

VMware

Exam Questions 2V0-11.25

VMware Cloud Foundation 5.2 Administrator



NEW QUESTION 1

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 2

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 3

During the deployment of a VI workload domain using SDDC Manager, an administrator encounters issues with host configuration. Which three steps should be followed to troubleshoot and resolve the configuration issues? (Choose three.)

- A. Restart the SDDC Manager appliance to reset configurations.
- B. Reconfigure the NSX Edge nodes.
- C. Check the compatibility of the hardware with VMware Cloud Foundation requirements.
- D. Ensure that all ESXi hosts have the correct version of ESXi installed.
- E. Verify that all ESXi hosts are connected to the management network.

Answer: CDE

Explanation:

Verifying hardware compatibility with VMware Cloud Foundation requirements is essential. If the hardware is not compatible, configuration issues can arise during deployment. Ensuring that the ESXi hosts have the correct version installed is crucial because mismatched versions can lead to configuration failures.

Verifying that all ESXi hosts are connected to the management network is important because connectivity issues between hosts and management components can prevent proper configuration during deployment.

NEW QUESTION 4

A company wants to enhance the network virtualization and security capabilities within their VMware Cloud Foundation environment. The goal is to block traffic even between virtual machines connected to the same logical segment (L2 network) using micro segmentation.

Which component can achieve the company's goals?

- A. VMware NSX Intelligence
- B. Network Detection and Response
- C. VMware vDefend
- D. Intrusion Prevention System

Answer: A

Explanation:

VMware NSX Intelligence is a component of VMware NSX that provides micro-segmentation capabilities, enabling the company to block traffic between virtual machines even if they are connected to the same logical segment (Layer 2 network). It enhances security by applying fine-grained security policies at the virtual machine level, preventing unauthorized communication.

NEW QUESTION 5

An administrator is using VMware Aria Automation to automate the provisioning of virtual machines in their VMware Cloud Foundation environment. They notice that the automation workflows are failing frequently and want to troubleshoot the issue.

What step should the administrator take in VMware Aria Operations for Logs to diagnose the cause of the automation workflow failures?

- A. Review the Alert Definitions to ensure alerts for workflow failures are configured.
- B. Check the Audit Logs to see if there are any unauthorized access attempts.
- C. Use the Interactive Analytics feature to search for error messages related to the workflows.
- D. Access the Dashboard to get an overview of system health and performance metrics.

Answer: C

Explanation:

To diagnose the cause of automation workflow failures in VMware Aria Automation, the Interactive Analytics feature in VMware Aria Operations for Logs allows administrators to search for error messages and filter logs related to the specific workflows. This feature enables detailed analysis of log data to identify any underlying issues causing the failures.

NEW QUESTION 6

As part of the preparation for deploying VMware Aria Suite Lifecycle, an administrator needs to create Application Virtual Networks (AVNs). Which three steps are necessary to complete the configuration of AVNs? (Choose three.)

- A. Setup routing policies for AVNs.
- B. Configure the AVNs in the NSX Manager.
- C. Assign AVNs to specific ESXi hosts.
- D. Enable AVNs in the vCenter Server.
- E. Define the IP address ranges for the AVNs.

Answer: BCE

Explanation:

Configure the AVNs in the NSX Manager: AVNs (Application Virtual Networks) are configured within NSX Manager to define the network segments and ensure proper network segmentation for workloads.

Assign AVNs to specific ESXi hosts: After configuring the AVNs in NSX Manager, they need to be assigned to the appropriate ESXi hosts to ensure they are properly mapped to the compute resources.

Define the IP address ranges for the AVNs: Each AVN must have an associated IP address range to provide network addressing for the workloads deployed on them.

NEW QUESTION 7

While preparing to enable Application Virtual Networks (AVNs) and deploying Aria Suite components, an administrator plans to deploy an NSX Edge cluster. What is a requirement for deploying the NSX Edge cluster?

- A. The Edge transport nodes must be configured with an MTU of 1500.
- B. The Edge cluster must be deployed in the management domain.
- C. The Edge transport nodes must be deployed using the 'large' form factor.
- D. The Edge cluster must be configured for NSX Federation.

Answer: B

Explanation:

When deploying an NSX Edge cluster in a VMware Cloud Foundation (VCF) environment, it must be deployed in the management domain. The management domain is responsible for managing and orchestrating various resources, including the NSX Edge cluster, which is crucial for network virtualization and security within the environment.

NEW QUESTION 8

Which option should be chosen when placing a vSAN host into maintenance mode to ensure all data remains accessible during maintenance, while minimizing the time required to complete the operation?

- A. Quick Migration
- B. No Data Migration
- C. Ensure Accessibility
- D. Full Data Migration

Answer: C

Explanation:

When placing a vSAN host into maintenance mode, choosing "Ensure Accessibility" ensures that all data remains accessible during the maintenance operation. It moves data off the host only if necessary, prioritizing accessibility while minimizing downtime. This option is designed to minimize the time required to complete the operation compared to "Full Data Migration."

NEW QUESTION 9

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 10

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 10

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 11

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 16

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 17

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 22

What is the primary purpose of configuring Role-Based Access Control (RBAC) in vCenter?

- A. To ensure vCenter runs on multiple operating systems.
- B. To provide a method for vCenter to communicate with ESXi hosts.
- C. To manage user access and permissions within the vCenter environment.
- D. To enable vCenter integration with external storage systems.

Answer: C

Explanation:

Role-Based Access Control (RBAC) in vCenter is used to define and manage user roles and permissions. It allows administrators to control who can access specific resources and perform actions within the vCenter environment. RBAC ensures that users only have access to the areas and tasks they are authorized to interact with, enhancing security and management.

NEW QUESTION 24

An organization requires granular control over vCenter permissions and they need to assign roles to specific user groups. Which three steps must be followed to assign roles to users or groups in vCenter? (Choose three.)

- A. Manually add each user to the role.
- B. Navigate to the vSphere Client and choose the object for which they want to assign permissions.
- C. Choose 'Add Permission' from the context menu.
- D. Choose the role to assign from the predefined list of roles.
- E. Assign the role to a user or group from the identity source.

Answer: BCD

Explanation:

To assign roles to users or groups in vCenter, you first need to navigate to the vSphere Client and select the object (such as a datacenter, cluster, or host) where the permissions will be applied.

After selecting the object, you use the 'Add Permission' option from the context menu to start the process of assigning permissions.

You then select the role you want to assign, which will be from the predefined list of roles in vCenter. These roles define the level of access for the user or group.

NEW QUESTION 27

Which vSphere component is essential for providing persistent storage to Kubernetes workloads deployed on IaaS Control Plane?

- A. Container Image Virtual Disks
- B. Control Plane Storage Policy
- C. Pod Service D vSAN

Answer: C

Explanation:

The vSphere Pod Service is essential for providing persistent storage to Kubernetes workloads deployed on IaaS Control Plane (formerly vSphere with Tanzu). It enables the integration of Kubernetes with vSphere, allowing the creation of persistent volumes and the management of storage resources for Kubernetes workloads, ensuring that they can utilize vSphere's storage capabilities like vSAN.

NEW QUESTION 30

After a scheduled maintenance window, users report that they are unable to access the vCenter Server. The administrator notices that the vSphere Client is not responding.

What step should the administrator take to troubleshoot this issue?

- A. Review the firewall rules on the vCenter Server.
- B. Check the network connectivity between the vCenter Server and the ESXi hosts.
- C. Verify that the vCenter Server is powered on and its services are running.
- D. Restart the vSphere Client service on the vCenter Server.

Answer: C

Explanation:

When users are unable to access the vCenter Server and the vSphere Client is not responding, the first step is to check if the vCenter Server is powered on and whether its essential services are running. This can include services like the vCenter Server service, vSphere Web Client service, and other related services that enable access to the vCenter Server. If the services are stopped or unresponsive, restarting them may resolve the issue.

NEW QUESTION 34

Which tool is most appropriate for analyzing detailed network performance metrics in a vSphere environment?

- A. vSphere CLI
- B. vSphere Client
- C. vSAN Health Service
- D. Aria Operations

Answer: D

Explanation:

Aria Operations (formerly vRealize Operations) is the most appropriate tool for analyzing detailed network performance metrics in a vSphere environment. It provides comprehensive monitoring, analytics, and performance management, including network performance metrics across the vSphere infrastructure.

NEW QUESTION 35

DRAG DROP

Arrange the steps in the correct order to resolve host connectivity issues.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 39

An administrator needs to ensure that specific virtual machines within a VMware Cloud Foundation environment use storage that can tolerate at least two host failures. As resources are limited, the configuration should use the available resources as efficiently as possible.

Which three steps should be performed to configure a storage policy that meets the requirements? (Choose three.)

- A. Create a new VM Storage Policy in the vSphere Client.
- B. Set Failures to Tolerate to "2 failures - RAID-1 (Mirroring)" in the policy configuration.
- C. Reconfigure the existing Default Storage Policy in the vSphere Client.
- D. Apply the storage policy to the target VMs.
- E. Set Failures to Tolerate to "2 failures - RAID-6 (Erasure Coding)" in the policy configuration.
- F. Configure the policy to use thin provisioning.

Answer: ADE

Explanation:

A new VM storage policy needs to be created in the vSphere Client to define specific requirements for the storage configuration, including tolerance for two host failures.
Once the storage policy is created, it must be applied to the specific virtual machines that require the storage configuration that tolerates two host failures.
To ensure the storage configuration tolerates two host failures efficiently, RAID-6 (Erasure Coding) is the appropriate choice. RAID-6 can tolerate two host failures while minimizing resource usage compared to other configurations like RAID-1.

NEW QUESTION 40

An administrator is preparing to deploy VMware Aria Suite Lifecycle using SDDC Manager. Which three are prerequisites for deploying Aria Suite Lifecycle? (Choose three.)

- A. Ensure that a custom SSL certificate specifying the FQDN of the appliance is available.
- B. Ensure that the NTP and DNS settings specified in SDDC Manager are valid for all management components.
- C. Verify that the password for the admin(g>)local user account meets the complexity requirements.
- D. Ensure that the Application Virtual Networks have been configured.
- E. Ensure the VMware Software Install Bundle for VMware Aria Suite Lifecycle is in the local bundle repository.

Answer: ABE

Explanation:

Ensure that a custom SSL certificate specifying the FQDN of the appliance is available: A custom SSL certificate for the FQDN of the Aria Suite Lifecycle appliance is required for secure communication between components.
Ensure that the NTP and DNS settings specified in SDDC Manager are valid for all management components: Accurate NTP and DNS settings are crucial for time synchronization and proper domain resolution in the environment.
Ensure the VMware Software Install Bundle for VMware Aria Suite Lifecycle is in the local bundle repository: The required software bundle must be available in the local repository to ensure successful deployment.

NEW QUESTION 43

An administrator has been tasked with expanding an existing VMware Cloud Foundation environment by adding a new workload domain. The environment currently has one management domain and one VI workload domain.
What options are available to the administrator for deploying NSX in the second VI workload domain?

- A. The new workload domain can have its own dedicated NSX Fabric or it can join the existing NSX Fabric configured in the existing VI domain.
- B. The new workload domain can have a dedicated NSX Fabric or it can join the existing NSX Fabric configured in either the management domain or existing VI domain.
- C. The new workload domain can have its own dedicated NSX Fabric or it can join the existing NSX Fabric configured in the management domain.
- D. The new workload domain must have a dedicated NSX Fabric.

Answer: B

Explanation:

When expanding a VMware Cloud Foundation environment with a new workload domain, you have the flexibility to either configure a dedicated NSX Fabric for the new domain or join an existing NSX Fabric from either the management domain or a previously established VI workload domain. This allows for consistent and scalable network virtualization across multiple domains in the environment.

NEW QUESTION 47

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 50

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 52

DRAG DROP
 DRAG DROP

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

Issues	Troubleshooting Steps
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Host in Isolation Response</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Host in Failover State</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Host in Unreachable State</div> <div style="border: 1px solid black; padding: 5px;">Host in Initialization State</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Verify network connectivity and HA isolation response settings</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Ensure host is powered on and network is properly configured</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Wait for HA to complete its initialization or check logs for errors</div> <div style="border: 1px solid black; padding: 5px;">Check for sufficient resources on remaining hosts</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Issues	Troubleshooting Steps
<div style="border: 1px dashed black; padding: 5px; margin-bottom: 5px;">Host in Isolation Response</div> <div style="border: 1px dashed black; padding: 5px; margin-bottom: 5px;">Host in Failover State</div> <div style="border: 1px dashed black; padding: 5px; margin-bottom: 5px;">Host in Unreachable State</div> <div style="border: 1px dashed black; padding: 5px;">Host in Initialization State</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Host in Isolation Response</div> <div style="border: 1px dashed black; padding: 5px; margin-bottom: 5px;">Host in Unreachable State</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Host in Initialization State</div> <div style="border: 1px dashed black; padding: 5px;">Host in Failover State</div>

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NEW QUESTION 55

A company plans to enhance its DevOps practices by implementing Kubernetes as part of VMware Cloud Foundation environment. Which three steps should an administrator complete to achieve this integration? (Choose three.)

- A. Deploy HCX to migrate existing VMs to Kubernetes.
- B. Configure Aria Automation to automate the deployment of Kubernetes clusters.
- C. Deploy NSX to manage the networking for Kubernetes clusters.
- D. Configure vSAN to provide storage for Kubernetes workloads.
- E. Enable IaaS Control Plane on existing vSphere clusters.

Answer: BCD

Explanation:

Aria Automation (formerly vRealize Automation) can be configured to automate the deployment of Kubernetes clusters, which aligns with DevOps practices by enabling the self-service and automation of Kubernetes infrastructure.
 NSX is used to manage networking for Kubernetes clusters, providing features such as network segmentation and micro-segmentation, which are essential for secure and scalable Kubernetes deployments.
 vSAN provides the storage infrastructure for Kubernetes workloads, offering distributed and scalable storage that integrates with Kubernetes.

NEW QUESTION 59

What is the primary purpose of configuring a Virtual Distributed Switch (VDS) in a vSphere environment?

- A. To automate the deployment of virtual machines.
- B. To provide centralized management of network configurations across multiple ESXi hosts.
- C. To manage storage policies for datastores.
- D. To enable VM snapshots across multiple datastores.

Answer: B

Explanation:

A Virtual Distributed Switch (VDS) in a vSphere environment enables centralized management of network configurations across multiple ESXi hosts. It simplifies network administration by allowing the administrator to configure network settings, such as VLANs, port groups, and policies, for multiple hosts at once, ensuring consistency and scalability.

NEW QUESTION 64

While deploying a new VMware Cloud Foundation environment, a cloud administrator validates the information entered into the Deployment Parameter Workbook. The validation action results in an error and the VMware Cloud Builder GUI error message does not identify the cause. Which logfile can the administrator use to identify the cause of the validation error?

- A. VMware SDDC Manager appliance - vcf-deployment-debug.log
- B. VMware Cloud Builder appliance - vcf-bringup-debug.log
- C. VMware SDDC Manager appliance - vcf-bringup-debug.log
- D. VMware Cloud Builder appliance - vcf-deployment-debug.log

Answer: D

Explanation:

The vcf-deployment-debug.log file on the VMware Cloud Builder appliance contains detailed logs related to the deployment process, including any validation errors. This log will help identify the cause of the error during the deployment validation phase.

NEW QUESTION 69

DRAG DROP

Arrange the steps in the correct order to generate a performance report in Aria Operations.

Analyze the report for insights on performance, capacity, and utilization.	Log in to Aria Operations.	Navigate to the "Dashboards" section.	Save the dashboard and generate the report.	Select the relevant dashboard or create a new one.	Add the desired performance metrics and widgets to the dashboard.
Step 1	Step 2	Step 3	Step 4	Step 5	Step 6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Analyze the report for insights on performance, capacity, and utilization.	Log in to Aria Operations.	Navigate to the "Dashboards" section.	Save the dashboard and generate the report.	Select the relevant dashboard or create a new one.	Add the desired performance metrics and widgets to the dashboard.
Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Log in to Aria Operations.	Navigate to the "Dashboards" section.	Select the relevant dashboard or create a new one.	Add the desired performance metrics and widgets to the dashboard.	Save the dashboard and generate the report.	Analyze the report for insights on performance, capacity, and utilization.

NEW QUESTION 73

An administrator needs to create a custom role in vCenter Server that is part of VMware Cloud Foundation environment to grant specific privileges to a group of

users.

Which two actions should be taken to create this custom role? (Choose two.)

- A. Choose the privileges required for the custom role.
- B. Navigate to the Roles section in the vSphere Client.
- C. Apply the custom role to the root of the vCenter Server inventory/.
- D. Assign permissions to the custom role before adding privileges.
- E. Clone an existing role in SDDC Manager to create the custom role.

Answer: AB

Explanation:

When creating a custom role, it is essential to choose the appropriate privileges that the role will require. These privileges define what actions the users in the role can perform. To create and manage roles, you need to navigate to the "Roles" section in the vSphere Client. This is where roles are defined and assigned within the vCenter Server.

NEW QUESTION 75

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 80

The administrator of a VMware Cloud Foundation environment notices that log data from multiple components, including vSphere, NSX, and vSAN, is not being collected properly in Aria Operations for Logs.

What two steps should the administrator perform to resolve this issue? (Choose two.)

- A. Check the network connectivity between the Aria Operations for Logs server and the VMware Cloud Foundation components.
- B. Increase the storage capacity of the Aria Operations for Logs server to accommodate more log data.
- C. Reconfigure the log level settings on all vSphere components to ensure detailed logging.
- D. Verify that the Aria Operations for Logs license is still valid and active.
- E. Ensure that the syslog configuration on each ESXi host is pointing to the correct Aria Operations for Logs server.

Answer: AE

Explanation:

Ensuring network connectivity between the Aria Operations for Logs server and VMware Cloud Foundation components is crucial. If there are network connectivity issues, logs may fail to be transmitted to the Aria Operations for Logs server. The syslog configuration on each ESXi host must be set correctly to point to the Aria Operations for Logs server to ensure that log data from ESXi hosts is collected and sent to the log management system.

NEW QUESTION 81

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 86

An administrator is tasked with migrating a set of virtual machines between data centers using HCX.

To minimize downtime and ensure data consistency, which two HCX migration options should be considered? (Choose two.)

- A. HCX Replication Assisted vMotion (RAV)
- B. HCX Network Extension
- C. HCX Bulk Migration
- D. HCX Cold Migration
- E. HCX vMotion

Answer: B

Explanation:

VM storage policies in a VMware vSphere environment are used to define and enforce specific storage requirements for virtual machines, such as performance (e.g., IOPS), availability (e.g., RAID levels), and redundancy. These policies ensure that VMs are placed on storage that meets their particular needs and that storage resources are utilized effectively.

NEW QUESTION 89

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.
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- 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 93

An administrator has deployed a new VMware Cloud Builder appliance using the downloaded OVF file. While attempting to use the VMware Cloud Builder interface, the administrator discovers that no connection can be established to the appliance. Which three configuration errors may have occurred? (Choose three.)

- A. VLAN misconfiguration.
- B. Incorrect DNS settings or inaccessible DNS servers.
- C. Incorrect NTP settings or inaccessible NTP servers.
- D. Incorrect Static IP configuration.
- E. BGP routing misconfiguration.
- F. Incorrect Dynamic IP configuration.

Answer: ABD

Explanation:

A VLAN misconfiguration could prevent proper network connectivity, particularly if the appliance is not in the correct VLAN or if there is a misalignment in network segmentation. Incorrect DNS settings or inaccessible DNS servers can prevent the VMware Cloud Builder appliance from being able to resolve hostnames, leading to connection issues. Incorrect Static IP configuration would result in the appliance being unreachable because it won't have the correct IP address or network configuration to communicate with other components.

NEW QUESTION 95

An organization wants to centralize its VM templates, ISO images, and scripts to streamline deployment processes across multiple sites using Content Libraries. Which three steps are required to create a new Content Library? (Choose three.)

- A. Configure the library to automatically sync with the vSphere Update Manager.
- B. Choose "Create a new library" and enter a name and description for the library.
- C. Select "Local content library" and choose the datastore to store the library contents.
- D. Navigate to the Content Libraries section in the vSphere Client.
- E. Add the necessary permissions to allow users to upload content to the library.

Answer: BCD

Explanation:

When creating a new Content Library, you first need to specify a name and description to define the library's purpose. For a Local Content Library, you need to choose the datastore where the library contents will be stored. This is essential for proper organization and accessibility of content. To create and manage content libraries, you must navigate to the Content Libraries section in the vSphere Client.

NEW QUESTION 99

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 103

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 107

An Administrator is tasked with setting up a new workload domain with VMware Cloud Foundation. The workload domain will have the following configuration:

vSphere with Tanzu to support Kubernetes workloads NSX for container and virtual machine networking

Aria Operations will be configured for monitoring of the infrastructure

Which three steps should be taken to complete the installation and configuration of this workload domain? (Choose three.)

- A. Install Aria Operations agents on all ESXi hosts.
- B. Integrate IaaS Control Plane with the existing vCenter Server.
- C. Configure NSX segments for Kubernetes namespaces.
- D. Deploy the Supervisor Cluster for IaaS Control Plane.
- E. Enable workload management in vCenter Server.

Answer: CDE

Explanation:

NSX segments need to be configured for Kubernetes namespaces to provide network connectivity and isolation for the Kubernetes workloads that will be deployed.

The Supervisor Cluster must be deployed as part of the IaaS Control Plane to manage the Kubernetes workloads and enable vSphere with Tanzu.

Enabling workload management in vCenter Server allows the deployment and management of Kubernetes workloads alongside virtual machines, utilizing vSphere with Tanzu.

NEW QUESTION 108

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 113

An organization is looking to streamline its IT service delivery by automating the deployment of applications and infrastructure across its hybrid cloud environment.

Which VMware Aria Suite component should they use?

- A. Aria Operations for Networks
- B. Aria Operations
- C. Aria Operations for Logs

D. Aria Automation

Answer: D

Explanation:

Aria Automation (formerly vRealize Automation) is designed to automate the deployment of applications and infrastructure across hybrid cloud environments. It enables the provisioning, management, and orchestration of IT services, helping organizations streamline their service delivery.

NEW QUESTION 115

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