



## **VMware**

### **Exam Questions 2V0-13.25**

VMware Cloud Foundation 9.0 Architect

#### NEW QUESTION 1

Which type of storage is used by VKS pods to store non-persistent data?

- A. Container image storage
- B. vSphere local storage
- C. Object storage
- D. Ephemeral storage

**Answer:** D

#### NEW QUESTION 2

An architect was in an architectural workshop and noted the following business objectives:

- ? The solution must prioritize optimal end-to-end user shopping experience for customers accessing the website.
- ? The website must be available 24 x 7 x 365.

Which three conceptual model items relate to these business objectives? (Choose three.)

- A. A requirement to have 99.99% availability uptime measured at the front-end application layer
- B. A risk that the external internet network provider does not meet the service level agreement (SLA) requirements
- C. A requirement to have 99.99% availability uptime measured at the network infrastructure layer
- D. An assumption that site performance is not a key performance indicator (KPI) for the customer
- E. A constraint of any planned changes limited to outside of business hours only
- F. An assumption that there is sufficient budget for the design to meet the performance requirements

**Answer:** ABF

#### NEW QUESTION 3

Requirement: The solution must include high security hardening levels to meet military compliance standards.

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

- A. The vSAN storage policy will be configured as Secondary Failures to Tolerate = 1.
- B. VCF Operations will be configured to renew the SSL certificate for vCenter Server per security policies.
- C. NTP will be configured to the internal NTP servers of 192.168.12.1 and 192.168.24.1.
- D. The advanced setting UserVars.SuppressShellWarning will be configured to 0 across all ESXi hosts.
- E. The certificate of the VI workload domain vCenter Server will be issued by RootCA.Military.Domain.Com.

**Answer:** DE

#### NEW QUESTION 4

An architect has been tasked with designing a new VMware Cloud Foundation (VCF) solution. The following design decisions were documented after requirements gathering workshops with the customer:

- Deploy a VCF Fleet into each of the DC1 and DC2 datacenters.
- Deploy two VCF instances (VCF1 and VCF2) into each VCF Fleet.
- Use the existing, supported third-party solution to provide Multifactor Authentication (MFA) for users accessing the VCF components.

The architect also documented the following information from the workshops:

- The customer wants to minimize the risk of a single operational task performed by an administrator impacting multiple components.
- The customer wants to avoid single points of failure by using high availability architectures.

Which two design decisions should the architect include for the authentication approach based on the information provided? (Choose two.)

- A. Use the external VCF Identity Broker model.
- B. Deploy a shared VCF Identity Broker for all VCF Instances across all VCF Fleets.
- C. Deploy a dedicated VCF Identity Broker for each VCF instance within a VCF Fleet.
- D. Deploy a shared VCF Identity Broker for all VCF instances within a VCF Fleet.
- E. Use the embedded VCF Identity Broker model.

**Answer:** AC

#### NEW QUESTION 5

During a design workshop, the customer provided the following requirement:

- Business units should not be able to interfere with the operations of a different business unit.

As a result of this requirement, the architect makes the decision to enable multi-tenancy within VCF Automation.

A combination of which two design implications would also need to be documented? (Choose two.)

- A. Each Tenant must use an embedded VCF Operations orchestrator instance.
- B. Each Tenant must use an external VCF Operations orchestrator instance.
- C. The Provider Tenant must use the embedded VCF Operations orchestrator instance.
- D. All Tenants must use a single VCF Operations orchestrator instance.
- E. The Provider Tenant must use an external VCF Operations orchestrator instance.

**Answer:** BC

#### NEW QUESTION 6

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 7

An architect is designing a VMware Cloud Foundation (VCF) deployment to meet the following design requirements:

- Tenants need dedicated external network access.
- The number of NSX Edge clusters should be minimized.

To fulfill these requirements, the architect made a design decision to use a Workload Networking VPC with Full Services Model. Which additional design decision should be considered as part of the logical network design?

- A. Deploy the maximum number of 10 NSX Edges into a single Edge cluster.
- B. Install two NSX bare metal Edges with multiple physical interfaces to separate tenants.
- C. Use Virtual Routing and Forwarding (VRF) lite to create a separate VRF TO Gateway for each tenant.
- D. Use NSX Federation providing a dedicated NSX instance for each tenant.

**Answer:** C

#### NEW QUESTION 8

An architect is designing the network model for a new VMware Cloud Foundation (VCF) solution. During the requirements gathering phase, the customer stated that the VCF solution must comply with the organization's security policy for traffic separation. The customer provided the architect with the following information from the policy:

- The physical network architecture is divided into multiple security zones.
- Traffic is not permitted to traverse between the zones with the exception of pre-approved monitoring tools.
- Physical servers may not be connected to multiple zones via a single network interface.
- Management and Storage traffic must be kept within network zone 1.
- Workload traffic must be kept within network zone 2.

The architect makes a design decision to use two vSphere Distributed Switches per cluster for both the Management and VI Workload domains.

Which two additional design decisions should the architect include in the virtual networking design for the separation of traffic between the vSphere Distributed Switches? (Choose two.)

- A. Configure one vSphere Distributed Switch for ESX Management, Storage, and vMotion traffic.
- B. Configure one vSphere Distributed Switch for all storage traffic.
- C. Configure one vSphere Distributed Switch for ESX Management, Storage, vMotion traffic and NSX - Host and Edge TEP/Edge Uplinks.
- D. Configure one vSphere Distributed Switch for all workload traffic and all NSX - Host and Edge TEP/Edge Uplinks.
- E. Configure one vSphere Distributed Switch for all NSX - Host and Edge TEP/Edge Uplinks.

**Answer:** AD

#### NEW QUESTION 9

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 support running 50,000 workloads concurrently across all sites.
- The solution must support the concurrent deployment of up to 10 workloads.

When creating the design document, which design quality should be used to classify the stated requirements?

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

**Answer:** C

#### NEW QUESTION 10

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

Requirement: NSX VPC Full Services Model for single tenant, preventing BGP advertisements from being dropped due to loop detection. Which element should be considered in the physical network design?

- A. Adjust the default BGP timers.
- B. Use a unique, private BGP AS number for each Tier-0 gateway.
- C. Use iBGP as the routing protocol between the Tier-0 gateway and the physical network.
- D. Configure edge datapath interface to transport only TEP traffic.

**Answer:** B

#### NEW QUESTION 12

While designing a solution, an architect is tasked with defining limits for a vSphere Namespace.  
What three limits are available? (Choose three.)

- A. The amount of storage
- B. The amount of containers
- C. The amount of services
- D. The amount of memory
- E. The amount of CPU

**Answer:** ADE

#### NEW QUESTION 15

Existing environment:

? 3 vSphere clusters, 5 hosts each.

? Networking = vDS.

? Storage = NFSv3.

? Managed by single vCenter. Architect decides to create a new VCF fleet with a single VCF instance.

What design implication should be documented?

- A. NSX will be automatically deployed during the creation of the VCF fleet.
- B. The vCenter VM must be migrated to a standalone host before fleet creation.
- C. The clusters will be automatically configured to use vSAN storage before the creation of the fleet.
- D. The ESX hosts will be converted to use vSphere Lifecycle Manager baselines during the creation of the fleet.

**Answer:** B

#### NEW QUESTION 19

A customer has a new initiative to build a private cloud based on VMware Cloud Foundation (VCF). The customer technical team is presenting an overview of the current state of the infrastructure as well as describing what the expectations are for the private cloud.

Based on the notes captured by the architect, which statement should be documented as a constraint?

- A. The existing storage is out of hardware vendor maintenance.
- B. No funding exists for a new storage array.
- C. Therefore, existing storage hardware must be used.
- D. The design must address security zone requirements for management, production, dev/test, and QA workloads.
- E. The design must provide a centralized management console to manage both data centers.

**Answer:** B

#### NEW QUESTION 20

An architect has made an assumption that existing support staff are adequately skilled to operate the proposed infrastructure design.

The risk associated with this assumption would be that existing support staff are inadequately skilled to operate the proposed infrastructure design. How would the architect mitigate the risk?

- A. Hire additional support staff with the same skillsets to add more support capacity.
- B. Allocate the necessary time and budget to train existing support staff on the necessary skills required to operate.
- C. Complete a skills assessment of the existing support staff to identify the skill gap.
- D. Engage a third-party company to deploy and configure the proposed solution.

**Answer:** B

#### NEW QUESTION 21

Which VMware Cloud Foundation (VCF) Storage Model can be deployed to scale storage capacity independent of compute and network?

- A. vSAN Compute Cluster Storage Model
- B. vSAN ESA Storage Model
- C. vSAN Capacity Cluster Model
- D. vSAN ESA Storage Cluster Model

**Answer:** A

#### NEW QUESTION 24

A company is deploying a new VMware Cloud Foundation (VCF) environment to support their growing infrastructure requirements.

The company is planning to scale their environment over time by adding more workload domains as new applications and departments are onboarded.

The company requires that the architecture must be highly scalable and flexible, able to accommodate both current and future demands. They also require a seamless transition when adding new workload domains.

Which design decisions should the architect make to meet the stated scalability requirements and facilitate the future growth?

- A. Use a single workload domain for all departments and increase the size of the vSphere clusters as the demand grows.
- B. Use multiple workload domains for each department and ensure that each workload domain is independently scaled.
- C. Use a single workload domain and rely on storage and network scaling to accommodate future growth.
- D. Use multiple workload domains for each department but combine them into a single vSphere cluster to reduce complexity.

**Answer:** B

#### NEW QUESTION 29

An architect is responsible for designing a VMware Cloud Foundation (VCF)-based solution for a customer. The customer has the following requirement:

- There should be no single points of failure within the solution.

To comply with the customer requirement, the architect has decided to include physical NIC teaming for all ESX servers in the design. When documenting this design decision, which consideration should the architect make?

- A. Embedded NICs should not be used for NIC teaming.
- B. Each NIC team must include NICs from the same physical NIC Card.
- C. Each NIC team must include NICs from different physical NIC Cards.
- D. Only 10GbE NICs should be used for NIC teaming.

**Answer: C**

#### NEW QUESTION 32

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 33

An architect is documenting the design for a new VMware Cloud Foundation (VCF) solution and makes the following design decision:

? Two vSphere clusters will be deployed within the single VI workload domain. What statement should the architect include as an implication of this design decision?

- A. If the solution needs to be scaled at a future date, additional VI workload domains can be deployed.
- B. Deploying multiple clusters in the single VI workload domain reduces the number of vCenter Server instances that must be managed.
- C. Deploying multiple clusters within the single VI workload domain meets the requirement to segregate Production and Development workloads.
- D. All clusters within the single VI workload domain must use vSAN as their principal storage type.

**Answer: B**

#### NEW QUESTION 34

An architect is designing a private cloud infrastructure for two departments (HR and Finance) based on VMware Cloud Foundation (VCF) and has been given the following requirements:

? HR and Finance superusers require access to VCF Operations.

? VCF Operations access, monitoring, and logging information must not be shared across departments.

Which design decision would meet the requirement?

- A. Deploy two VCF Fleet instances within the private cloud, one for HR and one for Finance.
- B. Configure two tenant instances within VCF Operations, one for HR and one for Finance.
- C. Deploy two VCF Operations instances within a VCF Fleet, one for HR and one for Finance.
- D. Configure two sets of scopes and index partitions within VCF Operations, one for HR and one for Finance.

**Answer: C**

#### NEW QUESTION 39

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 42

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 45

Which design defines how to arrange and use components and features of the infrastructure to satisfy service dependencies and other relationships specified in the Conceptual Model?

- A. Physical Design
- B. High Availability Design
- C. Configuration Guide
- D. Logical Design

**Answer: D**

#### NEW QUESTION 46

A customer is designing a multi-site VMware Cloud Foundation (VCF) and vSAN Data Protection (DP) architecture to ensure business continuity. The customer's support team must validate the failover and recovery processes before being allowed to deploy into production. Which two validation activities should be included in the strategy to meet the objective? (Choose two.)

- A. Conduct recovery plan testing annually, as frequent testing may introduce instability in DR environments.
- B. Assess the impact of failover scenarios on application dependencies and inter-site connectivity.
- C. Configure recovery plans based on generic VMware best practices rather than workload-specific requirements to decrease the architecture complexity.
- D. Perform planned and unplanned failover tests in a controlled environment to validate recovery time objectives.
- E. Configure vSphere HA and DRS features to manage disaster recovery automatically, eliminating the need for additional validation.

**Answer: BD**

#### NEW QUESTION 50

An architect is designing a Business Continuity Disaster Recovery (BCDR) strategy for a Virtual Cloud Foundation (VCF) environment with a management domain and multiple workload domains deployed in two datacenters located in the same city.

During one of the initial workshops with stakeholders, the following information was identified:

- ? The Recovery Time Objective (RTO) for workloads is 24 hours.
- ? The management domain must remain continuously available with Recovery Point Objective (RPO) of 0.
- ? Hardware overhead should be minimized by utilizing standby resources that host test workloads during normal operation.
- ? Operational overhead should be minimized.
- ? Latency between both datacenters is 2 ms.

Which design decision should the architect document to satisfy provided requirements?

- A. Use VCF Automation to redeploy the entire environment in case of a failure.
- B. Implement vSAN stretched cluster for the management domain and Live Recovery for the workload domains.
- C. Back up all workloads daily and store them in a central repository to meet RTO expectations.
- D. Use asynchronous replication for both management and workload domains.

**Answer: B**

#### NEW QUESTION 54

Requirement: The solution must identify any configuration changes made to the Management Infrastructure every 30 days. Which three design decisions should the architect make to meet the stated requirements? (Choose three.)

- A. Configure a Configuration Template for the Management Cluster.
- B. Schedule Configuration Drift to Check the configuration every 30 days.
- C. Configure a Configuration Template for the Management vCenter.
- D. Create a Configuration Template for the Management NSX Manager.
- E. Schedule Configuration Drift to Remediate the configuration every 30 days.
- F. Configure Host Profiles for the Workload Domain.

**Answer: ABD**

#### NEW QUESTION 56

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 60

An architect is responsible for designing a VMware Cloud Foundation (VCF)-based private cloud for a customer. During the customer requirements gathering workshop, the customer has stated the following:

- ? All Platinum applications/services must have an availability SLA of 99.99%.
- ? All Gold applications/services must have an availability SLA of 99.9%.
- ? All Silver applications/services must have an availability SLA of 99%.
- ? The private cloud must have an availability SLA of 99.9%.

What should the architect recommend to meet the stated requirements?

- A. The private cloud must only be used to host Silver and Gold services.
- B. The private cloud SLA can only be met using multiple VMware Cloud Foundation instances configured as a single VCF Fleet.
- C. The Platinum service availability requirements must be met by the application.

D. The Platinum service availability requirements must be met by configuring Proactive High Availability (HA) on the workload domain.

**Answer: C**

#### NEW QUESTION 62

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

- The service catalog solution must meet a minimum availability SLA of 99.9%.
- The performance of the service catalog solution must not be impacted by maintenance activities or a single physical ESXi host failure.

During the logical design phase of the project, the following design decisions were made:

- The solution will deploy VCF Automation using the highly available deployment model. Which two corresponding physical design decisions should the architect make to meet the stated requirements? (Choose two.)

- A. The solution will configure the external load balancer to send all traffic to the native Kubernetes load balancer.
- B. The solution will deploy three VCF Automation appliances using the small size.
- C. The solution will create a VM-host affinity rule to ensure all nodes of the VCF Automation cluster are located on the same ESXi host.
- D. The solution will create a VM-host anti-affinity rule to ensure all nodes of the VCF Automation cluster are located on different ESXi hosts.
- E. The solution will deploy an external load balancer to replace the native load balancer.

**Answer: DE**

#### NEW QUESTION 66

VMware Kubernetes Service (VKS) cluster exposes three layers of controllers to manage its lifecycle. Which set correctly identifies these layers?

- A. Virtual Machine Service, vCenter Appliance, Supervisor Service.
- B. Cluster API, Node Problem Detector, CNI Plugin.
- C. API Gateway, StatefulSet Controller, Ingress Controller.
- D. Virtual Machine Service, Cluster API, and Cloud Provider Plugin.

**Answer: D**

#### NEW QUESTION 68

The architect documented a requirement for 99.95% high availability to meet the customer's resiliency needs. Which two physical design decisions will help meet this requirement in the management domain? (Choose two.)

- A. Management Port Group: Route based on physical NIC load
- B. Host Overlay DHCP Scope Lease: 14 Days
- C. Physical Switch MTU: 9000
- D. vSAN Cache Tier Sizing: 800GB
- E. Host isolation response: Power Off and restart VM

**Answer: CD**

#### NEW QUESTION 69

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 71

Which Container Network Interface (CNI) is selected by default in a VMware Kubernetes Service (VKS) workload cluster?

- A. Antrea
- B. Flannel
- C. Calico
- D. Cilium

**Answer: A**

#### NEW QUESTION 76

Requirements:

? Workloads across multiple datacenters (DC01, DC02)

? Support two-factor authentication (2FA)

? Reduce operational overhead

Which two design decisions should be documented for the VCF Single Sign-On (SSO) architecture?

- A. Deploy VIDB in the management domain of every VCF instance in all sites.

- B. Deploy VIDB in the management domain of each VCF instance at DC02.
- C. Configure all additional VCF instances in the same region to point to the VIDB in the first VCF instance at DC02.
- D. Deploy VIDB in the first VCF instance management domain at DC01.
- E. Configure all additional VCF instances in the same private cloud to point to the VIDB in the first VCF instance at DC01.

**Answer:** DE

#### NEW QUESTION 77

Which statement would the architect document as a design decision within the logical design?

- A. Service Levels will align with the defined Business Impact Analysis findings.
- B. The solution must provide the ability to patch an existing template.
- C. The VMware Distributed Resource Scheduler (DRS) latency sensitivity value will be set to high for the workload cluster.
- D. vSphere High Availability (HA) will be enabled.

**Answer:** C

#### NEW QUESTION 80

An architect has compiled a list of design choices following a design workshop with the business stakeholders. Which statement represents a logical design decision?

- A. Synchronous data replication will be used to meet the stated Recovery Point Objective (RPO) between site A and B.
- B. Users must experience application availability in under 2 seconds.
- C. Sites A and B will each have a /16 subnet for their networks.
- D. Users must connect to the application servers via a shared Global Load Balancer.

**Answer:** A

#### NEW QUESTION 81

An architect is designing a solution with Istio Service Mesh. What two types of groups can collect and manage objects? (Choose two.)

- A. Service
- B. Cluster
- C. Security
- D. API
- E. Node

**Answer:** AB

#### NEW QUESTION 83

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 88

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 89

Requirements and constraints:  
? 3 datacenters within 1 mile radius, high-speed LAN connectivity  
? Private cloud must be hosted at HQ datacenter  
? Must protect against datacenter loss with no data loss (RPO = 0)  
Which design model meets these requirements?

- A. VCF fleet with disaster recovery on a multi-rack cluster model
- B. VCF fleet with disaster recovery on a single-rack cluster model
- C. VCF fleet with fault domains on a multi-rack cluster model
- D. VCF fleet with fault domains on a stretched cluster model

**Answer:** D

#### NEW QUESTION 92

During a design workshop, the security team provides the following requirement for the VMware Cloud Foundation (VCF) Automation deployment:  
? All Virtual Machine images must be reviewed and vetted by the security team prior to consumption.  
Which Content Library type supports the requirement?

- A. Subscribed Content Library
- B. Tenant-managed Content Library
- C. Local Content Library
- D. Provider-managed Content Library

**Answer: D**

#### NEW QUESTION 96

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 98

A customer is deploying VMware Cloud Foundation (VCF) in an enterprise environment. During a series of workshops with stakeholders, the following requirements were identified:

- ? The network solution must be capable of complete logical isolation.
- ? The network solution must be capable of supporting independent upgrade cycles for network stacks.
- ? The network solution must be capable of tenant-specific customization of NSX configurations.

The architect has made the following design decisions:

- ? The solution will consist of a single VCF instance.
- ? The solution will include a management domain and two workload domains.

Based on the scenario, which additional design decision meets all of the stated requirements?

- A. Deploy NSX only in the management domain and use VLAN-backed segments in the workload domains.
- B. Use a global NSX Federation configuration across workload domains.
- C. Use a shared NSX instance across both workload domains.
- D. Deploy a dedicated NSX instance per workload domain.

**Answer: D**

#### NEW QUESTION 101

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

Which statement should be documented as a requirement?

- A. Existing shared storage array must be used.
- B. Block-based storage must be used within a workload domain.
- C. Existing storage arrays provide sufficient capacity for building the environment.
- D. The customer network team is not trained to support NSX VPC.

**Answer: B**

#### NEW QUESTION 104

A financial services company is deploying a VMware Cloud Foundation (VCF)-based solution for its core banking applications. The architect needs to ensure that the design can handle peak transaction loads while maintaining the performance SLA.

Which two approaches should be included in the design validation strategy? (Choose two.)

- A. Perform the live recovery test for the master recovery plan to ensure the Recovery Time Objective (RTO) is within the defined SLA.
- B. Conduct stress testing using representative workloads to evaluate system behavior under extreme load conditions.
- C. Simulate peak transaction loads in a staging environment to validate resource scalability and vSAN performance.
- D. Deploy the solution to production first and optimize based on live performance feedback from end users.
- E. Rely on vendor-supplied performance benchmarks that were provided for the selected hardware and validate manually the Live Recovery configuration.

**Answer: BC**

#### NEW QUESTION 109

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