

VMware

Exam Questions 2V0-11.25

VMware Cloud Foundation 5.2 Administrator



NEW QUESTION 1

An alert in SDDC Manager indicates that the health status of the vSAN cluster is degraded.

Which tool within VMware Cloud Foundation should be used to gather detailed logs and perform in-depth troubleshooting for the vSAN issues?

- A. Aria Operations for Logs
- B. SDDC Manager
- C. vCenter Server
- D. Aria Operations for Networks

Answer: A

Explanation:

Aria Operations for Logs (formerly known as vRealize Log Insight) is used to collect, analyze, and troubleshoot logs from various components within VMware Cloud Foundation, including the vSAN cluster. It provides detailed insights into the logs, allowing administrators to perform in-depth troubleshooting of issues like degraded health statuses.

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

What is the primary symptom of an issue with vSphere HA host states?

- A. VMs are not being migrated using vMotion
- B. Snapshots cannot be created or consolidated
- C. Hosts frequently disconnect from vCenter Server
- D. HA-protected VMs are not restarted after a host failure

Answer: D

Explanation:

vSphere HA (High Availability) is designed to automatically restart virtual machines on other hosts in the cluster in case of a host failure. If there is an issue with vSphere HA host states, the primary symptom is that HA-protected VMs do not restart after a host failure, which indicates a problem with HA configuration or functionality.

NEW QUESTION 5

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 6

An administrator needs to configure Network IO Control (NIOC) on a Virtual Distributed Switch (VDS) to prioritize storage traffic over other types of traffic. Which two steps should be followed? (Choose two.)

- A. Disable all other traffic types to ensure storage traffic gets full bandwidth.
- B. Navigate to the VDS settings in the vSphere Client and enable NIOC.
- C. Migrate all VM traffic to a standard switch.
- D. Create a new port group specifically for storage traffic.
- E. Assign shares and limits to the new port group to prioritize the storage traffic.

Answer: BE

Explanation:

Network IO Control (NIOC) must be enabled on the Virtual Distributed Switch (VDS) via the vSphere Client to begin configuring and managing bandwidth allocation and prioritization for different types of traffic.

After enabling NIOC, you can assign shares and limits to the specific port group (in this case, for storage traffic) to prioritize the traffic over other types of network traffic.

NEW QUESTION 7

A specific VM is unable to communicate with other VMs in the same network. An administrator needs to identify and resolve the network connectivity issue. What three steps should the administrator follow? (Choose three.)

- A. Verify the port group settings and VLAN configuration
- B. Use the ESXi command line to check the status of the VM Kernel adapter
- C. Verify that the VM is connected to the correct port group
- D. Check the network adapter settings in vCenter Server
- E. Restart the VM to reset its network connections

Answer: ACD

Explanation:

Port group settings and VLAN configurations need to be correct for VMs to communicate with each other on the same network. Ensuring they are properly configured is essential. It's important to check that the VM is connected to the correct port group that matches the network configuration of the other VMs. The network adapter settings in vCenter Server should be reviewed to ensure there are no misconfigurations that could prevent network communication.

NEW QUESTION 8

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 9

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

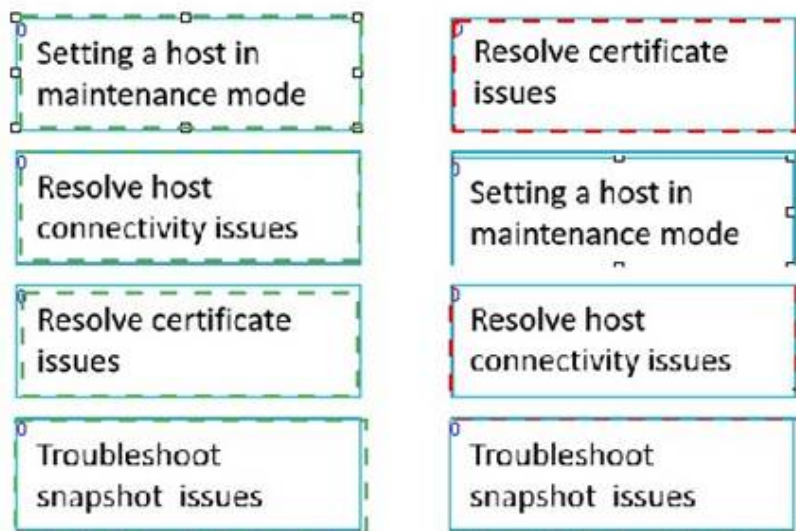
Check for orphaned snapshots and consolidate if necessary

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Tasks



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 10

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 10

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 13

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 14

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 19

An administrator needs to configure and manage storage resources and policies to optimize performance of a VCF environment configured with vSAN. What two steps should the administrator take? (Choose two.)

- A. Enable vSphere HA to ensure high availability and resource distribution.
- B. Monitor the vSAN performance service for insights into the performance issues.
- C. Analyze the current vSAN storage policies and adjust them as needed.
- D. Disable vSAN health alerts to reduce administrative overhead.
- E. Decrease the number of disk groups per host to improve performance.

Answer: BC

Explanation:

The vSAN performance service provides valuable insights into the storage performance, helping identify potential bottlenecks or areas for improvement. Analyzing and adjusting vSAN storage policies is crucial for ensuring optimal performance. Policies such as RAID levels, storage encryption, and other settings can be tweaked to better match the environment's performance requirements.

NEW QUESTION 21

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 26

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 30

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 31

Which three tasks are performed by Cloud Builder during the bring-up process of a VMware Cloud Foundation solution? (Choose three.)

- A. SDDC manager deployment
- B. NSX Edge cluster deployment
- C. Aria Suite Lifecycle Manager deployment
- D. vVols storage configuration for all management hosts
- E. vSphere HA/DRS cluster creation and configuration
- F. vCenter and NSX Manager cluster deployment

Answer: ABF

Explanation:

Cloud Builder deploys the SDDC Manager, which is responsible for managing and automating the VMware Cloud Foundation environment.

Cloud Builder deploys the NSX Edge cluster as part of the network configuration during the bring-up process.

Cloud Builder also deploys the vCenter and NSX Manager clusters to ensure proper management and network virtualization for the VMware Cloud Foundation environment.

NEW QUESTION 32

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 36

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 38

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 42

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 46

What is the recommended method for managing IP address allocation for VMware ESXi hosts in a VMware Cloud Foundation environment?

- A. Static IP address assigned using VMware NSX IP Pools
- B. Dynamic IP addresses assigned via DHCP with reservations
- C. Static IP addresses assigned manually
- D. Dynamic IP addresses assigned via DHCP and without any reservations

Answer: A

Explanation:

In a VMware Cloud Foundation environment, it is recommended to use static IP addresses that are managed via VMware NSX IP Pools. This method ensures consistency, scalability, and centralized management of IP addresses, which is essential for large environments. NSX IP Pools allow for efficient IP address allocation and management.

NEW QUESTION 49

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 54

An administrator needs to ensure that network traffic is protected from interception and tampering during VM migration activities. What feature or setting should the administrator enable to achieve this?

- A. Encrypted vSphere vMotion
- B. vSphere Virtual Machine Encryption
- C. vSphere DRS
- D. vSphere HA

Answer: A

Explanation:

Encrypted vSphere vMotion ensures that network traffic is protected from interception and tampering during VM migration activities by encrypting the vMotion traffic. This feature secures the transfer of virtual machines across hosts in the vSphere environment.

NEW QUESTION 55

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 58

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 63

When configuring a new port group on a Virtual Distributed Switch (VDS), what is the purpose of setting a VLAN ID?

- A. To manage storage replication settings
- B. To segment and isolate network traffic.
- C. To automate the creation of VMs within the port group.
- D. To enable load balancing across multiple uplinks.

Answer: B

Explanation:

Setting a VLAN ID on a port group on a Virtual Distributed Switch (VDS) allows for network segmentation by tagging traffic with the appropriate VLAN ID. This enables isolation of network traffic between different VLANs, ensuring that communication is restricted to specific segments of the network as required.

NEW QUESTION 68

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 73

An administrator is tasked with performing password rotation for VMware Cloud Foundation components managed by SDDC Manager.

Which action must be taken to complete this task?

- A. Use the Async Patch CLI Tool to rotate passwords for all components.
- B. Schedule a maintenance window to rotate the passwords to minimize disruption.
- C. Manually update the passwords in vCenter Server and NSX Manager.
- D. Access the SDDC Manager UI and navigate to the password management section.

Answer: D

Explanation:

Password rotation for VMware Cloud Foundation components is managed via the SDDC Manager UI. In the password management section of the SDDC Manager, administrators can rotate the passwords for various components like vCenter Server, NSX Manager, and other management components.

NEW QUESTION 77

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 79
DRAG DROP
DRAG DROP
Match each vSphere HA host state issue with its troubleshooting step.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

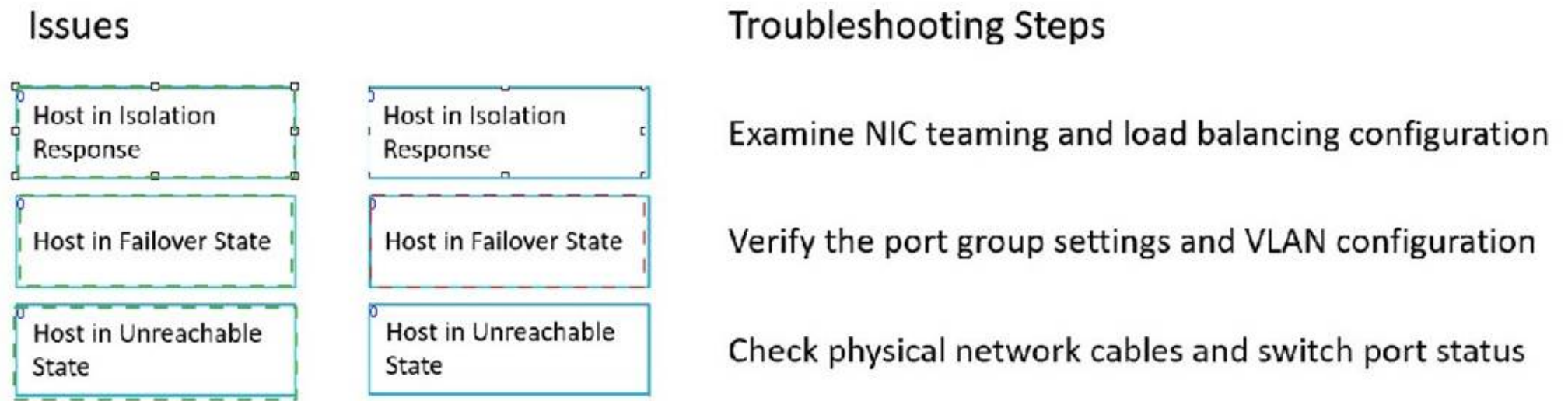
NEW QUESTION 82
DRAG DROP
Match each networking issue with the corresponding troubleshooting step.

Issues		Troubleshooting Steps
<div>Host in Isolation Response</div>	<div></div>	Examine NIC teaming and load balancing configuration
<div>Host in Failover State</div>	<div></div>	Verify the port group settings and VLAN configuration
<div>Host in Unreachable State</div>	<div></div>	Check physical network cables and switch port status

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 87

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 92

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 93

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 98

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 101

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 102

An administrator needs to add a new cluster to an existing VI workload domain. The existing cluster in the domain is using NFS as its principal storage.

Which principal storage options are available for the new cluster?

- A. vSAN, NFS, or VMFS on Fibre Channel
- B. NFS or vSAN
- C. NFS only
- D. vSAN, NFS, VMFS on Fibre Channel, or vVols

Answer: B

Explanation:

In a VMware Cloud Foundation (VCF) environment, when adding a new cluster to an existing VI workload domain, the new cluster must use the same principal storage as the existing cluster. Since the existing cluster is using NFS, the available storage options for the new cluster would be NFS or vSAN, depending on the configuration.

NEW QUESTION 105

An organization is planning to manage a diverse set of databases across multiple VMware Cloud Foundation environments.

Which three capabilities of Data Services Manager would help in managing these databases efficiently? (Choose three.)

- A. Centralized monitoring and alerting for all managed databases.
- B. Policy-based backup and recovery for databases.
- C. Automated VM migration between on-premises and cloud environments.
- D. Automated database provisioning and deployment.
- E. Integration with vSAN for optimized storage management

Answer: ABD

Explanation:

Centralized monitoring and alerting for all managed databases: Data Services Manager enables centralized monitoring and alerting for databases across multiple environments, providing visibility and proactive management.

Policy-based backup and recovery for databases: Data Services Manager allows for the implementation of backup and recovery policies to ensure the safety and availability of databases.

Automated database provisioning and deployment: With Data Services Manager, administrators can automate the deployment and provisioning of databases, streamlining the management process.

NEW QUESTION 106

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 111

Which VMware vSphere feature provides the ability to define and apply datastore capabilities to ensure virtual machines meet specific performance and availability requirements?

- A. Storage Policy Components
- B. Storage Policies
- C. Performance Service
- D. Host Profiles

Answer: B

Explanation:

Storage Policies in VMware vSphere allow administrators to define and apply specific storage requirements for virtual machines, ensuring they meet desired performance and availability standards. These policies enable the alignment of VM storage needs with the capabilities of the underlying datastores.

NEW QUESTION 115

An administrator has a requirement to share the contents of a Content Library across multiple vCenter instances. What steps should the administrator perform to meet this requirement?

- A. Create a Subscribed content library on a single vCenter instance and perform a synchronization
- B. Create a Subscribed content library on each vCenter instance and enable publishing
- C. Create a Local content library on each vCenter instance and perform a synchronization
- D. Create a Local content library on a single vCenter instance and enable publishing

Answer: D

Explanation:

To share the contents of a Content Library across multiple vCenter instances, you need to create a Local content library on one vCenter instance and enable publishing. This allows the library to be accessible by other vCenter instances, where they can subscribe to it, ensuring the content is shared.

NEW QUESTION 116

An administrator needs to configure an ESXi host and create a host profile to ensure consistent configuration across multiple hosts in a cluster. Which three steps are necessary to achieve this? (Choose three.)

- A. Configure the desired settings on a reference ESXi host.
- B. Extract the host profile from the configured reference host.
- C. Manually configure each host to match the reference host settings.
- D. Remediate the non-compliant hosts to ensure they match the host profile.
- E. Apply the host profile to all hosts in the cluster.

Answer: ABD

Explanation:

First, configure the desired settings on a reference ESXi host. This host will be used as the template for creating a consistent configuration across the cluster.

After configuring the reference host, extract the host profile from it. This captures the configuration of the reference host as a host profile.

Remediation is necessary to ensure that other hosts in the cluster align with the reference host's configuration. The host profile can be applied, and remediation will correct any non-compliant settings on other hosts.

NEW QUESTION 120

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 122

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 125

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