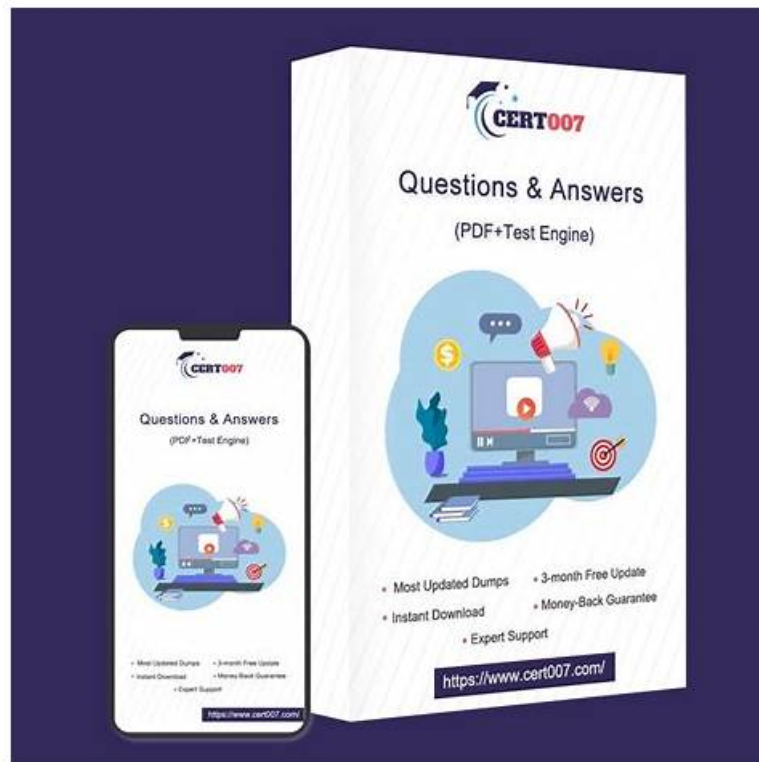


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VMware 2V0-16.25 Exam Syllabus Topics:

Topic	Details
Topic 1	• Troubleshoot and Optimize the VMware Solution: This section of the exam measures the ability of Systems Engineers to troubleshoot and optimize VMware-based environments. While no explicit testable objectives are listed, candidates are expected to apply their problem-solving skills to diagnose, resolve, and enhance VMware solutions for improved reliability and performance.
Topic 2	• VMware vSphere Foundation Fundamentals: This section of the exam measures the skills of Virtualization Engineers and focuses on the essentials of virtualization technology. It introduces the principles of virtualization, explores use cases, and highlights the value it brings to businesses. Candidates are expected to demonstrate knowledge of VMware compute components such as vCenter and ESX, cluster configuration, and lifecycle management of virtual machines. It also covers secure workload operations, encryption, and managing resources with content libraries. In addition, storage fundamentals are examined through configuring vSphere storage, deploying VMware vSAN clusters, defining storage policies, and ensuring data availability. Networking fundamentals are also introduced, requiring the ability to differentiate between VMware vSphere networking components.
Topic 3	• IT Architectures, Technologies, Standards: This section of the exam measures the understanding of IT Infrastructure Architects and covers foundational concepts of architectures, emerging technologies, and industry standards. Although no testable objectives are listed here, it establishes the baseline knowledge needed to interpret and design VMware-related environments effectively.

Topic 4	• Deploy, Configure, and Operate VMware vSphere Foundation (VVF): This section of the exam measures the expertise of Data Center Administrators and emphasizes hands-on skills in deploying and configuring VMware vSphere Foundation environments. Candidates must understand the components of a VVF deployment, configure Supervisors within clusters, and manage identity, access control, licensing, and certificate management. The objectives also extend to lifecycle management within the vSphere Foundation. Furthermore, it explores operational tasks including monitoring and analyzing logs, configuring alerting, managing dashboards, and integrating with VMware Cloud Foundation (VCF) Operations. Candidates will also be tested on cost and pricing configuration, compliance monitoring, and security hardening practices. Finally, automation skills are validated through deploying services with Supervisors, running Kubernetes workloads, using VM services, and integrating VCF Operations Orchestrator to support enterprise automation.
Topic 5	• Plan and Design the VMware by Broadcom Solution: This section of the exam measures the ability of VMware Solution Architects to plan and design solutions. While there are no specific testable objectives included, the focus is on preparing professionals to design VMware-based solutions that align with organizational goals and best practices.

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2V0-16.25 Test Dumps: VMware vSphere Foundation 9.0 Administrator & VMware vSphere Foundation 9.0 Administrator Questions & Answers

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VMware vSphere Foundation 9.0 Administrator Sample Questions (Q17-Q22):

NEW QUESTION # 17

Which VMware Cloud Foundation (VCF) Operations for Logs capability facilitates root cause analysis and troubleshooting?

- A. Dashboarding
- B. Log Forwarding
- C. Log Querying
- D. Alerting

Answer: C

Explanation:

The VCF Operations for Logs capability most useful for root cause analysis and troubleshooting is Log Querying.

* Allows searching, filtering, and correlating log events to diagnose issues.

* Log Forwarding (A) # Sends logs elsewhere, not analysis.

* Alerting (B) # Notifies about issues but does not provide investigation details.

* Dashboarding (C) # Provides visualization, but root cause analysis requires queries.

References:

VMware Cloud Foundation 9.0 - VCF Operations for Logs Capabilities

VMware Docs: Using Log Insight for Root Cause Analysis

NEW QUESTION # 18

An administrator must configure identity access for VMware vSphere Foundation (VVF) to allow admin accounts from the enterprise Active Directory domain corp.local to log in using domain credentials. Security requires authentication to use the default Active Directory protocol, without federation.

Which configuration step is required to enable Active Directory users to authenticate to vCenter?

- A. Configure a trusted identity provider using OpenID Connect (OIDC).
- B. Add the domain controller certificate to the Trusted Root store in vCenter.
- C. Configure Identity Federation using SAML with corp.local.
- **D. Add Active Directory over LDAP as an identity source.**

Answer: D

Explanation:

To allow Active Directory domain users (corp.local) to authenticate in vCenter with domain credentials:

* The correct method is configuring Active Directory over LDAP as an identity source. (D)

* This uses the default AD protocol (LDAP/Kerberos) without requiring SAML or OIDC federation.

Other options:

* A. Adding domain controller certificate# Needed for LDAPS but not the main step.

* B. Identity Federation with SAML# Requires federation, not allowed per requirements.

* C. OpenID Connect (OIDC)# Used for external IdPs, not traditional AD auth.

References:

VMware vSphere 9.0 -Configuring Active Directory Identity Sources

VMware Docs: Add AD over LDAP as Identity Source

NEW QUESTION # 19

An administrator needs to enable the enhanced capabilities of Storage Operations for vSAN 9.0 in VMware Cloud Foundation (VCF) Operations.

What three prerequisite steps must be completed in order to enable the advanced Diagnostic Troubleshooting, Benchmarking and Optimizing?

(Choose three.)

- **A. Assign the credentials configured in the vCenter Integration instance have access to vSAN objects.**
- **B. Enable and start the vSAN Performance service in the target vCenter.**
- C. Open port 5989 on each VCF Operations node on which the vSAN adapter exists.
- **D. Configure a vSAN account for the vCenter Integration Instance.**
- E. No configuration required, Run New Diagnostics is enabled automatically.
- F. Assign the VCF Operations Service Account administrative rights to vSAN Objects.

Answer: A,B,D

Explanation:

To enable enhanced capabilities of Storage Operations for vSAN 9.0 in VCF Operations (Diagnostic Troubleshooting, Benchmarking, and Optimizing), administrators must complete several prerequisites that ensure vSAN health, performance, and permissions are properly set up.

* Enable and start the vSAN Performance service in the target vCenter (B):

* The vSAN Performance Service must be enabled for cluster-level monitoring.

* This provides the telemetry data needed for diagnostic and benchmarking capabilities in VCF Operations.

* Without enabling this service, no performance metrics can be collected.

* Configure a vSAN account for the vCenter Integration Instance (C):

* A dedicated vSAN service account must be configured so that VCF Operations can communicate with vCenter for vSAN data collection.

* This ensures secure and role-specific access for monitoring operations.

* Assign the credentials configured in the vCenter Integration instance to have access to vSAN objects (E):

* The credentials used in the vCenter integration must have the required privileges to access vSAN objects (such as datastore, cluster objects, and health checks).

* This ensures that VCF Operations can run diagnostics, benchmarking, and optimization functions without permission errors.

Why the other options are incorrect:

* A. No configuration required, Run New Diagnostics is enabled automatically.#Incorrect.

Configuration is required before these advanced features can be enabled.

* D. Assign the VCF Operations Service Account administrative rights to vSAN Objects.#Too broad and not a best practice.

Instead, specific rights via the vCenter integration account (option E) are recommended.

* F. Open port 5989 on each VCF Operations node on which the vSAN adapter exists.#Not required for enabling vSAN advanced diagnostics in VCF 9.0. vSAN operations rely on vCenter connectivity, not direct port 5989.

References:

VMware Cloud Foundation 9.0 Documentation -vSAN and VCF Operations Integration VMware vSphere 9.0 -vSAN Performance Service Requirements VMware Docs: vSAN Performance Service Configuration

NEW QUESTION # 20

An administrator is tasked with developing an automated, repeatable process to:

- * Connect to the corporate Active Directory and create a Windows computer object in a defined Organizational Unit.
- * Connect to the target vCenter and create a Windows VM from a template.
- * Power on the VM and join it to the corporate domain.

Which VMware vSphere Foundation (VVF) component is best suited for this task?

- **A. VCF Operations Orchestrator**
- B. VCF Operations
- C. vSphere Supervisor
- D. VCF CLI

Answer: A

Explanation:

The scenario describes an automated, repeatable workflow:

- * Create an AD computer object.
- * Deploy a VM from a template.
- * Power on the VM and join domain.

The correct tool is VCF Operations Orchestrator (formerly vRealize Orchestrator), which:

- * Provides automation and integration with Active Directory and vCenter APIs.
- * Can execute workflows for VM provisioning and domain joining.

Other options:

- * A. vSphere Supervisor# Kubernetes workload management, not AD/VM automation.
- * B. VCF Operations# Monitoring and analytics, not workflow automation.
- * C. VCF CLI# Useful for manual scripting but not suited for automated workflows.

References:

VMware Cloud Foundation 9.0 -VCF Operations Orchestrator Automation Use Cases VMware Docs: vRealize Orchestrator Integration with vSphere & AD

NEW QUESTION # 21

An administrator is tasked to implement a new iSCSI storage for a new cluster.

The following information was provided to the administrator:

- * iSCSI storage controller IPs are all in the same subnet.
- * Multipathing should be used.
- * Storage supports Asymmetric Logical Unit Access (ALUA).
- * Should be configured for high performance.

Which are the four required steps to configure this on an ESX host? (Choose four.)

- **A. Configure 1 vSwitch with 2 Uplinks.**
- B. Configure 2 vSwitch with 1 Uplink.
- **C. Configure two bound VMkernel ports.**
- D. Set Path Selection Policy (PSP) to Most Recently Used (MRU).
- E. Add NVMe over TCP software adapter.
- F. Configure two unbound VMkernel ports.
- **G. Set Path Selection Policy (PSP) to Round Robin (RR).**
- **H. Add iSCSI software adapter.**

Answer: A,C,G,H

Explanation:

For iSCSI multipathing with ALUA and high performance in ESXi:

- * 1 vSwitch with 2 Uplinks# Standard design for redundancy and multipathing. (B)
- * Add iSCSI software adapter# Required to connect to storage. (E)
- * Configure two bound VMkernel ports# Ensures multipathing (one per uplink). (G)

- * Set PSP to Round Robin (RR)# Optimizes I/O balancing across multiple paths. (F) Other options:
- * A. 2 vSwitches with 1 Uplink each# Not recommended, complicates multipathing.
- * C. NVMe over TCP# Not relevant, storage is iSCSI.
- * D. MRU policy# Legacy, not high performance.
- * H. Unbound VMkernel ports# Used for software iSCSI port binding, but "bound" VMkernel ports are required for multipathing.

References:

VMware vSphere 9.0 -iSCSI Configuration with Multipathing

VMware KB 2038869 -Configuring Round Robin PSP with iSCSI

NEW QUESTION # 22

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