3v0-624 Dumps

VMware Certified Advanced Professional 6.5 - Data Center Virtualization Design Exam

https://www.certleader.com/3v0-624-dumps.html

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 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.
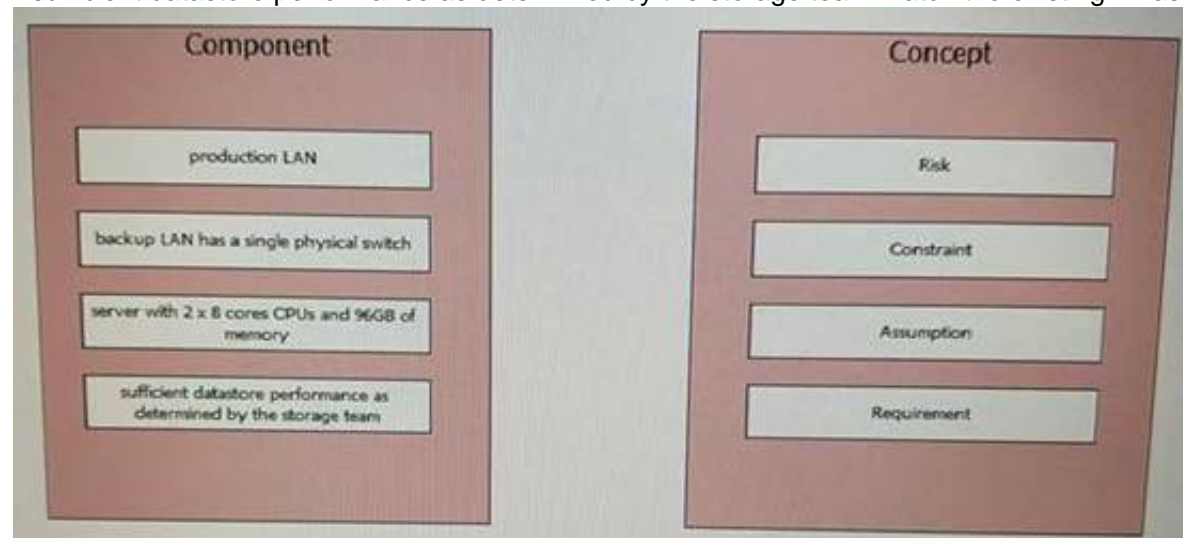
A. Mastered
B. Not Mastered

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
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 3
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.
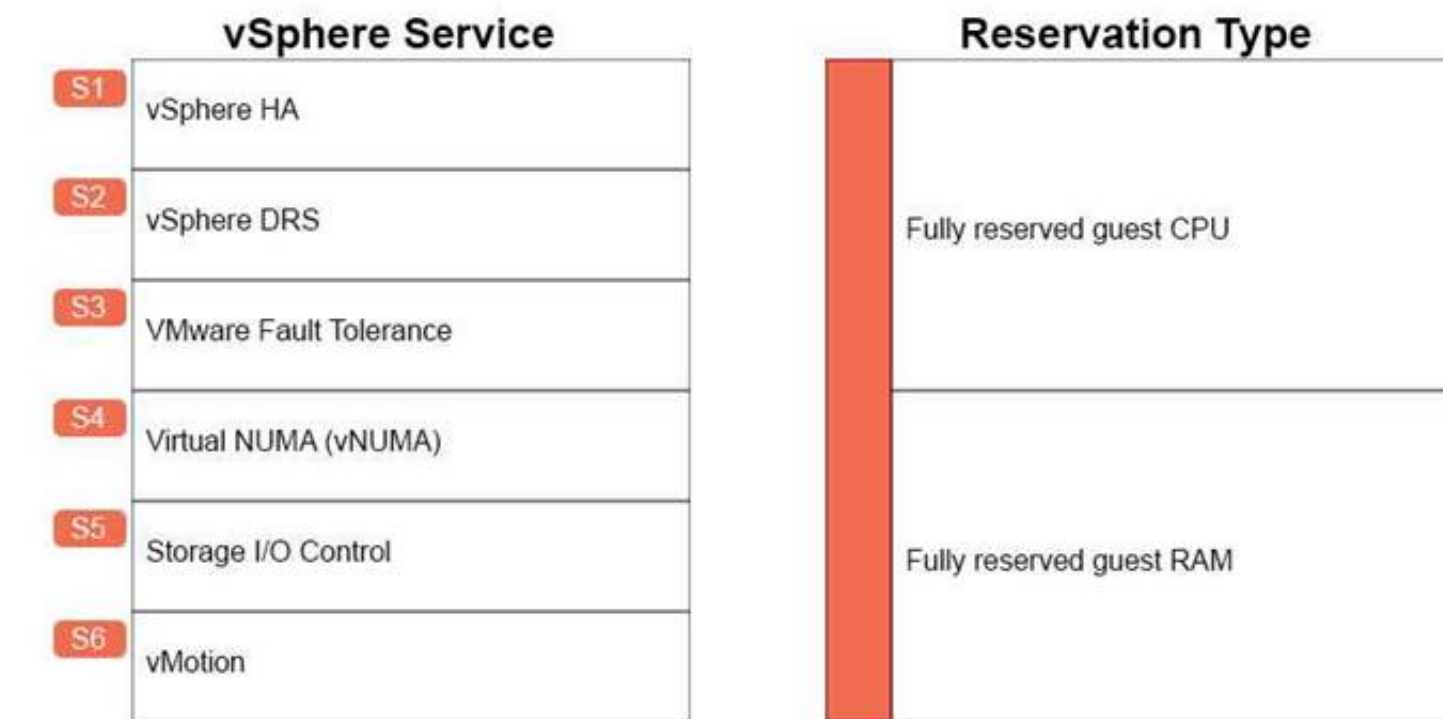D. The environment will be shared by several departments.

Answer: A

NEW QUESTION 4
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.
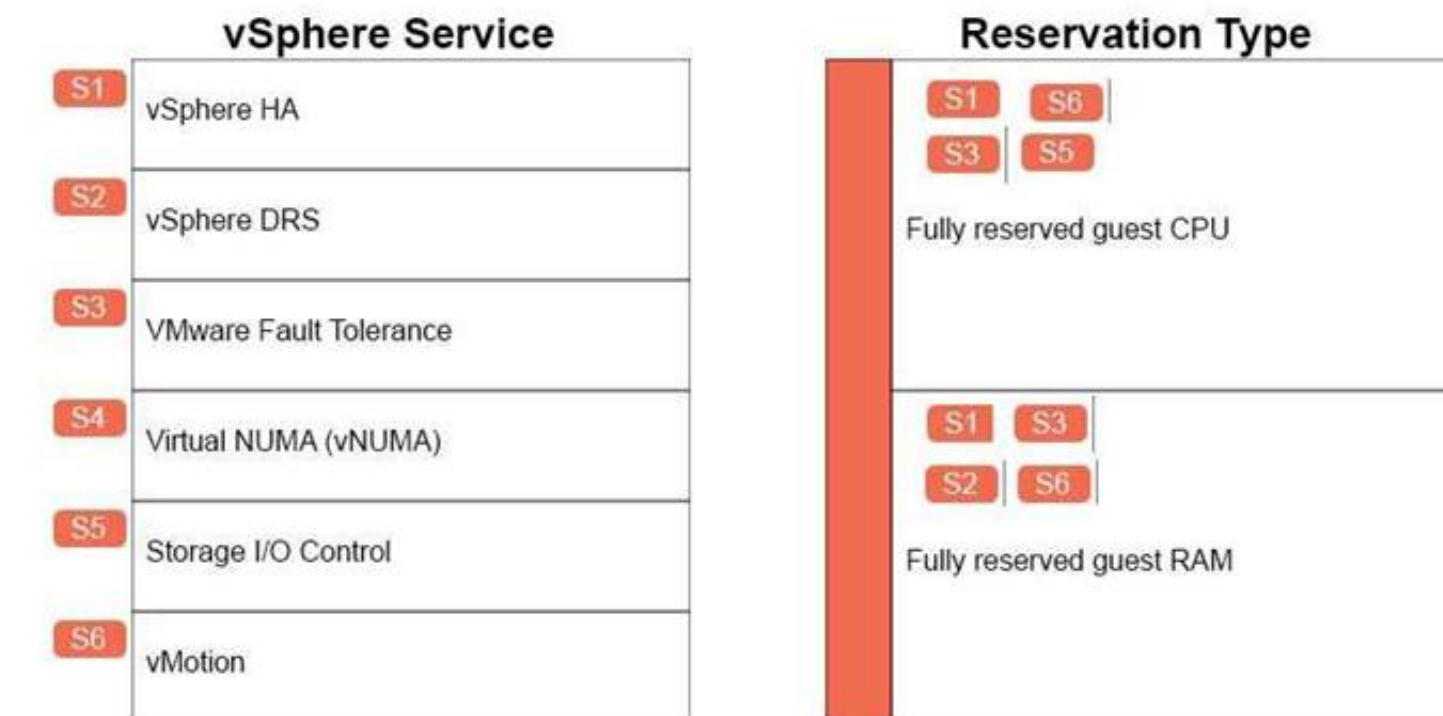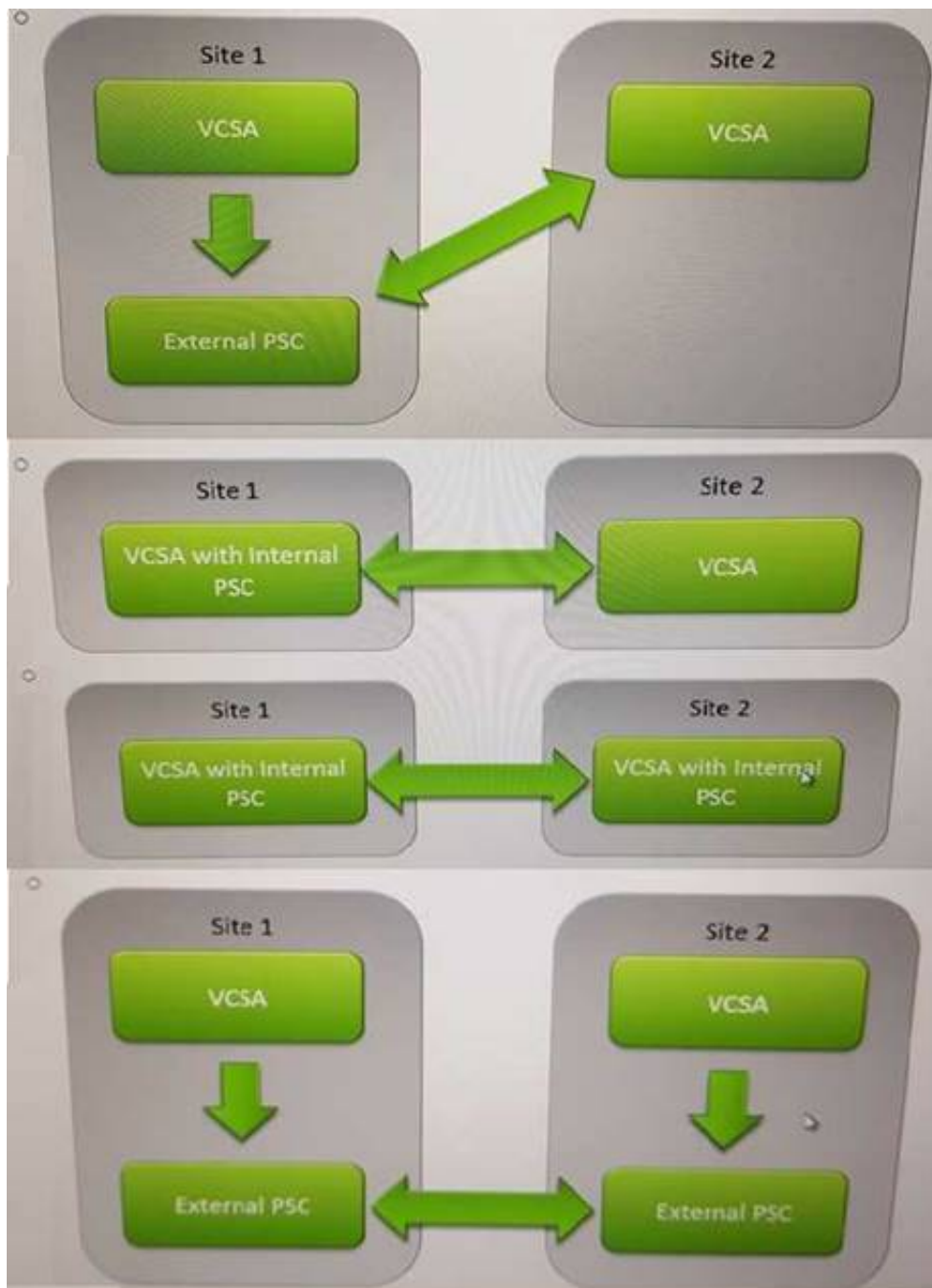NOTE: A vSphere Service may allow for more than one Reservation Type or none at all.

vSphere Service		Reservation Type
S1 vSphere HA		
S2 vSphere DRS		Fully reserved guest CPU
S3 VMware Fault Tolerance		
S4 Virtual NUMA (vNUMA)		
S5 Storage I/O Control		Fully reserved guest RAM
S6 vMotion		

A. Mastered
B. Not Mastered

Answer: A

Explanation:

vSphere Service		Reservation Type
S1 vSphere HA		S1 S6 S3 S5
S2 vSphere DRS		Fully reserved guest CPU
S3 VMware Fault Tolerance		
S4 Virtual NUMA (vNUMA)		S1 S3 S2 S6
S5 Storage I/O Control		Fully reserved guest RAM
S6 vMotion		

NEW QUESTION 5
The customer has two sites that must operate independently of each other in the event of a WAN failure. During normal operations, administrators from each site must be able to manage the other site through the vSphere Web Client.
Which vCenter Server Appliance (VCSA) and Platform Services Controller (PSC) diagram shows the VMware-recommended design that satisfies these requirements?

A. Exhibit A
B. Exhibit B
C. Exhibit C
D. Exhibit D

Answer: D

Explanation:
https://www.opvizor.com/understanding-the-impacts-of-mixed-version-vcenter-server-deployments/

NEW QUESTION 6
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 7
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 8
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

R1	The design must provide sufficient capacity to current workloads with a 15% growth per year for three years.
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 desgin should contain administration costs by utilizing the exisitng support ticketing system.
R9	The design should use offsite storage of tape backups to maintain a remote copy to meet auditor requirements.

Classification

Functional

Non-Functional

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Requirements

R1	The design must provide sufficient capacity to current workloads with a 15% growth per year for three years.
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.
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R9	The design should use offsite storage of tape backups to maintain a remote copy to meet auditor requirements.

Classification

Functional — R3 R9, R4, R7, R8

Non-Functional — R1, R2, R5, R6

NEW QUESTION 9
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 10
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 15
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 16
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.)
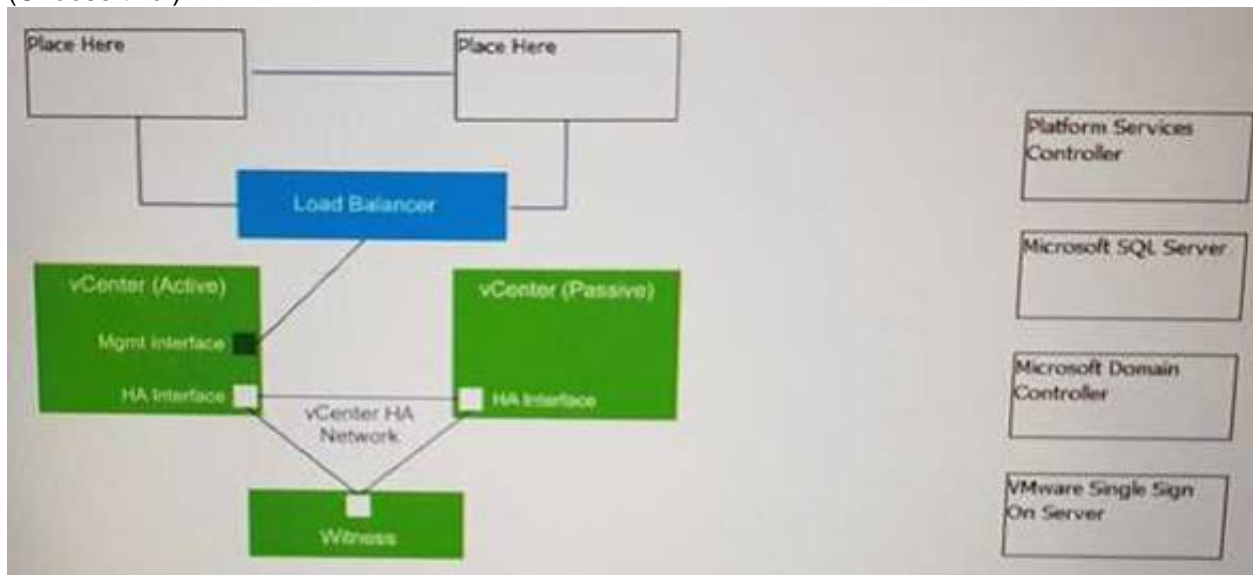
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Platform services controller

NEW QUESTION 21
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. Labotwn 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 Labtowns new Storage System Requirements
- Create a tiered storage system for Labtown - No single points of failure - Insure 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 stroage 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.
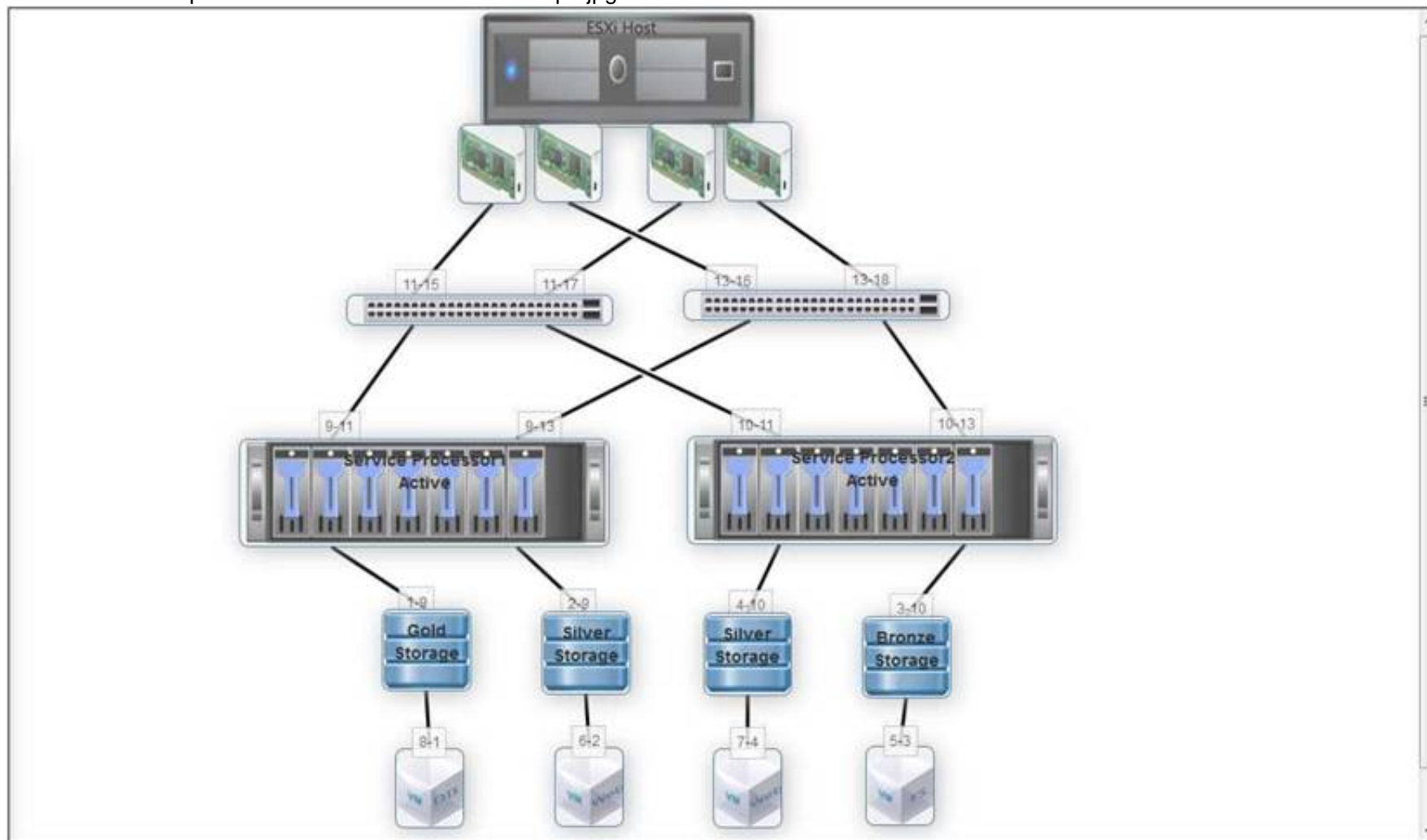
A. Mastered
B. Not Mastered

Answer: A

Explanation:

Check below for answer solution
C:\WORK\Cert Paper Exams\VMware\3V0-622\SIm9Aph.jpg

NEW QUESTION 25

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 externalOracle 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 samevSphere 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 30

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
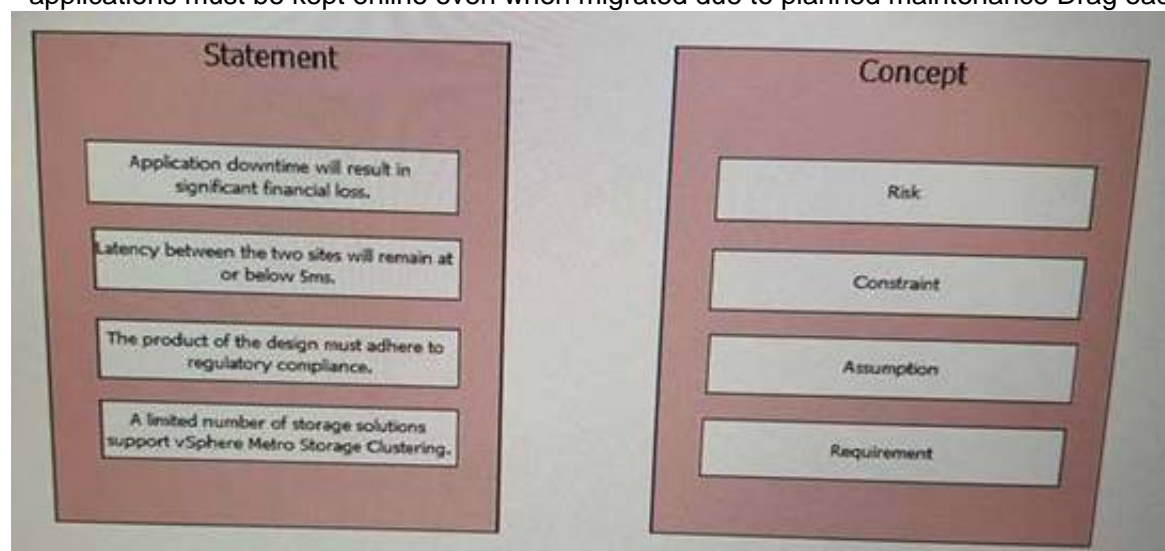
A. Mastered
B. Not Mastered

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 33
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 34
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 38
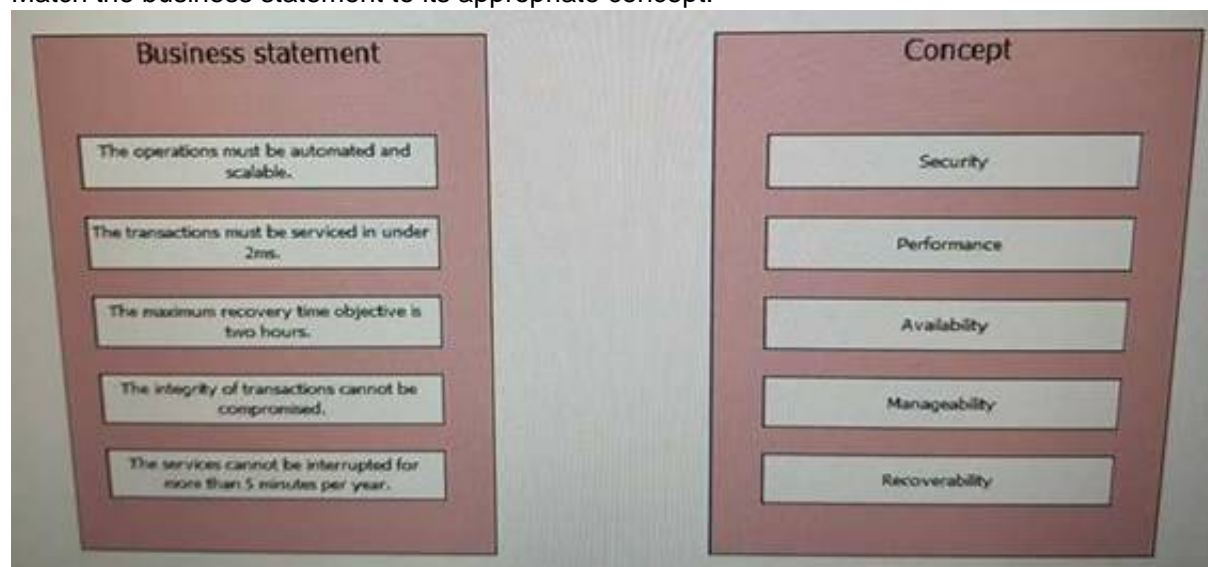A validation plan is used to do which of the following? (Select all that apply.)

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 42
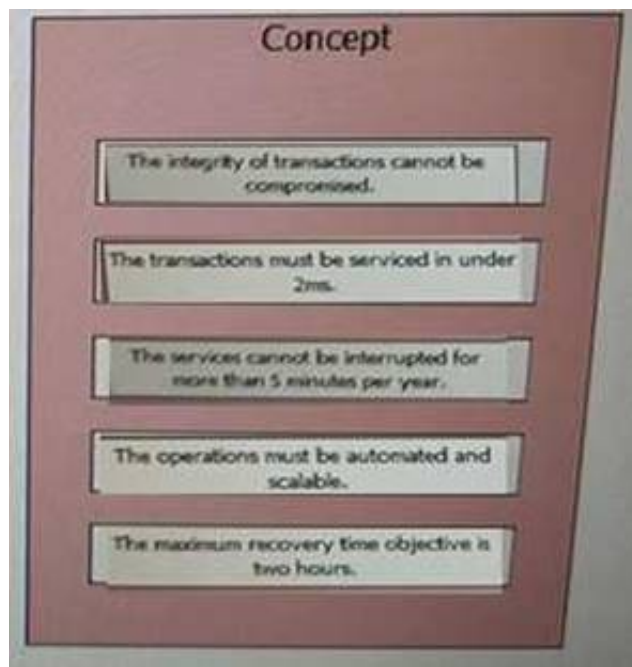Match the business statement to its appropriate concept.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 43
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.l
C. FCoE
D. iSCSI

Answer: B

NEW QUESTION 48
Sort the traffic by whether it can be encrypted natively by vSphere.
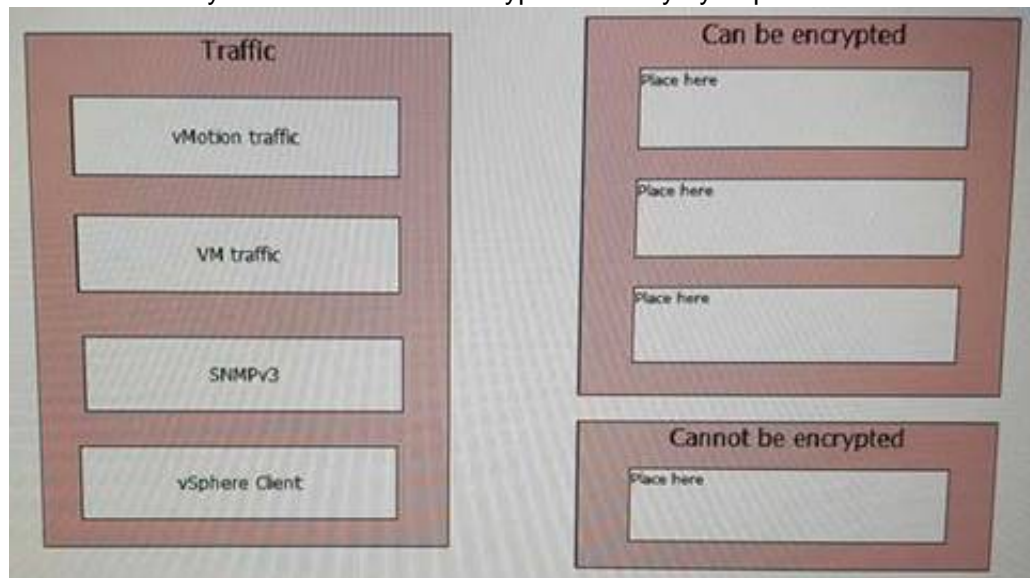
A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 50
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 54
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.
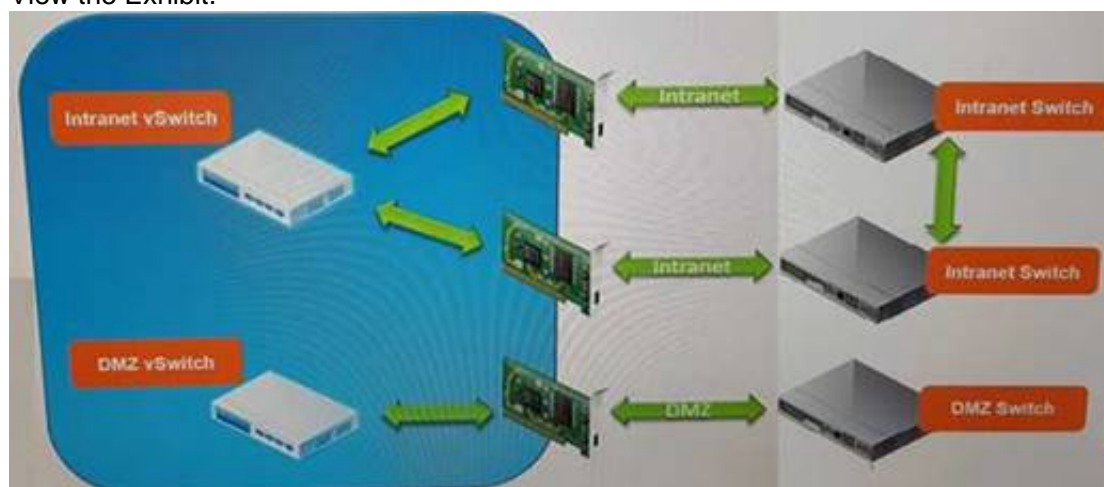• The ESXi host that contains this VM has 2 physical processors with 10 cores per processor, and 128GB of
RAM.
• This physical host's architecture is split into two equal NUMA nodes.
Which vCPU and RAM configuration for the VM allows for the most resources, but also provides the performance benefit of 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 56
Categorize the tools as providing either Availability or Recoverability.
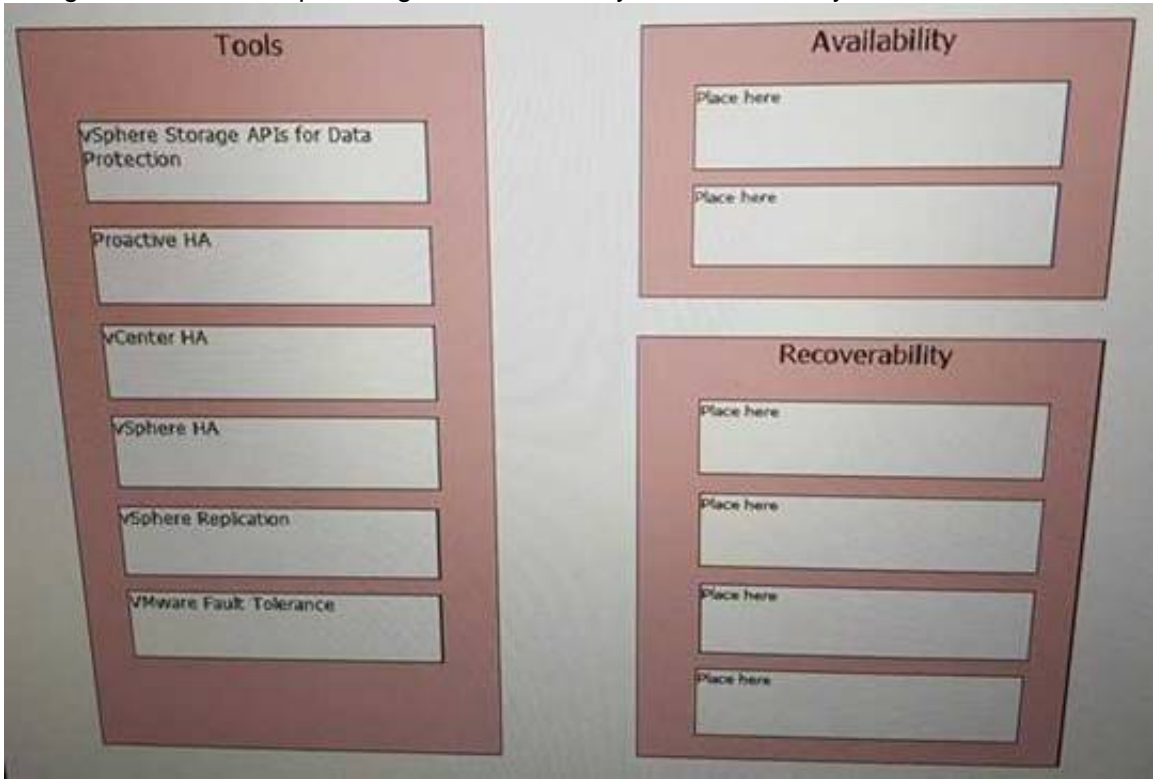
A. Mastered
B. Not Mastered

Answer: A

Explanation:
AvailabilityFTHARecoverabilityProactive HAvCenter HAvSphere ReplicationVADP

NEW QUESTION 59
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 63
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.
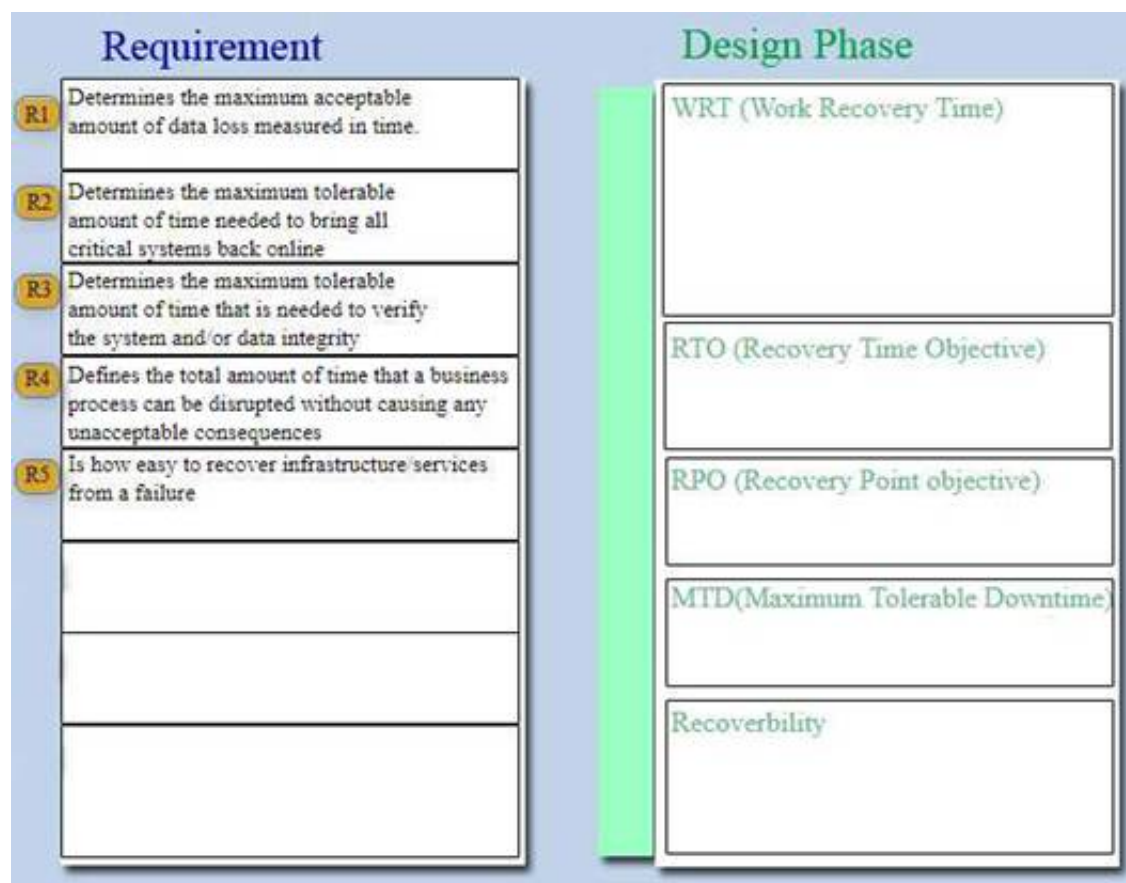
A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 67
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.
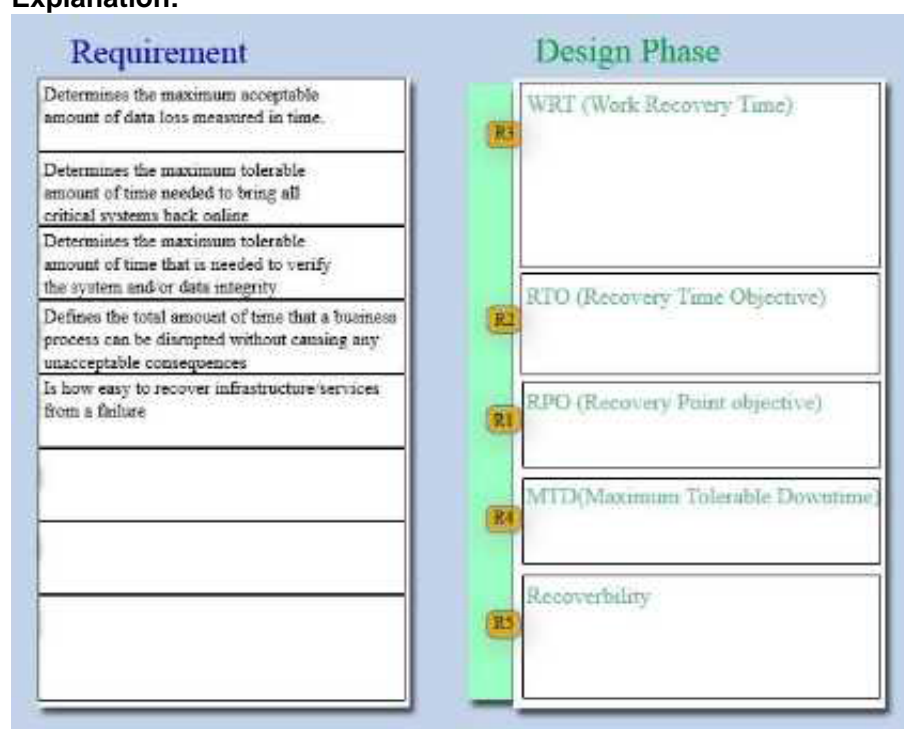C. Placing a 10 vCPU VM in Cluster B and configuring it with 2 Sockets and 5 Cores Per Socket will result in 2 vNUMA nodes.
D. Enabling Memory Hot Add on a virtual machine will disable vNUMA.
E. Placing the VM in Cluster B and configuring it with 5 Sockets and 2 Cores Per Socket will result in 1 vNUMA node.

Answer: ABC

NEW QUESTION 70
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		ESXi Host	
Storage Objects		2 Port Storage Processor	
Path Selection Policies		4 Port Storage Processor	
Connectors		2 Port HBA	
		4 Port HBA	
		iSCSI Switch	
		Fiber Channel Switch	

Hardware Objects		ESXi Host	
Storage Objects		**2 Port Storage Processor**	
Path Selection Policies		4 Port Storage Processor	
Connectors		2 Port HBA	
		4 Port HBA	
		iSCSI Switch	
		Fiber Channel Switch	

Hardware Objects		ESXi Host	
Storage Objects		2 Port Storage Processor	
Path Selection Policies		**4 Port Storage Processor**	
Connectors		2 Port HBA	
		4 Port HBA	
		iSCSI Switch	
		Fiber Channel Switch	

Hardware Objects		ESXi Host	
Storage Objects		2 Port Storage Processor	
Path Selection Policies		4 Port Storage Processor	
Connectors		**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

→

iSCSI

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

→

FC

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		Active/Passive Array	
Storage Objects	→	Active/Active Array	→
Path Selection Policies		**RAID 0 Datastore**	
Connectors		RAID 5 Datastore	
		RAID 10 Datastore	
		VVOL Datastore	

RAID0

Hardware Objects		Active/Passive Array	
Storage Objects	→	Active/Active Array	→
Path Selection Policies		RAID 0 Datastore	
Connectors		**RAID 5 Datastore**	
		RAID 10 Datastore	
		VVOL Datastore	

RAID5

Hardware Objects		Active/Passive Array	
Storage Objects	→	Active/Active Array	→
Path Selection Policies		RAID 0 Datastore	
Connectors		RAID 5 Datastore	
		RAID 10 Datastore	
		VVOL Datastore	

RAID10

Hardware Objects		Active/Passive Array	
Storage Objects	→	Active/Active Array	→
Path Selection Policies		RAID 0 Datastore	
Connectors		RAID 5 Datastore	
		RAID 10 Datastore	
		VVOL Datastore	

VVOL

Hardware Objects		**Fixed PSP**	
Storage Objects	→	Most Recently Used PSP	→ **FIXED**
Path Selection Policies		Round Robin PSP	
Connectors			

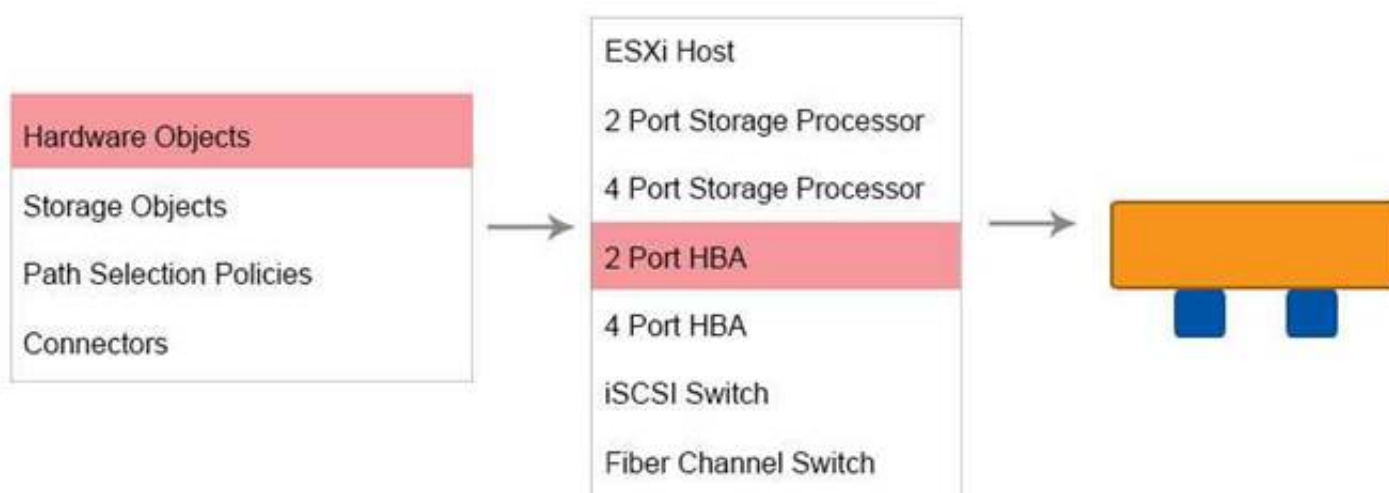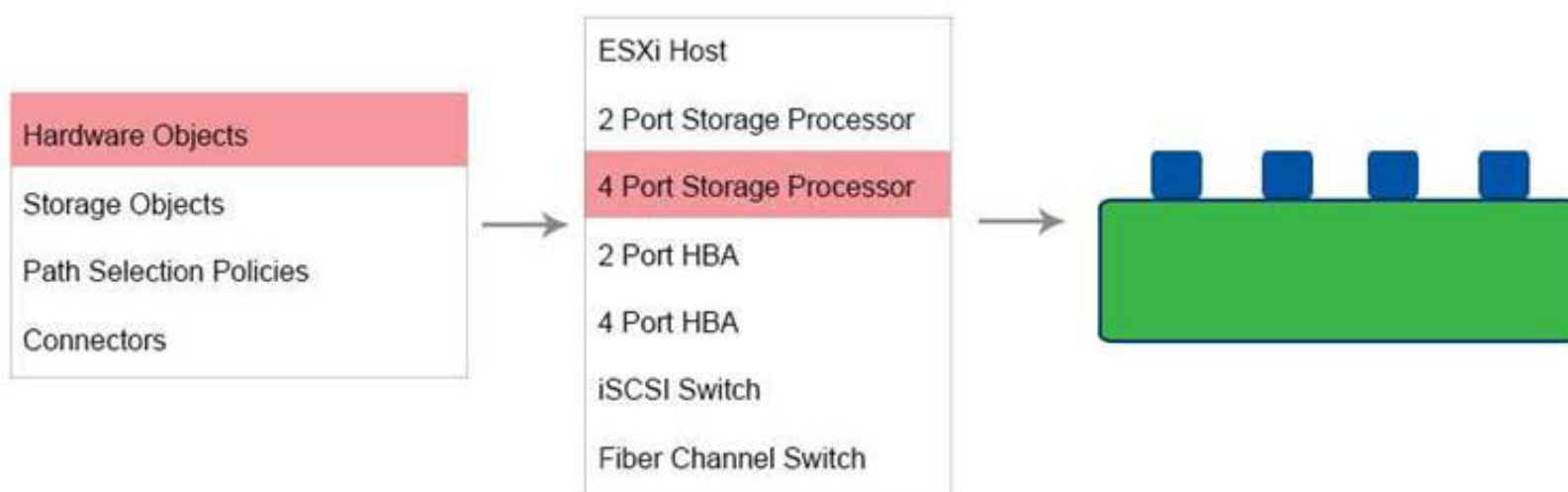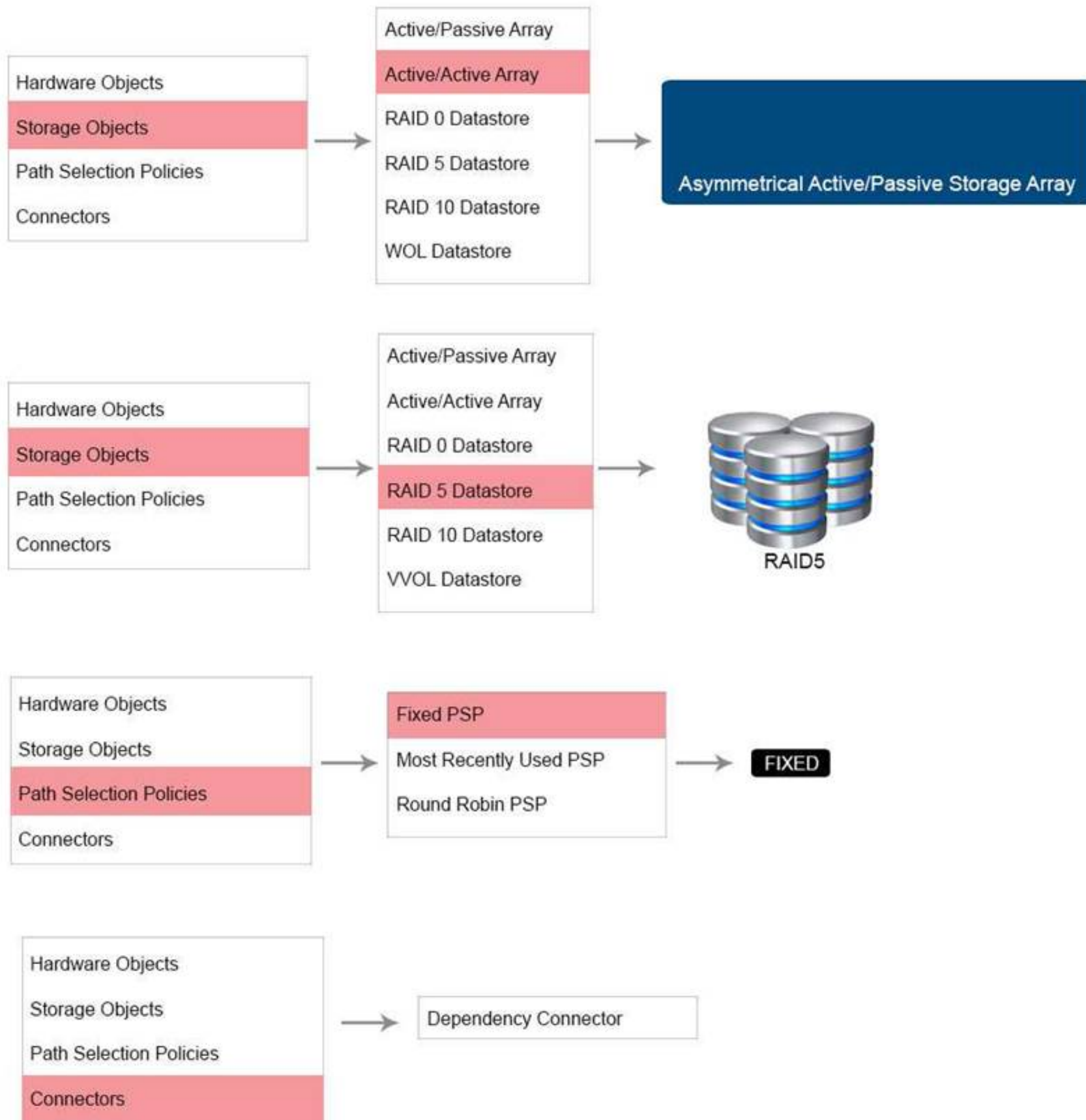| Hardware Objects		Fixed PSP	
Storage Objects	→	**Most Recently Used PSP**	→ **MRU**
Path Selection Policies		Round Robin PSP	
Connectors			

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Check below for answer solution

NEW QUESTION 71

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 74

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 additing 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 additing Network I/O Control to the design.	

NEW QUESTION 76
According to VMware-recommended best practices, on which cluster should each of the services be placed?
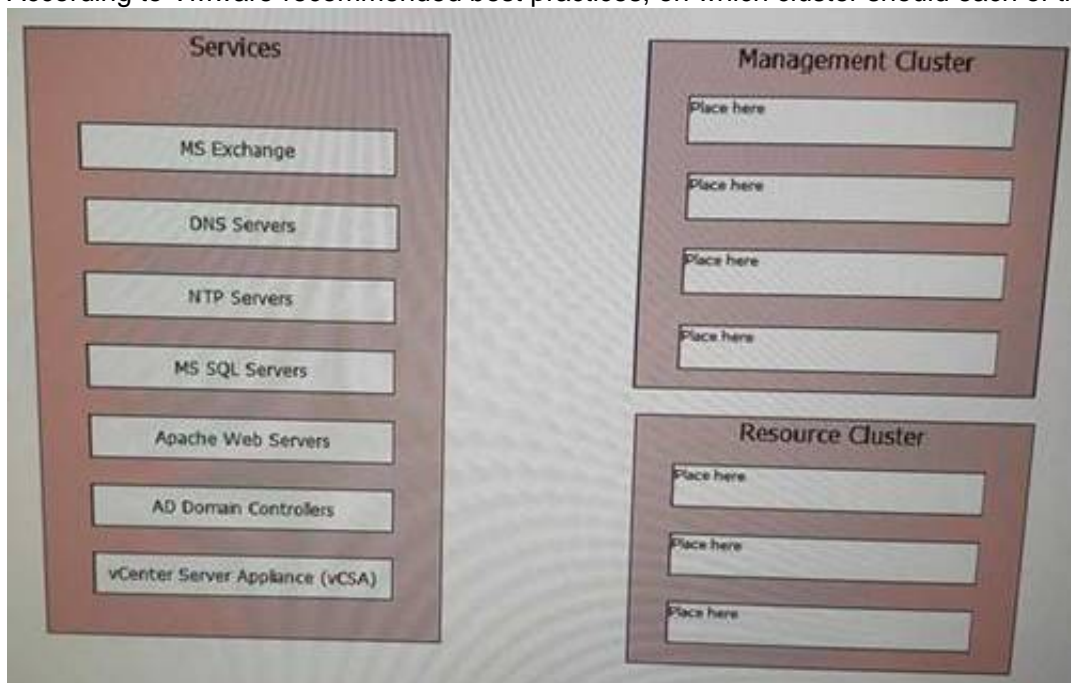
A. Mastered
B. Not Mastered

Answer: A

Explanation:
ManagementDNS ServersVCSAAD DomainNTP ServersResourceMS ExchangeMS SQLApache Web

NEW QUESTION 78
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 79
You have been tasked with creating a vSphere 6.5 data center design for an organization. During the key stakeholder and SME interviews. a set of goals, requirements, assumptions and constraints were identified. Evaluate each of the requirements, assumptions, and constraints (RAC) and determine which design characteristics apply.
Match each of the Requirements, Assumptions and Constraints by dragging the RAC buttons (R1-R5) over the text of the appropriate Design Characteristic.
NOTE: RACs may fit one or more of the Design Characteristics.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 80
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 84
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