3V0-624^{Q&As}

VMware Certified Advanced Professional 6.5 – Data Center Virtualization Design Exam

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QUESTION 1

A company wants to deploy a new application based on containers.

The application will be hosted on a dedicated cluster in order to guarantee resources and SLAs.

Storage, networking, and compute requirements will scale linearly with the amount of users on the application.

Hardware should be minimized to reduce complexity and vendor engagement but NOT allow single points of failure.

Shift from CAPEX spending to OPEX.

Lowering TCO is a priority.

Which solution fulfill all of the customer\'s requirements?

A. Deploy an ESXi cluster with NFS-based storage.

B. Deploy an ESXi cluster hyperconverged storage options.

C. Deploy an ESXi cluster with Fibre Channel storage

D. Deploy an ESXi cluster with iSCSi-based storage

Correct Answer: B

QUESTION 2

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.

Select and Place:

RAC		Design Characteristic
R1	All hosts per location are configured uniformly and all differences or changes are tracked.	Availability
R2	The implementation should be easily repeatable.	Manageability
R3	Deployment of system and services should be automated.	Performance
R4	The custom order processing system at the primary site must be kept running with no downtime.	Recoverability
R5	All production servers should be segregated.	Security

Correct Answer:

RAC		Design Characteristic		
R1	All hosts per location are configured uniformly and all differences or changes are tracked.	Availability	R3	R4
R2	The implementation should be easily repeatable.	Manageability	R5	
R3	Deployment of system and services should be automated.	Performance	R4	
R4	The custom order processing system at the primary site must be kept running with no downtime.	Recoverability	R2	
R5	All production servers should be segregated.	Security	R1	

QUESTION 3

A ompany Is in the piocess of deploying a modern video news-streaming application.

1.

The application is capable of scaling (expanding and collapsing) its streaming nodes in the form of virtual machines, based on demand.

2.

To host the application, the company decided to implement a new VMware cluster with vSphere 6.5.

3.

The company wants to understand Network-Aware DRS and its ability to enhance the streaming application performance. How can Network-Aware DRS help in this scenario?

A. Network-Aware DRS is a new low-level feature that will work in the background with very limited visibility to the administrator.

B. Network-Aware DRS will only make sure that the host has sufficient network resources along with compute resources required by the virtual machine.

C. Network-Aware DRS will display the host network load distribution under the Manage Tab in the vSphere Web Client.

D. Network-Aware DRS will balance network load the same way as it manages the CPU and memory load.

Correct Answer: D

QUESTION 4

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

Correct Answer: BC

One HBA is a single point of failure and therefore a risk.Using this hardware configuration is a constraint (which although might also be a non-functional requirement

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QUESTION 5

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

A. Aggregate CPU and memory requirements

B. Future growth

C. Number of vCPUs to be hosted per box

D. All of the above

Correct Answer: D