

VMware

Exam Questions 2V0-17.25

VMware Cloud Foundation 9.0 Administrator



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 must configure a new Project in the Development tenant of VCF Automation. The requirement is to minimize ongoing management overhead as new developers onboard. Which four steps should be taken? (Choose four.)

- A. Log in to the Development tenant as a Project Administrator.
- B. Assign at least one Cloud Zone to the Project.
- C. Assign both Project Administrators and Project Members to the Project using Active Directory Users.
- D. Create a new Project.
- E. Assign at least one Namespace to the Project.
- F. Log in to the Development tenant as an Organization Administrator.
- G. Assign both Project Administrators and Project Members to the Project using Active Directory Groups.

Answer: ABDG

NEW QUESTION 3

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 4

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 5

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 6

An administrator is tasked to upgrade a VMware Cloud Foundation (VCF) environment from 5.2 to 9.0. During preparation, the administrator sees only the SDDC Manager 9.0 bundle available. Why are no other bundles available?

- A. An offline repository was used for upgrade bundles.
- B. A proxy server was used to download bundles.
- C. The ASYNC tool must be used to download all required bundles.
- D. SDDC Manager must be upgraded first.

Answer: D

NEW 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 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 8

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 9

A large corporation recently experienced a power outage at one of its primary data centers resulting in service disruption for customers in that region. An administrator is tasked to assess the current infrastructure and propose a plan to improve resiliency.

Current configuration:

? Single-site vSAN Express Storage Architecture (ESA) cluster

? 12 hosts

? Cluster resource utilization (CPU, memory, and storage) is under 30%

Which solution would improve resiliency and minimize service disruption in data center outages with a recovery point objective (RPO) of zero without requiring additional hosts?

- A. Relocate six ESX hosts to another data center and configure a vSAN Stretched Cluster.
- B. Deploy VMware Live Recovery to maintain an identical copy in a secondary site.
- C. Convert existing production workload to a 2 failures – RAID-1 storage policy.
- D. Configure the twelve ESX hosts into six fault domains.

Answer: A

NEW QUESTION 10

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 10

An administrator must obtain an overview of all vSAN and non-vSAN datastores within a VCF environment using VCF Operations. Where should the administrator access this information?

- A. Storage Overview
- B. Diagnostic Findings
- C. Data Protection & Recovery
- D. VCF Health

Answer: A

NEW QUESTION 11

Which two resources can be configured in a VM Class in VMware vSphere with vSphere Supervisor? (Choose two.)

- A. CPU
- B. Memory
- C. Network interface
- D. PCI devices

E. Storage

Answer: AB

NEW QUESTION 14

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 16

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 17

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 22

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 23

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 26

An administrator creates a custom alert in VCF Operations for a VM with a symptom definition: ??Read Latency > 1 ms.?? The alert should trigger immediately once the symptom condition occurs. What additional step is required to ensure the alert functions?

- A. Enable the alert in an Active Policy.
- B. Create a new Payload Template.
- C. Create an instance of the REST Notification Plugin.
- D. Create and enable a super metric for read latency in the Active Policy.

Answer: A

NEW QUESTION 31

Which two are use cases for VMware Cloud Foundation (VCF) Automation? (Choose two.)

- A. Implement alerting based on resource utilization.
- B. Implement VMware Cloud Foundation Virtual Private Cloud (VPC).
- C. Provide a Self-Service Catalog.
- D. Deploy VMware Private AI Foundation with NVIDIA Workloads.
- E. Provide application dependency mapping.

Answer: CE

NEW QUESTION 33

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 34

An administrator has deployed a VMware Cloud Foundation (VCF) environment and needs to monitor the health of the environment. Which three components can be monitored using VCF Health in VCF Operations? (Choose three.)

- A. VCF Operations
- B. ESX hosts
- C. vCenter Server
- D. VCF Operations Fleet Management
- E. VCF Operations for Logs
- F. NSX

Answer: BCF

NEW QUESTION 35

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 40

An administrator must create different pricing information for clusters in a VCF fleet.

Requirements:

- ? CPU, memory, storage costs same across clusters.
- ? VM setup charges only for SAP HANA cluster.
- ? All other settings remain default.
- ? Name new policy ??Resources??

Which three settings must be configured? (Choose three.)

- A. Create new policy ??Resources?? under Base Settings and define CPU, memory, storage costs.
- B. Set ??Resources?? policy as default.
- C. Set ??Default Policy?? as default.
- D. Create new policy under ??Resources?? for SAP HANA VM setup charges.
- E. Create new policy under ??Base Settings?? for SAP HANA VM setup charges.
- F. Create new policy under ??Default Policy?? for SAP HANA VM setup charges.

Answer: ABE

NEW QUESTION 42

An administrator has been tasked to create a new cluster in an existing VMware Cloud Foundation (VCF) instance. The hosts within the cluster have different generation Intel processors.

What feature must be configured on the cluster to ensure VMware Distributed Resource Scheduler (DRS) is able to automatically move Virtual Machines within the cluster?

- A. vSphere Fault Tolerance
- B. vSphere Availability
- C. Host Affinity Rules
- D. Enhanced vMotion Compatibility

Answer: D

NEW QUESTION 45

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 48

An administrator must replace a component's certificate in VCF with an external CA-signed certificate. What format must be used when creating the certificate?

- A. DER
- B. PFX
- C. P7B
- D. PEM

Answer: D

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 55

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