



VMware

Exam Questions 2V0-11.25

VMware Cloud Foundation 5.2 Administrator

NEW QUESTION 1

After deploying the VMware Cloud Foundation management domain, an administrator needs to configure backup for the components within the domain. Which two steps are involved in configuring the backup of VMware Cloud Foundation management components? (Choose two.)

- A. Configure an external SFTP backup repository on the SDDC Manager.
- B. Manually export the NSX configuration to the SDDC Manager.
- C. Enable the vCenter Server snapshot manager on the SDDC Manager.
- D. Install a third-party backup solution on each ESXi host.
- E. Create a backup schedule on the SDDC manager to automate taking regular backups.

Answer: AE

Explanation:

To configure backups for the VMware Cloud Foundation management components, you must set up an external SFTP backup repository within the SDDC Manager. This repository will store the backup files for management components like vCenter, NSX Manager, and SDDC Manager itself. Creating a backup schedule within the SDDC Manager ensures that regular, automated backups are taken, helping to maintain data integrity and recovery options for the management domain.

NEW QUESTION 2

What are three prerequisites for deploying an NSX Edge cluster in a VMware Cloud Foundation solution? (Choose three.)

- A. Verify that the NSX host overlay VLAN and NSX Edge overlay VLAN are routed to each other.
- B. Set up vSAN storage policies for the Edge VMs.
- C. Create DNS entries for the NSX Edge nodes.
- D. Install Aria Operations and enable Edge Cluster monitoring.
- E. Assign separate VLAN IDs and subnets for the NSX host overlay and NSX Edge overlay networks.

Answer: ACE

Explanation:

The NSX host overlay VLAN and NSX Edge overlay VLAN need to be routed to each other to ensure proper communication between the host and NSX Edge clusters.

DNS entries for the NSX Edge nodes are required to enable name resolution, which is important for the proper functioning of the NSX Edge cluster.

Assigning separate VLAN IDs and subnets for the NSX host overlay and NSX Edge overlay networks is necessary to maintain network isolation and optimize traffic flow between components.

NEW QUESTION 3

What is the first step in downloading the vSphere CLI tools to a developer workstation?

- A. Register the developer workstation with the Active Directory.
- B. Install a compatible version of Java Runtime Environment
- C. Visit the VMware Downloads page and locate the vSphere CLI tools.
- D. Configure the workstation's network settings to connect to the vSphere environment.

Answer: C

Explanation:

The first step in downloading the vSphere CLI tools is to visit the VMware Downloads page, where the vSphere CLI tools are available. From there, you can select the appropriate version for your environment and begin the download process.

NEW QUESTION 4

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 5

DRAG DROP

DRAG DROP

Match each troubleshooting task with its relevant procedure or tool.

Tasks

Setting a host in maintenance mode	
Resolve host connectivity issues	
Resolve certificate issues	
Troubleshoot snapshot issues	

Procedures/Tools

- Use the Certificate Manager tool
- Right-click the host and select "Enter Maintenance Mode"
- Check physical connections and network configuration
- Check for orphaned snapshots and consolidate if necessary

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Tasks

Setting a host in maintenance mode	Resolve certificate issues
Resolve host connectivity issues	Setting a host in maintenance mode
Resolve certificate issues	Resolve host connectivity issues
Troubleshoot snapshot issues	Troubleshoot snapshot issues

Procedures/Tools

- Use the Certificate Manager tool
- Right-click the host and select "Enter Maintenance Mode"
- Check physical connections and network configuration
- Check for orphaned snapshots and consolidate if necessary

NEW QUESTION 6

Which feature of VMware Data Services Manager enhances database security and compliance?

- A. Automated workload migration
- B. Database-Level Authentication
- C. Network traffic optimization
- D. Storage replication

Answer: B

Explanation:

VMware Data Services Manager enhances database security and compliance by providing Database-Level Authentication, which ensures that access to databases is tightly controlled and that only authorized users can access sensitive database information. This is critical for maintaining security and compliance with industry standards and regulations.

NEW QUESTION 7

An organization is implementing a downtime avoidance solution and wants to ensure continuous availability of applications across separate sites that are connected via a high bandwidth/low latency link.

Which two VMware Cloud Foundation components support this capability with stretched clusters? (Choose two.)

- A. vSAN
- B. vSphere
- C. NSX Firewall
- D. vVOL
- E. vSphere Replication

Answer: AB

Explanation:

vSAN: vSAN supports stretched clusters, allowing data to be mirrored across multiple sites to ensure continuous availability and enable high availability for virtual machines in case of a site failure.

vSphere: vSphere also supports stretched clusters, enabling the high availability of applications across multiple sites by allowing virtual machines to be run on either site in the event of a failure.

NEW QUESTION 8

What is the primary benefit of creating a VM template in VMware vCenter?

- A. It enables direct physical access to the underlying hardware.
- B. It accelerates the deployment of VMs with predefined configurations.
- C. It provides enhanced network security for VMs.
- D. It simplifies the process of taking snapshots of VMs.

Answer: B

Explanation:

The primary benefit of creating a VM template in VMware vCenter is that it allows for the rapid deployment of virtual machines (VMs) with predefined configurations, including the operating system, installed applications, and other settings. This accelerates the process of provisioning VMs, ensuring consistency and saving time during deployment.

NEW QUESTION 9

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 10

What is the primary purpose of configuring a Key Management Server (KMS) in vCenter for VM Encryption?

- A. To provide high availability for virtual machines.
- B. To manage encryption keys for securing VM data.
- C. To monitor network traffic for VMs.
- D. To optimize the performance of encrypted VMs.

Answer: B

Explanation:

The primary purpose of configuring a Key Management Server (KMS) in vCenter for VM Encryption is to manage and store the encryption keys that are used to secure virtual machine data. The KMS ensures that encryption keys are handled securely and provides a central management point for encrypting VMs in a VMware environment.

NEW QUESTION 10

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 11

An administrator is tasked with troubleshooting an issue where some VMs are not appearing in the vCenter inventory after a recent migration to a new vSphere environment.

Which two components should the administrator examine to resolve this issue? (Choose two.)

- A. The storage policies applied to the VMs.
- B. The network settings of the new vSphere environment.
- C. The compatibility of the VM hardware version with the new vSphere environment.
- D. The registration status of the VMs in the new vSphere environment.
- E. The vSphere permissions assigned to the VMs.

Answer:

CD

Explanation:

If the hardware version of the virtual machines is incompatible with the new vSphere environment, the VMs may not appear or may fail to register properly. Ensuring compatibility between the VM hardware version and the vSphere environment is essential for successful VM migration. If the VMs are not correctly registered in the new vSphere environment after migration, they won't show up in the vCenter inventory. Checking the registration status helps to identify if this is the issue.

NEW QUESTION 12

An administrator's passwords for their NSX 'root', 'admin', and 'audit' accounts in the Cloud Foundation management domain expired. The administrator logged into the NSX Manager console and changed the passwords for all three accounts. The passwords are now showing a status of "Disconnected" in the SDDC Manager UI.

- A. In order to correct this issue, how can SDDC Manager be updated with the new passwords?
- B. In SDDC Manager, navigate to Password Management and select the account with the password with a "Disconnected" status, click the vertical ellipsis (three dots), and click Rotate.
- C. In SDDC Manager, navigate to Password Management and select the account with the password with a "Disconnected" status, click the vertical ellipsis (three dots), and click Sync.
- D. In SDDC Manager, navigate to Password Management and select the account with the password with a "Disconnected" status, click the vertical ellipsis (three dots), and click Remediate.

Answer: B

Explanation:

To resolve the issue of disconnected accounts in SDDC Manager after password changes, the administrator must navigate to the Password Management section in the SDDC Manager UI. From there, the administrator can select the affected account, click the vertical ellipsis (three dots), and choose Update to enter the new password for that account, ensuring SDDC Manager is synced with the correct credentials.

NEW QUESTION 13

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 18

Which feature of VMware Lifecycle Manager allows an administrator to manage the lifecycle of ESXi hosts by applying a consistent image across the hosts in a cluster?

- A. Host Profiles
- B. Lifecycle Manager Images
- C. Update Manager Baselines
- D. vSphere Auto Deploy

Answer: B

Explanation:

VMware Lifecycle Manager (vLCM) enables administrators to manage the lifecycle of ESXi hosts by applying a consistent image across the hosts in a cluster. These images include the ESXi version, firmware, drivers, and settings, ensuring consistency and simplifying updates and patches across all hosts in a cluster.

NEW QUESTION 22

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 27

An IT team needs to ensure compliance and security for various database workloads managed by Data Services Manager. Which three features of Data Services Manager should be leveraged to achieve this? (Choose three.)

- A. Automated patch management for database instances.
- B. Integration with NSX for network security policies.
- C. Encryption of data at rest and in transit.
- D. Role-based access control (RBAC) to restrict database access.
- E. vSphere DRS for resource scheduling.

Answer: ACD

Explanation:

Automated patch management ensures that database instances are kept up-to-date with the latest patches, which is essential for maintaining compliance and security. Encryption of data at rest and in transit helps protect sensitive database data from unauthorized access and tampering, ensuring compliance with security standards.

Role-based access control (RBAC) restricts database access based on user roles, ensuring that only authorized users have access to sensitive data, which is crucial for compliance and security.

NEW QUESTION 28

What is the primary benefit of enabling Workload Management on a vSphere Cluster?

- A. It integrates vSphere with third-party cloud providers.
- B. It enhances the security of the vSphere environment.
- C. It allows the deployment of traditional VMs with enhanced performance.
- D. It enables the use of Kubernetes for container orchestration on the vSphere platform.

Answer: D

Explanation:

Enabling Workload Management on a vSphere Cluster allows the use of VMware vSphere with Tanzu, which enables the deployment and management of Kubernetes clusters directly on vSphere. This integration allows for container orchestration, making it easier to deploy, manage, and scale containerized applications alongside traditional VMs in the same environment.

NEW QUESTION 32

An administrator logged into NSX Manager to view host details. The administrator noticed that the "Tunnel" status for the ESXi hosts, in the VI workload domain, is showing down.

What is a possible reason the ESXi host tunnels are showing down in NSX?

- A. The IGMP has been disabled on the network.
- B. The MTU setting for the host TEPs has been set to 1500.
- C. The host TEP IP addresses are being dynamically assigned through DHCP instead of being statically assigned.
- D. The overlay traffic is being blocked by the gateway firewall.

Answer: B

Explanation:

The "Tunnel" status in NSX indicates the status of the VXLAN tunnels used for communication between ESXi hosts. If the MTU setting for the host Tunnel Endpoint (TEP) is incorrectly set to 1500, this can cause issues with VXLAN encapsulation, as VXLAN packets typically require an MTU of at least 1600 bytes to function correctly. Setting the MTU too low can cause packet drops and result in the tunnel status being down.

NEW QUESTION 34

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 39

What are the steps to apply software updates in a VMware Cloud Foundation deployment using the VMware Async Patch CLI Tool?

- A. Upload the patch bundle to SDDC Manager, download the confirmation, and then apply the patch.
- B. Apply the patch directly in the VMware SDDC Manager UI from the Software Depot.
- C. Download the patch bundle, upload the bundle to SDDC Manager, and then apply the patch.
- D. Download the patch bundle, apply the patch directly, and then upload the confirmation to SDDC Manager.

Answer: C

Explanation:

To apply software updates in a VMware Cloud Foundation deployment using the VMware Async Patch CLI Tool, the process involves downloading the patch bundle, uploading it to SDDC Manager, and then using the appropriate commands or tools to apply the patch. This ensures that the patch is properly staged in the environment and applied to the necessary components.

NEW QUESTION 43

An administrator has been tasked with creating a real-time view of key performance indicators for their VMware Cloud Foundation private cloud and an automated monthly report that shows the capacity consumed by each development team who use the environment. Which VCF component should the administrator configure to complete their objectives?

- A. VMware Aria Operations for Networks
- B. VMware Aria Operations for Applications
- C. VMware Aria Operations for Logs
- D. VMware Aria Operations

Answer: D

Explanation:

VMware Aria Operations provides comprehensive monitoring, analytics, and performance management for the entire VMware Cloud Foundation environment. It enables real-time views of key performance indicators (KPIs) and can be configured to generate automated reports on capacity consumption, which aligns with the administrator's objectives.

NEW QUESTION 45

A. The FQDN of the Aria Suite Lifecycle appliance

- A. The FQDN of the Aria Suite Lifecycle cluster
- B. A free IP address on the VMware NSX Tier 0
- C. The password for the root account
- D. A free IP Address within the cross-region virtual network segment
- E. The password for the vcfadmin@local account
- F. The password for the admin@local account

Answer: ABDF

Explanation:

The fully qualified domain name (FQDN) of the Aria Suite Lifecycle appliance and cluster are necessary for proper configuration and integration within the VMware Cloud Foundation environment.

The password for the root account is required to authenticate and provide administrative access to the environment.

The password for the vcfadmin@local account is needed to perform administrative tasks related to VMware Cloud Foundation (VCF).

NEW QUESTION 48

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 50

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