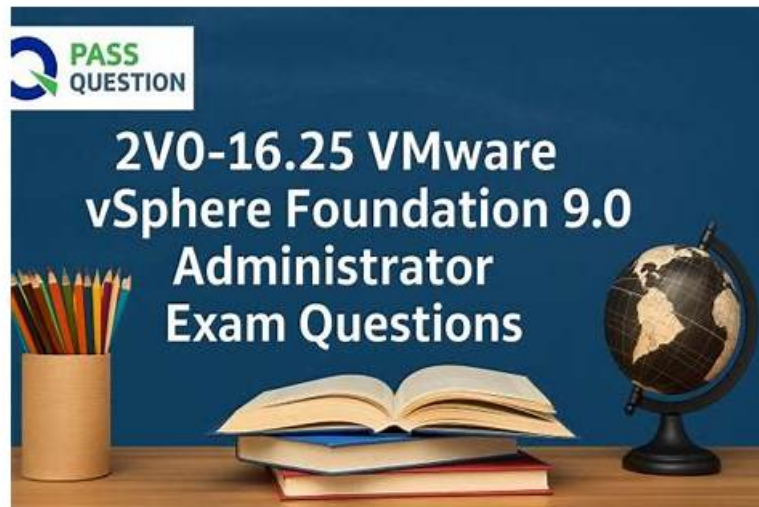


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By concluding quintessential points into VMware vSphere Foundation 9.0 Administrator practice materials, you can pass the exam with the least time while huge progress. Our experts are responsible to make in-depth research on the exams who contribute to growth of our 2V0-16.25 practice materials. Their highly accurate exam point can help you detect flaws on the review process and trigger your enthusiasm about the exam. What is more, 2V0-16.25 practice materials can fuel your speed and the professional backup can relieve you of stress of the challenge.

VMware 2V0-16.25 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• 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 2	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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.
Topic 5	<ul style="list-style-type: none"> 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.

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Real 2V0-16.25 Exam Questions - New 2V0-16.25 Exam Topics

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VMware vSphere Foundation 9.0 Administrator Sample Questions (Q36-Q41):

NEW QUESTION # 36

An administrator is tasked with creating a custom VMware Cloud Foundation (VCF) Operations Web Certificate. What are three requirements to which the certificate must conform to be used with VCF Operations? (Choose three.)

- A. In the certificate file, the server certificate must be first in the order of certificates.
- B. In the certificate file, all certificates and the private key must be in PEM format.
- C. In the certificate file, the server certificate must be last in the order of certificates.
- D. In the certificate file, all certificates and the private key must be in PFX format.
- E. The certificate file must include the server certificate, a private key, and all issuing certificates.
- F. The VCF Operations certificate cannot use the Subject Alternative Name (SAN) extension.

Answer: A,B,E

Explanation:

VCF Operations requires that custom SSL certificates meet these requirements:

- * Certificates and private key must be in PEM format. (A)
- * The server certificate must be listed first in the file. (D)
- * The file must include the server certificate, private key, and full certificate chain (issuing/intermediate/root CA). (E)

Why others are wrong:

- * B. Server certificate last# Incorrect, it must be first.
- * C. Cannot use SAN extension# Incorrect, SAN is supported and recommended.
- * F. PFX format# Not supported for VCF Operations.

References:

VMware Cloud Foundation 9.0.2 -SSL Certificate Requirements for VCF Operations VMware Docs: Replacing vRealize Operations Certificates

NEW QUESTION # 37

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

Answer: C,D,F

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 # 38

Which of the following statements describes hardware abstraction in VMware server virtualization?

- A. Encrypting all data processed by a virtual machine on the operating system level.
- B. Isolating memory access from the operating system and applications running in a virtual machine.
- C. Allowing virtual machines to be live migrated between physical servers with Intel and AMD processors.
- **D. Allowing virtual machines (VMs) to use hardware resources without being tied to specific physical devices.**

Answer: D

Explanation:

Hardware abstraction in VMware virtualization:

- * The hypervisor abstracts physical resources (CPU, memory, storage, networking) and presents them to VMs as standardized virtual hardware.
- * This allows VMs to run independently of underlying physical devices, enabling features like vMotion and hardware independence.

Other options:

- * A. Encrypting data. # Security feature, not abstraction.
- * B. Isolating memory access. # Memory protection, not full abstraction.
- * C. Live migration between Intel and AMD. # Possible with compatibility modes, but not a direct definition of abstraction.

References:

NEW QUESTION # 39

What is the benefit of enabling lockdown mode on VMware ESX hosts?

- A. Simplifies the management of virtual machines.
- B. Improves network performance.
- C. Increases CPU and memory resources available to virtual machines (VMs).
- **D. Restricts direct access to the ESX host, enhancing security.**

Answer: D

Explanation:

Lockdown Mode on ESXi hosts is a security feature that restricts direct login to the ESXi host.

* Once enabled, administrators must manage the host through vCenter Server instead of direct DCUI/SSH access (except for exception users).

* This prevents unauthorized local access and improves overall security compliance.

Other options:

* A. Improves network performance# Not related.

* C. Increases CPU/memory for VMs# Not related.

* D. Simplifies VM management# It actually makes direct management more restricted.

References:

VMware vSphere 9.0 -ESXi Lockdown Mode Overview

VMware Docs: Lockdown Mode in ESXi

NEW QUESTION # 40

What is the purpose of a port group on a Distributed Switch?

- A. To manage storage I/O performance.
- **B. To define a logical grouping of virtual ports for network traffic segmentation.**
- C. To allocate CPU and memory resources to virtual machines.
- D. To enable vSAN connectivity.

Answer: B

Explanation:

A port group on a vSphere Distributed Switch (VDS) provides:

* Logical grouping of virtual ports.

* Defines network policies such as VLAN IDs, traffic shaping, security policies, and teaming.

* Used for segmenting traffic types (vMotion, vSAN, management, VM traffic).

Other options:

* A. Enable vSAN connectivity# Achieved by assigning vSAN traffic to a port group, but not the main definition.

* B. Allocate CPU/memory resources# Done via resource pools, not port groups.

* D. Manage storage I/O performance# Done with Storage I/O Control, not port groups.

References:

VMware vSphere 9.0 -vSphere Networking Basics

VMware Docs: Port Groups on Distributed Switch

NEW QUESTION # 41

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