

## Exam Questions 2V0-11.25

VMware Cloud Foundation 5.2 Administrator

<https://www.2passeasy.com/dumps/2V0-11.25/>



#### NEW QUESTION 1

During a routine check, an administrator observes that several VMs are reporting high memory usage in VMware Aria Operations. They need to verify if the high memory usage is due to memory contention.

What actions should be taken in VMware Aria Operations to verify this?

- A. Review the CPU ready time
- B. Look at the network throughput
- C. Check the memory usage and ballooning metrics.
- D. Analyze the storage I/O performance.

**Answer:** C

#### Explanation:

To verify if high memory usage is due to memory contention, the administrator should check the memory usage and ballooning metrics in VMware Aria Operations. Ballooning occurs when the hypervisor reclaims memory from a virtual machine due to memory contention, and monitoring these metrics can help identify whether the VMs are experiencing memory pressure or being forced to swap memory.

#### NEW QUESTION 2

While deploying the first VI workload domain in a VMware Cloud Foundation solution, which two steps will always be performed by SDDC Manager? (Choose two.)

- A. Configure vSAN for the VI workload domain's storage needs.
- B. Deploy and configure a new vCenter Server instance for the VI workload domain.
- C. Deploy an NSX Edge cluster and configure BGP routing on the TO Gateway.
- D. Connect a new vCenter Server instance to the Application Virtual Network.
- E. Deploy a new NSX Manager instance for the VI workload domain.

**Answer:** BE

#### Explanation:

SDDC Manager automatically deploys and configures a new vCenter Server instance as part of the deployment of the VI workload domain.

SDDC Manager also handles the deployment of a new NSX Manager instance to provide network virtualization services for the VI workload domain.

#### NEW QUESTION 3

An organization requires a private cloud with robust availability and disaster recovery capabilities.

Which three VMware Cloud Foundation components should be considered for integration to meet these requirements? (Choose three.)

- A. NSX for secure and isolated networking.
- B. Aria Operations for Logs for enhanced logging and monitoring.
- C. VMware Live Site Recovery (VLSR) for orchestrated disaster recovery.
- D. vSphere Replication for VM-level data replication.
- E. vSAN for hyper-converged storage and downtime avoidance.

**Answer:** ACD

#### Explanation:

NSX provides network virtualization, offering secure, isolated networking that is crucial for ensuring robust availability and disaster recovery. It supports micro-segmentation and advanced network management features.

VMware Live Site Recovery (VLSR) provides orchestrated disaster recovery capabilities, enabling the organization to efficiently recover workloads and applications in case of a disaster.

vSphere Replication enables VM-level data replication, allowing for recovery and continuity of business operations by ensuring data is replicated across sites for high availability and disaster recovery.

#### NEW QUESTION 4

Which two SDDC Manager operations can be executed on an NSX Edge cluster after it has been deployed? (Choose two.)

- A. Redeploy
- B. Sync
- C. Expand
- D. Delete
- E. Shrink

**Answer:** BD

#### Explanation:

After an NSX Edge cluster has been deployed, you can perform a sync operation to ensure the NSX Edge cluster is in sync with the configuration in SDDC Manager.

Deleting an NSX Edge cluster can be done after it has been deployed if it is no longer required or needs to be removed from the environment.

#### NEW QUESTION 5

What is the first step to take when updating the vSAN database in a VMware Cloud Foundation environment?

- A. Place the vSAN cluster in maintenance mode
- B. Download the latest HCL database from VMware
- C. Check the VMware Compatibility Guide for supported versions
- D. Backup the vSAN database

**Answer:**

D

**Explanation:**

The first step when updating the vSAN database (or performing any update to the vSAN environment) is to back up the vSAN database. This ensures that if any issues arise during the update process, the administrator can restore the environment to a previous state. This step is crucial to ensure data protection and prevent data loss.

**NEW QUESTION 6**

A cloud administrator recently deployed a new VI workload domain. As part of the initial VI domain creation, the administrator created a new SSO domain. However, they reconsidered and now want the domain to use the same SSO domain as the management domain. How can the VI domain be changed from a dedicated SSO domain to sharing the SSO domain with the management domain?

- A. From the SDDC Manager console, use the rsutil command to add the VI workload domain to the management domain SSO ring.
- B. The vSphere SSO domain cannot be changed once it has been deployed and a new VI workload domain that is part of the Management SSO domain must be created, and workloads migrated.
- C. From the VI Workload Domain vCenter Server instance, use the rsutil command to join the management domain SSO ring.
- D. From the Management Domain vCenter Server instance, use the rsutil command to add the VI workload domain to the management domain SSO ring.

**Answer:** B

**Explanation:**

Once the vSphere Single Sign-On (SSO) domain is set up for a workload domain, it cannot be changed. If you need the VI workload domain to use the same SSO domain as the management domain, you must create a new VI workload domain that is part of the management domain's SSO ring, and then migrate the workloads to the new domain.

**NEW QUESTION 7**

A Cloud Administrator has been tasked with verifying all of the prerequisites are in place prior to deploying VMware Aria Suite Lifecycle. The following information has been provided for the Aria Suite Lifecycle implementation:

hostname: lcm

domain: vcf.company.com IP address: 10.0.0.150/24 IP gateway: 10.0.0.1

Which two items must the Cloud Administrator ensure are available prior to deploying VMware Aria Suite Lifecycle? (Choose two.)

- A. An Application Virtual Network is configured in SDDC Manager
- B. A DNS PTR Record for 10.0.0.1 that points to lcm.vcf.company.com
- C. A DNS A Record for lcm.vcf.company.com that points to 10.0.0.150
- D. An allocated IP address for the NSX standalone Tier-1 Gateway
- E. A CA-signed SSL certificate for Aria Suite Lifecycle added to SDDC Manager

**Answer:** CD

**Explanation:**

A DNS A record is necessary to resolve the hostname (lcm.vcf.company.com) to the specified IP address (10.0.0.150) so that it can be correctly accessed during the deployment.

A DNS PTR record is required for reverse DNS lookup, which ensures proper identification of the IP address (10.0.0.1) to the hostname (lcm.vcf.company.com), which is important for network validation during the deployment process.

**NEW QUESTION 8**

When commissioning new hosts in VMware Cloud Foundation, which three parameters must be provided? (Choose three.)

- A. Network Pool Name
- B. Storage Type
- C. Hardware Type
- D. SSO Domain Name
- E. ESXi Version
- F. Username

**Answer:** BDF

**Explanation:**

Storage Type: The storage type needs to be specified during the commissioning of new hosts in VMware Cloud Foundation, as it is important for the configuration of storage resources for the hosts.

SSO Domain Name: The Single Sign-On (SSO) domain is an essential parameter to associate the hosts with the existing authentication domain.

Username: The administrator needs to provide a username with appropriate permissions to configure the hosts during the commissioning process.

**NEW QUESTION 9**

An administrator is deploying an NSX Edge cluster from SDDC Manager. The administrator plans to configure the Border Gateway Protocol (BGP) to enable dynamic routing with the upstream physical networking.

Which three values must be provided when configuring BGP? (Choose three.)

- A. BGP Password
- B. BGP Autonomous System Number (ASN)
- C. BGP Router ID
- D. BGP Peer IP
- E. BGP Route Topology

**Answer:** BCD

**Explanation:**

The BGP Autonomous System Number (ASN) is a unique identifier that must be configured for BGP to define the routing domain.

The BGP Router ID is used to uniquely identify the BGP router in the network.

The BGP Peer IP is required to establish a BGP peering relationship with an upstream router or another BGP-enabled device.

#### NEW QUESTION 10

Which is the appropriate first action to take to resolve dropped network packets on an ESXi host?

- A. Check physical network switch configuration
- B. Enable Storage I/O Control
- C. Increase the CPU and memory allocation for VMs
- D. Migrate VMs to another data store

**Answer:** A

#### Explanation:

Dropped network packets are often caused by misconfigurations or issues at the physical network layer. Checking the physical network switch configuration is the first step to ensure that the network settings, such as VLANs, uplinks, and port configurations, are correctly set up. This ensures proper connectivity and traffic flow for the ESXi host and the VMs.

#### NEW QUESTION 10

A VMware Cloud Foundation administrator notices that the SDDC Manager dashboard shows an alert indicating that one of the ESXi hosts in their workload domain is in a Not Responding state.

What is the first troubleshooting step that should be performed to resolve this issue?

- A. Remove and re-add the ESXi host to the workload domain.
- B. Upgrade the ESXi host to the latest version.
- C. Check the network connectivity between the ESXi host and the SDDC Manager.
- D. Reboot the ESXi host from the SDDC Manager interface.

**Answer:** C

#### Explanation:

When an ESXi host is in a "Not Responding" state in VMware Cloud Foundation, the first step in troubleshooting is to check the network connectivity between the ESXi host and the SDDC Manager. Network issues (e.g., misconfigured VLANs, firewall settings, or network outages) are often the primary cause of communication problems between SDDC Manager and the ESXi host.

#### NEW QUESTION 13

What is the primary benefit of using VMware vCenter Content Libraries?

- A. They enable centralized management and distribution of VM templates, ISO images, and scripts.
- B. They facilitate the creation of virtual networks.
- C. They allow for the automation of VM snapshots.
- D. They provide enhanced security for vCenter Server.

**Answer:** A

#### Explanation:

VMware vCenter Content Libraries provide a centralized location for storing and managing virtual machine templates, ISO images, and scripts, making it easier to distribute these resources across multiple vCenter instances. This helps streamline the deployment process, ensuring consistency and reducing the overhead of managing these resources manually.

#### NEW QUESTION 15

An administrator is troubleshooting a high CPU usage issue in a VMware Cloud Foundation environment running IaaS Control Plane. Several namespaces are reporting degraded performance.

What two steps should the administrator take to diagnose and potentially resolve the issue? (Choose two.)

- A. Reboot the supervisor cluster to clear any temporary issues.
- B. Reconfigure the DRS settings to be more aggressive in load balancing.
- C. Review the CPU usage of the ESXi hosts to identify any that are overcommitted.
- D. Upgrade the vSphere version to the latest release.
- E. Check the resource limits and reservations set on the Kubernetes namespaces.

**Answer:** CE

#### Explanation:

The administrator should review the CPU usage of the ESXi hosts to identify if any hosts are overcommitted. Overcommitted hosts can lead to performance degradation across workloads.

Checking the resource limits and reservations on Kubernetes namespaces is crucial. If the resource limits are too low or improperly configured, it could cause degraded performance for workloads running in those namespaces.

#### NEW QUESTION 19

An administrator needs to ensure that their VMware Cloud Foundation-based private cloud solution can support multi-tenancy for different departments within their organization.

What two configurations and components are necessary to achieve this? (Choose two.)

- A. Configure vSAN storage policies for each department.
- B. Use vSphere Resource Pools to allocate resources to different departments.
- C. Deploy Aria Automation to enable self-service provisioning for tenants.
- D. Use NSX to create isolated network segments for each tenant.



Answer: BD

Explanation:

vSphere Resource Pools allow for the allocation of CPU, memory, and storage resources to different departments (tenants) within the VMware Cloud Foundation environment. This ensures that each department has its own dedicated resources, preventing resource contention between them. NSX can be used to create isolated network segments (logical networks) for each tenant, ensuring network security and segmentation between departments. Each department can have its own isolated network environment.

NEW QUESTION 20

An organization is integrating VMware vCenter with Active Directory (AD) to streamline user authentication. As part of this process, the administrator needs to add AD as an identity source in vCenter. Which three steps must be performed to successfully add AD as an identity source? (Choose three.)

- A. Enter the Domain Name and the credentials of an AD user with domain join privileges
- B. Configure DNS settings on all ESXi hosts to point to the AD DNS servers.
- C. Select 'Add Identity Source' and choose 'Active Directory (Integrated Windows Authentication)'.
- D. Reboot the vCenter Server to apply the identity source settings.
- E. Navigate to the vCenter Single Sign-On configuration in the vSphere Client.

Answer: ACE

Explanation:

When adding AD as an identity source, you need to enter the Domain Name and provide the credentials of an AD user with domain join privileges to authenticate and add the domain. In the vSphere Client, you need to select 'Add Identity Source' and choose the appropriate method for AD integration, which is typically 'Active Directory (Integrated Windows Authentication)'. The process to add AD as an identity source is performed under the vCenter Single Sign-On (SSO) configuration in the vSphere Client.

NEW QUESTION 24

DRAG DROP  
DRAG DROP

Match each vSphere HA host state issue with its troubleshooting step.

Issues	Troubleshooting Steps
Host in Isolation Response	Verify network connectivity and HA isolation response settings
Host in Failover State	Ensure host is powered on and network is properly configured
Host in Unreachable State	Wait for HA to complete its initialization or check logs for errors
Host in Initialization State	Check for sufficient resources on remaining hosts

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Issues	Troubleshooting Steps
Host in Isolation Response	Verify network connectivity and HA isolation response settings
Host in Failover State	Ensure host is powered on and network is properly configured
Host in Unreachable State	Wait for HA to complete its initialization or check logs for errors
Host in Initialization State	Check for sufficient resources on remaining hosts

NEW QUESTION 29

An Administrator is configuring the network within their VCF management domain in preparation to deploy VMware Aria Suite Lifecycle.

What are the two types of virtual networks that the Administrator could configure to support the deployment? (Choose two.)

- A. VLAN-backed Port Groups
- B. Overlay-backed NSX Segments
- C. VXLAN-backed Network Pools
- D. VLAN-backed NSX Segments

**Answer:** AB

**Explanation:**

VLAN-backed Port Groups are used in traditional network environments where VLANs are configured on the physical switches. These port groups can be configured in the management domain to support network connectivity.

Overlay-backed NSX Segments use NSX to create virtual networks overlaid on existing physical networks, which is essential for network virtualization and communication between virtual machines, especially in a VMware Cloud Foundation environment.

**NEW QUESTION 34**

A newly added ESXi host is not able to communicate with the vCenter Server.

What three steps should an administrator take to diagnose and resolve this issue? (Choose three.)

- A. Verify the network configuration on the ESXi host
- B. Check the license on the ESXi host
- C. Use the vSphere Client to review the host's network settings
- D. Ensure that the management network is correctly configured and reachable
- E. Restart the management agents on the ESXi host

**Answer:** ADE

**Explanation:**

Verifying the network configuration on the ESXi host ensures that the host is correctly configured for network communication with the vCenter Server.

The management network must be properly configured and reachable from the ESXi host to communicate with the vCenter Server.

Restarting the management agents on the ESXi host can resolve issues related to communication between the ESXi host and vCenter Server, as sometimes the agents might become unresponsive.

**NEW QUESTION 36**

An administrator needs to secure an ESXi host in their environment by enabling lockdown mode.

What two steps should be taken to secure the ESXi host using lockdown mode? (Choose two.)

- A. Navigate to the host's settings in the vSphere Client.
- B. Enable "Strict Lockdown Mode" to restrict all direct access to the host.
- C. Reboot the host to apply the lockdown settings.
- D. Add the host to a dedicated security group in Active Directory.
- E. Disable SSH and the ESXi Shell.

**Answer:** AB

**Explanation:**

To enable lockdown mode, you first need to navigate to the ESXi host's settings in the vSphere Client, where you can configure security settings such as lockdown mode. Enabling "Strict Lockdown Mode" restricts all direct access to the ESXi host, ensuring that only authorized users can manage the host through vCenter and preventing direct login via the ESXi console or SSH.

**NEW QUESTION 37**

DRAG DROP

Put the following steps in the correct order to update the driver/firmware in vSAN.



- ☐ Verify that the new driver and firmware versions are active and the host is functioning correctly.
- ☐ Download the latest driver and firmware from the hardware vendor's website.
- ☐ Apply the firmware update to the host using the vendor's update tool.
- ☐ Plan for a maintenance window to perform the update.
- ☐ Check the current driver and firmware versions using the vSphere Client.
- ☐ Reboot the host to complete the update process.
- ☐ Update the driver using the vSphere Lifecycle Manager (vLCM)

- ☐ Step 1
- ☐ Step 2
- ☐ Step 3
- ☐ Step 4
- ☐ Step 5
- ☐ Step 6
- ☐ Step 7

A. Mastered  
 B. Not Mastered

Answer: A

Explanation:

- ☐ Verify that the new driver and firmware versions are active and the host is functioning correctly.
- ☐ Download the latest driver and firmware from the hardware vendor's website.
- ☐ Apply the firmware update to the host using the vendor's update tool.
- ☐ Plan for a maintenance window to perform the update.
- ☐ Check the current driver and firmware versions using the vSphere Client.
- ☐ Reboot the host to complete the update process.
- ☐ Update the driver using the vSphere Lifecycle Manager (vLCM)

- ☐ Plan for a maintenance window to perform the update.
- ☐ Check the current driver and firmware versions using the vSphere Client.
- ☐ Download the latest driver and firmware from the hardware vendor's website.
- ☐ Apply the firmware update to the host using the vendor's update tool.
- ☐ Update the driver using the vSphere Lifecycle Manager (vLCM)
- ☐ Reboot the host to complete the update process.
- ☐ Verify that the new driver and firmware versions are active and the host is functioning correctly.

#### NEW QUESTION 42

What is the primary purpose of configuring VM storage policies in a VMware vSphere environment?

A. To manage network traffic between VMs.

- B. To enforce specific storage requirements such as performance, availability, and redundancy.
- C. To configure CPU and memory reservations for VMs.
- D. To automate the backup of virtual machines.

**Answer:** B

**Explanation:**

The primary purpose of configuring VM storage policies in a VMware vSphere environment is to enforce specific storage requirements such as performance, availability, and redundancy. These policies help ensure that virtual machines are placed on datastores that meet the desired service levels and characteristics.

**NEW QUESTION 47**

Which four storage options are available in the SDDC Manager UI during deployment of a VI workload domain in VMware Cloud Foundation? (Choose four.)

- A. iSCSI
- B. NFS
- C. vVol
- D. DATASTOR
- E. VMS on NFS
- F. VMFS on FC
- G. vSAN

**Answer:** BCFG

**Explanation:**

NFS: NFS (Network File System) can be used as a storage option during the deployment of a VI workload domain, typically for storing virtual machine files.

vVol: vVol (Virtual Volumes) provides a storage framework to allow for policy-driven management of virtual machine storage.

VMFS on FC: VMFS (VMware File System) on Fibre Channel (FC) provides block-level storage for virtual machines and is widely used in VMware environments.

vSAN: vSAN (Virtual SAN) is VMware's hyper-converged storage solution, which combines compute and storage resources in a VMware environment, and is available as a storage option for a workload domain.

**NEW QUESTION 48**

An administrator is tasked with deploying a new application that requires both virtual machines and containers.

Which two components of VMware Cloud Foundation would be utilized to provide a unified platform for managing these workloads? (Choose two.)

- A. Aria Operations
- B. IaaS Control Plane
- C. HCX
- D. NSX
- E. Aria Suite Lifecycle

**Answer:** AD

**Explanation:**

Aria Operations: Aria Operations (formerly vRealize Operations) provides a unified platform for managing both virtual machines (VMs) and containers, offering monitoring, analytics, and performance management for the entire environment.

NSX: NSX provides network virtualization and security, which can be used to manage network traffic for both VMs and containers, offering a consistent networking model for both workloads.

**NEW QUESTION 50**

.....



## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 2V0-11.25 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 2V0-11.25 Product From:

<https://www.2passeasy.com/dumps/2V0-11.25/>

## Money Back Guarantee

### 2V0-11.25 Practice Exam Features:

- \* 2V0-11.25 Questions and Answers Updated Frequently
- \* 2V0-11.25 Practice Questions Verified by Expert Senior Certified Staff
- \* 2V0-11.25 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* 2V0-11.25 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year