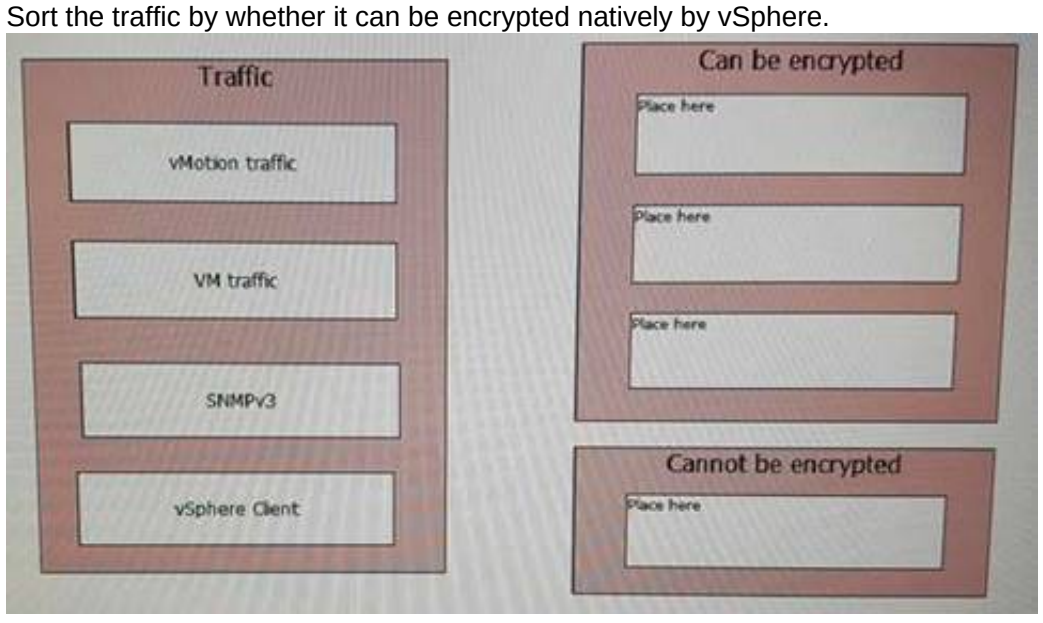


Answer:

Explanation:



NEW QUESTION 78
Sort the traffic by whether it can be encrypted natively by vSphere.

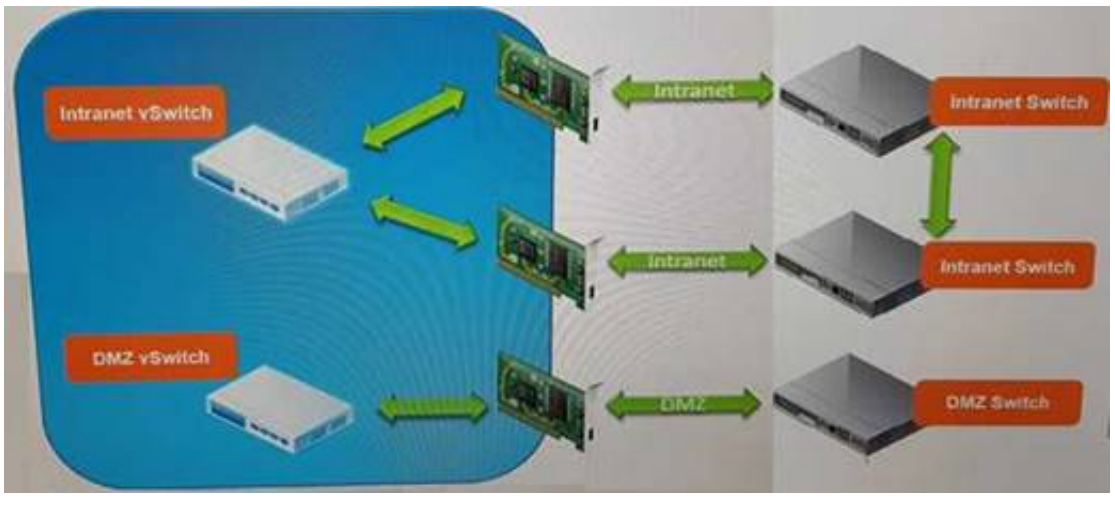


Answer:

Explanation: vmotion--> it is supportedsnmpv3 --> Natively supports message integrity, auth and encryptionvsphere client --> Using IPSec for IPv6

NEW QUESTION 81

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 83
A database administrator is operating a virtual machine (VM) configured with 16 vCPU and 64GB of RAM. A recent performance audit has indicated that this virtual machine is oversized and is using less than 60% of its configured CPU and memory capacity.
• The ESXi host that contains this VM has 2 physical processors with 10 cores per processor, and 128GB of RAM.
• This physical host's architecture is split into two equal NUMA nodes.
Which vCPU and RAM configuration for the VM allows for the most resources, but also provides the performance benefit of local NUMA access?

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

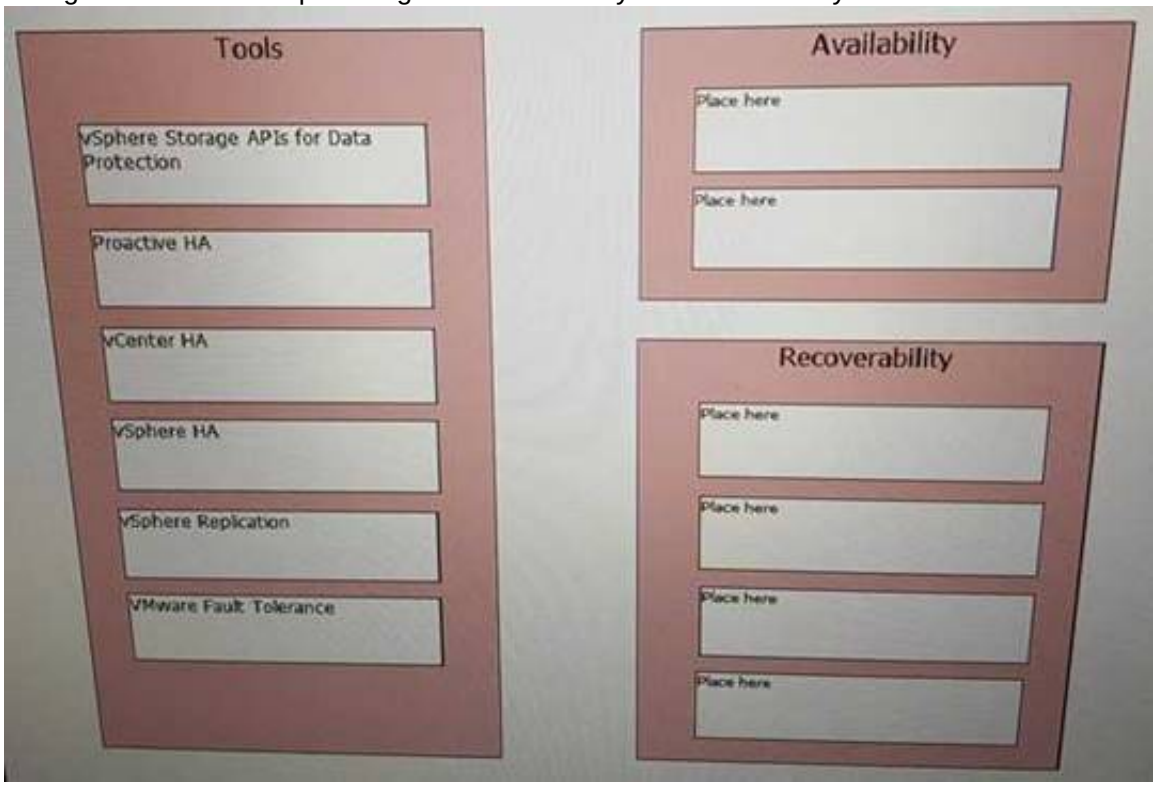
Answer: C

NEW QUESTION 84
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 86
Categorize the tools as providing either Availability or Recoverability.



Answer:

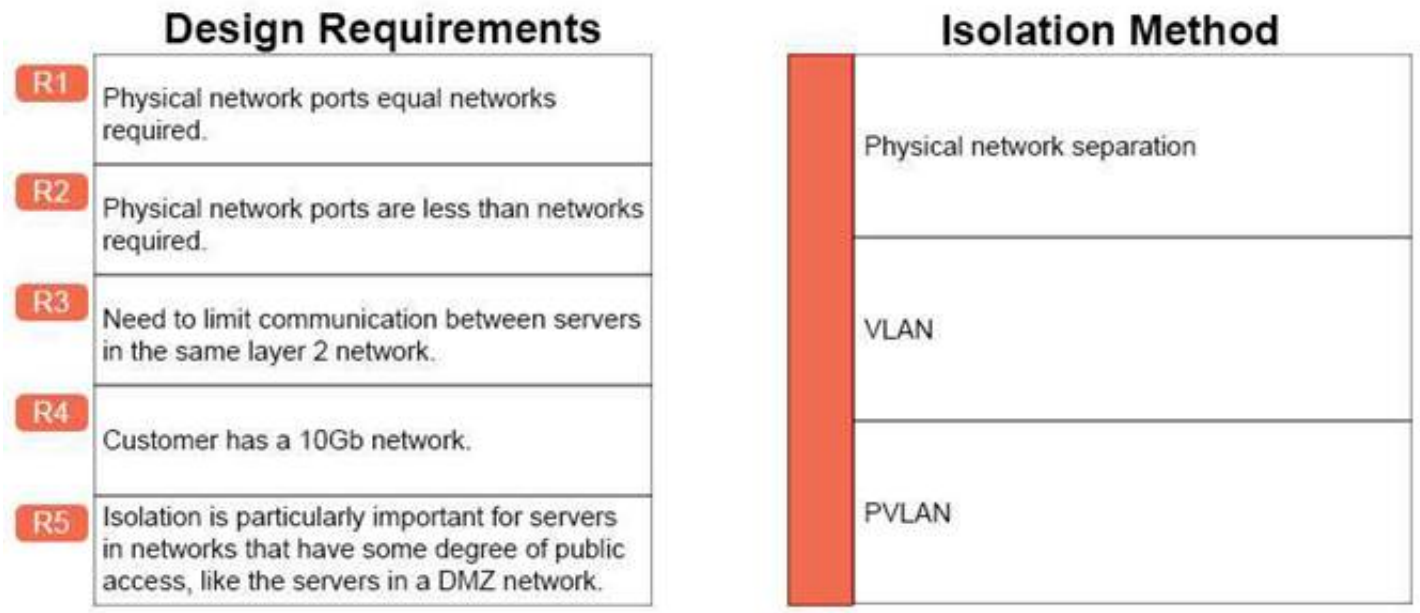
Explanation: AvailabilityFTHARecoverabilityProactive HAvCenter HAvSphere ReplicationVADP

NEW QUESTION 91
A customer is deploying a mission-critical Oracle database with high SLA requirements, including high performance and high availability. The customer has chosen to purchase an All-Flash vSAN solution.
Which three storage policies should be used? (Choose three.)

A. RAID5/6 for data disk and RAID1 for OS disk with FTT=2.
B. IOPS limit and checksum should be enabled.
C. RAID5/6 for OS disk and RAID1 for data disk with FTT=2.
D. Configure multiple disk stripes.
E. Deduplication and Compression should be disabled.

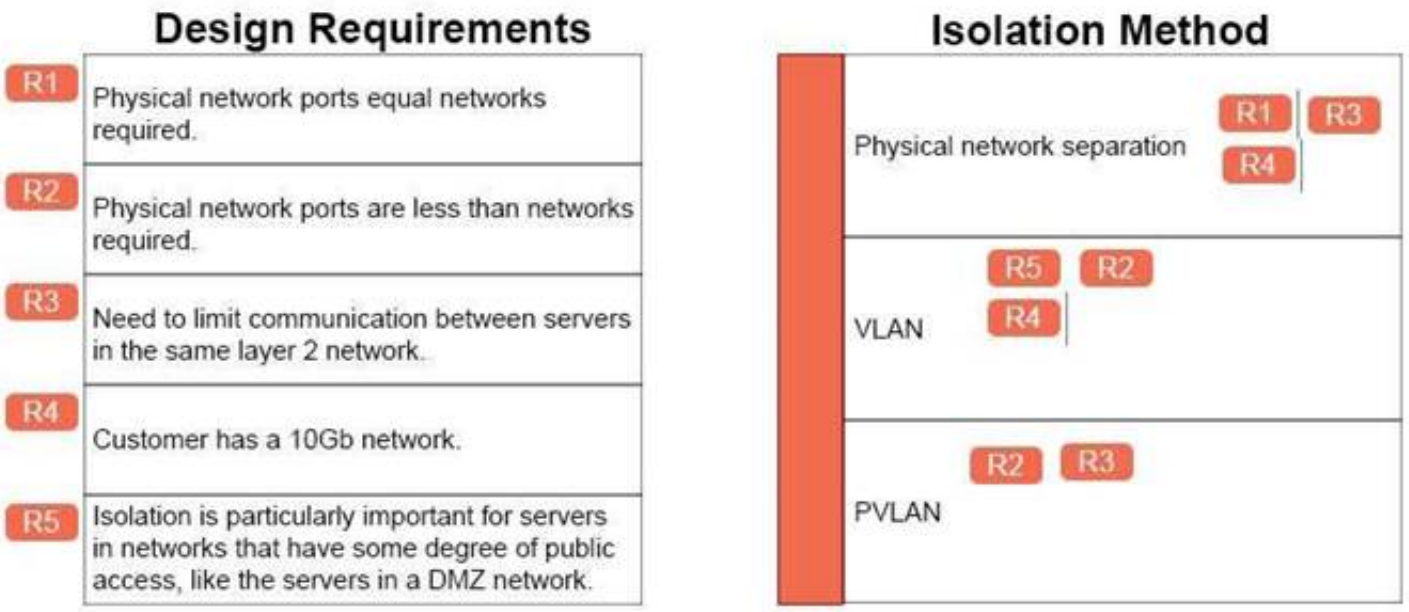
Answer: CDE

NEW QUESTION 92
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.

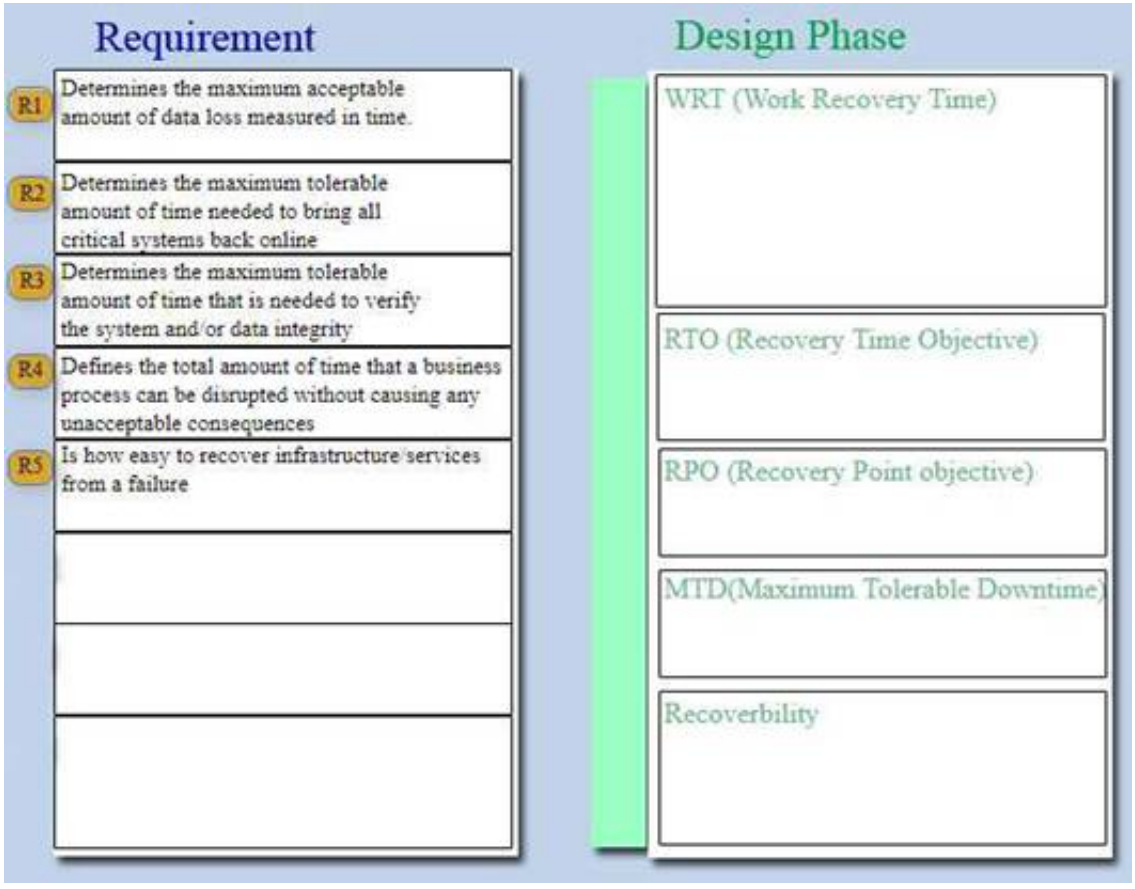


Answer:

Explanation:

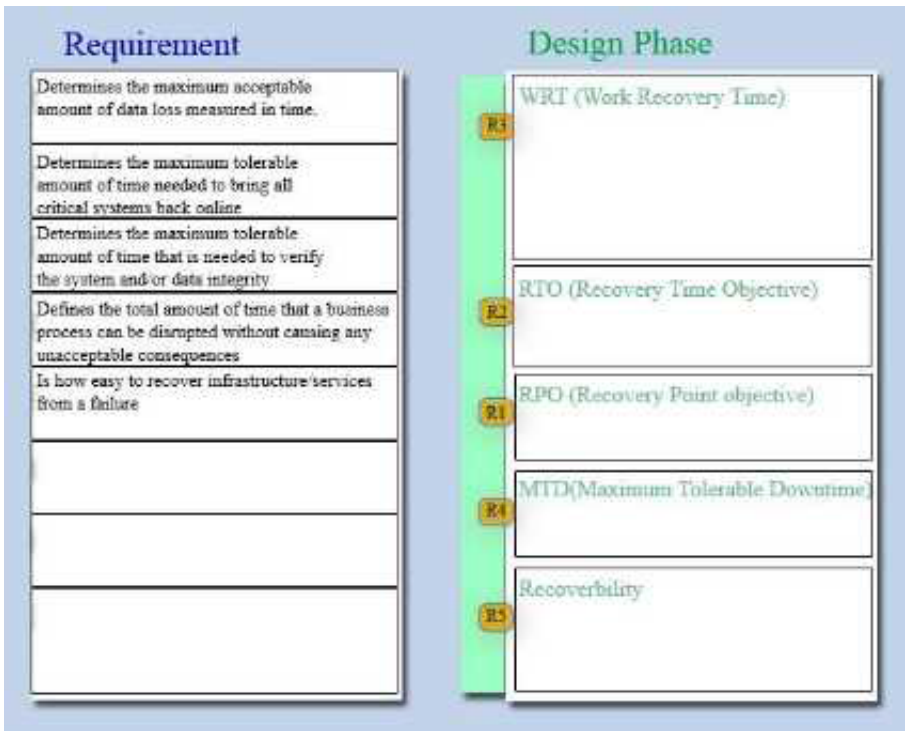


NEW QUESTION 96
You have been provided with a list of requirements for a vSphere Design. For each requirement, categorize the requirement as a component of the WRT, RTO, RPO, MTD, and Recoverbility.
Drag a requirement button (R1-R8) over to the green space provided beside the corrisponding Design Phase.



Answer:

Explanation:



NEW QUESTION 99
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.)

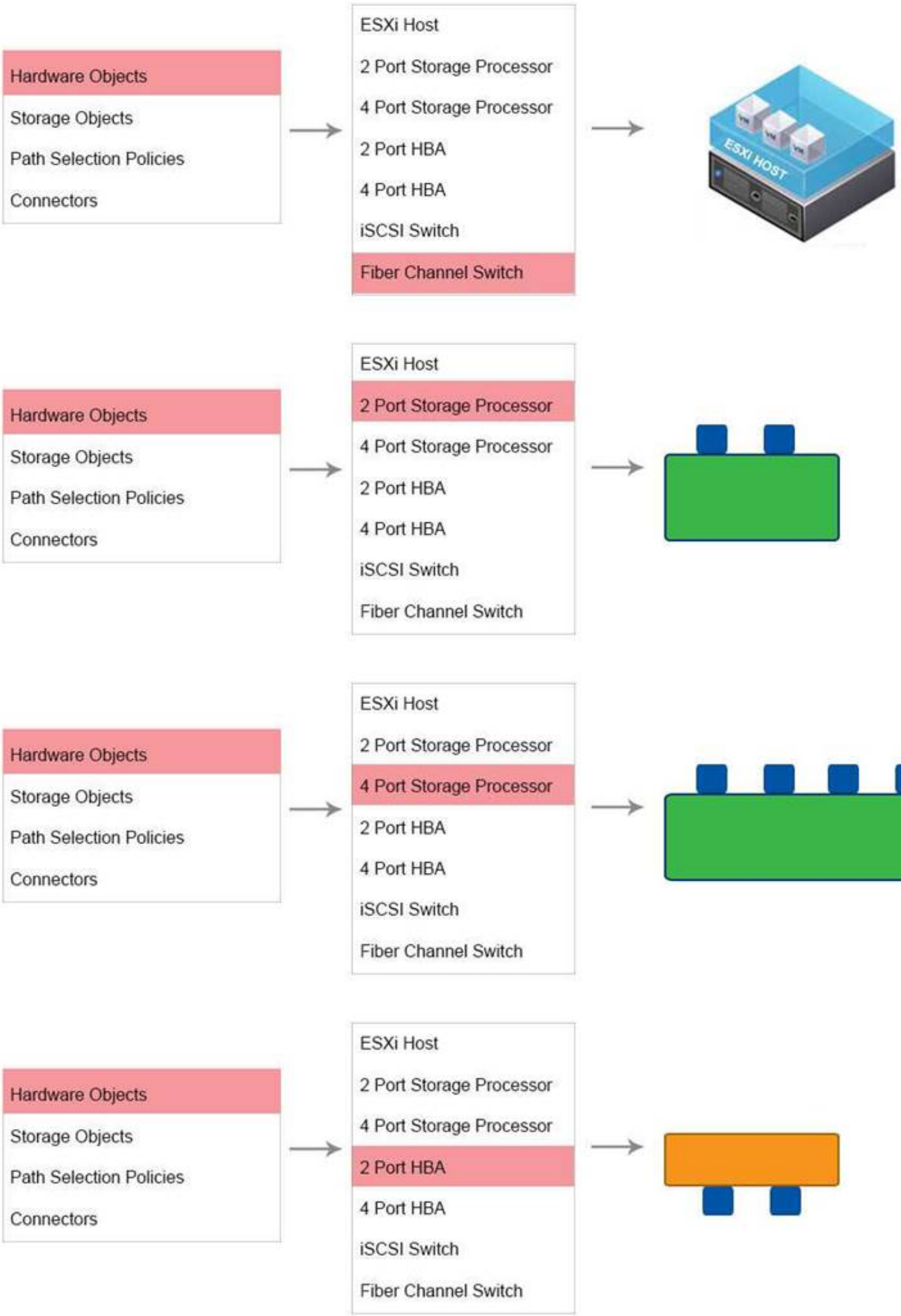
A. Enabling CPU Hot Add on a virtual machine will disable vNUMA.
B. Placing a 10 vCPU VM in Cluster A and configuring it with 2 Sockets and 5 Cores Per Socket will result in 2 vNUMA nodes.
C. Placing a 10 vCPU VM in Cluster B and configuring it with 2 Sockets and 5 Cores Per Socket will result in 2 vNUMA 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 103
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.



Hardware Objects
Storage Objects
Path Selection Policies
Connectors

→ ESXi Host
2 Port Storage Processor
4 Port Storage Processor
2 Port HBA
4 Port HBA
iSCSI Switch
Fiber Channel Switch

→

Hardware Objects
Storage Objects
Path Selection Policies
Connectors

→ ESXi Host
2 Port Storage Processor
4 Port Storage Processor
2 Port HBA
4 Port HBA
iSCSI Switch
Fiber Channel Switch

→

Hardware Objects
Storage Objects
Path Selection Policies
Connectors

→ ESXi Host
2 Port Storage Processor
4 Port Storage Processor
2 Port HBA
4 Port HBA
iSCSI Switch
Fiber Channel Switch

→

Hardware Objects
Storage Objects
Path Selection Policies
Connectors

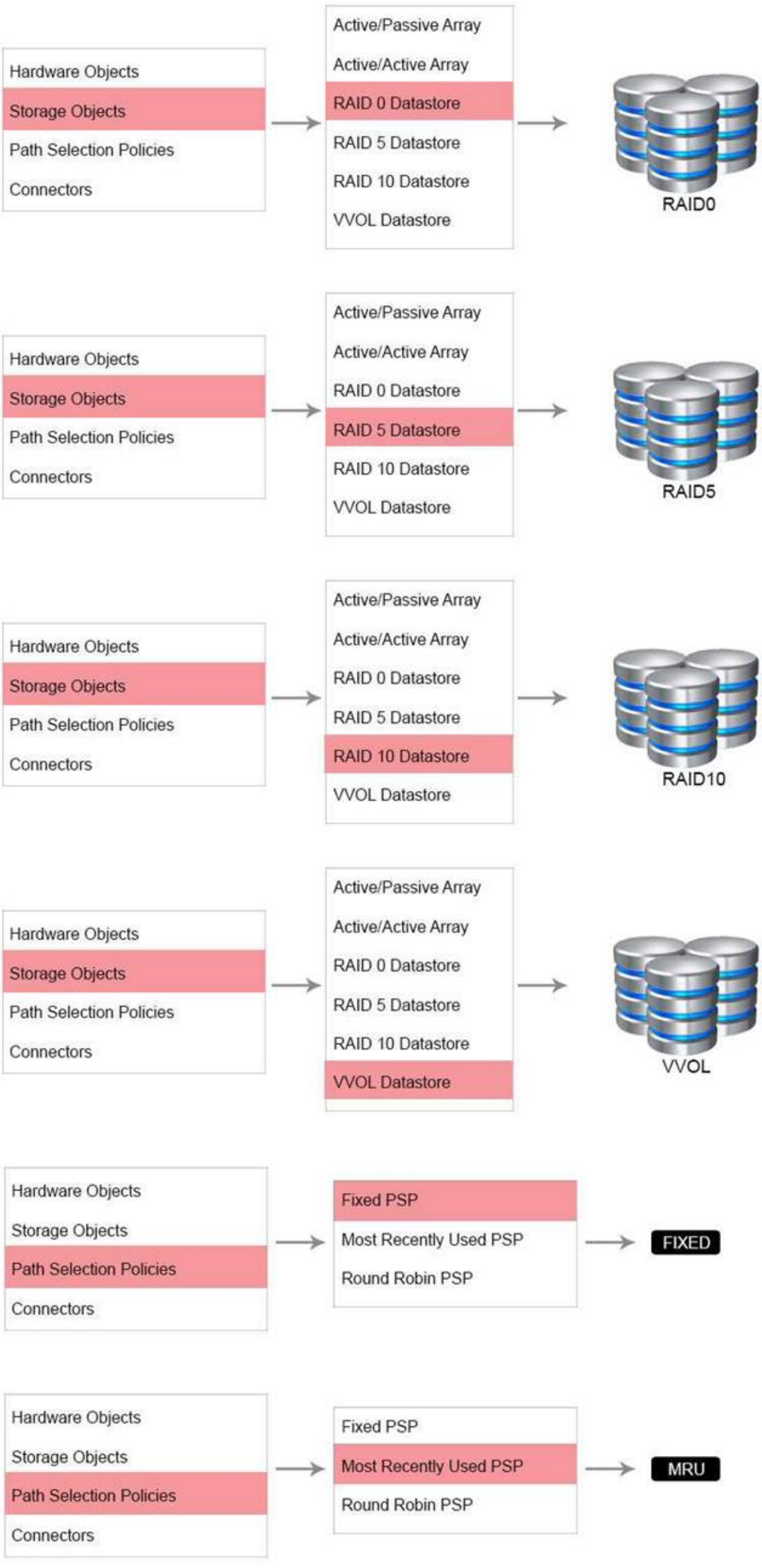
→ Active/Passive Array
Active/Active Array
RAID 0 Datastore
RAID 5 Datastore
RAID 10 Datastore
WOL Datastore

→ Asymmetrical Active/Passive Storage Array

Hardware Objects
Storage Objects
Path Selection Policies
Connectors

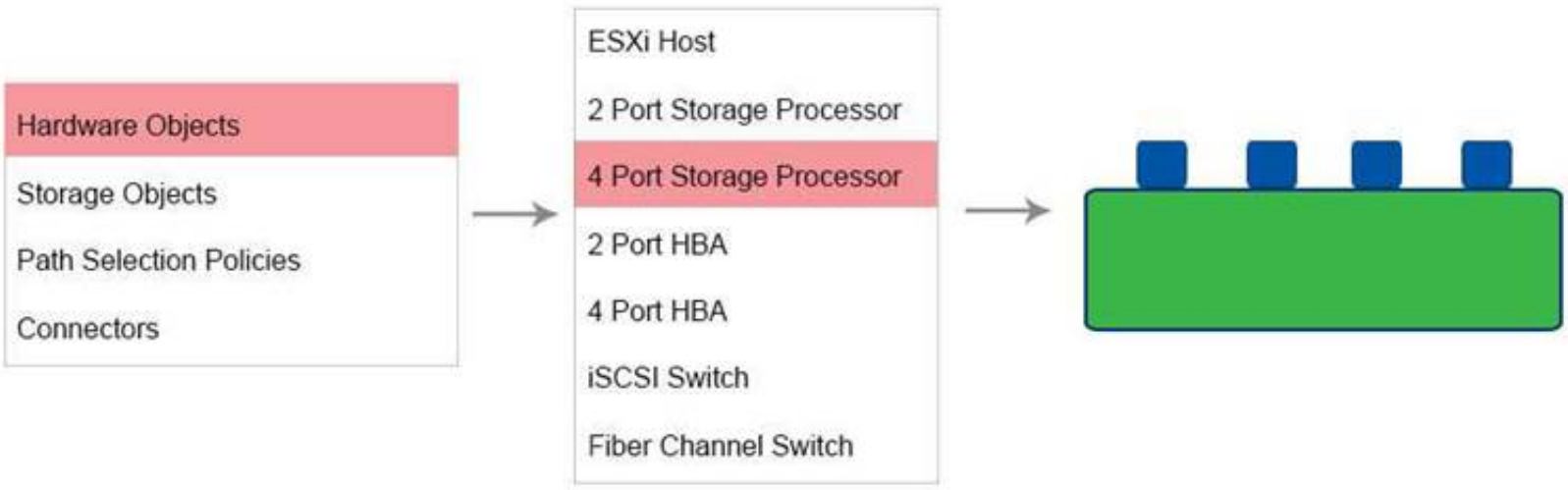
→ Active/Passive Array
Active/Active Array
RAID 0 Datastore
RAID 5 Datastore
RAID 10 Datastore
WOL Datastore

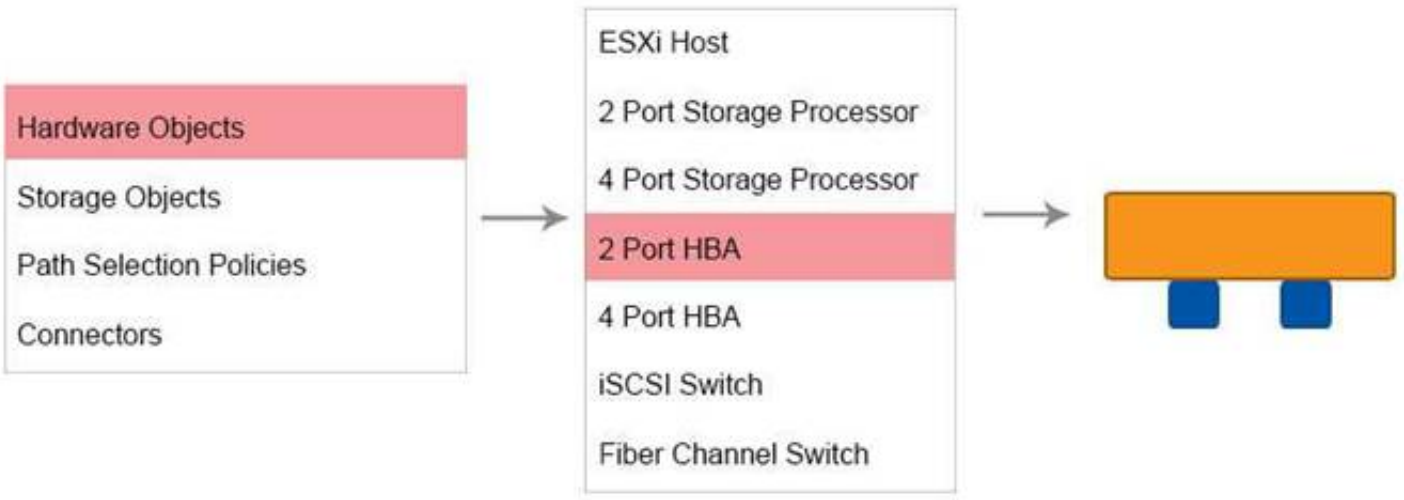
→ Asymmetrical Active/Passive Storage Array

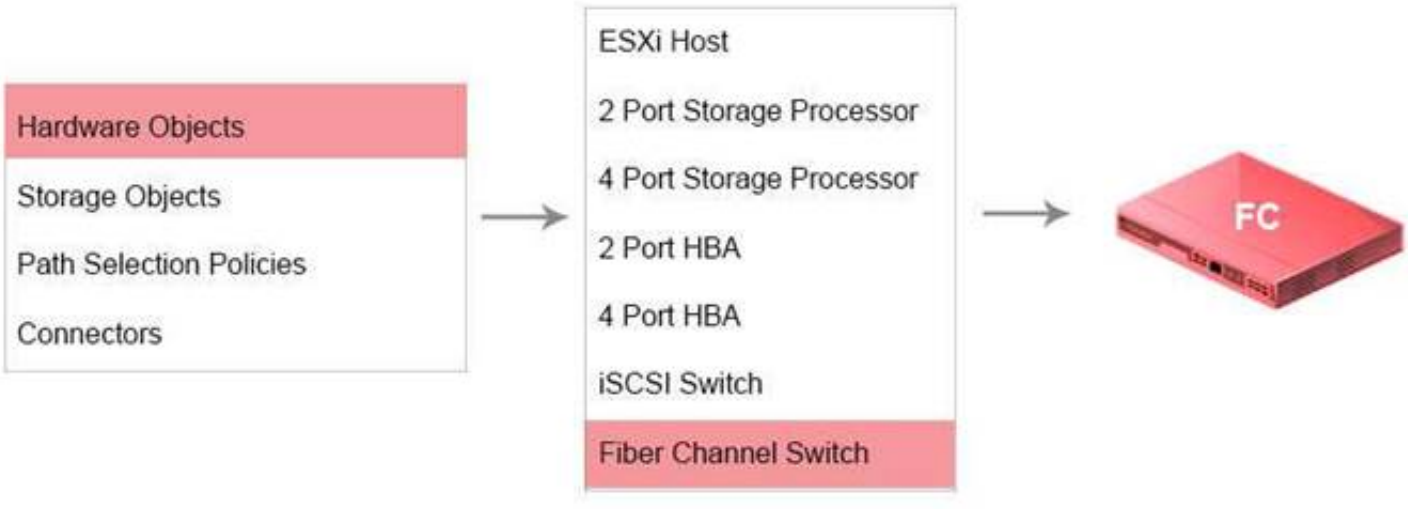

Hardware Objects
Storage Objects
Path Selection Policies
Connectors
Active/Passive Array
Active/Active Array
RAID 0 Datastore
RAID 5 Datastore
RAID 10 Datastore
VVOL Datastore
RAID0
Hardware Objects
Storage Objects
Path Selection Policies
Connectors
Active/Passive Array
Active/Active Array
RAID 0 Datastore
RAID 5 Datastore
RAID 10 Datastore
VVOL Datastore
RAID5
Hardware Objects
Storage Objects
Path Selection Policies
Connectors
Active/Passive Array
Active/Active Array
RAID 0 Datastore
RAID 5 Datastore
RAID 10 Datastore
VVOL Datastore
RAID10
Hardware Objects
Storage Objects
Path Selection Policies
Connectors
Active/Passive Array
Active/Active Array
RAID 0 Datastore
RAID 5 Datastore
RAID 10 Datastore
VVOL Datastore
VVOL
Hardware Objects
Storage Objects
Path Selection Policies
Connectors
Fixed PSP
Most Recently Used PSP
Round Robin PSP
FIXED
Hardware Objects
Storage Objects
Path Selection Policies
Connectors
Fixed PSP
Most Recently Used PSP
Round Robin PSP
MRU

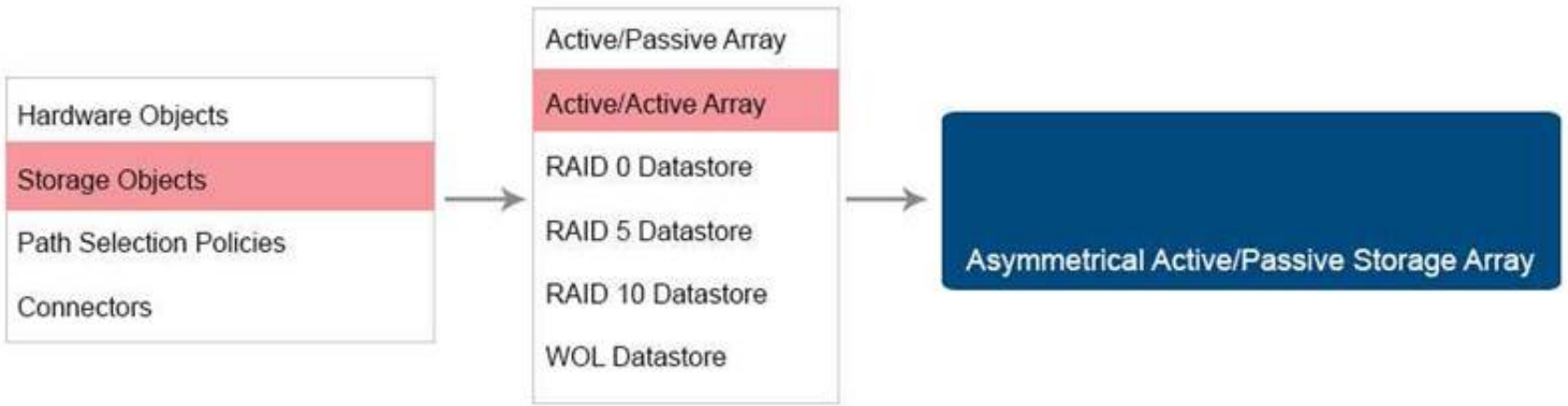
Answer:

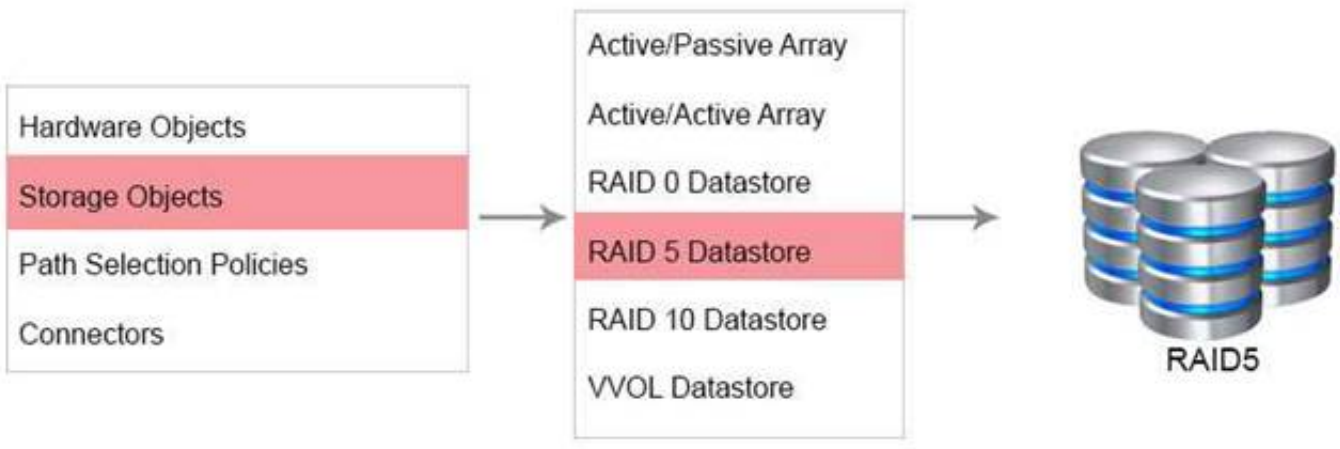
Explanation: Check below for answer solution









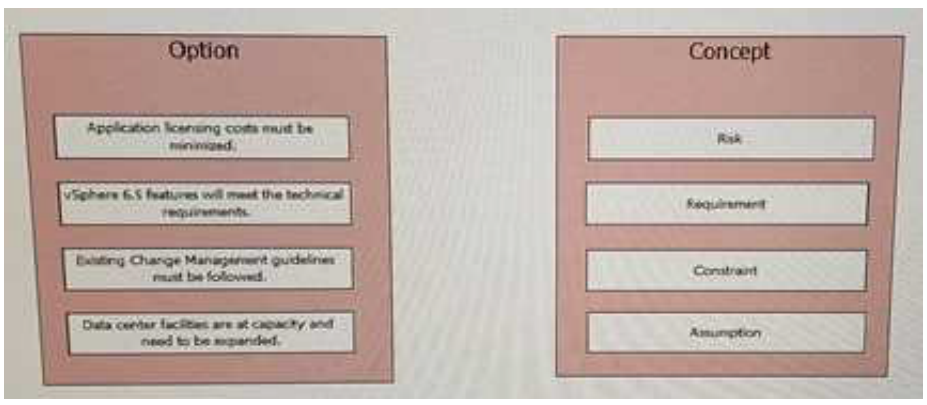


NEW QUESTION 106
A solution architect has finished conducting interviews and gathering requirements for a company, and has determined that the logical requirements are:
• two data centers for high availability
• synchronous replication to meet the zero minute RPO
• separating management workloads from 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 111
Drag each option to its appropriate concept.



Answer:

Explanation: Risk --> DC facilities are at capacity end...Requirement --> Existing change management guidelines...Constraint --> App licencsing costs must be minimizedAssumption --> vsphere 6.5 features will meet the...

NEW QUESTION 112
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 prowler and vCenter server virtual machines be stored?

A. The VASA provider and vCenter Server will be placed on 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)

Answer: A

NEW QUESTION 114
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 contact with the co-lo data center.
• The building that is currently occupied no hanger 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.

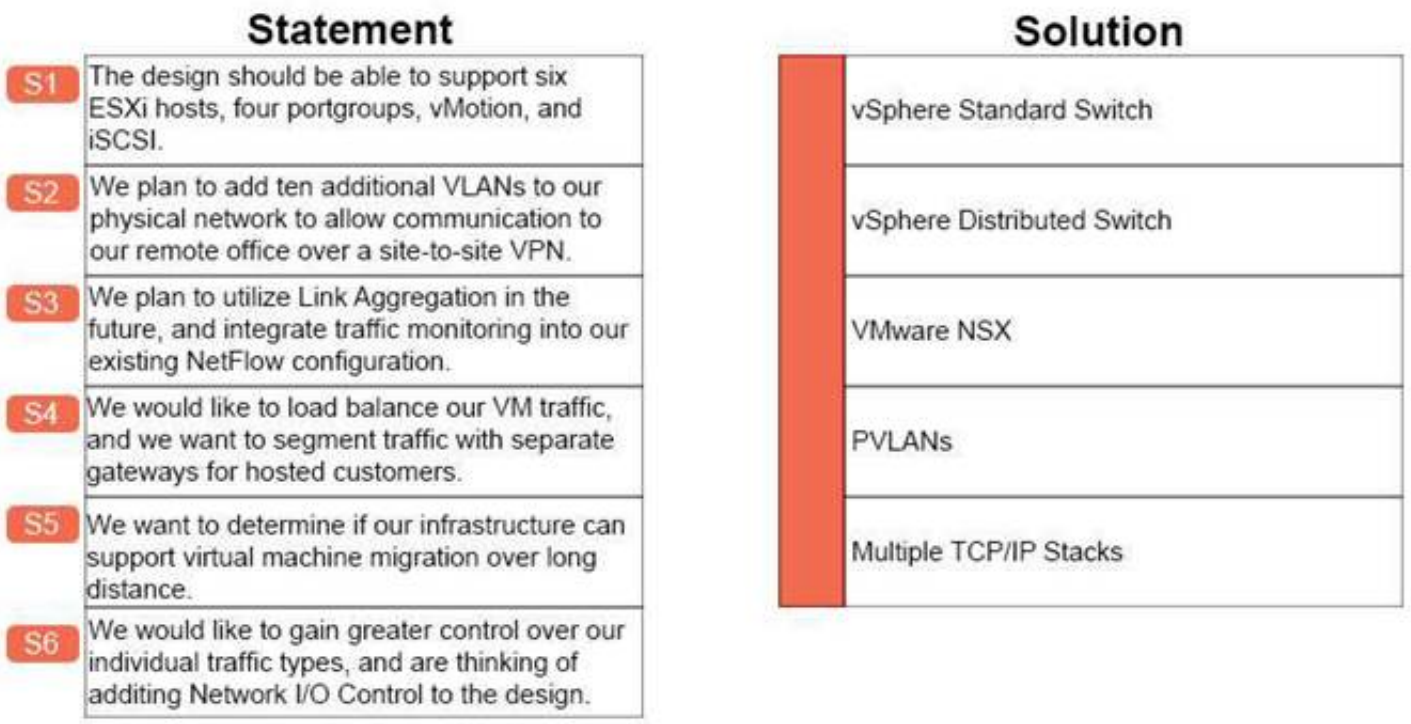
Answer: BC

NEW QUESTION 115
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 VMkenel port.
B. Configure VLANs to create separate networks.
C. Purchase hardware that supports a greater number of network ports.
D. Utilize Private VLANs.

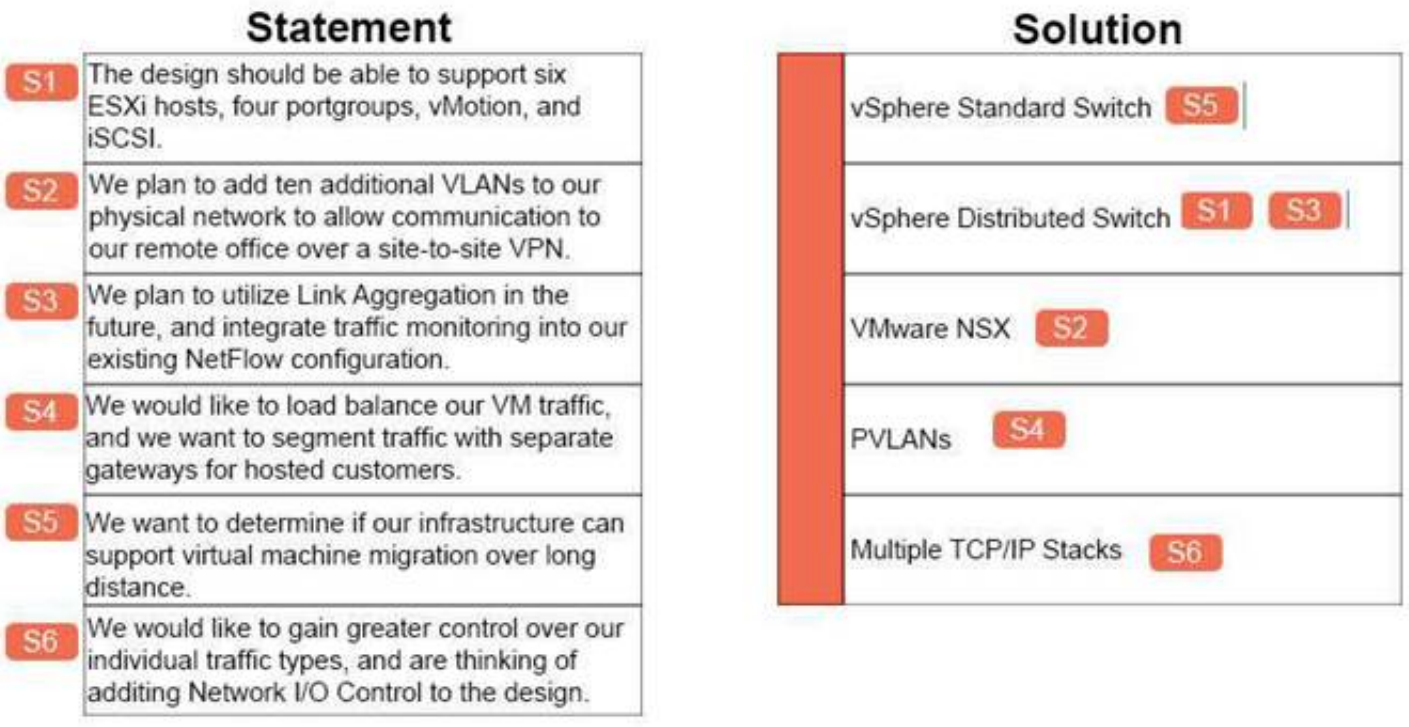
Answer: BCD

NEW QUESTION 117
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.



Answer:

Explanation:



NEW QUESTION 121
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. Utlizing vSphere CLI and vSphere SDK for Perl scripts.
B. Restricting vCerter 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 NIP source.
E. Removing expired and revoked certificates from vCenter Server system.

Answer: BDE

NEW QUESTION 122
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 256G8 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 l vCPU VMs participating in an OS level clustered application protected by vSphere Fault Tolerance.

Answer: A

NEW QUESTION 126

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 130
Which two types of workloads are efficiently consolidated when virtualized? (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.

Answer: CD

NEW QUESTION 132
.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 3v0-624 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 3v0-624 Product From:

https://www.2passeasy.com/dumps/3v0-624/

Money Back Guarantee

3v0-624 Practice Exam Features:

* 3v0-624 Questions and Answers Updated Frequently

* 3v0-624 Practice Questions Verified by Expert Senior Certified Staff

* 3v0-624 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 3v0-624 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year