VMware
3V0-21.25

Advanced VMware Cloud Foundation 9.0 Automation

Exams Boost
Boost Up Your Career

For More Information – Visit link below:

https://www.examsboost.com/

Product Version

✓ Up to Date products, reliable and verified.
✓ Questions and Answers in PDF Format.

Latest Version: 6.0

Question: 1

An architect is redesigning a storage environment to provide simplified management of a VMware environment. The administrators have expressed the need to provision storage and apply a custom set of array features granularly to virtual machines. They will re-use their existing shared storage platform as it does support all modern VMware storage integrations.
Which two technologies or features are needed to support the requirements of this project?
(Choose two.)

A. vStorage APIs for Storage Awareness (VASA)
B. vSphere Virtual Volumes (vVols)
C. Datastore Clusters
D. vSphere Storage DRS
E. Raw Device Mappings (RDMs)

Answer: A,B

Question: 2

An application owner is concerned about their front-end web servers suffering an outage in the event of a host failure. Which functional requirement could the architect include in the application design to mitigate this concern?

A. The platform must include configuration rules to separate the web servers.
B. The platform must include configuration rules to restart the web servers upon host failure.
C. The platform must be configured with resource scheduling in fully automated mode.
D. The platform must include configuration rules to reset the web servers when guest heartbeats are not received.

Answer: A

Question: 3

An architect is designing a new vSphere environment to meet the following requirements:
- REQ01 The platform must provide a minimum of N+1 redundancy.
- REQ02 The recovery point objective (RPO) for all virtual machines within the environment is one hour.
- REQ03 The production environment must be deployed into the primary data center.
- REQ04 The design must adhere to the company security standards, which include Payment Card Industry (PCI) Data Security Standard compliance.

- REQ05 The platform must be capable of running 1,000 virtual machines across both data centers concurrently.
Which two of the listed requirements would be classified as functional requirements?
(Choose two.)

A. The platform must provide a minimum of N+1 redundancy.
B. The recovery point objective (RPO) for all virtual machines within the environment is one hour.
C. The production environment must be deployed into the primary data center.
D. The design must adhere to the company security standards, which include Payment Card Industry (PCI) Data Security Standard compliance.
E. The platform must be capable of running 1,000 virtual machines across both data centers concurrently.

Answer: C,E

Question: 4

An organization operates a vSphere platform that supports three tiers of virtual machines: Tier 1- for all business-critical applications and services, Tier 2- for line of business services, and Tier 3- for test and development virtual machines.
The vSphere platform operates from three sites, named A, B and C; and virtual machines from all tiers run at each location. The operations manager wants to improve services so that the vSphere platform operates with virtual machines running on any site.
The Chief Executive Officer (CEO) requests that the architect redesign the disaster recovery (DR) solution to meet the goals of the operations manager and notes that site A should not be considered as there are plans to redevelop it as office space.
Which requirement should the architect include in the design to meet the goals of both the operations manager and the CEO?

A. DR must be configured as Active/Passive between sites A and B. Tier 1, 2 and 3 virtual machines must be operated from site A.
B. DR must be configured as Active/Active between sites A, B and C. Tier 1, 2 and 3 virtual machines must be capable of running at any site.
C. DR must be configured as Active/Passive between sites B and C. Tier 1, 2 and 3 virtual machines must be operated from site B.
D. DR must be configured as Active/Active between sites B and C. Tier 1, 2 and 3 virtual machines must be capable of running at any site.

Answer: D

Question: 5

An architect is designing a new platform. Existing virtual machines will be migrated to this platform. The migration process is defined as follows:

- A migration host will be loaded with virtual machines from the old platform.
- The migration host will be added to the desired new cluster.
- Virtual machines compute and storage will be migrated to desired hosts in the new platform.
- The migration host will be removed and added back to the old platform so the process can restart.
The following characteristics are noted:
- A total of 800 virtual machines will be migrated.
- A total of 50 hosts will be available in the new platform.
- The migration host will have four paths to each of 512 connected LUNs.
Which size vCenter Server should be specified for the new platform?

A. Large
B. Small
C. Medium
D. Tiny

Answer: A

Question: 6

An architect is designing a solution for an environment with a limited number of operating system licenses. How should the architect design the virtual infrastructure to meet the operating system license requirements?

A. Place the hosts into a single cluster and enable automated placement of virtual machines.
B. Create rules to restrict placement of virtual machines to specified hosts.
C. Create a resource pool and only put the virtual machines that need the operating system licenses within the pool.
D. Use standalone ESXi hosts and only apply the operating system licenses to those hosts.

Answer: B

Question: 7

An architect is assigned to report available capacity of a vSphere platform and is provided with the following:
- Read-only access to the platform's virtualization monitoring tool
- Full access to an internally developed and manually updated Configuration Management Database (CMDB) tool
- Access to a document repository containing the go-live design documentation for each application
- Links to vendor best practice documentation for many of the deployed applications
- Access to the company wide in-guest monitoring tool
Information extracted from which two sources will accurately provide the required information? (Choose two.)

A. Virtualization monitoring tools
B. Application virtual machine design documents
C. In-guest monitoring tools
D. Application vendor best practice documentation
E. Support organizations Configuration Management Database (CMDB)

Answer: A,C

Question: 8

The DevOps team at an organization is preparing to build and package virtual machine (VM) images that will be added to a content library for a new vSphere environment. Users will deploy virtual machines from the content library.
The solutions architect is gathering requirements to help the DevOps team decide between the use of VM templates versus Open Virtualization Format (OVF) templates in the content library.
Which requirement would influence the design decision to use OVF templates in the content library?

A. Templates must be able to support license agreement acceptance during deployment.
B. Templates must be encrypted.
C. vSphere Storage DRS must be supported.
D. Templates must be automatically migrated to another ESXi host when a host is inaccessible.

Answer: A

Question: 9

An architect is designing a solution for an environment that has an application consisting of five resource-intensive virtual machines. Which design recommendation should the architect make to avoid resource bottlenecks?

A. Create a cluster with three hosts and only run the application virtual machines on this cluster.
B. Create a cluster with six hosts and use automated placement rules to keep the application virtual machines together.
C. Create a cluster with six hosts and use automated placement rules to keep the application virtual machines apart.
D. Create a cluster with four hosts and use rules to prioritize the resources for the application virtual machines.

Answer: C

Question: 10

An architect is tasked with designing the vSphere cluster layout for a customer. The customer is NOT sure how many clusters are required or the number of hosts to use in any of the clusters. The customer has provided the following requirements:
- The placement of Linux and Windows machines (end user virtual machines) needs to be controlled for license compliance.
- Access to virtual machines such as Active Directory and DHCP (infrastructure virtual machines) should be restricted to just the platform administration team.
- Infrastructure virtual machines should not prevent end user virtual machines from consuming their allocated resources.
- Utilization for the current infrastructure's virtual machines is less than end user virtual machines.
- The platform needs to provide the ability to lifecycle manage the hosts without impacting end user virtual machines.
- The platform needs to account for the predicted future growth of end user virtual machines being very high, while for infrastructure virtual machines being very low.
- There are a total of 15 physical servers for use across the platform.
Which of the proposed cluster layouts would meet the customer's requirements?

A. One vSphere cluster of 12 hosts for Linux and Windows virtual machines and one vSphere cluster of three hosts for infrastructure virtual machines.
B. One vSphere cluster of six hosts for Linux virtual machines, one vSphere cluster of six hosts for Windows virtual machines and one vSphere cluster of three hosts for infrastructure virtual machines.
C. One vSphere cluster of 15 hosts for all virtual machines with resource controls to give higher priority to end user virtual machines.
D. One vSphere cluster of five hosts for Linux virtual machines, one vSphere cluster of five hosts for Windows virtual machines and one vSphere cluster of five hosts for infrastructure virtual machines.

Answer: B

Thank You for Trying Our Product

For More Information – **Visit link below:**

https://www.examsboost.com/

15 USD Discount Coupon Code:

G74JA8UF

FEATURES

- ✓ **90 Days Free Updates**

- ✓ **Money Back Pass Guarantee**

- ✓ **Instant Download or Email Attachment**

- ✓ **24/7 Live Chat Support**

- ✓ **PDF file could be used at any Platform**

- ✓ **50,000 Happy Customer**