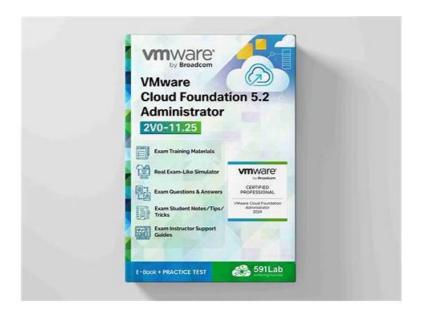
# 2025 VMware 2V0-16.25 Accurate Latest Test Bootcamp



I believe that a lot of people working in the IT industry hope to pass some IT certification exams to obtain the corresponding certifications. Some IT authentication certificates can help you promote to a higher job position in this fiercely competitive IT industry. Now the very popular VMware 2V0-16.25 authentication certificate is one of them. Although passing the VMware certification 2V0-16.25 exam is not so easy, there are still many ways to help you successfully pass the exam. While you can choose to spend a lot of time and energy to review the related IT knowledge, and also you can choose a effective training course. Prep4sureGuide can provide the pertinent simulation test, which is very effective to help you pass the exam and can save your precious time and energy to achieve your dream. Prep4sureGuide will be your best choice.

# VMware 2V0-16.25 Exam Syllabus Topics:

Topic	Details
Topic 1	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 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	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 4	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 5	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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# 100% Pass Quiz Marvelous 2V0-16.25 VMware vSphere Foundation 9.0 Administrator Latest Test Bootcamp

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# VMware vSphere Foundation 9.0 Administrator Sample Questions (Q40-Q45):

# **NEW QUESTION #40**

A virtual machine (VM) owner has requested to move a VM from one cluster to another. The following information has been provided:

- \* The VM cannot have downtime during the transfer.
- \* The same network is present on both clusters.
- \* The datastore that the VM is currently on is not present in the destination cluster.

What step should the administrator perform to move the VM?

- A. Perform a vMotion with Storage vMotion to the new cluster.
- B. Perform a vMotion of the VM to the new cluster.
- C. Inform the owner the VM cannot be moved to the new cluster.
- D. Backup the VM and restore it to the new cluster.

# Answer: A

#### Explanation:

To move a VM to another cluster:

- \* Requirement: Zero downtime# RequiresvMotion.
- \* Challenge: Datastore not shared# RequiresStorage vMotion.
- \* The combined operation, Cross-Cluster vMotion with Storage vMotion, allows moving compute and storage at the same time, with no downtime.

## Other options:

- \* A. vMotion only# Requires shared datastore, not available here.
- \* B. Backup/restore# Causes downtime, not acceptable.
- \* D. Cannot be moved# Incorrect; vMotion + Storage vMotion supports this.

#### References:

VMware vSphere 9.0 - Cross-Cluster vMotion Requirements

VMware Docs: vMotion and Storage vMotion

#### **NEW QUESTION #41**

An administrator has successfully deployed the VMware Cloud Foundation (VCF) Installer appliance to begin a new VMware vSphere Foundation (VVF) deployment. The VMware ESX hosts are powered on and meet all hardware and connectivity prerequisites.

What is the next step to begin deploying vSphere Foundation?

- A. Manually deploy the vCenter Server Appliance.
- B. Enable SSH on all ESX hosts.
- C. Install SDDC Manager using the VCF Installer.
- D. Launch the VCF Installer deployment wizard.

#### Answer: D

#### Explanation:

After successfully deploying the VCF Installer appliance, and ensuring ESXi hosts are powered on and meet prerequisites, thenext step is to:

\* Launch the VCF Installer deployment wizard, which guides administrators through host onboarding, vCenter deployment, and cluster setup forvSphere Foundation.

#### Other options:

- \* A. Enable SSH on all ESX hosts# Not required unless troubleshooting.
- \* C. Install SDDC Manager using VCF Installer# Only applies to full Cloud Foundation, not vSphere Foundation deployment.
- \* D. Manually deploy vCenter Server Appliance# The Installer wizard automates this.

#### References:

VMware Cloud Foundation 9.0 -Using VCF Installer for vSphere Foundation VMware Docs: VCF Installer Deployment Workflow

# **NEW QUESTION #42**

An administrator is tasked to create a new storage policy for an eight-node VMware vSAN Original Storage Architecture (OSA) cluster.

The following specifications have been provided:

- \* Tolerate up to two host failures.
- \* Ensure maximum usable capacity.

Which storage policy settings must the administrator configure?

- A. 2 failures RAID-5
- B. 1 failure RAID-5
- C. 1 failure RAID-1
- D. 3 failures RAID-1

# Answer: A

#### Explanation:

For an8-node vSAN OSA cluster, the administrator needs a storage policy that:

- \* Tolerates2 host failures, and
- \* Providesmaximum usable capacity.
- \* RAID-5/6 (erasure coding) is more capacity-efficient than RAID-1 mirroring.
- \* To tolerate2 failures, the correct policy is RAID-5 with FTT=2.
- \* RAID-1 (mirroring) would consume far more capacity, reducing usable space.

# Other options:

- \* A. 1 failure RAID-1# Only tolerates one failure.
- \* C. 3 failures RAID-1# Provides higher resilience but uses much more capacity, not maximum efficiency.

\* D. 1 failure - RAID-5# Tolerates only one failure.

References:

VMware vSphere 9.0 -vSAN Storage Policy Rules (FTT & RAID)

VMware Docs: vSAN Erasure Coding (RAID-5/6)

#### **NEW OUESTION #43**

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

#### Answer: A,D,E

#### Explanation:

To enableenhanced 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 #44**

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. Configure Encrypted vMotion with "Required" mode for the VM.

- B. Use TPM 2.0 on the guest OS to generate attestation reports for VM launch.
- C. Create virtual machines with hardware version 22 and set the Confidential Computing flag.
- 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 usevSphere Trust Authority (vTA)to ensure that only verified, secure hosts run Confidential VMs. The VM must have the Confidential Computing flagset. (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

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## **NEW QUESTION #45**

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