VMware
3V0-21.23
VMware vSphere 8.x Advanced Design

For More Information – Visit link below:
https://www.examsempire.com/

Product Version

1. **Up to Date products, reliable and verified.**
2. **Questions and Answers in PDF Format.**

Latest Version: 6.1

Question: 1

An architect is designing a new hosting platform for a healthcare provider with proposed locations in three regional areas.
The following set of requirements have been provided by key stakeholders:
• REQ001- The hosting platform must support long distance vMotion between the primary and secondary site.
• REQ002 - The minimum RTT (round-trip time) latency between the primary site and the secondary site must be less than 150 milliseconds.
• REQ003 - The hosting platform must be manageable from assets located in the third site.
• REQ004 - Each location must scale to support a minimum of 35TB storage.
Which requirement would be class1fled as a technical (formerly non-functional} requirement for the new hosting platform?

A. Each location must scale to support a minimum of 3STB storage.
B. The hosting platform must be manageable from assets located in the third site.
C. The maximum RTT (round-trip time) latency between the primary and secondary site must be less than 150 milliseconds.
D. The hosting platform must support long distance vMotion between the primary and secondary site.

Answer: C

Question: 2

An architect is responsible for designing a vSphere based solution for a customer. The customer has the following requirements:
• The solution must provide redundancy and load balancing for storage traffic
• The solution must tolerate at least one failure
• There must be no single point of failure In the solution
Wh1ch three cons1derat1ons regarding phys1cal host design should the architect analyze when making storage related des1gn dec1s1ons? (Choose three.)

A. Configure the fixed multi-pathing policy on the ESXi hosts
B. Configure a minimum of four paths to every LUN or datastore
C. Configure a minimum of two paths to every LUN or datastore
D. Use four single port storage host bus adapters (HBAs) in each ESXI host
E. Use one quad- port storage host bus adapter (HBA) in each ESXI host
F. Use an active-active array for Fibre Channel storage-based VMFS datastores

Answer: B,C,F

Question: 3

An architect is designing a new vSphere 8 environment and needs to plan the migration of virtual machines from the source vSphere 7 infrastructure.
The following has been captured about the source infrastructure and project:
• All virtual machines operate supported versions of Microsoft Windows
• All virtual machmes have VMware Tools 11 or higher installed
• vCenter Enhanced Lmked Mode is configured
• VMware PowerCUI available m the environment
• No budget IS available for discovery tooling
The arch1tect must capture and review active services from inside running virtual machines to inform the migration design.
Conceding the mformat1on avatlable, which method can the architect use to acquire the information required?

A. Request and review the information via VMware vCenter
B. Request and review the information via VMware Tools and VMware PowerCLI
C. Deploy and review the service information from VMware Aria Operations
D. Deploy and review the service information from VMware Aria Operations for Applications

Answer: B

Question: 4

An architect is reviewing the information provided by a customer for a new vSphere solution design. The customer has stated that some of the virtual machines (VMs) that will be hosted on the new solution handle credit card information from their users as part of an online payment application, and that some of the information will need to be stored temporarily to allow transactions to be completed. Therefore the solution must be designed to be able to mask or hash the stored information as they will need to show compliance against common industry standards that contain references to the requirements for handling sensitive Information.
Which design quality IS being requested by the customer?

A. Recoverabihty
B. Performance
C. Manageability
D. Security

Answer: D

Question: 5

An architect is designing a new vSphere solution. The following Information has been gathered during the design workshops w1th the customer:
• The solution will be deployed into two availability zones (AZs)
• The solution will be configured as a single stretched duster with shared storage across the two AZs
• Production and Development workloads will run across both AZs
• The cluster is configured as N+ 1
The architect needs to ensure that, 10 the event of a host failure during maintenance of another host 1n the cluster, only the Production workloads are recovered.
What should the arch1tect include 10 the design to meet this requirement?

A. • Configure vSphere HA Host Failure Response to Restart VMs
• Set the duster default Restart VM Restart Priority to Highest
B. • Configure vSphere HA VM Monitoring to VM Monitoring only
• Set the VM monitoring sensitivity to Preset of High
C. • Configure vSphere HA Host Failure Response to Restart VMs
• Set the Development VMs to Disabled as the Restart Priority
D. • Configure vSphere HA VM Monitoring to VM and Application Monitoring
• Set the VM Monitoring sensitivity to Custom

Answer: C

Question: 6

A company has a requirement that all production applications must have a maximum tolerable downtime (MTD) of one hour per month.
Which statement would be included in the physical design to support this requirement?

A. vSphere Fault Tolerance (FT) will not be enabled for the production applications.
B. vSphere HA will be enabled on all clusters.
C. vSphere HA Host Failure Response will be set to Restart VMs.
D. Server hardware has already been purchased for the production applications.

Answer: B

Question: 7

An architect is designing a backup solution.
Which two statements should be included in the logical design for this solution? (Choose two.)

A. The database must be backed up every day during the maintenance window of 1:00AM and 3:00AM.
B. The network that will be used for backups will be configured to use VLAN ID 1511.
C. The bkp-nfs-01 datastore will be used for backups.
D. The database will be backed up using an API-based backup solution.
E. The company's existing backup solution will be unsupported by the third-party vendor in six months.

Answer: A,D

Question: 8

An architect is designing the datastore configuration of a new vSphere based solution.
The following information was obtained during the initial meeting with the customer:
• There is currently 500 production and DMZ Virtual machine workloads spread evenly across the primary and secondary site.
• The profile of the workloads (per site) 1s as follows:
o DMZ:
• 75 x Small: 1 vCPU, 2GB RAM, 200 GB disk
o Production:
• SOx Small: 1 vCPU, 2GB RAM, 200GB d1sk
• 100 x Medium 2 vCPU, 4GB RAM, 200GB disk
• 25 x Large: 4 vCPU, 8 GB RAM, 500 GB d1sk
• The average IO Profile per workload is 70/30 read/write.
• The solution should cater to 10% storage growth in the first year.
• The solution should cater to 15% virtual machine snapshot overhead.
• The storage team has confirmed:
o A scalable external storage array has been deployed per site to support the storage requirements.
o The storage array w1ll connect to all hosts using a dedicated Fibre Channel storage area network fabric.
o Usable storage capacity IS available in 10 TB LUNs.
o As many LUNs as required can be provided.
o Every effort should be made to ensure the number of required LUNs is minimized.
• The security team has stated that all DMZ and production Workloads must! remain logically isolated from each other.
Given the information provided, which three design decisions should the architect make to meet the requirements? (Choose three.)

A. Four 10TB VMFS datastores will be configured on each site for all production workloads.
B. Each 10TB LUN will be configured as a VMFS datastore.
C. Each 10TB LUN will be configured as an NFS datastore.
D. Two 10TB VMFS datastores will be configured on each site for all DMZ workloads.
E. Seven 10TB VMFS datastores will be configured on each site for all workloads.
F. Six 10TB VMFS datastores will be configured on each site for all production workloads.

Answer: B,D,F

Question: 9

An architect has made the following assumptions:
• The customer will provide licensing for the vSphere platform.

• The storage hardware has suffkient capacity for future workload scale.
• The data center offers sufficient power, cooling and rack space for workload scale.
Which two Risks must be documented in the design document in response to these assumptions? (Choose two.)

A. The assumptions must be approved by the customer, architect and the architect's company.
B. The licenses provided by the customer only have support entitlement for one year.
C. The customer may not have an existing licensing subscription that covers features the architect Intends to use.
D. The customer may not have sufficient data center cooling, power, and physical rack space available.
E. The storage may not have capacity to accommodate 20% year over year virtual machine growth.

Answer: B,C

Question: 10

An architect is tasked with devising a vSphere design strategy that will allow the company to quickly scale global data center functionality when a new location is identified.
The following requirements must be met:
• The solution must Include VMware licensing costs.
• The design must keep data locally to each specific location.
• The design must utilize current company processes around vSphere.
• Any new globallocaoon must be functional within one month of identification.
Which design strategy will meet these requirements?

A. Purchase new hardware and deploy VMware Cloud Foundation when a new location is identified.
B. Locate a partner that has a data center presence in major global locations that can deploy compatible company architecture.
C. Select partners in each Identified location in anticipation of the scale events.
D. Plan specific locations throughout the world and build data centers in anticipation of the scale events.

Answer: B

Thank You for Trying Our Product

Special 16 USD Discount Coupon: NSZUBG3X

Email: support@examsempire.com

Check our Customer Testimonials and ratings available on every product page.

Visit our website.

https://examsempire.com/