

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 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 3

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 4

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 5

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 6

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 7

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 8

An administrator configures a new NSXoverlay segmentfor 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 9

Which two resources can be configured in aVM Classin VMware vSphere withvSphere Supervisor? (Choose two.)

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

Answer: AB

NEW QUESTION 10

What is the purpose ofIstio Service Mesh?

- A. Provides service discovery across multiple clusters.
- B. Provides an infrastructure layer that makes communication between applicationspossible, 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 11

Before creating anOrganization for All Applicationsin VCF Automation to support Kubernetes workloads, which two prerequisites must be completed? (Choose two.)

- A. vSphere Supervisor must be activated in the Management workload domain.
- B. vSphere Supervisor must be activated in the workload domain.
- C. A Region must be configured in the Provider Management Portal.
- D. Workload domain must be configured for NSX Federation.
- E. VKS must be activated in the Management workload domain.

Answer: AC

NEW QUESTION 16

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 hardwarecompatibility 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 21

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 23

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 28

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 31

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 32

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 37

During creation of a new Organization for All Applications in VCF Automation, which four NSX constructs are automatically configured at the regional networking step? (Choose four.)

- A. A Default Virtual Private Cloud (VPC)
- B. A Provider Tier-0 Gateway
- C. An outbound Destination Network Address Translation (DNAT) rule

- D. An NSX Transit Gateway
- E. An outbound Source Network Address Translation (SNAT) rule
- F. A Virtual Distributed Switch (VDS)
- G. A Virtual Private Cloud (VPC) connectivity profile

Answer: ABEG

NEW QUESTION 42

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 46

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 47

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 51

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 56

An administrator is deploying a new VCF instance in an existing fleet. Which three components must be deployed? (Choose three.)

- A. vCenter
- B. vSphere Supervisor
- C. VCF Automation
- D. NSX Manager
- E. SDDC Manager
- F. VCF Installer

Answer: ADE

NEW QUESTION 58

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 61

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 64

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 69

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