



## **VMware**

### **Exam Questions 2V0-17.25**

VMware Cloud Foundation 9.0 Administrator

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#### NEW QUESTION 1

An administrator is responsible for the management of a VMware Cloud Foundation (VCF) environment and has been tasked with creating a new Organization in VCF Automation. The customer previously upgraded from VCF 5.2 and this is the first new Organization since their upgrade.

The following requirements have been provided for the additional Organization:

? Onboard existing Virtual Machines (VM) for management through VCF Automation.

? Use third-party integrations, including Tanzu Salt and Active Directory.

? Deploy to Native Public Cloud (NPC) endpoints.

What action should the administrator take to complete the objective?

- A. Create the new Organization for VM Applications using the VCF Automation API.
- B. Create the new Organization for All Applications within the VCF Automation Provider Management Portal.
- C. Create the new Organization for All Applications using the VCF Operations Fleet Management API.

**Answer: B**

#### NEW QUESTION 2

An administrator is deciding on a storage solution to create the first management workload domain for a new VMware Cloud Foundation (VCF) instance. Which three storage solutions can be used as principal storage? (Choose three.)

- A. NVMe/TCP
- B. Virtual Volumes (vVols)
- C. VMFS on Fibre Channel (FC)
- D. NFSv3
- E. vSAN OSA

**Answer: CDE**

#### NEW QUESTION 3

An administrator has been tasked with configuring the external connectivity for a Virtual Private Cloud (VPC) within a new VMware NSX project. The Transit Gateway (TGW) associated with the project will use VLAN(s) and external subnets to connect the VPC to the physical routers.

What prerequisite must the administrator ensure is completed before starting the configuration of the external connection?

- A. TWO BGP Peers must be set up on the Distributed TGW for dynamic routing.
- B. The vSphere cluster must have a Transport Node Profile (TNP) attached to it.
- C. All the hosts running VPC workloads must have access to the VLAN(s) used by the Distributed TGW.
- D. All the hosts running VPC workloads must have access to the Edge TEP network.

**Answer: C**

#### NEW QUESTION 4

An administrator is tasked with creating a custom dashboard for the security team. The team has the following requirements:

? Monitor the CPU, memory, and disk usage across all Virtual Machines (VMs) in a workload domain.

? Export the data to CSV.

Which custom view in VMware Cloud Foundation (VCF) Operations meets these requirements?

- A. Object Relationship View
- B. Scoreboard View
- C. List View
- D. Trend View

**Answer: C**

#### NEW QUESTION 5

An administrator is responsible for managing a VMware Cloud Foundation (VCF)-based private cloud. The private cloud consists of a single organization with two projects, appdev and 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. Update all existing blueprints within the appdev project with the new Property Group(s).
- B. Update all blueprints within the organization to use the same locally configured inputs.
- C. Create a new Property Group containing all input properties for the production project.
- D. Create a new Property Group containing all required properties for the production project.
- E. Create a new Property Group containing all constant properties for the production project.
- F. Update all existing blueprints within the production project with the new Property Group(s).

**Answer: CEF**

#### NEW QUESTION 6

Which statement describes Harbor?

- A. Harbor is an open source registry that secures artifacts with policies and RBAC, scans images for vulnerabilities, and signs images as trusted.
- B. Harbor, formerly known as Bitnami, is an image catalog for downloading verified open-source packages.
- C. Harbor is an image scanner used to verify that images are free from vulnerabilities and patches.
- D. Harbor requires all images be pulled from GitHub for validation.

**Answer:** A

#### NEW QUESTION 7

An administrator is tasked to monitor business-critical Virtual Machines (VMs) within a VMware Cloud Foundation (VCF) fleet.

The following requirements must be met:

? The existing policy named "Organization Policy" must be used for the entire environment.

? Only business-critical VMs must be assigned additional metrics.

? Business-critical VMs will be organized based on a naming schema.

Which three steps must an administrator complete to satisfy the requirements? (Choose three.)

- A. Assign the Custom Datacenter to the new policy.
- B. Assign the Custom Group to the new policy.
- C. Create a new policy under "Organization Policy" and enable the additional metrics.
- D. Create a Custom Datacenter and add the business-critical VMs.
- E. Create a new policy under "Base Settings" and enable the additional metrics.
- F. Create a Custom Group and add the business-critical VMs.

**Answer:** BCF

#### NEW QUESTION 8

An administrator is deploying a VCF fleet with two VCF instances and wants a full-stack monitoring solution. Which two components must be installed after initial deployment? (Choose two.)

- A. VCF Operations Fleet Management
- B. VCF Operations for Logs
- C. VCF Operations Management Pack Builder
- D. VCF Operations
- E. VCF Operations for Networks

**Answer:** AE

#### NEW QUESTION 9

An administrator is preparing to create a new workload domain within an existing VCF instance. Which two tasks must be completed before starting the deployment workflow? (Choose two.)

- A. Commission the new ESX hosts into the existing VCF instance from the new workload domain vCenter.
- B. Commission the new ESX hosts into the existing VCF instance from the management domain vCenter.
- C. Pre-install a supported ESX version onto the server with VCF Installer.
- D. Pre-install a supported ESX version onto the server using a valid ISO image.
- E. Commission the new ESX hosts into the existing VCF instance from VCF Installer.

**Answer:** BD

#### NEW QUESTION 10

An administrator has been tasked with showing the average health of all virtual machines (VMs) in a VMware Cloud Foundation (VCF) fleet.

The following information has been provided:

? All clusters are connected to the same VCF Operations instance.

? The Virtual Machines in scope are located across different clusters in the same VCF instance.

What should the administrator create to meet the stated objective?

- A. A dashboard
- B. A super metric
- C. A symptom
- D. An alert

**Answer:** B

#### NEW QUESTION 10

An administrator must deploy a new VMware Cloud Foundation (VCF) instance using a supported VCF Operations model with the smallest possible resource footprint. Which VCF Operations deployment model should be used?

- A. Stretched Cluster
- B. Continuous Availability
- C. Simple
- D. High Availability

**Answer:** C

#### NEW QUESTION 11

An administrator is tasked to converge an existing VMware vSphere environment to VMware Cloud Foundation (VCF). The following information has been provided to the administrator for this task:

? Three VMware vCenters in Enhanced Linked Mode.

? Five vSphere clusters per vCenter.

? Lifecycle Manager configured with baselines and images.

? Each VMware ESX host has 10 Gbps uplinks.

? All ESX hosts are configured with LACP.

? All clusters within a vCenter share a single vSphere Distributed Switch.

Which two configurations need to be changed before the environment is converged? (Choose two.)

- A. All ESX hosts must have a minimum of 25 Gbps uplinks.
- B. Enhanced Linked Mode needs to be deactivated.
- C. Add an additional VMkernel interface per host for vMotion traffic.
- D. Create a vSphere Standard Switch per host.
- E. Lifecycle Manager needs to be configured with Images only.

**Answer:** BE

#### NEW QUESTION 14

An administrator needs to scale out the VMware Cloud Foundation (VCF) Automation node from a small to a medium form factor. The environment is currently deployed using the Simple VCF Automation Model. Which action should the administrator take to achieve this?

- A. Deploy a separate VCF Automation instance in the environment.
- B. Redeploy the VCF Automation node as a single medium form factor using the VCF Operations Console.
- C. Scale up the VCF Automation node to medium form factor using the VCF Operations Console.
- D. Scale out the VCF Automation deployment to a High Availability model with medium form factor.

**Answer:** D

#### NEW QUESTION 16

What is the purpose of Istio Service Mesh?

- A. Provides service discovery across multiple clusters.
- B. Provides an infrastructure layer that makes communication between applications possible, structured, and observable.
- C. Provides dynamic application load balancing and autoscaling across multiple clusters and sites.
- D. Provides a centralized, global routing table to simplify and optimize traffic management.

**Answer:** B

#### NEW QUESTION 20

What prerequisite must an administrator complete in VCF before configuring Provider Networking in VCF Automation?

- A. Create a T0 Gateway in the Organization.
- B. Create a T0 Gateway in NSX Manager.
- C. Create a vDS in Provider Management.
- D. Create a vDS in vCenter.

**Answer:** B

#### NEW QUESTION 21

An administrator is tasked with deploying several VMware ESX hosts in a new VMware environment. The administrator wants to understand the general flow of a manual ESX installation and setup process in VMware Cloud Foundation (VCF).

What are the stages of the ESX deployment process?

- A. Install ESX using VCF Installer Configure host settings Perform hardware compatibility check Create datastores
- B. Hardware validation Network configuration ESX installation Join vCenter
- C. Boot from installation media Select target disk Configure management network Set root password
- D. Install vCenter Server Configure cluster settings Deploy ESX using VCF Installer Create virtual machines

**Answer:** C

#### NEW QUESTION 22

An administrator is responsible for the management of a VMware Cloud Foundation (VCF)- based private cloud. The environment is configured in the following ways:

? A single Organization for VM Applications with 50 application development projects.

? Relevant configuration for the FitnessTrackerApp project:

The administrator has been tasked with ensuring that the newly created catalog item ( Mobile Application Backend) is initially only visible to the Lead Developers of the FitnessTrackerApp project.

The administrator has already completed:

? Logged into VCF Automation.

? Updated the Content Source to include the Mobile Application Backend blueprint.

Which four additional steps must the administrator take to complete the objective? (Choose four.)

- A. Create a new Deployment Limit Policy.
- B. Add the Mobile Application Backend catalog item to the new policy.
- C. Configure the Scope of the new policy to be Project and select the FitnessTrackerApp project.
- D. Create a new Content Sharing Policy.
- E. Add the FTA\_Developers Group to the policy.
- F. Add the FTA\_LeadDevelopers Group to the new policy.
- G. Configure the Scope of the new policy to be Organization.

**Answer:** BCDF

#### NEW QUESTION 27

An administrator is tasked to deploy a new vSAN Storage Cluster to an existing VCF instance. The VCF instance is deployed as a single workload domain. What

must the administrator do to achieve this without deploying additional management components?

- A. Deploy an additional VCF instance and workload domain with a vSAN storage cluster.
- B. Deploy additional hosts as vSAN storage-only nodes within the existing cluster.
- C. Deploy a second cluster as a vSAN storage cluster in the existing workload domain.
- D. Deploy an additional workload domain with a vSAN storage cluster within the existing VCF instance.

**Answer: C**

#### NEW QUESTION 28

An administrator of a VMware Cloud Foundation (VCF) fleet is tasked to delegate the resource management of a group of Virtual Machines (VMs) to another department. The following information is provided:

- ? VMs should power on only if resources are available.
  - ? The VMs are within development and production environments.
  - ? The production VMs require guaranteed levels of resources.
  - ? The VMs support a three-tier application within each environment.
  - ? Each tier of the application has varying levels of demand.
- What VCF feature should the administrator use to manage these VMs?

- A. vSphere Availability
- B. VCF Operations
- C. vSphere Resource Pools
- D. vSphere Dynamic Resource Scheduling

**Answer: C**

#### NEW QUESTION 29

An administrator is responsible for a vSAN Express Storage Architecture (ESA) cluster running workloads with a RAID-6 policy. The administrator must enable auto-policy management in vSAN ESA. What is the minimum number of hosts required for workloads with RAID-6?

- A. 2
- B. 4
- C. 8
- D. 6

**Answer: D**

#### NEW QUESTION 34

An administrator is tasked with creating a new VLAN-backed segment in a VMware Cloud Foundation (VCF) environment to provide connectivity for a group of Virtual Machines (VMs). Which two actions must the administrator take when creating a VLAN-backed segment in NSX Networking? (Choose two.)

- A. Define the default gateway IP address.
- B. Specify VLAN ID.
- C. Bind to segment profiles.
- D. Connect segment to Tier-1 gateway.
- E. Specify VLAN transport zone.

**Answer: BE**

#### NEW QUESTION 37

An administrator is responsible for monitoring VMware vSAN performance across a VMware Cloud Foundation (VCF) instance. The administrator confirms VCF Operations is configured correctly. When viewing Storage Operations, the vSAN Cluster Performance widget is not displaying any data. What additional configuration should the administrator complete to ensure the widget displays data?

- A. Enable Support Insight for all vSAN Clusters in vCenter.
- B. Select a Cloud proxy as Collector in the vSAN integration.
- C. Select "Enable SMART data collection" in the vCenter integration.
- D. Enable Performance Service for all vSAN Clusters in vCenter.

**Answer: D**

#### NEW QUESTION 42

What is the required update interval for VMware Cloud Foundation (VCF) licenses in connected mode to maintain the entitlement?

- A. 90 days
- B. 180 days
- C. 365 days
- D. 270 days

**Answer: B**

#### NEW QUESTION 45

Which Kubernetes object is used to grant permissions to a cluster-wide resource?

- A. RoleBinding
- B. ClusterRoleBinding
- C. RoleReference

D. ClusterRoleAccess

**Answer:** B

**NEW QUESTION 49**

After a migration to VCF 9.0, an administrator must import only logging data newer than 90 days from Aria Operations for Logs 8.x into VCF Operations for Logs. If VCF Operations for Logs has enough space available, what is the correct way to achieve this?

- A. Configure log forwarding in Aria Operations for Logs.
- B. Import logs from an NFS archive used for Aria Operations for Logs.
- C. Initiate the transfer from the Control Panel in VCF Operations.
- D. Initiate the transfer from Aria Operations for Logs.

**Answer:** C

**NEW QUESTION 51**

Which three statements are characteristics of a VMware Cloud Foundation (VCF) private cloud? (Choose three.)

- A. VCF supports only vSAN storage technology.
- B. VCF offers automation of operations and the ability to optimize network services.
- C. VCF supports the provisioning of both VMs and containers.
- D. VCF supports only the industry and regulatory compliance offered by the cloud service provider.
- E. VCF offers manual scalability of the environment through configurations or custom scripts.
- F. VCF offers the ability to configure full isolation of organizations in the private cloud.

**Answer:** BCF

**NEW QUESTION 53**

A security team informed an administrator that a VMware vCenter root password was compromised. As a precaution, the password was changed directly in vCenter. What should an administrator do to regain management capability of this vCenter by VCF Operations?

- A. Enter the new root password using the Reset password function in VCF Operations.
- B. Use the Rotate password function in VCF Operations.
- C. Enter the new root password using the Update password function in VCF Operations.
- D. Enter the new root password using the Remediate password function in VCF Operations.

**Answer:** D

**NEW QUESTION 56**

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