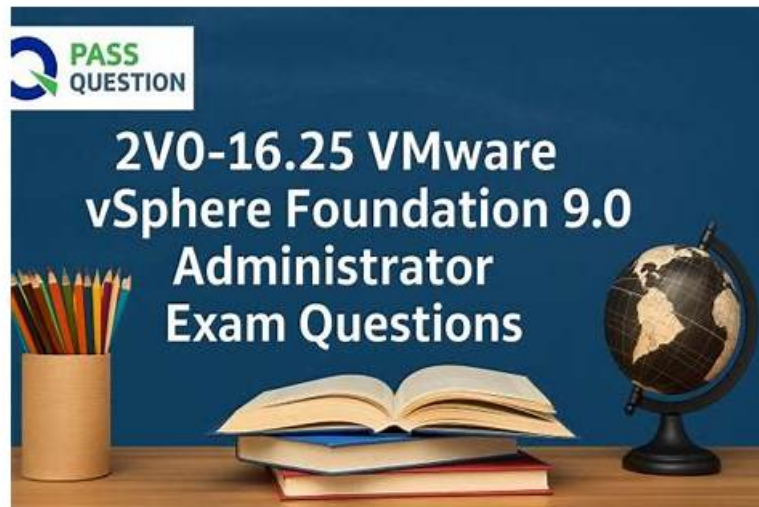


Quiz Valid VMware - 2V0-16.25 - Test VMware vSphere Foundation 9.0 Administrator Book



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VMware 2V0-16.25 Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2	<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 3	<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 4	<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.
Topic 5	<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.

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VMware vSphere Foundation 9.0 Administrator Sample Questions (Q35-Q40):

NEW QUESTION # 35

The security team has requested that high-sensitivity workloads be protected using Confidential Computing in your VMware vSphere Foundation (VVF) 9.0 environment. These workloads handle regulated data that must be isolated from the hypervisor and other tenants, even when running on the same ESX host.

The vSphere administrator is responsible for ensuring that only trusted hosts are used and that virtual machines are configured with hardware-enforced memory isolation.

Which two configurations must you implement to support Confidential Computing for these workloads?

(Choose two.)

- A. Use TPM 2.0 on the guest OS to generate attestation reports for VM launch.
- B. Create virtual machines with hardware version 22 and set the Confidential Computing flag.
- C. Configure Encrypted vMotion with "Required" mode for the VM.
- D. Enable vSphere Trust Authority and set the Confidential Computing flag.
- E. Enable AMD SEV-SNP or Intel TDX support in the host BIOS and confirm compatibility in vSphere.

Answer: D,E

Explanation:

For Confidential Computing in vSphere 9.0:

* Hardware Memory Isolation: Requires AMD SEV-SNP (Secure Encrypted Virtualization - Secure Nested Paging) or Intel TDX (Trust Domain Extensions) enabled in the host BIOS and supported by ESXi. (C)

* Trusted Hosts: Must use vSphere Trust Authority (vTA) to ensure that only verified, secure hosts run Confidential VMs. The VM must have the Confidential Computing flag set. (E) Other options:

* A. VM Hardware version 22# Required for new features, but Confidential Computing specifically requires hardware + vTA.

- * B. TPM 2.0 guest OS attestation# Not used for Confidential Computing, that's host-based attestation.
- * D. Encrypted vMotion Required# Recommended for secure VMotion, but not sufficient for Confidential Computing.

References:

VMware vSphere 9.0 -Confidential Computing Requirements

VMware Docs: vSphere with AMD SEV-SNP and Intel TDX

NEW QUESTION # 36

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

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

Answer: A

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 # 37

An administrator has been tasked with creating a custom alert for an object in VMware Cloud Foundation (VCF) Operations.

When creating the alert, the administrator completes the following:

- * A new symptom definition.
- * A new alert definition.
- * Select the Object type.

What additional step must the administrator take to complete the stated objective and ensure the alert is triggered?

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

Answer: C

Explanation:

When creating a custom alert in VCF Operations, the final required step is:

- * Enable the alert in an Active Policy, so it applies to the target objects.

Without policy activation, the alert exists but will never trigger.

Other options:

- * A. Super metric# Only required if monitoring a custom metric, not for standard alerts.
- * B. REST Notification Plugin# Used for outbound integration, not triggering alerts.
- * C. Payload Template# Used in notifications, not in core alert configuration.

References:

VMware Cloud Foundation 9.0 -Custom Alerts and Policies

VMware Docs: Alert Definitions in vRealize Operations

NEW QUESTION # 38

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

Answer: A

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 # 39

An administrator is tasked to configure shared storage for a VMware vSphere Foundation (VVF) cluster at a remote location.

The following is available at the remote location:

- * Two ESX servers.
- * Two 1GbE network cards per ESX.
- * One sixteen port 1GbE Switch.
- * One NVMe per ESX for the Operating System.
- * One storage system supporting network and fiber channel capabilities.

What storage protocol must the administrator use at the remote location?

- A. vSAN
- B. Local Storage
- C. Fiber Channel
- **D. NFS**

Answer: D

Explanation:

The scenario:

* Remote site with 2 ESXi servers, 1GbE networking only.

* Storage system supports both network (NAS/iSCSI/NFS) and Fiber Channel.

* Fiber Channel is not feasible (no FC switches/HBAs).

* vSAN requires more than 2 nodes (minimum 3 for standard vSAN, 2+Witness for 2-node), not mentioned here.

The most suitable solution:

* Use NFS storage over 1GbE. (D)

* Provides shared storage accessible to both ESXi hosts.

Other options:

* A. vSAN# Needs 3+ nodes or a witness, not supported in this config.

* B. Local storage# Not shared, fails HA/DRS requirements.

* C. Fiber Channel# Requires HBAs and FC switch, not available.

References:

VMware vSphere 9.0 -Supported Storage Protocols

VMware Docs: Using NFS with ESXi Hosts

NEW QUESTION # 40

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