Vendor: VMware

Exam Code: 2V0-17.25

Exam Name: VMware Cloud Foundation 9.0 Administrator

Version: DEMO

QUESTION 1
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
Explanation:
VCF supports only certificates in PEM format when replacing system component certificates with those signed by an external Certificate Authority.
PEM is the standard Base64 format with .crt and .key files. PFX (PKCS#12) is used for Windows stores but not supported in VCF automation. P7B is for certificate chains, while DER is binary encoding. Thus, the required format for certificates in VCF is PEM.

QUESTION 2
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
Explanation:
For RAID-6 (erasure coding with double parity), the minimum required host count is 6.
"RAID-6 (Erasure Coding with FTT=2) requires a minimum of six hosts in a vSAN ESA cluster. This ensures that data and parity components can be distributed across unique failure domains."
With fewer than six hosts, RAID-6 cannot be enforced and auto-policy management will fall back to RAID-1 mirroring. RAID-6 in vSAN ESA provides higher storage efficiency but comes with stricter host count requirements. Options 2 and 4 are far below requirements, while 8 provides more redundancy but is not the minimum. Therefore, the correct minimum number of hosts for RAID-6 with ESA is 6.

QUESTION 3
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
Explanation:
Fleet Management: "VCF Operations Fleet Management enables cross-instance monitoring,

unifying health and metrics across multiple VCF instances."
Operations for Networks: "Provides application and network visibility, dependency mapping, and traffic analytics. Required to complete full-stack monitoring." Core VCF Operations is already deployed as part of the management stack and does not need to be added separately.
Operations for Logs is optional for log aggregation, not mandatory for full-stack observability.

QUESTION 4
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
Explanation:
The VCF 9.0 Operations Access Control Guide describes how dashboard sharing and user access is managed:
Identity Broker Authentication (D):
All external users must authenticate via the VCF Identity Broker, which integrates with Active Directory, LDAP, or other identity providers. Documentation states: "Identity Broker provides single sign-on and federation, ensuring users are authenticated consistently across VCF Operations and Automation services."
Grant Access to Dashboard (E):
After authentication, the administrator must explicitly grant access to the dashboard for the specified group. This ensures that only the intended users can view or interact with the dashboard.
Set Time-Bound Access (C):
VCF Operations supports time-bound access policies. The documentation specifies: "Access can be granted with an expiration period, ensuring access is automatically revoked after the configured interval (for example, 90 days)." This aligns with the 3-month requirement.

QUESTION 5
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
Explanation:
Each new VCF instance requires its own management domain consisting of vCenter Server, NSX Manager cluster, and SDDC Manager.
vCenter (A) is required to manage ESXi hosts and clusters.
NSX Manager (D) provides software-defined networking for the instance.
SDDC Manager (E) is the lifecycle and management component central to each VCF instance.

QUESTION 6
An administrator has been tasked with creating an alert in VMware Cloud Foundation (VCF) Operations with the following settings:

```
- Wait cycle: 2
- Cancel cycle: 2
```

Assuming the alert is not resolved, how much time elapses by default between the symptom triggering and the alert automatically cancelling itself?

A. 40 minutes
B. 4 minutes
C. 10 minutes
D. 20 minutes

Answer: D
Explanation:
Wait Cycle: The number of consecutive collection cycles that the symptom must remain true before the alert is triggered.
Cancel Cycle: The number of consecutive collection cycles that the symptom must not be true before the alert is canceled.
Default Collection Interval: VCF Operations collects data every 5 minutes by default.
Given the settings:
Wait cycle = 2 The condition must persist for 2 ?5 minutes = 10 minutes before the alert triggers.
Cancel cycle = 2 The condition must clear for 2 ?5 minutes = 10 minutes before the alert cancels.
Thus, the total elapsed time between the symptom being triggered and the alert being automatically canceled (if unresolved) is 10 minutes wait + 10 minutes cancel = 20 minutes.

QUESTION 7
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

Explanation:
The upgrade to VCF 9.0 begins with the SDDC Manager upgrade. Only after SDDC Manager is upgraded to 9.0 are the other component bundles (vCenter, ESXi, NSX, Operations) made available for download and application.
This design ensures SDDC Manager is compatible with the lifecycle operations required for the rest of the environment. If SDDC Manager is not upgraded first, it cannot process or display other bundles.

QUESTION 8
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
Explanation:
The vSphere CSI driver allows vSphere storage to be exposed as persistent storage to containerized applications running on Kubernetes clusters. The driver implements the Kubernetes CSI specification and enables dynamic provisioning, attach/detach, and snapshot operations for persistent volumes.

QUESTION 9
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
Explanation:
The Storage Overview dashboard provides visibility into capacity, performance, and health across vSAN and non-vSAN datastores. Administrators can track datastore utilization, latency, throughput, and availability from a single pane of glass.

QUESTION 10
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
Explanation:
For environments without Internet access, use the VCF Download Tool on a connected machine to download required bundles and transfer them to the air-gapped VCF environment.

QUESTION 11
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
Explanation:
For VLAN-backed external connectivity, ensure that all hosts in the workload cluster where VPC workloads run have physical access to the VLAN(s) used by the Transit Gateway. This ensures end-to- end packet reachability between VPC segments and the physical router.

QUESTION 12
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
Explanation:
Harbor is an open source registry that secures artifacts with policies and role-based access control, ensures images are scanned and free from vulnerabilities, and signs images as trusted.

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