



Vendor: VMware

Exam Code: 3V0-21.25

Exam Name: Advanced VMware Cloud Foundation 9.0
Automation

Version: DEMO

QUESTION 1

What should an Organization Administrator configure to ensure that three environments (staging, development, and production) are isolated from each other?

- A. Create a single VPC for both staging and development with connectivity profile supporting multiple private CIDRs.
- B. Create a Namespace class for each environment, ensuring limits are configured.
- C. Create a VPC for each environment and ensure no connectivity profiles are selected.
- D. Create a VPC for each environment with a connectivity profile that has only a 'Private – TGW' IPv4 block.

Answer: C

Explanation:

Creating a separate VPC for each environment ensures full network isolation between staging, development, and production. By not attaching any connectivity profile, the VPCs remain completely isolated with no external or shared connectivity, enforcing strict separation.

QUESTION 2

During a peer review, a developer accidentally committed a YAML manifest containing a plaintext API token, triggering a security alert and raising concerns about the current handling of sensitive values in infrastructure code.

The development team uses an AllApps Organization in VMware Cloud Foundation (VCF) Automation and must adhere to security guidelines while minimizing manual steps in the processes.

Which approach to manage, store, and distribute sensitive data supports secure automation workflows for Supervisor and vSphere Kubernetes Service (VKS) clusters in VCF Automation?

- A. Pass secrets as secure input variables during deployments from VCFA's UI, so the sensitive values are never included directly in blueprints.
- B. Store secrets in the YAML manifest files in Git, but make sure to mark the Git repository as private to limit exposure.
- C. Store secrets in a private Git repository and use environment variable substitution in the CI/CD pipeline to inject them into blueprints at build time.
- D. Use the Secret Store Service (SSS) and reference the required secrets during deployment.

Answer: D

Explanation:

The Secret Store Service (SSS) provides a secure, centralized mechanism to store and manage sensitive data and allows workloads to reference secrets at deployment time without exposing them in code or pipelines, ensuring compliance and secure automation for Supervisor and VKS environments.

QUESTION 3

A VMware Cloud Foundation (VCF) Automation administrator is creating a new organization for the Product Development team. The developers require self-service networking that allows them to:

- Provision workloads with virtual machines (VMs) and Kubernetes services.
- Attach these workloads to VPCs.
- Customize how ingress and egress traffic is handled.

Which configuration meets the requirement?

- A. Create an AllApps Organization and use the default VPC with VPC connectivity profiles.
- B. Create a VMAApps Organization and assign multiple vSphere-backed networks for consumers to select as needed.
- C. Create an AllApps Organization and assign multiple vSphere-backed networks for consumers to select as needed.
- D. Create a VMAApps Organization and use the default VPC with VPC connectivity profiles.

Answer: A

Explanation:

An AllApps Organization supports both VM and Kubernetes workloads and provides VPC-based networking. Using VPC connectivity profiles allows developers to attach workloads to VPCs and customize ingress and egress behavior, enabling the required self-service networking capabilities.

QUESTION 4

Which service provides the ability to backup and restore vSphere pods?

- A. VKS
- B. Contour
- C. Velero
- D. VM Service
- E. ArgoCD

Answer: C

Explanation:

Velero provides backup and restore capabilities for Kubernetes workloads, including vSphere pods, by capturing cluster state and persistent volumes and enabling recovery when needed.

QUESTION 5

A vSphere administrator has created a new vSphere storage policy, labeled Gold Tier, mapped to some new NVMe-backed datastores.

The VMware Cloud Foundation (VCF) Automation administrator is tasked to permit access to this new storage type for consumers of a PerformanceTest Project in an AllApps organization named Engineering.

What must be done within VCFA to accomplish the task?

- A. Create a new VMAApps Organization for Engineering and ensure the Gold Tier vSphere storage policy is selected for new projects.
- B. Add the Storage Class backed by the Gold Tier storage policy to a Supervisor Namespace Class and bind that Namespace Class to the PerformanceTest Project.
- C. Configure a Day-2 policy on the PerformanceTest project to enforce Gold Tier as the preferred storage.
- D. Create a new Zone in VCF Automation, select the Gold Tier vSphere storage policy, and assign the Zone to the PerformanceTest Project.

Answer: B

Explanation:

In an AllApps organization, storage policies are exposed to workloads through Kubernetes storage classes defined in Supervisor Namespace Classes. To make the new Gold Tier storage available, the corresponding storage class must be included in a Namespace Class and then bound to the project so workloads can consume it.

QUESTION 6

A Provider administrator received a technical requirement mandating the use of Identity Providers (IdP) in place of local accounts. The following requirements were defined:

- The source directory service must be different between the Provider Management Portal and Organizations.
- The Organization administrators cannot modify the identity provider configuration.

What two requirements should the administrator configure? (Choose two.)

- A. Deploy an Identity Broker cluster per organization.
- B. Push the VCF Automation system LDAP service to all organizations.
- C. Configure and publish a custom organization role for all organizations.
- D. Ensure that "Do not use LDAP" is configured for each organization's SSO.
- E. Setup custom LDAP service configuration per organization.

Answer: AD

Explanation:

Separate Identity Provider configurations between the Provider and Organizations require deploying an Identity Broker per organization to maintain isolation. Disabling LDAP usage at the organization level ensures that local directory configurations cannot be modified by Organization administrators, enforcing the use of the defined IdP.

QUESTION 7

An administrator is responsible for managing a VMware Cloud Foundation (VCF)-based private cloud. The private cloud consists of a single organization with a project named production.

The administrator has been tasked with ensuring that the following are standardized across all existing and new blueprints within the production project:

- Inputs:
 - size
 - os
 - location
- Constants:
 - salt_master_id

Which three actions should the administrator take to meet the objective? (Choose three.)

- A. Create a new Property Group containing all required properties for the production project.
- B. Update all existing blueprints within the production project with the new Property Group(s).
- C. Create a new Property Group containing all input properties for the production project.
- D. Create a new Property Group containing all constant properties for the production project.
- E. Update all blueprints within the organization to use the same locally configured inputs.

Answer: ABD

Explanation:

A Property Group should be created to centralize and standardize the required properties, including constants. Constants such as the salt_master_id should be defined in a dedicated Property Group. Existing blueprints must then be updated to consume these Property Groups so the standardized inputs and constants are consistently applied across the production project.

QUESTION 8

An administrator is tasked to enable VMware Cloud Foundation (VCF) Automation to run ABX actions. What must be configured?

- A. Create a cloud account in the Organization Portal.
- B. Create a cloud account in the Provider Management Portal.
- C. Create a project in an AllApps Organization.
- D. Create a region in an AllApps Organization.

Answer: B

Explanation:

Action-Based Extensibility (ABX) requires a functional management plane connection to execute scripts against the infrastructure. In VCF 9.0, the foundation for all automation tasks—including ABX—is the Cloud Account. The administrator must Create a cloud account in the Provider Management Portal to establish the primary connection between the VCF Automation appliance and the underlying vCenter/NSX endpoints. While individual organizations can have their own accounts, the core extensibility engine (which runs the serverless containers for ABX) relies on the provider-level account to identify where and how to execute scripts across the fleet. Without a valid Cloud Account, the ABX service has no target for resource discovery or event-triggered logic, rendering the extensibility framework non-functional for both provider and tenant organizations.

QUESTION 9

An administrator is tasked with configuring a multi-tenant environment within the organization's VMware Cloud Foundation (VCF) deployment. Requirements are:

- isolated network spaces for development and testing.
- dedicated resources.
- role based access control.

Which of the actions satisfies the requirement?

- A. Configure firewall rules at the datacenter edge level to isolate traffic between departments.
- B. Define and allocate IP blocks and quotas at the organization level, which will then be selected and consumed by users at deployment.
- C. Grant full administrative access for one responsible user in each department to create and manage their own network configurations.
- D. Define and allocate IP blocks and quotas at the organization level, which will then be consumed by the NSX VPCs created by the different departments.
- E. Create an NSX backed VLAN segment per department.

Answer: D

Explanation:

Defining and allocating IP blocks and quotas at the organization level enables creation of separate NSX VPCs for each department, providing isolated network spaces. These VPCs also

support resource allocation and integrate with role-based access control, satisfying all multi-tenancy requirements.

QUESTION 10

An administrator is configuring RBAC policies in VMware Cloud Foundation (VCF) Automation to delegate access across multiple clusters. The administrator must ensure that:

- Cluster lifecycle operations (e.g., scaling) can only be performed by a designated operations group.
- Security policies at the NSX project level remain restricted to network administrators' group.

Which two role assignments meet these requirements? (Choose two.)

- A. Assign the Security Administrator role in NSX to the network administrators group at the project scope.
- B. Assign the Service Viewer role in VCF Automation to the operations group at the cluster scope.
- C. Assign the Cluster Administrator role in VCF Automation to the operations group at the cluster scope.
- D. Assign the Service User role in VCF Automation to the operations group at the cluster scope.
- E. Assign the Organization Owner role to the network administrators group at the tenant organization level.

Answer: AC

Explanation:

Cluster lifecycle operations such as scaling require the Cluster Administrator role at the cluster scope, ensuring only the designated operations group can perform these actions. NSX project-level security policies are controlled by assigning the Security Administrator role in NSX to the network administrators group, restricting those capabilities appropriately.

QUESTION 11

A system administrator is tasked to create a region for use within an AllApps organization. How would the administrator determine which vCenter Servers are available in the infrastructure?

- A. Manually look up the UUID of the vCenter Server(s) in the VMware Kubernetes Service (VKS).
- B. Verify connections in the Provider Management portal.
- C. Verify connections in the Organization portal.
- D. Manually look up the UUID of the vCenter Server(s) in the vSphere Client.

Answer: B

Explanation:

Available vCenter Servers are discovered and managed at the provider level. The administrator verifies which vCenter instances are connected and available for region creation in the Provider Management portal.

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