

VMware

Exam Questions 2V0-13.25

VMware Cloud Foundation 9.0 Architect



NEW QUESTION 1

A cloud architect is designing a VMware Cloud Foundation (VCF) Automation solution for an organization. The design must fulfill the following requirements:

- ? The design must minimize provider infrastructure lifecycle tasks.
- ? The design must minimize infrastructure management overhead.
- ? Each tenant must have isolated compute infrastructure.

Which of the following deployment models best meets these requirements?

- A. Single VCF instance with dedicated Workload Domains per tenant
- B. Consolidated VCF deployment per tenant
- C. Dedicated VCF instances per tenant in a Standard Architecture
- D. Shared Workload Domain for tenants

Answer: A

NEW QUESTION 2

An architect is designing a VMware Cloud Foundation (VCF) solution for a customer. During the discovery phase, the customer outlined the following availability requirements:

- ? Business-critical workloads: RPO = 2 hours
- ? Infrastructure components: RTO = 8 hours

Based on this context, what does the RTO metric represent?

- A. The maximum allowable time within which a system or service must be restored to a usable state
- B. The maximum amount of data loss that is considered acceptable during a failure
- C. The minimum volume of data loss tolerated in the event of a disruption
- D. The minimum acceptable duration required to recover a service to an operational state

Answer: A

NEW QUESTION 3

During an initial design workshop with stakeholders, the architect was provided with an overview of the current state and other information required to proceed to the design phase.

The architect has assumed that the solution will need to support high availability for workloads.

Given the assumption, which statement should the architect document as a risk?

- A. The solution supports the separation of management components from production workloads.
- B. BGP is the dynamic routing protocol on the physical fabric and cannot be changed.
- C. The solution supports a recovery point objective (RPO) of 24 hours for infrastructure components.
- D. The entire infrastructure is hosted on a single physical site.

Answer: D

NEW QUESTION 4

As a part of designing the VMware Cloud Foundation (VCF) Operations deployment, the architect must ensure that VCF Operations is capable of monitoring the customer's infrastructure made up of a central datacenter and multiple remote sites in different countries.

During a design workshop, the following requirements were identified:

- ? REQ001: Corporate IT users must be able to review performance, alerts, and capacity details from a single management point.
- ? REQ002: The monitoring solution must support local data collection at remote sites to prevent data loss from unstable WAN connections.
- ? REQ003: The monitoring solution must comply with local data sovereignty regulations.

Which deployment model fulfills all design requirements?

- A. Single VCF fleet with Cloud Proxies in each remote site
- B. Each remote site will be its own VCF fleet.
- C. All remote sites will be a single VCF fleet.
- D. A single fleet with multiple VCF instances

Answer: A

NEW QUESTION 5

An architect is responsible for designing a new VMware Cloud Foundation (VCF)-based private cloud. During the discovery workshops, the following information was captured from key customer stakeholders:

- ? The private cloud will operate with three different monitoring levels: Approved infrastructure applications include: Microsoft IIS, SQL Server, MySQL, PostgreSQL, Tomcat Server, and Apache HTTPD

Each workload must subscribe to a monitoring level

Minimal management overhead is required for agent operations

Which two design decisions should the architect make to meet the stated monitoring requirements? (Choose two.)

- A. Configure the Service Discovery for all workloads that subscribe to the Self-Managed service
- B. Deploy the Managed Telegraf Agent for all workloads that subscribe to the Fully Managed service
- C. Deploy the Managed Telegraf Agent for all workloads that subscribe to the OS Managed service
- D. Deploy the Managed Telegraf Agent for all workloads that subscribe to the Self-Managed service
- E. Deploy the Open Source Telegraf Agent for all workloads that subscribe to the Fully Managed service

Answer: BC

NEW QUESTION 6

As part of a design for a VMware Cloud Foundation (VCF) solution, an architect has documented the following dependencies and constraints:

? CONSO01 - Internet access will not be permitted from anywhere within the VCF solution.
? CONS002 - The password must not be stored in plain text anywhere within the VCF solution.
? DEP001 - The customer must make the required VCF binaries accessible to the VCF Installer appliance during the deployment phase.
Which design decision should the architect include in the design for the download of the VCF binaries?

- A. The VCF Installer appliance will be configured to connect to an online depot.
- B. The VCF Installer appliance will be configured to connect to an offline depot.
- C. The Bundle Transfer Utility will be used on the VCF Installer appliance.
- D. The VCF Download Tool will be used on the VCF Installer appliance.

Answer: B

NEW QUESTION 7

Constraint: Existing stretched cluster model must be used. Requirement: Minimize management infrastructure downtime. Which Supervisor deployment model supports the design?

- A. Three Management Zone Supervisor deployment with HA control plane
- B. Single Management Zone Supervisor deployment with HA control plane
- C. Three Management Zone deployment with Simple Availability control plane
- D. Single Management Zone Supervisor deployment with Simple Availability control plane

Answer: B

NEW QUESTION 8

Which four component areas are provided by a VMware Kubernetes Service (VKS) cluster?

- A. Identity federation, persistent logging, firewall services, and monitoring.
- B. Authentication, external storage, virtual machine networking, and DNS services.
- C. Authorization, backup services, VLAN segmentation, and DHCP.
- D. Authentication and authorization, storage integration, pod networking, and load balancing.

Answer: D

NEW QUESTION 9

During a requirements gathering workshop, several business and technical requirements were captured from the customer. Which requirement will be classified as a Business Requirement?

- A. The solution must provide the best end-user experience.
- B. The solution must allow the migration of legacy server infrastructure.
- C. The solution must consider security and resiliency to ensure business continuity.
- D. The solution must provide a component-level SLA of 99.9% or higher.

Answer: A

NEW QUESTION 10

An organization is designing a VMware Cloud Foundation (VCF) solution hosting a business-critical database. The application owners specified the following requirements:

- All workload domains will use vSAN for storage.
- A maximum acceptable data loss of 5 minutes (Recovery Point Objective (RPO) 5 minutes).
- An automated failover in case of a site outage where Recovery Time Objective (RTO) should not exceed 30 minutes.
- The performance impact should be minimized.

Which design approach aligns with the application's requirement?

- A. Configure backup-based recovery with backup jobs scheduler set to every 30 minutes.
- B. Use asynchronous replication with snapshots taken every 30 minutes to reduce storage impact.
- C. Use vSAN stretched cluster.
- D. Use synchronous replication on the storage array level.

Answer: C

NEW QUESTION 10

An architect is responsible for designing a new VMware Cloud Foundation (VCF)-based Private Cloud solution. During the requirements gathering workshop with key customer stakeholders, the following information was captured:

- In the event of a disaster affecting the primary site, all tier 1 production services must be restored to the secondary site within 1 hour.
- In the event of a disaster affecting the primary site, all tier 3 production services must be restored to the secondary site within 8 hours.

- A. Recoverability
- B. Availability
- C. Performance
- D. Manageability

Answer: A

NEW QUESTION 11

Requirement: Ensure all management components are redundant at the component level.
Which design quality should classify this requirement?

- A. Performance
- B. Manageability
- C. Availability
- D. Recoverability

Answer: C

NEW QUESTION 12

As part of the VMware Cloud Foundation (VCF) logical design, the architect has determined that the VCF Private Cloud will encompass multiple VCF instances contained within a single VCF Fleet. The architect documented the following requirements when using VCF Operations:

? Monitoring downtime must be minimized.

? Alerting downtime must be minimized.

Which design decision supports these requirements?

- A. Deploy two VCF Operations instances and configure the Aggregator Management Pack.
- B. Deploy VCF Operations using the Simple model with Collector nodes at remote sites.
- C. Deploy VCF Operations using the High Availability model with Collector nodes at remote sites.
- D. Deploy a single VCF Operations instance across a multi-VCF instance fleet.

Answer: C

NEW QUESTION 15

Discovery: Multiple business units (some from acquisitions) with separate AD instances. Each unit operates independently and requires dedicated development environments.

Requirement: Provide self-service provisioning through VCF Automation. Which two design decisions should be included? (Choose two.)

- A. All tenants will be configured to use the corporate AD instance for authentication.
- B. All tenants will be configured to use their dedicated AD instance for authentication.
- C. A VCF Automation tenant will be created for each business unit.
- D. A VCF Automation project will be created for each business unit.
- E. All projects will be configured to use their dedicated AD instance for authentication.

Answer: BC

NEW QUESTION 20

A VMware Cloud Foundation (VCF) architect is planning for the expansion of an existing VCF instance.

The existing VCF instance is deployed with a single workload domain. The number of ESXi hosts has grown to the maximum number the existing vCenter can support.

Which design decision would the architect need to make to allow the existing VCF Instance to add more ESXi hosts?

- A. Deploy a second vCenter server appliance within the existing workload domain
- B. Deploy a second workload domain within the existing VCF Instance
- C. Deploy a second cluster within the existing vCenter
- D. Deploy a second VCF Instance within the existing VCF Fleet

Answer: B

NEW QUESTION 21

A large financial institution is designing a VMware Cloud Foundation (VCF) solution. During initial discovery meetings:

- Management of the physical network is outsourced.
- VMware team cannot reconfigure the physical network.
- Environment uses Link Aggregation. How does this impact design?

- A. NIC teaming for Virtual Standard Switch (vSS) must be configured.
- B. LACP fallback must be configured.
- C. Link Aggregation cannot be used for Workload Domains.
- D. Link Aggregation cannot be used in the Management Domain.

Answer: B

NEW QUESTION 24

An architect is tasked with designing a new VMware Cloud Foundation (VCF) solution. During workshops with the customer, the following requirements were captured:

- REQ01: The solution must provide a self-service catalog.
- REQ02: The solution must support the segregation of the Development and Production resources (networks, virtual machines, users).

When documenting the design decisions, which statement should the architect include in order to help meet these requirements?

- A. VCF Automation does not support the use of multiple Active Directory domains.
- B. Separate workload domains must be configured to provide segregation between the Development and Production environments.
- C. VCF Automation will be configured with separate service catalog instances for Development and Production.
- D. VCF Automation will be configured with separate organizations for Development and Production.

Answer: D

NEW QUESTION 26

An architect is designing a new VMware Cloud Foundation (VCF) solution. They are meeting with the key stakeholders and subject matter experts (SMEs) for the first time as part of the requirements gathering process. The following information has been shared with the architect prior to the meeting:

? Names and job titles of the attendees
? Project timelines and budget
What step should the architect perform as part of this initial requirements gathering workshop?

- A. Open the meeting with a diagram of the VCF topology that must meet the customer requirements in order to start a discussion.
- B. Ask questions to agree on the key product features the SMEs want from the design.
- C. Open the meeting with a list of the VCF design decisions from the public documentation to agree on any required changes.
- D. Ask questions to start a discussion on the business objectives and desired outcomes.

Answer: D

NEW QUESTION 29

An architect is designing for a greenfield VMware Cloud Foundation (VCF) solution. This would be the first VCF Fleet in the VCF solution, and the customer would like to start with a minimal footprint with the option to scale up and out later.
Which VCF Operations deployment model should the architect choose?

- A. Advanced
- B. High Availability
- C. Simple
- D. Standard

Answer: C

NEW QUESTION 33

An architect is expanding an existing private cloud infrastructure based on VMware Cloud Foundation (VCF). The requirement is to deploy two additional instances of VCF at two separate datacenters within the existing private cloud with minimal additional footprint.

- Datacenter A is 90 miles from the existing VCF fleet instance with a network round trip time of 90ms.
- Datacenter B is 120 miles from the existing VCF fleet instance with a network round trip time of 120ms.

Which design decision would meet the requirement for this expansion?

- A. Deploy two additional VCF instances within the existing VCF fleet, one each in datacenters A and B.
- B. Deploy two additional VCF fleets, one for each VCF instance in datacenters A and B.
- C. Deploy an additional VCF fleet in datacenter A and an additional VCF instance within the existing VCF fleet in datacenter B.
- D. Deploy an additional VCF fleet in datacenter B and an additional VCF instance within the existing VCF fleet in datacenter A.

Answer: D

NEW QUESTION 35

As part of an initial stakeholder meeting, one of the stakeholders has stated the following:

? The initial design must be completed within the next 3 months so that hardware can be ordered within the current budget cycle.

How would the architect classify and record this statement?

- A. A constraint
- B. A risk
- C. An assumption
- D. A requirement

Answer: A

NEW QUESTION 36

During the design workshop, the customer stated the following requirement:

- The solution must comply with the organization's security standards.

Which two design decisions should be included in the logical design for the workload domain? (Choose two.)

- A. Use large-size NSX Edge virtual appliances to account for the additional firewall rules.
- B. Enable VM Monitoring for each workload within the cluster.
- C. Enable Inter-SR iBGP routing.
- D. Use an SHA-2 algorithm or higher when signing certificates.
- E. Establish an operations practice to capture and update the thumbprint of the NSX Local Manager certificate on the NSX Global Manager every time the certificate is updated.

Answer: DE

NEW QUESTION 40

Why would an architect specify the default NSX segment profiles in a VMware Cloud Foundation (VCF) design?

- A. Default segment profiles are required for VLAN-backed segments and cannot be overridden.
- B. Default segment profiles offer enhanced performance and are automatically optimized for overlay traffic.
- C. Default segment profiles enable distributed firewall policy enforcement and avoid the need for overlay segments.
- D. Default segment profiles provide sufficient security and operational baseline settings for most common workloads and simplify lifecycle management.

Answer: D

NEW QUESTION 44

As part of the VMware Cloud Foundation (VCF) logical design, the architect documented the following requirement:

- The solution must be able to support latency-sensitive workloads.

Which two physical design decisions will meet this performance requirement in the workload domain? (Choose two.)

- A. Intel TDX and AMD's SEV-SNP integration
- B. Advanced Memory Tiering with NVMe: Enabled
- C. vSAN Global Deduplication: Enabled
- D. NSX Enhanced Data Path: Enabled
- E. vSAN Deep Snapshots: Enabled

Answer: BD

NEW QUESTION 47

An architect is responsible for designing a new VMware Cloud Foundation (VCF)-based Private Cloud solution. During the requirements gathering workshop with key customer stakeholders, the following information was captured:

- The solution must ensure that all components meet a software version of N-1.

- A. Recoverability
- B. Manageability
- C. Security
- D. Availability

Answer: C

NEW QUESTION 51

During a discovery workshop for a VMware Cloud Foundation (VCF) design, the customer provided the following information:

- Business Units pay for their own compute hardware.
- Business Units expect exclusive access to their compute hardware.
- IT Services is expected to maintain and manage all compute infrastructure within a single workload domain.
- IT Services are expected to design and offer standardized catalog items. Which VCF Automation feature achieves this requirement?

- A. Project Constraints
- B. Cloud Zones
- C. Cloud Account
- D. Project-Level Placement Policy

Answer: B

NEW QUESTION 56

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

2V0-13.25 Practice Exam Features:

- * 2V0-13.25 Questions and Answers Updated Frequently
- * 2V0-13.25 Practice Questions Verified by Expert Senior Certified Staff
- * 2V0-13.25 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * 2V0-13.25 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The 2V0-13.25 Practice Test Here](#)