

# VMware

## Exam Questions 2V0-17.25

VMware Cloud Foundation 9.0 Administrator



#### NEW QUESTION 1

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 2

An administrator must deploy a new VCF instance in a dark site (no Internet). How should binaries be downloaded before starting installation?

- A. Use the VCF Download Tool.
- B. Use Broadcom Downloads.
- C. Use the VCF Installer.
- D. Use SDDC Manager.

**Answer: A**

#### NEW QUESTION 3

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

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

**Answer: D**

#### NEW QUESTION 4

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 5

An administrator configures a new NSX overlay segment for virtual desktops using default segment policies. Desktops must obtain IPv4 leases from a DHCP server on the same segment. What must the administrator do?

- A. Edit default segment security profile, disable DHCP server block, and apply.
- B. Clone default segment security profile, disable DHCP server block, and apply.
- C. Clone default IP discovery profile, disable DHCP server block, and apply.
- D. Edit default IP discovery profile, disable DHCP server block, and apply.

**Answer: A**

#### NEW QUESTION 6

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 7

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 8**

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 9**

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 10**

An administrator is preparing to deploy a new VMware Cloud Foundation (VCF) fleet to an environment that does not have Internet access. Which two binaries must be uploaded to the VCF Installer appliance before initiating the deployment? (Choose two.)

- A. Identity Broker
- B. ESX
- C. NSX
- D. VCF Operations
- E. Lifecycle Manager

**Answer: CD**

#### **NEW QUESTION 10**

What is the function of Velero?

- A. Publish DNS records for applications to DNS servers.
- B. Monitor cluster services.
- C. Collect data and logs from different sources, unify them, and send them to multiple destinations.
- D. Backup and restore Kubernetes clusters.

**Answer: D**

#### **NEW QUESTION 15**

Which tool does an administrator use to collect and validate the initial inputs for the deployment of a VMware Cloud Foundation (VCF) fleet?

- A. SDDC Manager
- B. Cloud Builder
- C. VCF Installer
- D. VCF Operations

**Answer: C**

#### **NEW QUESTION 19**

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 20**

Which statement describes a Container Storage Interface (CSI) in vSphere Supervisor?

- A. It is a plug-in that only works with vSphere object storage.
- B. It is a plug-in that allows providers to expose storage as persistent storage.
- C. It is a plug-in that is only used for clusters which require cloud native storage.
- D. It is a plug-in that is required for ephemeral storage.

**Answer:** B

#### NEW QUESTION 24

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 25

An administrator is responsible for managing a VMware Cloud Foundation (VCF)-based private cloud. The private cloud consists of a single tenant with two projects: Development and Production.

The administrator has been tasked with ensuring that, when users deploy new VMware Supervisor-based resources within the private cloud, they meet the following criteria:

- ? By default, all Kubernetes clusters must tolerate a single control plane node failure.
- ? Only Kubernetes cluster resources will be deployed within the production project.
- ? In the development project, resources must be minimized.

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

- A. Create a new IaaS Resource Policy for the production project using the Disallow VM resource template.
- B. Create a new IaaS Resource Policy for the development project using the Enforce multi-control-node Kubernetes cluster template.
- C. Create a new IaaS Resource Policy for the organization using the Disallow VM resource template.
- D. Create a new IaaS Resource Policy for the development project using the Enforce single-control-node Kubernetes cluster template.
- E. Create a new IaaS Resource Policy for the production project using the Enforce single-control-node Kubernetes cluster template.
- F. Create a new IaaS Resource Policy for the organization using the Enforce multi-control-node Kubernetes cluster template.

**Answer:** ABD

#### NEW QUESTION 27

An administrator is tasked to configure network connectivity to the organization's corporate network for their container workloads to be deployed on VMware Kubernetes Service (VKS) clusters backed by VMware NSX networking on a new VMware Cloud Foundation (VCF) deployment. Which gateway connectivity type should the administrator deploy?

- A. Round-robin Connectivity
- B. Distributed Connectivity
- C. Physical Connectivity
- D. Centralized Connectivity

**Answer:** D

#### NEW QUESTION 28

Which component is used to provision Kubernetes workload clusters?

- A. Carvel
- B. Cluster API
- C. cert-manager
- D. Harbor

**Answer:** B

#### NEW QUESTION 30

Which two types of group can be created to collect and manage objects in Istio Service Mesh? (Choose two.)

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

**Answer:** BC

#### NEW QUESTION 32

An administrator has been asked to create a dashboard in VMware Cloud Foundation (VCF) Operations and share it with a specific group of users.

The following requirements have been provided:

- ? The users must be authenticated in VMware Cloud Foundation (VCF) Operations.
- ? The individual users should receive access to this dashboard for 3 months after which it must be revoked automatically.

Which three steps should the administrator take to complete the stated requirements?

(Choose three.)

- A. Schedule and send a report using the dashboard as a view.
- B. Create an embedded code to the dashboard.
- C. Grant access for 3 months.
- D. Use Identity Broker to authenticate users.
- E. Grant users access to the dashboard.
- F. Publish the embedded code on the company intranet.

**Answer:** CDE

#### **NEW QUESTION 33**

An administrator is responsible for managing a VMware Cloud Foundation (VCF) fleet. The administrator has been tasked with creating a solution that allows Kubernetes development teams to complete the self-service creation of Active Directory (AD) accounts with the following requirements:

? Only users within the Development tenant should be able to create user accounts.

? Users must be able to create and destroy user accounts in the development AD only. The administrator has already deployed a dedicated VCF Operations Orchestrator for the Development tenant.

What four additional tasks must the administrator complete to meet the stated objective? (Choose four.)

- A. Publish the Active Directory User creation action to the self-service catalog in VCF Automation through the Content Hub.
- B. Configure the VCF Operations Orchestrator integration to connect to the dedicated VCF Operations Orchestrator.
- C. Publish the Active Directory User creation workflow to the self-service catalog in VCF Automation through the Content Hub.
- D. Configure the VCF Operations Orchestrator Active Directory plugin to connect to the production Active Directory.
- E. Configure the VCF Operations Orchestrator Active Directory plugin to connect to the development Active Directory.
- F. Create a Custom Resource object and select the appropriate VCF Operations Orchestrator workflows for object creation and destruction.
- G. Configure the VCF Operations Orchestrator integration to utilize the embedded VCF Operations Orchestrator.

**Answer:** BCEF

#### **NEW QUESTION 34**

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 35**

An administrator has been tasked with providing audit information from VMware Cloud Foundation (VCF) such as logins and configuration changes in VCF Operations. What must be configured to provide the required information?

- A. Configure Audit logs for every VCF instance.
- B. Integrate VCF Operations for Logs.
- C. Enable Audit Events.
- D. Enable Event logs in every vCenter server.

**Answer:** B

#### **NEW QUESTION 39**

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