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NEW QUESTION: 1

A consultant is showing the Prism Element Web Console to a customer and wants to check that cluster health is OK. During validation, the Health menu raises critical alerts about components using default passwords.

The cluster is based on ESXi as hypervisor, where Prism Central and Nutanix Files are deployed. Passwords have already been changed for a few components, but some of them have been left by default.

How can the consultant check and handle that situation?

- A. Activate Cluster lockdown in Prism Element.
- B. Check accounts and passwords in Local User Management in the vCenter.
- C. Check NCC results and review the associated KB.
- D. Deploy and connect the cluster to Prism Security Central.

Answer: C (LEAVE A REPLY)

To address critical alerts about components using default passwords in the Prism Element Web Console:

* C. Check NCC results and review the associated KB: The Nutanix Cluster Check (NCC) tool can identify security vulnerabilities, including default password usage. Reviewing the results and associated knowledge base articles provides specific guidance on changing these passwords to secure the environment.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), specifically sections on cluster health checks and security practices.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), which includes instruction on using NCC for cluster validation and security enhancements.

NEW QUESTION: 2

What is the minimum number of nodes required for a Nutanix Cluster to support Replication Factor 3 (RF3) on a storage container?

- A. 3
- B. 4
- C. 5
- D. 6

Answer: [\(SHOW ANSWER\)](#)

For a Nutanix cluster to support Replication Factor 3 (RF3), a minimum of 5 nodes is required. RF3 means that three copies of the data are maintained across the cluster for fault tolerance and high availability. Having at least five nodes ensures that there are sufficient nodes to distribute these copies across different fault domains, minimizing the risk of data loss and providing improved resilience against node failures. References: Nutanix Bible, Nutanix Technical Documentation on Data Resiliency.

NEW QUESTION: 3

While creating an image placement policy on the organizations AOS 5.15-based Nutanix cluster, the administrator wants to ensure there are no restrictions on using the selected images on clusters outside of the identified set.

What type of Policy Enforcement must the administrator choose?

- A. Soft
- B. Internal
- C. Hard
- D. External

Answer: [A \(LEAVE A REPLY\)](#)

NEW QUESTION: 4

An administrator receives reports about a Nutanix environment. The investigation finds the following;

- * VMs are experiencing very high latency
- * Each node is equipped with a single SSD, utilized at 95%
- * Each node is equipped with three HDDs, utilized at 40%

Why are the guest VMs experiencing high latency?

- A. CVMs are overwhelmed by disk balancing operations.
- B. All VM write operations are going to HDD.
- C. All VM read operations are coming from HDD.
- D. VMs are unable to perform write operations.

Answer: [C \(LEAVE A REPLY\)](#)

Ref:

<https://next.nutanix.com/prism-infrastructure-management-26/disk-space-usage-high-alert-in-prism-38199>

NEW QUESTION: 5

A consultant notices while assigning VLAN tags to hosts and CVMs in a running cluster, that Prism Element displays alerts indicating a node is down.

What should the consultant do to prevent these alerts?

- A. Stop the Nutanix cluster before changing VLANs.
- B. Only change the Controller Virtual Machine VLANs.
- C. Restart the Nutanix cluster.
- D. Only change the hypervisor VLANs.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 6

A consultant successfully creates a Nutanix cluster. The consultant needs to configure containers for the customer's business-critical applications and general server workloads. The customer requirements are to achieve maximum storage space savings and optimize I/O performance.

What setting(s) should the consultant enable on the storage container(s)?

- A. Compression and deduplication
- B. Deduplication only
- C. Compression and erasure coding
- D. Compression only

Answer: (SHOW ANSWER)

To meet the requirements of maximizing storage space savings while optimizing I/O performance for business-critical applications and general server workloads, enabling both compression and erasure coding on the storage containers is recommended. Compression reduces the data footprint on storage disks, while erasure coding provides data redundancy in an efficient manner, which not only saves space but also enhances data durability and I/O performance for read-intensive applications. References:

* Nutanix University - NCS-Core 6.8 Learning Path

* The Nutanix Bible, Storage Efficiency chapter (<https://www.nutanixbible.com/>)

NEW QUESTION: 7

Refer to the exhibit.

An administrator logs in to Prism and sees the status shown in the exhibit within the Hardware Diagram section.

What should the administrator do?

- A. Resolve all alerts and re-import the disks to make sure there is no service disruption.
- B. Restart all CVMs for the cluster to check, confirm health and repartition and add the disks.
- C. Reseat all disks immediately. If this does not help, reseat the nodes.
- D. Check status of applications running on the cluster and call support

Answer: D (LEAVE A REPLY)

NEW QUESTION: 8

An administrator of a Nutanix Enterprise Cloud has microsegmentation enabled and a firewall VM installed.

The security team notifies the administrator that one of the VMs hosted in the environment has been exhibiting suspect network activity. The administrator wants to isolate the VM from the production network, but must still be able to access it to perform diagnostics.

What should the administrator do to meet the requirement?

- A. Disable the vNIC on the affected VM
- B. Quarantine the VM using the Forensic Method
- C. Create a firewall rule that blocks VM traffic but permits diagnostic access
- D. Create a security policy with a service chain directing that VMs traffic to the firewall VM

Answer: B (LEAVE A REPLY)

Ref <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LleICAG>

NEW QUESTION: 9

A company needs to replicate their VMs to a remote site and must have an RPO of less than 1 hour.

When creating a protection domain, what should an administrator do to meet this requirement?

- A. Enable Async Replication with an RPO of 60 minutes
- B. Enable Near-Sync Replication with an RPO of 15 minutes
- C. Enable Entity Sync on the designated VMs
- D. Enable Availability Zones and send the VM to multiple targets

Answer: A (LEAVE A REPLY)

Explanation

Ref: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_10:sto-pd-guidel

NEW QUESTION: 10

Refer to the exhibit.

An administrator is commissioning a Nutanix Enterprise Cloud. Once the user VMs have been deployed and are running, the administrator finds that VMs on the same host are able to communicate, but are unable to communicate between hosts.

What must be changed to enable full inter-VM communications?

- A. Change the network the VMs are connected to
- B. Change the spanning-tree port type on the switch
- C. The VMs need to have static IP addresses
- D. Update the switch to specifically allow VLAN 15

Answer: (SHOW ANSWER)

Ref: <https://hyperhci.com/2019/11/09/nutanix-ahv-enable-vlan-trunk-mode-on-guest-vm/>

NEW QUESTION: 11

A guest VM is reported to have poor storage performance. It has an I/O profile of 80%read. 20% write, and the HDDs form more than 50% of the read source.

What should an administrator do to resolve this issue?

- A. Increase SSD capacity
- B. Increase the OPLOG
- C. Increase the write cache
- D. Use HDDs with higher RPM

Answer: (SHOW ANSWER)

Explanation

Ref:

<https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2126-SAS-on-Nutanix:BP-2126-SAS-o>

NEW QUESTION: 12

A customer wants to ensure that the Data Protection configuration using Protection Domains is fully functional.

The consultant has configured a protection domain for newly-created VMs with static IP addresses on multiple VLANs. The network administrator confirmed that the correct subnets exist at both physical sites.

After performing a failover operation, the virtual machines are turned back on but have no network access.

Which statement describes this issue?

- A. Network mappings are not configured for the Remote Site.
- B. Nutanix Guest Tools (NGT) are mandatory to use Data Protection.
- C. VirtIO drivers need to be reinstalled after a failover.
- D. Remote Virtual IP addresses are missing for the Remote Site.

Answer: (SHOW ANSWER)

If after performing a failover operation the virtual machines have no network access despite the network administrator confirming the correct subnets at both sites, the likely issue is:

* A. Network mappings are not configured for the Remote Site: This configuration oversight means that although the VMs are online, they do not have appropriate network settings that correspond to the network environment at the failover site, resulting in connectivity issues.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), specifically the sections on disaster recovery and network configurations in failover scenarios.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), covering Data Protection and failover operations.

NEW QUESTION: 13

For a new AHV cluster installation, a customer has 20 NX-8155-G6 nodes with quad port SFP NICs.

The customer wants to meet the following guidelines:

- * Take advantage of all available 10GbE links
- * Achieve maximum throughput per VM
- * Use of redundant ToR switches
- * Fastest reconvergence during link failure

How should the load balancing be configured on the host?

A. ovs-vsctl set port br0-up bond_mode=active-backup

ovs-vsctl set port br0-up other_config:bond-rebalance-interval=30000

B. ovs-vsctl set port br0-up bond_mode=balance-slb

C. ovs-vsctl set port br0-up other_config:lacp-fallback-ab=true

ovs-vsctl set port br0-up lacp=active

ovs-vsctl set port br0-up bond_mode=balance-tcp

D. ovs-vsctl set port br0-up bond_mode=balance-slb

ovs-vsctl set port br0-up other_config:bond-rebalance-interval=30000

ovs-vsctl set port br0 tag=10

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

An administrator has an existing Nutanix seven-node cluster running at RF2 that must be changed to have the following capabilities:

- * RF3 set for the cluster
- * Performance tier deduplication

What is the minimum memory needed on the CVMs to allow for these capabilities?

A. 24GB

B. 28GB

C. 32GB

D. 20G?

Answer: **B** ([LEAVE A REPLY](#))

Explanation

Ref:<https://next.nutanix.com/how-it-works-22/rf2-rf3-requirements-37206#:~:text=Controller%20VMs%20must>

NEW QUESTION: 15

What is the default password shipped on new NX hardware from the factory for the ADMIN user on IPMI?

A. node-serial-number

B. nutanix/4u

C. block-serial-number

D. ADMIN

Answer: **A** ([LEAVE A REPLY](#))

- * Nutanix Security: As part of security improvements (complying with California statute SB-327), Nutanix changed the default IPMI password policy.
- * Node-Specific Password: Each Nutanix NX hardware node now ships with a unique default IPMI password for the ADMIN user.expand_more This password is the node's serial number (using capital letters).expand_more
- * Finding the Serial Number: You can locate the node's serial number either on a physical sticker or by running the ipmitool fru print command on the node.

References:

- * Nutanix Support Portal - Knowledge Base Article 1091: <https://portal.nutanix.com/kb/1091>

NEW QUESTION: 16

An administrator needs to replace the self-signed certificate on a cluster. Which two requirements must be met as part of the process? (Choose two.)

- A. The cluster administrator must restart the interface gateway.
- B. The signed, intermediate and root certificates are chained.
- C. The existing certificate must be deleted prior to replacement.
- D. The imported files for the custom certificate must be PEM encoded.

Answer: B,D (LEAVE A REPLY)

Ref: <https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v55:mul-security-ssl-certificate-pc-t.html>

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NEW QUESTION: 17

A consultant creates three storage containers (container-1, container-2, container-3). The customer requires that only container-1, which will be utilized as an NFS datastore, be presented to external hosts.

However, users are able to mount all three containers.

What is causing this problem?

- A. Deduplication was turned on for all containers.
- B. A Global whitelist entry was configured.
- C. Compression was turned on for all containers.
- D. A Container-level whitelist entry was configured.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 18

Over the period of 2 to 3 weeks, a cluster displays the following:

- *Periods where Warning Alerts of memory usage over 75% are asserted
- *Periods where Critical Warnings of memory usage over 90% are asserted
- *Periods of slow or frozen VDI desktops have caused work stoppage or slowdown
- *VDI clones have periodically not powered up when called, causing work stoppage Which steps should be used to prioritize the administrator's troubleshooting efforts?

A. *Assess resource health on Hardware page

*Review the Analysis page for memory usage demand

*Determine the VDI workload-to-host affinity across the cluster

B. *Analyze Alert Pages for a root cause of memory problem

*Analyze VM table page to access the VM functionality

*Analyze the VDI Clone properties for possible VDI Workload stress

C. *Check Analysis page for CPU demand

*Verify VDI workload property for memory subscription

*Review the Hardware page to determine if the cluster has sufficient RAM

D. *Review Analysis Page for memory use pattern

*Alert with VDI workload demand

*Analyze current and future workload in the Capacity Runaway tab for sufficient resources

Answer: D (LEAVE A REPLY)

For the scenario with memory usage warnings and VDI performance issues, the best approach is to analyze and understand the memory usage patterns and demands on the system. Option D focuses on reviewing the Analysis page to monitor memory use trends and patterns, which is crucial for identifying peak usage times or processes consuming excessive memory. The mention of alerting with VDI workload demand implies the need to monitor and possibly adjust the VDI workload to better fit within available resources. Finally, analyzing current and future workload in the Capacity Runaway tab helps in understanding if the cluster resources are sufficient for the demand, which is critical in planning for capacity management and ensuring that such issues are mitigated moving forward. References: Nutanix Prism User Guide, Nutanix Community resources, VDI performance troubleshooting practices.

NEW QUESTION: 19

Refer to the exhibits.

A consultant is trying to test port failover on the node shown in the first exhibit. A continuous ping test is performed to the host. The consultant shuts down one of the links, after which the host ping request times out.

The consultant tries to troubleshoot the issue with the customer and sees the information shown in the second exhibit on their Cisco Switches:

What is causing the issue?

A. There is a Native VLAN mismatch on the switchport.

- B. The wrong VLAN is tagged on the host.
- C. Bad SPF+ cables are on the active interface.
- D. PortFast is not enabled on the port connected to the host.

Answer: A (LEAVE A REPLY)

In the scenario where a consultant observes ping timeouts after shutting down one of the links during a port failover test, the issue is likely due to a Native VLAN mismatch on the switchport. The configuration settings shown in the second exhibit indicate different native VLANs for the switch ports connected to the Nutanix node. This mismatch can cause connectivity issues when one of the links is down, as VLAN tagging inconsistencies prevent proper fallback and routing of traffic. References: Cisco Networking Troubleshooting Guide, Nutanix Network Configuration Best Practices.

NEW QUESTION: 20

A consultant discovers that while the Foundation VM and the consultant's laptop are able to ping each other nodes are not discovered while trying to run Foundation on the customer's network. What should the consultant do to resolve the issue?

- A. Connect to same switch as the cluster and ping.
- B. Install Java on the Foundation VM.
- C. Enable IPv6 and multicast on the switch.
- D. Enable IPv6 and multicast on the laptop.

Answer: C (LEAVE A REPLY)

When Foundation VM and a laptop can ping each other but nodes are not being discovered, it suggests a network protocol issue. The consultant should enable IPv6 and multicast on the switch. Multicast is required for node discovery in many environments, especially when using Nutanix Foundation, as it helps in the detection and communication between nodes and the Foundation VM. References:

- * Nutanix University - NCS-Core 6.8 Learning Path
- * The Nutanix Bible, Foundation chapter (<https://www.nutanixbible.com/>)

NEW QUESTION: 21

An administrator needs to make sure an RF3 cluster can survive a failure of two complete racks without negatively affecting performance. The current cluster configuration consists of the following:

- * 30 All Flash Nodes: distributed 10 nodes per rack across three 42U racks
- * Each node is configured with 20TB usable storage all flash (Cluster Total 600TB Usable)
- * Current cluster utilization is 500TB storage
- * Storage containers have Erasure Coding enabled

Which configuration changes should be made to make sure the cluster meets the requirements?

- A. Expand the cluster to 48 nodes distributed evenly across 6 racks
- B. Expand the cluster to 50 nodes distributed evenly across 5 racks
- C. Expand the cluster to 60 nodes distributed evenly across 6 racks

D. Expand the cluster to 40 nodes distributed evenly across 5 racks

Answer: C (LEAVE A REPLY)

NEW QUESTION: 22

An administrator learns that some security settings in a cluster have been changed. The environment is out of compliance with required policies.

Which function should be used to revert any settings that have changed from the defaults and prevent further violations?

- A. Cluster Lockdown with strong password enforcement
- B. Advanced Intrusion Detection Environment (AIDE)
- C. Security Configuration Management Automation (SCMA)
- D. Defense Information Systems Agency STIG enforcement

Answer: C (LEAVE A REPLY)

Explanation

Ref:<http://myvirtualcloud.net/nutanix-scma-the-security-feature-that-could-save-your-organization/>

NEW QUESTION: 23

In which part of the Knowledge Transfer can the customer learn how to create, escalate, comment, and close cases?

- A. Operations Guide
- B. Demonstration of the Support Portal
- C. Demonstration of features
- D. Handover Slides and Checklist

Answer: B (LEAVE A REPLY)

The best way for the customer to learn how to create, escalate, comment, and close cases is through a demonstration of the Support Portal. This portion of the Knowledge Transfer focuses on showing customers how to effectively use the Support Portal, which is an essential tool for managing support tickets and communicating with Nutanix support. This hands-on demonstration helps ensure that customers are familiar with the functionalities and can navigate the portal effectively. References:

* Nutanix University - NCS-Core 6.8 Learning Path

* The Nutanix Bible, Support and Maintenance chapter (<https://www.nutanixbible.com/>)

NEW QUESTION: 24

An organization's Nutanix Cluster is based on VMware vSphere. The cluster is configured to download software updates automatically. The administration needs to verify and eventually upgrade VMware hypervisor via Prism UI.

After logging in to Prism, the administrator receives the message shown:

No available versions for upgrade

What is causing the current state?

- A. VMware support has expired, so downloads are not available.

- B. vSphere binaries need to be manually uploaded.
- C. The environment is running the latest vSphere version, so no update is required.
- D. The cluster is unable to connect to release-api.nutanix-ccm:8D.

Answer: C ([LEAVE A REPLY](#))

Explanation

ref:<https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v510:upg-hypervisor>

NEW QUESTION: 25

During the cluster deployment, a consultant conducts operational tests on a vCenter-managed ESXi hypervisor.

As a part of tests, vCenter must place the host into maintenance mode, however, the task is stuck and the CVM is not shutting down automatically.

What should the consultant do to resolve the issue?

- A. Shutdown the CVM using `cvn_shutdown -P now`.
- B. Put the node into maintenance mode using
- C. `accli host.enter_maintenance_mode Hypervisor address`.
- D. Put the node into maintenance mode using `'-/serviceability/bin/esx-shutdown-s cwn_.p_addr`
- E. Shutdown the CVM using `shutdown -h now`.

Answer: ([SHOW ANSWER](#))

When a task to place an ESXi host into maintenance mode is stuck and the CVM (Controller Virtual Machine) is not shutting down automatically, the consultant should manually shut down the CVM. The command `shutdown -h now` is used to halt the system safely. Before executing this command, it is important to ensure that all virtual machines hosted on the CVM have been properly shut down or migrated to avoid any data loss or corruption.

References:

- * Nutanix Community: CVM maintenance and Host maintenance¹
- * Nutanix Support & Insights documentation on Cluster Management Commands²
- * Nutanix Support & Insights on AHV Host Maintenance Mode³

NEW QUESTION: 26

A systems administrator configures a protection domain replication between two Nutanix clusters. After the first successful replication, the administrator tests DR by clicking activate on the remote cluster.

While VMs are active on the remote cluster, the protection domain is marked as active on both clusters.

What steps are required to return both clusters to their original state?

- A. 1. On the remote site, restore the snapshots from the Protection Domain
- 2. On the remote site, select the Protection Domain and migrate to the primary site
- B. 1. On the primary site, suspend replications
- 2. On the remote site, deactivate the Protection Domain using `ncli`

3. On the remote site, migrate the protection domain back to the primary site
- C.** 1. On the remote site, promote the Protection Domain
2. On the primary site, change the Protection Domain state from Decoupled to Disabled
3 Enable the original primary site as remote site
- D.** 1. On the remote site, deactivate the Protection Domain using ncli
2. On the primary site, select the Protection Domain and click migrate

Answer: D (LEAVE A REPLY)

NEW QUESTION: 27

Where can the Foundation version included with an AOS bundle be found?

- A.** AOS Release Notes
- B.** Upgrade Paths menu
- C.** Compatibility and Interoperability Matrix
- D.** Field Installation Guide

Answer: A (LEAVE A REPLY)

The Foundation version included with an AOS bundle can be found in the AOS Release Notes. These release notes typically provide detailed information about all components and versions included in the bundle, ensuring that users are aware of compatibility and new features.

References:

- * Nutanix Bible (<https://www.nutanixbible.com>), where reference to locating AOS bundle details is mentioned.
- * Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), providing instructions on how to access and interpret AOS release notes.

NEW QUESTION: 28

Which Nutanix tool does the Field Installation Guide provide instructions for?

- A.** Prism Central
- B.** Foundation
- C.** As-Built Generator
- D.** Nutanix Move

Answer: B (LEAVE A REPLY)

The Nutanix Field Installation Guide primarily provides instructions for using Foundation. Foundation is the tool used for deploying, imaging, and configuring Nutanix nodes in a new installation or when expanding existing clusters. This tool is essential for setting up the Nutanix environment correctly and efficiently.

- References:
- * Nutanix University - NCS-Core 6.8 Learning Path
 - * The Nutanix Bible, Foundation chapter (<https://www.nutanixbible.com/>)

NEW QUESTION: 29

What reference materials should be provided to the customer during the Knowledge Transfer?

- A.** Questionnaire, technical slides and checklist, links to documentation and resources

- B. As-Built Guide, technical slides and checklist, Network Diagram
- C. As-Built Guide, Project Plan, links to documentation and resources
- D. As-Built Guide, technical slides and checklist, links to documentation and resources

Answer: D (LEAVE A REPLY)

During the Knowledge Transfer phase, providing the customer with the As-Built Guide, technical slides and checklists, along with links to documentation and resources, is optimal. This set of materials ensures the customer receives both detailed and high-level information, supporting a thorough understanding of the deployment and operational procedures, and it allows for easy reference to official resources for ongoing needs. References: The Nutanix Bible, NCS-Core 6.8 learning documentation, and best practices in IT project documentation.

NEW QUESTION: 30

During the knowledge transfer session, a consultant conducts a storage management demo. In the Creating a Storage Container workflow, the customer notices the Advertised Capacity parameter and asks for an explanation.

How should the consultant respond?

- A. It is a capacity computed by dividing physical storage usage of a container by the replication factor (RF).
- B. It assists in reserving space for a storage container to ensure a maximum storage capacity is available.
- C. It enables the ability to cap usage of storage containers to be smaller than the limit of a storage pool capacity.
- D. It assists in reserving space for a storage container to ensure a minimum storage capacity is available.

Answer: C (LEAVE A REPLY)

The "Advertised Capacity" parameter in the context of creating a storage container in Nutanix systems is used to cap the usage of storage containers to be smaller than the limit of a storage pool's capacity. This feature allows administrators to set a maximum storage limit for a container, preventing it from using the entire storage pool's capacity and ensuring that resources are allocated based on planned capacity requirements. This helps in maintaining predictable storage management and allocation within a Nutanix environment.

References: Nutanix Storage Container Management Documentation, Nutanix Best Practices for Storage Configuration.

NEW QUESTION: 31

A customer has NearSync configured. When the administrator tries to restore a snapshot from 3 minutes ago, it is not available. The snapshots are happening at 15-minute intervals instead of at the 5-minute configured interval. When the protection domain was initially set up, the snapshots were happening at the expected 5-minute interval.

What should the customer do to enable the snapshots to happen at the expected interval?

- A. Utilize Metro Availability to meet this requirement

- B. Change the protection domain to use Async DR
- C. Fix a connectivity issue because the protection domain reverted to Async
- D. Configure the protection domain to take snapshots on 15-minute intervals

Answer: C (LEAVE A REPLY)

If the administrator observes that the snapshot intervals have changed from the initially configured 5-minute intervals to 15-minute intervals, it indicates a potential issue with the setup. Option C, "Fix a connectivity issue because the protection domain reverted to Async," addresses the likely cause—a connectivity problem that caused the system to revert to longer, asynchronous DR snapshot intervals.

NearSync typically allows for very frequent snapshots, but if there is a connectivity or configuration issue, it might fall back to less frequent asynchronous DR settings. Identifying and resolving any connectivity issues would allow the NearSync configuration to operate as initially intended.

References: The mechanics of NearSync and its behavior under connectivity issues are discussed in detail in Nutanix's documentation and troubleshooting guides, which describe how the system handles fallback scenarios and how to rectify them.

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NEW QUESTION: 32

Refer to the exhibit.

An administrator has an existing cluster and needs to improve performance using AHV Turbo. Which two items are required to achieve even greater performance? (Choose two.)

- A. Workloads are multi-threaded.
- B. VMs have one vCPU configured.
- C. VMs have multi-queue disabled.
- D. VMs have more than one vCPU.

Answer: A,D (LEAVE A REPLY)

To maximize the performance benefits of AHV Turbo, which is designed to optimize network and storage I/O operations for VMs, certain VM configurations are advantageous. The correct answers are:

Option A, "Workloads are multi-threaded." Multi-threaded applications can better utilize the improvements in I/O processing efficiency provided by AHV Turbo, leading to better overall performance.

Option D, "VMs have more than one vCPU." This configuration allows VMs to handle multiple processes or threads simultaneously, which is particularly beneficial when combined with AHV Turbo's enhanced I/O operations.

References: The benefits of configuring VMs with multiple vCPUs and supporting multi-threaded applications are discussed in Nutanix's documentation on AHV and performance optimization, where AHV Turbo is highlighted for its ability to accelerate VM operations in a Nutanix environment.

NEW QUESTION: 33

An administrator needs to forecast infrastructure requirements for a new program and its associated applications. Prior to the projected start of the new program, all existing applications will be decommissioned.

How should the administrator perform this task?

- A. Check the Disregard Existing Nodes radio button in the Runway scenario.
- B. Add up the recovered workloads and manually remove from the Runway configuration.
- C. Check the Disregard Existing Workloads radio button in the Runway scenario.
- D. Power down the workloads during a maintenance window and run the Capacity Runway.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 34

An administrator needs to install prism central for their 2550 multi-cluster environment.

How should they deploy the application?

- A. Deploy a large 3-VM Prism Central instance
- B. Deploy a large 1-VM Prism Central instance.
- C. Deploy a small 3-VM Prism Central instance.
- D. Deploy a small 1-VM Prism Central instance.

Answer: A ([LEAVE A REPLY](#))

For managing a multi-cluster environment with a total of 2550 VMs, deploying a large 3-VM Prism Central instance is advisable. This setup provides the necessary scalability, redundancy, and performance to efficiently manage such a large number of VMs across multiple clusters. A 3-VM configuration ensures high availability and fault tolerance, crucial for maintaining consistent operations and management across the clusters.

References:

- * Nutanix Bible: Prism Central Deployment
- * Nutanix University: Scaling and Managing Large Environments

NEW QUESTION: 35

A customer has a mail server and needs Nutanix to send email notifications about errors that might occur in Prism. The following information is included under SMTP Server Settings

#IP Address of mail server

#Port Security Mode

#From email address

What should the consultant set up before arriving onsite?

- A. SMTP server to allow emails from all IPs in customer network
- B. SMTP server to allow emails from Cluster VIP and CVM IP addresses
- C. SMTP to allow emails from Cluster VIP
- D. SMTP server to allow emails from Host IP addresses

Answer: (SHOW ANSWER)

Before arriving onsite, the consultant should set up the SMTP server to allow emails from both the Cluster Virtual IP Address (VIP) and the Controller Virtual Machine (CVM) IP addresses. This setup ensures that Prism can successfully send email notifications through the customer's mail server about any errors or notifications generated by the Nutanix environment, as both the Cluster VIP and CVM IPs are sources from which Prism sends alerts. References: Nutanix Bible, Nutanix University NCS-Core 6.8 learning materials

NEW QUESTION: 36

A three-node cluster has a Nutanix Files instance with three FSVMs.

What happens after a node failure?

- A. The affected FSVM will get live-migrated to another node.
- B. The affected FSVM will not be restarted on another node due to its agent VM setting.
- C. The affected FSVM will not be restarted on another node due to its VM-to-VM anti-affinity settings.
- D. The affected FSVM will be restarted on another node.

Answer: D (LEAVE A REPLY)

Explanation

Ref: https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-files-high-availability-c.html

NEW QUESTION: 37

Refer to the exhibit.

An administrator logged into Prism Element, notices the following in the home dashboard, and showing the exhibit.

Which action should the administrator take next?

- A. Configure the fqdn for the hosts indicated
- B. Troubleshoot the zookeeper server issue
- C. Re-run NCC specifying data_resiliency_check
- D. Check the hardware page for disk failures

Answer: (SHOW ANSWER)

The exhibit shows a screenshot of a Prism Element home dashboard with a notification that "Data Resiliency not possible" and warnings about the inability to get configured fully qualified domain names (fqdn) for hosts identified by their node numbers.

In this scenario, the administrator should take action A: Configure the fqdn for the hosts indicated. This is because the warnings on hostname resolution indicate issues with fully qualified domain names (fqdn) configuration for specific nodes. Configuring the fqdn for these hosts can help resolve these issues and improve the data resiliency of the Nutanix cluster1.

References:

- * Nutanix Prism Guide
- * Nutanix Community
- * Nutanix Documentation

NEW QUESTION: 38

What is the minimum number of nodes required for a Nutanix Cluster to support Replication Factor 3 (RF3) on a storage container?

- A. 6
- B. 5
- C. 4
- D. 3

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 39

Refer to the exhibit.

On a four-node NX-3460 cluster, two 10G NiCs are connected to redundant Cisco ToR 5K switches as shown in the first exhibit Port On a four-node NX-3460 cluster, two 10G NICs are connected to redundant Cisco TOR Sk switches as shown in the fist exhibt. Port failover must be tested.

The network configuration output from the CVM is shown in the second exhibit. To test fallover, a shut command is executed on the switchport that connects the node to the 5k1 switch.

Refer to the exhibit.

- A. Active link is disconnected. Passive link takes over.
- B. Passive link is disconnected. Active link takes over.
- C. Active link takes over. HA Failover takes place.
- D. Passive link takes over. HA Failover takes place.

Answer: A ([LEAVE A REPLY](#))

In the scenario described, the configuration shown in the exhibit indicates that there is an "active-backup" bond mode. If a shut command is executed on the switchport that connects the node to the 5k1 switch (assuming it's the active link), the passive link should take over. This response ensures no loss of connectivity as the passive link becomes active in the absence of the primary (active) link.References: Nutanix Bible, Nutanix University NCS-Core 6.8 learning materials

NEW QUESTION: 40

An organization is planning an upgrade to AOS 5.15 and wants to understand which cluster products and/or services are supported for physical traffic isolation.

Which Nutanix component supports its network traffic being isolated onto its own virtual network?

- A. Volumes
- B. Containers
- C. Files
- D. Objects

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 41

Refer to the exhibit.

An administrator logged into Prism Element, notices the following in the home dashboard, and showing the exhibit.

Which action should the administrator take next?

- A. Configure the fqdn for the hosts indicated
- B. Troubleshoot the zookeeper server issue
- C. Re-run NCC specifying data_resiliency_check
- D. Check the hardware page for disk failures

Answer: A ([LEAVE A REPLY](#))

The exhibit shows a screenshot of a Prism Element home dashboard with a notification that "Data Resiliency not possible" and warnings about the inability to get configured fully qualified domain names (fqdn) for hosts identified by their node numbers.

In this scenario, the administrator should take action A: Configure the fqdn for the hosts indicated. This is because the warnings on hostname resolution indicate issues with fully qualified domain names (fqdn) configuration for specific nodes. Configuring the fqdn for these hosts can help resolve these issues and improve the data resiliency of the Nutanix cluster¹.

References:

- * Nutanix Prism Guide
- * Nutanix Community
- * Nutanix Documentation

NEW QUESTION: 42

An administrator finds that home shares cannot be configured in a new Files 3.5 deployment.

Why is this happening?

- A. NFS default access is set to Read Only.
- B. Multi-protocol access is not configured.
- C. Access Based Enumeration is not enabled.
- D. The system is deployed as a single FSVM.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 43

An administrator recently added VLAN 205 CRM in Prism Element. The workloads attached to the associated NICs are unable to establish network connectivity.

Which Layer 2 protocol allows the administrator to troubleshoot this issue from Prism Element?

- A. HDLC
- B. SUP
- C. LACP
- D. LLDP

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 44

During the Foundation imaging process, nodes are successfully imaged, but the cluster creation fails.

Which log should the consultant review to determine the cause?

- A. service.log
- B. genesis.out
- C. first_boot.log
- D. foundation.out

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 45

Refer to Exhibit:

A customer is preparing to expand a cluster with a consultant. The production cluster is comprised of one NX-3460-G7 and two NX-8235 G8 blocks. The running AOS version is 5.20.4.6 and Hypervisor version is ESXi

6.7 U3b. vCenter is also running a 6.7 version.

One NX-3235-G9 block will be added to that cluster (ESXI-NUTA-09 and ESXI-NUTA-10).

The consultant has verified Nutanix documentation and customer's As-Built guide:

*NX-3060-G7 and NX-8035-G8 are hybrid HCI nodes

*ESXi 6.7 U3b is unsupported for the new G9 hardware model

*AOS 5.20.X and ESXi 6 X are end of support

*NX-3060-G7 and NX-8035-G8 hypervisors can be upgraded to the latest ESXi supported version

What actions should be taken before beginning the cluster expansion?

- A. Upgrade vCenter, AOS and ESXi to supported and recommended versions.
- B. Upgrade only AOS and ESXi to supported and recommended versions.
- C. Replace all HDDs with SSDs on the Production cluster.
- D. Prepare Foundation and the whitelist. json file to deploy ESXi 6.7 U3b on the new nodes.

Answer: A ([LEAVE A REPLY](#))

Before expanding the cluster with the new NX-3235-G9 block, it is critical to ensure that all components are running supported and recommended versions due to compatibility and support issues. Therefore, the necessary actions include: A. Upgrade vCenter, AOS, and ESXi to supported and recommended versions.

This step ensures compatibility across all components, particularly important as the new G9 hardware does not support the currently installed version of ESXi. Upgrading these components will also ensure continued vendor support and the stability of the environment. Options B, C, and D do not adequately address the need for vCenter upgrades or the fact that ESXi 6.7 U3b is unsupported for G9, highlighting the necessity for a comprehensive upgrade. References: Nutanix Hardware Compatibility List, Nutanix Support Portal.

NEW QUESTION: 46

Based on customer requirements, a consultant conducted an AHV cluster deployment. Each node is configured with four NICs.

Which two components should the consultant manually update in the As-Built Guide? (Choose two.)

- A. Node Port Layout Diagram
- B. Network Cabling Diagram
- C. Logical Design Diagram
- D. Site installation Diagram

Answer: A,B (LEAVE A REPLY)

In the As-Built Guide for an AHV cluster deployment with each node configured with four NICs, the consultant should manually update:

- * A. Node Port Layout Diagram: To reflect the physical connectivity and usage of each NIC on the nodes.
- * B. Network Cabling Diagram: To accurately document how each node is connected to the network infrastructure, ensuring clarity on physical network setup.

References:

- * Nutanix Bible (<https://www.nutanixbible.com>), where documentation standards and diagrams are emphasized.
- * Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), covering the importance of accurate network and port documentation in deployment guides.

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NEW QUESTION: 47

A CEO asks the IT administrator to provide a list of required resources to protect current workloads and the two new SQL servers from a disaster. The Nutanix environment is managed by Prism Central.

Which option explains how to meet the CEO's request?

- A. In Capacity Runway, select Optimize Resources and select all VMs that must be protected.
- B. Create a new project and assign the VMs to it to get compute and storage requirements.
- C. Create a new scenario based on a new cluster based on a VM Profile and select Recommend.
- D. Create a new Recovery policy by selecting the VM that needs to be protected and get hardware requirements.

Answer: (SHOW ANSWER)

In a Nutanix environment managed by Prism Central, protecting workloads and SQL servers from a disaster involves creating a recovery policy. A recovery policy in Nutanix is a set of rules that define how data is protected and recovered in the event of a disaster¹.

Creating a new recovery policy involves selecting the virtual machines (VMs) that need to be protected and specifying the hardware requirements for the recovery environment¹. This includes the compute and storage resources needed to run the protected VMs in the recovery site¹.

Once the recovery policy is created, Nutanix's built-in data protection and disaster recovery capabilities can ensure that the protected VMs can be quickly and efficiently recovered in the event of a disaster². This includes capabilities such as efficient snapshot, cloning, and replication capabilities to provide a higher level of protection at a lower cost².

Therefore, to meet the CEO's request, the IT administrator should create a new Recovery policy by selecting the VM that needs to be protected and get hardware requirements.

References:

- * Designing, Optimizing and Scaling Microsoft SQL Server - Nutanix
- * Nutanix Data Disaster Recovery - Protect Apps & Data | Nutanix
- * Recommendations For Leap And Supported Service-level ... - Nutanix
- * Cloud Disaster Recovery Services | Nutanix
- * Nutanix - High Availability and Data Protection

NEW QUESTION: 48

Refer to the exhibit.

User 1 and User 2 belong to the AAPM group

What are two descriptions of how Files perform quota management? (Choose two.)

- A. User 2 can continue to add another 3GB file but will receive a daily notification email.
- B. User 1 can continue to add another 5GB file but will receive a daily notification email.
- C. User 1 can add an 8GB file to the share without receiving notification.
- D. User 2 can add an 8GB file without receiving a notification email.

Answer: B,D (LEAVE A REPLY)

Ref:

https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-file-server-quotas-c.html#nconcept_am

NEW QUESTION: 49

An administrator is planning to deploy a Nutanix cluster to support a few high-performance VMs. This deployment will have the following considerations:

- * Individual VMs will likely generate network throughputs in the range of 90-100Mbps
- * Due to the configuration of the VMs, it is unlikely that a node will host more than one or two of them at a time
- * Individual VMs will communicate with only a few (one or two) remote hosts at a time
- * Multicast will not be used in the environment
- * The hosts are connected via two 1GbE network connections

How should the administrator configure the network bonds to meet this requirement while maintaining the simplest switch configuration?

- A. Configure bond0 as balance-sib
- B. Configure bond0 as active-backup
- C. Configure bond0 as balance-tcp
- D. Configure bond0 as balance-lacp

Answer: A (LEAVE A REPLY)

Ref: <https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking>:
top_ahv_networking_best_practices.html

NEW QUESTION: 50

An administrator deploys Exchange on a Nutanix cluster. The administrator creates two containers with RF2 configuration:

- * One container for Exchange
- * One container for the other VMs

The Exchange VM is experiencing I/O performance issues.

Which changes to Storage Optimization should be used on the Exchange container to enhance I/O performance?

- A. Inline compression and EC-X
- B. Post process Deduplication only
- C. Inline compression and Deduplication
- D. No data reduction

Answer: D (LEAVE A REPLY)

NEW QUESTION: 51

An administrator has two clusters: Site A and Site B.

Async DR is configured between the clusters as follows:

- * Site A is the Primary Site
- * Site B is the Secondary inactive Site, no VMs running
- * Site A is fully in Production

* Site B used as Backup/Disaster Recovery

The customer wants to perform a planned failover between the sites.

How should the administrator accomplish this?

- A. Click Activate on the Secondary site within the Data Protection Dashboard
- B. Click Activate on the Secondary site and run deactivate NCLI command on Primary site
- C. Choose Migrate on the Secondary site within the Data Protection Dashboard
- D. Choose Migrate on the Primary site within the Data Protection Dashboard

Answer: D (LEAVE A REPLY)

Ref: <https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v510:wc-protection-domain-failover-wc-t.html>

NEW QUESTION: 52

An administrator is using Nutanix Move to migrate a Windows VM from ESXi to AHV. Automated guest preparation is failing with an error:

Account has UAC enabled error

The administrator is using the local built-in administrator account for the Windows VM Admin approval mode must remain enabled.

What should the administrator do to continue with the migration with Nutanix Move?

- A. Use a Domain Admin account for the Windows VM
- B. Reboot the Windows VM and try the migration again
- C. Follow manual VM preparation guidelines
- D. Place Windows VM in Maintenance Mode

Answer: C (LEAVE A REPLY)

<https://next.nutanix.com/move-application-migration-19/nutanix-xtract-validation-failed-user-must-belong-in-a-g>

NEW QUESTION: 53

The installation process stops before imaging any of the nodes and an error message is displayed notifying the IPMI IP address is unreachable.

What should consultant do to fix the issue?

- A. Ensure the Foundation VM is not in the same broadcast domain as the Controller VMs.
- B. Re-try Foundation using a non-flat switch.
- C. Check the service.log and the individual node log files for more detailed information.
- D. if the nodes are in the same subnet go to the Cluster page and configure multi-homing.

Answer: C (LEAVE A REPLY)

When facing an error during the installation process that the IPMI IP address is unreachable:

* C. Check the service.log and the individual node log files for more detailed information:

Reviewing these log files will provide insights into what might be causing the IPMI connectivity issue, offering specific error messages or network configuration problems that need resolution.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), where troubleshooting and log analysis are discussed.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), focusing on Foundation troubleshooting and the use of log files to diagnose installation issues.

NEW QUESTION: 54

A consultant deployed a Nutanix Files cluster using separate networks for client and storage. For testing a SMB standard share, a VM has been deployed on storage network. However, the consultant cannot access the share.

What is the cause of the issue?

- A. The CVM network segmentation is configured.
- B. Clients on the same subnet as the storage network cannot access the shares.
- C. An iSCSI Data Services IP is not configured for the cluster.
- D. Clients on the same subnet as the storage network can only access the distributed shares.

Answer: (SHOW ANSWER)

If a VM deployed on the storage network cannot access a SMB standard share, the likely issue is that:

* Clients on the same subnet as the storage network cannot access the shares: This scenario typically occurs due to network segmentation policies or firewall rules that restrict access to the storage network from clients within the same subnet, intended to segregate traffic types for security and performance reasons.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), specifically sections on network segmentation and Nutanix Files configurations.

* Nutanix Technical Documentation on Nutanix Files, which covers network configuration and troubleshooting issues related to file access.

NEW QUESTION: 55

A customer has Metro Availability configured in Automatic Resume Mode between Site A and Site B. What happens to VMs if Primary Site A has full network failure?

- A. Automatic protection domain promotion in Site B. VMs automatically restart in Site B.
- B. VMs continue to run on Site A following an automatic disable of protection domains.
- C. An administrator must un-witness in Site B and promote protection domains in Site B for VMs to restart.
- D. An administrator must promote protection domains in Site B for VMs to restart.

Answer: A (LEAVE A REPLY)

Ref: <https://support-portal.nutanix.com/page/documents/details/?targetId=Web-Console-Guide-Prism-v55:sto-metro-availability-witness-c.html>

NEW QUESTION: 56

An administrator configures authentication in Prism Central (PC) for the NTN-Admins group. Users report that they are unable to log in. The administrator confirms that the Active Directory (AD) settings in PC are correct.

Which condition could result in this behavior?

- A. A role mapping needs to be associated with the AD group.
- B. The users must be added to the Domain Admins AD group.
- C. The Local authentication type must also be selected in PC.
- D. A client chap certificate must also be added in PC.

Answer: ([SHOW ANSWER](#))

Ref:

https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v5_10:mul-security-role

NEW QUESTION: 57

A consultant is reviewing a customer's Pre-delivery Questionnaire.

The customer wants to deploy their cluster with ESXi as the hypervisor with vSphere Distributed Switch. The customer will be using Cisco Nexus 9k as their switch choice. In the kick-off call, it is confirmed that the customer has a business requirement to use LACP in their environment.

What should the consultant ensure that the customer configures on the port-channel interface before deployment?

- A. show port-channel
- B. no lacp graceful-convergence
- C. service unsupported-transceiver
- D. no lacp suspend-individual

Answer: D ([LEAVE A REPLY](#))

Given that the customer is using a Cisco Nexus 9k switch and wants to deploy ESXi with a vSphere Distributed Switch while using LACP, the consultant should ensure that the customer configures:

* D. no lacp suspend-individual: This command ensures that LACP doesn't suspend the individual port if it does not receive LACP PDUs from the other side, which is crucial in environments where continuous connectivity is required for all member links of the port-channel to maintain uninterrupted network services.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), where it discusses ESXi configurations and switch settings.

* Cisco Nexus configuration guides, referred through Nutanix's training materials, which recommend settings for optimal integration with Nutanix environments.

NEW QUESTION: 58

Which Nutanix tool does the Field Installation Guide provide instructions for?

- A. Prism Central

- B. Foundation
- C. As-Built Generator
- D. Nutanix Move

Answer: B (LEAVE A REPLY)

The Nutanix Field Installation Guide primarily provides instructions for using Foundation. Foundation is the tool used for deploying, imaging, and configuring Nutanix nodes in a new installation or when expanding existing clusters. This tool is essential for setting up the Nutanix environment correctly and efficiently.

References:

- * Nutanix University - NCS-Core 6.8 Learning Path
- * The Nutanix Bible, Foundation chapter (<https://www.nutanixbible.com/>)

NEW QUESTION: 59

After finishing customer education during a new cluster deployment, the consultant wants to make sure all in-scope tasks have been completed.

Which document can the consultant use to verify all tasks have been closed out?

- A. As-Built Guide
- B. Deployment Questionnaire
- C. Deployment Guide
- D. Deployment Checklist

Answer: D (LEAVE A REPLY)

To verify that all in-scope tasks for a new cluster deployment have been completed, the consultant should refer to the:

- * Deployment Checklist: This document typically lists all tasks required for a successful deployment, making it a suitable tool for ensuring that nothing has been overlooked.

References:

- * Nutanix Bible (<https://www.nutanixbible.com/>), where the importance of deployment documentation is discussed.
- * Nutanix Deployment Guide, which includes detailed checklists for ensuring thorough project completion.

NEW QUESTION: 60

A customer's security team has a policy prohibiting a consultant's laptop from connecting within the corporate datacenter.

In which two ways should the consultant complete the customer deployment on the factory-prepared nodes?

(Choose two.)

- A. Use the Controller VM-based Foundation process.
- B. Configure IPs on hosts and create the cluster.
- C. Run the Network Crashcart Script, provide IPs, and create the cluster manually.
- D. Manually edit ifcfg-etho file on CVM, restart networking, and create the cluster.

Answer: A,C (LEAVE A REPLY)

Given that the customer's security policy prohibits connecting a consultant's laptop within the corporate datacenter, the consultant can complete the deployment using: A. The Controller VM-based Foundation process, which allows the consultant to configure and deploy the cluster using the software tools provided within the Controller VM itself. This method does not require direct laptop connection to the network. C. Run the Network Crashcart Script to manually configure IP addresses on the hosts and then proceed to create the cluster manually. This approach involves using available scripts and utilities that can be executed from within the data center's management interfaces without needing direct laptop access. Options B and D would typically require direct network connection capabilities not permissible under the security constraints. References:

Nutanix Foundation Documentation, Nutanix Deployment Best Practices.

NEW QUESTION: 61

Which container advanced setting should be configured to prevent ISO container images from exceeding a 100GB limit.

- A. Reserved capacity
- B. Advertised capacity
- C. Erasure coding
- D. Compression

Answer: B (LEAVE A REPLY)

The correct container advanced setting to configure in order to prevent ISO container images from exceeding a 100GB limit is "Advertised Capacity." This setting allows administrators to set a maximum storage capacity that is visible and available to the user, irrespective of the actual physical capacity available, thereby preventing over-allocation and management issues in environments where strict capacity limits are required.

References:

* Nutanix Certified Services - Core (NCS-Core) Learning Documents

* Nutanix Bible: <https://www.nutanixbible.com>

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NEW QUESTION: 62

An administrator manages the following two Nutanix AOS 5.15 cluster environment:

* Corp-cluster-01

* Corp-cluster-02

The VM images must be available only on Corp-cluster-01, but cannot be checked out to cluster Corp-cluster-02. The images also cannot be checked out to any other clusters that are registered with Prism Central in the future.

Which two configuration settings must the administrator choose when creating the image placement policy that satisfies the stated requirements? (Choose two.)

A. Create an image placement policy that identifies cluster Corp-cluster-01 as the target cluster

B. Set the policy enforcement to Soft.

C. Set the policy enforcement to Hard.

D. Create an image placement policy that identifies cluster Corp-cluster-02 as the target cluster.

Answer: A,C (LEAVE A REPLY)

Ref: <https://next.nutanix.com/community-blog-40/nutanix-just-made-ahv-image-management-painless-33144>

NEW QUESTION: 63

Refer to the exhibit.

An administrator notices a critical alert on the Metro Availability Protection Domain What is causing this alert?

A. Metro Availability Protection domain is active on the remote site.

B. VMware Site Recovery Manager is handling a failover event

C. Metro Availability did not fail over and caused an outage.

D. vSphere moved VMs to the remote container, and the VMs must be moved back.

Answer: A (LEAVE A REPLY)

Ref: https://www.vvlsystems.com/wp-content/uploads/2016/11/BP-2009_Metro_Availability.pdf

NEW QUESTION: 64

Refer to the exhibit.

A Nutanix host is connected as shown in the exhibit with br0-up set to active/backup. Physical Switch 1 experiences a power outage causing br0-up to failover to using eth2. The CVM and host become inaccessible.

User VMs restart on other hosts in the cluster, which causes a disruption to those VMs.

Which configuration issue likely caused this outage?

A. Bridge br0-up should be configured to use balance-tcp rather than active/backup.

B. The CVM should have eth1 connected to the OVS.

C. The upstream port for eth2 is missing a VLAN.

D. The user VMs only have one NIC

Answer: C (LEAVE A REPLY)

Ref:

https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:top_ahv_netw

NEW QUESTION: 65

A consultant finishes creating a new ESXi cluster. The consultant connects to the nodes via laptop and a personal flat switch. The host/CVM network is on VLAN 23. The customer has the native VLAN on the ToR switches set to 23.

The customer wants to use LACP. Before placing the nodes on the customer network, the consultant tags VLAN 23 for each host and CVM. The consultant connects the nodes to the customer network and finds that they are unreachable.

What is causing this issue?

- A. Under the vSwitch0 settings, the consultant did not select Route based on IP hash.
- B. The customer has LACP fallback enabled on switch ports.
- C. The host and CVM are incorrectly configured.
- D. The hosts have not been migrated to a vSphere Distributed Switch.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 66

An administrator is implementing a VDI solution. The workload will be a series of persistent desktops in a dedicated storage container within a four-node cluster. Storage optimizations should be set on the dedicated storage container to give optimal performance including during a node failure event.

Which storage optimizations should the administrator set to meet the requirements?

- A. Compression, Deduplication, and Erasure Coding
- B. Deduplication and Erasure Coding
- C. Compression and Deduplication
- D. Compression only

Answer: ([SHOW ANSWER](#)**)**

Ref:

NEW QUESTION: 67

A consultant is onsite and needs to start their Foundation Virtual Machine (FVM) to image Nutanix hardware.

The FVM fails to boot. The consultant decides to use a different Foundation method.

Assuming the nodes will discover, which Foundation type or configuration option should the consultant select?

- A. Foundation VM
- B. Use IPMI IPs
- C. Use IPMI MACs
- D. Foundation Applet

Answer: D ([LEAVE A REPLY](#))

If the Foundation VM fails to boot and other methods need to be considered, the best alternative is the Foundation Applet. This lightweight tool runs on a laptop or other device and doesn't require booting a VM, providing a straightforward method to image Nutanix hardware, particularly useful in situations where hardware constraints or other issues prevent the use of a full Foundation VM.

References:

* Nutanix Foundation Installation Guide: Nutanix Documentation

* Nutanix Field Installation Guide and Tools Overview

NEW QUESTION: 68

A consultant is planning an installation and needs to collect configuration items to be used during the install.

The data needed from the customer are IP addresses, Gateway, DNS servers, and NTP Servers. Which Cluster Deployment document must be completed with the customer?

- A. Project Plan
- B. Operations Guide
- C. Questionnaire
- D. Technical Checklist

Answer: (SHOW ANSWER)

The document that needs to be completed with the customer to collect configuration items such as IP addresses, Gateway, DNS servers, and NTP Servers is the Technical Checklist. This checklist is designed to ensure all necessary technical information is gathered prior to the installation, enabling a smooth and efficient setup process. References: Nutanix Cluster Deployment Guide, Pre-installation Planning Documentation.

NEW QUESTION: 69

A consultant is installing Nutanix AOS on Cisco UCS.

Which method should be used to install AOS on UCS hardware platforms?

- A. Foundation Central
- B. Foundation Applet
- C. Foundation VM
- D. Foundation as a Service

Answer: (SHOW ANSWER)

When installing Nutanix AOS on Cisco UCS hardware platforms, the recommended method is to use the Foundation VM. This approach allows for the deployment of Nutanix software onto bare metal hardware from a virtual machine that can manage the installation process across multiple nodes simultaneously. The Foundation VM simplifies the installation and initial configuration process, ensuring that all nodes are correctly configured and integrated into the Nutanix ecosystem. References: Nutanix Bible, Nutanix University

NEW QUESTION: 70

A customer's security team has a policy prohibiting a consultant's laptop from connecting within the corporate datacenter.

In which two ways should the consultant complete the customer deployment on the factory-prepared nodes?

(Choose two.)

- A. Use the Controller VM-based Foundation process.
- B. Configure IPs on hosts and create the cluster.
- C. Run the Network Crashcart Script, provide IPs, and create the cluster manually.
- D. Manually edit ifcfg-etho file on CVM, restart networking, and create the cluster.

Answer: A,C ([LEAVE A REPLY](#))

Given that the customer's security policy prohibits connecting a consultant's laptop within the corporate datacenter, the consultant can complete the deployment using: A. The Controller VM-based Foundation process, which allows the consultant to configure and deploy the cluster using the software tools provided within the Controller VM itself. This method does not require direct laptop connection to the network. C. Run the Network Crashcart Script to manually configure IP addresses on the hosts and then proceed to create the cluster manually. This approach involves using available scripts and utilities that can be executed from within the data center's management interfaces without needing direct laptop access. Options B and D would typically require direct network connection capabilities not permissible under the security constraints. References: Nutanix Foundation Documentation, Nutanix Deployment Best Practices.

NEW QUESTION: 71

A Nutanix cluster has 10TB usable storage. The customer wants to create a 100GB datastore for ISO images to eliminate too much storage being consumed by unnecessary images.

Which setting should be used to accomplish this goal?

- A. From Container Advanced Settings, configure 100GB for advertised capacity.
- B. From Container Advanced Settings, enable erasure coding.
- C. From Container Advanced Settings, turn on compression and deduplication.
- D. From Container Advanced Settings, configure 100GB for reserved capacity.

Answer: ([SHOW ANSWER](#))

To limit a datastore to a specific capacity within a Nutanix cluster, the best approach is to configure the advertised capacity in the Container Advanced Settings. Setting the advertised capacity to 100GB ensures that this amount of storage is reported to external entities (like hypervisors or operating systems) as the total usable capacity of the datastore, effectively preventing the storage of additional data beyond this limit. This method is preferred over reserving capacity, which guarantees space for specific uses but doesn't limit the total size visible to the system.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), specifically the section on storage container configuration.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), covering datastore management.

NEW QUESTION: 72

A consultant is conducting a vSphere cluster deployment. As a part of operational tests, a vMotion operation is performed on a test VM, but fails with following error message:

The VMotion failed because the ESX hosts were not able to connect over the VMotion network. Please check your VMotion network settings and physical network configuration.

VMotion [184329483:1276605211167987] failed to create connection with remote host <10.10.16.14>: The ESX hosts failed to connect over the VMotion network Migration [184329483:1276605211167987] failed to connect to remote host <10.10.16.14>: Timeout What issue could prevent the vMotion operation from completing successfully?

- A.** The vmknic is configured with a conflicting IP address.
- B.** NIOC is enabled and vMotion traffic is configured with Share value SO.
- C.** Foundation service prevents connectivity between the source and the destination TCP port 8000.
- D.** The vSS is configured with Route based on originating virtual port.

Answer: ([SHOW ANSWER](#))

The failure of the vMotion operation indicated by the error message could most plausibly be caused by: A. The vmknic (VMkernel network interface card) configured with a conflicting IP address. This conflict can prevent the ESXi hosts from establishing a connection over the VMotion network, as each host must have a unique IP address on the VMotion network to facilitate proper migration communications. Option B, involving NIOC settings, and option D, involving vSS configuration, could influence performance but are less likely to cause a complete failure to connect. Option C, related to the Foundation service, is not relevant to vMotion networking issues directly. References: VMware vSphere Networking Documentation, Nutanix Integration with VMware Environments.

NEW QUESTION: 73

A company needs to replicate their VMs to a remote site and must have an RPO of less than 1 hour.

When creating a protection domain, what should an administrator do to meet this requirement?

- A.** Enable Async Replication with an RPO of 60 minutes
- B.** Enable Near-Sync Replication with an RPO of 15 minutes
- C.** Enable Entity Sync on the designated VMs
- D.** Enable Availability Zones and send the VM to multiple targets

Answer: **A** ([LEAVE A REPLY](#))

Ref: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_10:sto-pd-guidelines-r.html

NEW QUESTION: 74

A consultant attempts to perform an LCM inventory after successfully creating the cluster, but is met with the following error:

LCM Exception [LcmExceptionHandler]: Could not find a module for entity with reference name nutanix.ncc.

update

What is the most likely reason LCM inventory/update is failing?

- A. Nameservers are not reachable.
- B. IPMI network is unable to reach the internet.
- C. Clusters must be licensed before LCM inventory.
- D. Nutanix CVMs are blocking TCP port 54.

Answer: C (LEAVE A REPLY)

The error encountered during the LCM inventory process, which mentions "Could not find a module for entity with reference name nutanix.ncc.update," typically indicates that the cluster has not yet been licensed. The Life Cycle Management (LCM) functionality in Nutanix systems requires a valid license to perform operations such as inventory checks and updates. Without this license, LCM cannot retrieve or update the necessary software modules, leading to the stated error. Licensing the cluster would resolve this issue and allow the LCM processes to proceed normally. References: Nutanix LCM Documentation, Nutanix Licensing Guidelines.

NEW QUESTION: 75

During a six-node cluster deployment, one node fails to image successfully and Foundation is unable to automatically configure the cluster. The consultant decides to manually complete cluster formation with the successful nodes, then expand the cluster with the remaining unconfigured node.

Which command should be used to begin the process?

- A. cluster status
- B. cluster create
- C. cluster start
- D. cluster expand

Answer: B (LEAVE A REPLY)

When deploying a multi-node Nutanix cluster, if one node fails to image and the Nutanix Foundation tool cannot configure the cluster automatically, the consultant can manually create the cluster with the nodes that were successfully imaged. The correct command to initiate this process is cluster create. This command starts the cluster services and allows for further expansion once the cluster is operational, which would include adding the node that initially failed to image.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), specifically the section on manual cluster creation.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), videos on manual cluster operations.

NEW QUESTION: 76

A customer is running out of storage in an ESXi cluster. The customer wants to add storage without paying for an additional hypervisor license.

Which option should the consultant recommend to meet the requirement?

- A. Convert the cluster to AHV to support storage-only node requirements.
- B. Select the storage-only checkbox during Foundation and then expand the cluster in Prism.
- C. Buy a new node to meet the requirements of the storage-only node specifications.
- D. Edit the factory_config.json file to configure the node as storage-only and then expand the cluster in Prism

Answer: (SHOW ANSWER)

When a customer needs to add storage to an ESXi cluster without incurring additional hypervisor licensing costs, converting the cluster to Nutanix AHV presents a viable solution. AHV allows the incorporation of storage-only nodes, which can extend the cluster's storage capacity without necessitating additional licenses for hypervisor usage.

References:

- * Nutanix Solutions for ESXi to AHV Migration: Nutanix Documentation
- * Nutanix AHV Licensing and Features Guide: Nutanix Licensing Information

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NEW QUESTION: 77

A customer has a Nutanix cluster with 10Gb connectivity via switch fabric extenders. The administrator receives NCC health check errors of latency greater than 200ms.

Which action should the administrator take to resolve the NCC errors?

- A. Replace the switch fabric extenders with 10G line rate switches
- B. Upgrade NCC and increase the CVM memory by 4Gb
- C. Add 2 additional 10G uplinks from the switch fabric extenders per node
- D. Upgrade NCC and increase the vCPU of the CVM

Answer: A (LEAVE A REPLY)

Ref: <https://portal.nutanix.com/page/documents/details?targetId=System-Specs-G6-Single-Node:set-block-connect-c.html>

NEW QUESTION: 78

A consultant is deploying a Nutanix cluster at a customer location. The consultant will be deploying the latest AOS along with the latest Nutanix hardware.

Which three references should the consultant review prior to this installation? (Choose three.)

- A. Release Notes
- B. Software Product Interoperability
- C. Field & Security Advisories
- D. End-Of-Life (EOL) Information
- E. Acropolis Advanced Administration Guide

Answer: A,B,C (LEAVE A REPLY)

When deploying the latest AOS along with the latest Nutanix hardware, it is essential for the consultant to review multiple sources of information to ensure a successful installation. Release Notes provide details about new features, improvements, and known issues in the latest version of AOS. Software Product Interoperability outlines compatibility between different software versions, ensuring that the AOS and any integrated applications or environments will function correctly. Field & Security Advisories inform about potential security issues and recommended practices to avoid common pitfalls or security risks.

References:

- * Nutanix Bible: Documentation and Release Information
- * Nutanix University: Installation and Security Best Practices

NEW QUESTION: 79

An administrator is implementing a VDI solution. The workload will be a series of persistent desktops in a dedicated storage container within a four-node cluster. Storage optimizations should be set on the dedicated storage container to give optimal performance including during a node failure event.

Which storage optimizations should the administrator set to meet the requirements?

- A. Compression, Deduplication, and Erasure Coding
- B. Deduplication and Erasure Coding
- C. Compression and Deduplication
- D. Compression only

Answer: (SHOW ANSWER)

Ref:

NEW QUESTION: 80

Which subnet should a consultant be aware is reserved for internal connectivity within a Nutanix cluster?

- A. 192.168.5.0/24
- B. 192.168.5.0/23
- C. 192.168.254.0/24
- D. 192.168.5.0/26

Answer: A (LEAVE A REPLY)

The consultant should be aware that the subnet 192.168.5.0/24 is reserved for internal connectivity within a Nutanix cluster. This subnet is typically used for the internal operations of the Nutanix cluster, including CVM backplane communications. It is critical to ensure that this subnet does not overlap with any external network configurations to avoid networking conflicts that can affect cluster operations and communications. References: Nutanix Networking Best Practices, Nutanix Cluster Configuration Guide.

NEW QUESTION: 81

In a Nutanix cluster, a Protection Domain contains 50 entities that are replicated to a remote Single Node Replication Target.

The current schedule configuration is as follows:

- * Repeat every 6 hours
- * Local Retention Policy 1
- * Remote Retention Policy 8
- * Starting time 12 am

At 8 am on Monday, the administrator discovers that a protected VM is corrupted. The latest good state was Sunday 2 pm. The administrator needs to maintain current protection.

Which strategy should the administrator use to meet these requirements?

- A.** From the local site, restore the VM from the local snapshot by selecting the correct snapshot.
- B.** From the local site, retrieve the correct remote snapshot, then restore the VM locally.
- C.** From the Remote site, activate the Protection Domain, then re-protect the entity.
- D.** From the Remote site, restore the VM from the local snapshot by selecting the correct snapshot

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 82

A consultant runs the Foundation Applet and discovers all the nodes. The consultant wants to use the latest version of Foundation for imaging for support purposes and to cover the latest hardware and software hypervisor support.

What should the consultant do to upgrade Foundation on a node?

- A.** Use the Foundation VM to upgrade Foundation on all nodes.
- B.** Use the Foundation Applet to upgrade Foundation on a single node.
- C.** Use crash cart and manually upgrade Foundation files on one node.
- D.** Use latest version of Foundation to reimage all the nodes.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 83

An administrator manages the following two Nutanix AOS 5.15 cluster environment:

- * Corp-cluster-01
- * Corp-cluster-02

The VM images must be available only on Corp-cluster-01, but cannot be checked out to cluster Corp-cluster-

02. The images also cannot be checked out to any other clusters that are registered with Prism Central in the future.

Which two configuration settings must the administrator choose when creating the image placement policy that satisfies the stated requirements? (Choose two.)

- A. Create an image placement policy that identifies cluster Corp-cluster-01 as the target cluster
- B. Set the policy enforcement to Soft.
- C. Set the policy enforcement to Hard.
- D. Create an image placement policy that identifies cluster Corp-cluster-02 as the target cluster.

Answer: A,C (LEAVE A REPLY)

Ref: <https://next.nutanix.com/community-blog-40/nutanix-just-made-ahv-image-management-painless-33144>

NEW QUESTION: 84

An administrator needs to initiate a new VDI project within a couple of months. Prism Central reports there are no storage resources to accommodate such workloads.

The administrator sees many powered-off VMs and has the authority to delete test VMs powered off at least for 30 days. Test VMs belong to the Test category.

Using Prism Central, which steps are required to identify the correct VMs to be deleted?

- A. Use Capacity Runway to filter by Test and Powered-off VMs
- B. Filter VMs list, choose Test category and Inactive under Efficiency
- C. Create a new Scenario selecting Test VMs. filter by uptime
- D. Create a new Project selecting Test VMs, sorting by power state

Answer: (SHOW ANSWER)

NEW QUESTION: 85

A customer wants to use NIC teaming on an ESXi host using a vSphere Standard Switch configured with the Route based on physical NIC load load balancing option. The customer does not see the option when editing the Teaming and Failover settings for the switch.

How should the consultant resolve this issue?

- A. Add another physical NIC to the team.
- B. Install a vCenter server to manage the switch
- C. Add a vSphere Distributed Switch
- D. Change the load balancing option on the switch.

Answer: (SHOW ANSWER)

NEW QUESTION: 86

An administrator is planning to deploy a Nutanix cluster to support a few high-performance VMs. This deployment will have the following considerations:

* Individual VMs will likely generate network throughputs in the range of 90-100Mbps

* Due to the configuration of the VMs, it is unlikely that a node will host more than one or two of them at a time

* Individual VMs will communicate with only a few (one or two) remote hosts at a time

* Multicast will not be used in the environment

* The hosts are connected via two 1GbE network connections

How should the administrator configure the network bonds to meet this requirement while maintaining the simplest switch configuration?

A. Configure bond0 as balance-sib

B. Configure bond0 as active-backup

C. Configure bond0 as balance-tcp

D. Configure bond0 as balance-lacp

Answer: A (LEAVE A REPLY)

Ref:

https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:top_ahv_netw

NEW QUESTION: 87

After imaging the nodes and creating the cluster successfully, the consultant connects the cluster to the customer network. When logging into Prism, the events dashboard is full of errors.

What is causing the issue?

A. The Cluster Virtual IP Address (VIP) was not set up during the process.

B. The cluster was not stopped prior to connecting to the customer network.

C. The consultant did not run Nutanix Cluster Check (NCC..

D. Foundation did not create the cluster successfully.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 88

An organization is running a Nutanix Cluster based on AOS 5.10.x and VMware vSphere 6.7. Currently, the CVM network is segmented and Storage only nodes not present.

A new security project based on NSX is coming. VMware Distributed Virtual Switches are required. The administrator needs to prepare the environment for the new project.

Which step should the administrator use to initiate the project?

A. Convert storage only nodes into vSphere nodes

B. Manually disable CVM network Segmentation

C. Enable Jumbo Frames to accommodate network frames

D. Enable Nutanix Flow at the Prism Central Level

Answer: C (LEAVE A REPLY)

NEW QUESTION: 89

While preparing for a new four-node cluster installation, the consultant has a Tech Review Call with the customer. The hardware is as follows:

- * 4 nodes in 1 Block
- * 8 x 10 GbE Ports
- * 4 x 1 GbE IPMI Ports
- * Adequate Ethernet ports are available
- * Ethernet cables are correct and available
- * Adequate rack space is available

Which remaining item must be confirmed as available onsite?

- A. Crash Cart
- B. Fibre Channel switches
- C. Redundant 208v power
- D. Redundant 110v power

Answer: (SHOW ANSWER)

NEW QUESTION: 90

An administrator is using Nutanix Move to migrate a Windows VM from ESXi to AHV. Automated guest preparation is failing with an error:

Account has UAC enabled error

The administrator is using the local built-in administrator account for the Windows VM Admin approval mode must remain enabled.

What should the administrator do to continue with the migration with Nutanix Move?

- A. Use a Domain Admin account for the Windows VM
- B. Reboot the Windows VM and try the migration again
- C. Follow manual VM preparation guidelines
- D. Place Windows VM in Maintenance Mode

Answer: C (LEAVE A REPLY)

Explanation

<https://next.nutanix.com/move-application-migration-19/nutanix-xtract-validation-failed-user-must-belong-in-a-g>

NEW QUESTION: 91

A consultant asks a customer to verify the ToR Switch data port configuration was done according to Nutanix best practices. The switch configuration must simplify future deployments and expansions.

Which two configuration actions will satisfy this requirement? (Choose two.)

- A. Disable multicast and broadcast flood optimizations.
- B. Configure the CVM and hypervisor host VLAN as the native.
- C. Use a tagged VLAN for the CVM and hypervisor hosts.
- D. Configure the connected switch ports as access.

Answer: (SHOW ANSWER)

For a Nutanix cluster configuration that simplifies future deployments and expansions, disabling multicast and broadcast flood optimizations (A) and using a tagged VLAN for the CVM and

hypervisor hosts (C) are the best practices. Disabling these optimizations helps in reducing unnecessary network traffic and potential broadcast storms in a growing environment. Using tagged VLANs for CVM and hypervisor hosts ensures proper network segmentation and scalability, allowing for easier management and expansion without reconfiguring the native network setup for each expansion or deployment. References: Nutanix Network Configuration Best Practices, Nutanix Deployment Guide.

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NEW QUESTION: 92

A consultant runs the Foundation Applet and discovers all the nodes. The consultant wants to use the latest version of Foundation for imaging for support purposes and to cover the latest hardware and software hypervisor support.

What should the consultant do to upgrade Foundation on a node?

- A. Use crash cart and manually upgrade Foundation files on one node.
- B. Use latest version of Foundation to reimage all the nodes.
- C. Use the Foundation VM to upgrade Foundation on all nodes.
- D. Use the Foundation Applet to upgrade Foundation on a single node.

Answer: C (LEAVE A REPLY)

To ensure that the Foundation Applet is up-to-date across all nodes, the best approach is to use the Foundation VM. The Foundation VM allows consultants to manage and upgrade Foundation on all nodes centrally. This method avoids the necessity of manual upgrades on each node individually, thus ensuring a more efficient and error-free process, aligning with Nutanix's best practices for scalability and management of infrastructure.

References: The Nutanix Bible, the Nutanix University's NCS-Core 6.8 materials, and official Nutanix documentation on the Foundation VM.

To ensure the latest version of Foundation is used for imaging to support the latest hardware and software hypervisor configurations, the consultant should utilize the Foundation VM. This tool allows for upgrading the Foundation on all nodes simultaneously, ensuring consistency across the cluster. It streamlines the process by leveraging the existing Foundation infrastructure rather than requiring manual updates via a crash cart or the limited capabilities of the Foundation Applet for single node upgrades.

References:

* Nutanix Foundation Documentation: <https://portal.nutanix.com>

* Nutanix Upgrade Guide: Nutanix Foundation Upgrade Process

NEW QUESTION: 93

Where in the Support Portal is the Best Practices guide for vSphere Networking located?

- A. Knowledge Base
- B. Software Documentation
- C. Solutions Documentation
- D. Product Notices

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 94

An administrator is updating disk firmware using LCM and receives the following message:

"there have been 10 or more cluster services restarts within 15 minutes in the Controller VM" The message appears as each drive is upgraded.

What is the reason this message is being generated?

- A. A node has been rebalanced
- B. A drive has been reformatted
- C. A node has been rebooted
- D. A drive has been ejected

Answer: C ([LEAVE A REPLY](#))

Ref: <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA032000000TT8DCAW>

NEW QUESTION: 95

A consultant needs to review a customer's switch port configuration to identify any issues. Other customer requirements are as follows:

- * Leverage LACP
- * Native VLAN will not be used
- * Use Multiple Upstream switches
- * Use VLANs 20-25 and 30
- * LACP Fallback has been Enabled
- * vPC or MLAG has been configured

What must be included in a configuration in order to meet these requirements?

- A. Native VLAN set to default
Ports trunked to allow all necessary VLANs
- B. Native VLAN set to default
Ports in access mode to allow all necessary VLANs
- C. Native VLAN set to 30
Ports Trunked to allow all necessary VLANs
- D. Native VLAN set to 30
Ports in access mode to allow all necessary VLANs

Answer: A ([LEAVE A REPLY](#))

The requirements specify the use of LACP with multiple VLANs and without the use of a native VLAN.

Trunk ports must be configured to carry multiple VLANs, which is necessary for scenarios involving LACP across multiple switches (MLAG or vPC). Setting the native VLAN to default and not using it in traffic management while trunking the ports meets these needs effectively.

References: Nutanix Bible (<https://www.nutanixbible.com/>), Nutanix Official YouTube Training Series

NEW QUESTION: 96

Refer to the exhibit.

A Nutanix host is connected as shown in the exhibit with br0-up set to active/backup. Physical Switch 1 experiences a power outage causing br0-up to failover to using eth2. The CVM and host become inaccessible.

User VMs restart on other hosts in the cluster, which causes a disruption to those VMs.

Which configuration issue likely caused this outage?

- A. Bridge br0-up should be configured to use balance-tcp rather than active/backup.
- B. The CVM should have eth1 connected to the OVS.
- C. The upstream port for eth2 is missing a VLAN.
- D. The user VMs only have one NIC

Answer: C (LEAVE A REPLY)

Explanation

Ref:https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:top_ahv_n

NEW QUESTION: 97

At which prompt should a consultant execute the command `manage_ovs -bridge_name br0 show_uplinks` in a Nutanix cluster?

- A. `nutanix@CVM-$`
- B. `rootOcvM-t`
- C. `esxiOcvM'S`
- D. `rootQAHV-J#`

Answer: (SHOW ANSWER)

To execute the command `manage_ovs --bridge_name br0 show_uplinks` in a Nutanix cluster, the appropriate prompt is:

* A. `nutanix@CVM-$`: This command is intended for execution within the Controller Virtual Machine (CVM) environment, and "`nutanix@CVM-$`" is the standard user prompt in the CVM where such network commands are run.

References:

* Nutanix Bible (<https://www.nutanixbible.com/>), especially sections on managing virtual bridges and networking commands.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), which includes details on command-line operations within the CVM.

NEW QUESTION: 98

During a pre-engagement call, a customer explains that network cables are missing from the boxes. The consultant examines the bill of materials more closely to verify the quantity and type required by the hardware.

The rack is already equipped with one OOBM Ethernet switch and two 10GbE SFP+ ToR switches.

Which cables should the consultant recommend to the customer for implementing in this scenario?

- A. Six Ethernet Cat7 cables
- B. Six DAC 10GbE cables and 3 Ethernet cables
- C. Six 10GbE cables
- D. Three DAC 10GbE cables and 3 Ethernet cables

Answer: B ([LEAVE A REPLY](#))

Considering the equipment setup with one Out-of-Band Management (OOBM) Ethernet switch and two

10GbE SFP+ Top of Rack (ToR) switches, the consultant should recommend six DAC (Direct Attach Cable)

10GbE cables and three Ethernet cables. The DAC 10GbE cables are suitable for connecting the nodes to the ToR switches to handle high-speed data transfers, while the Ethernet cables are necessary for connections related to management purposes, such as connecting to the OOBM switch for remote management tasks. This recommendation ensures adequate connectivity for both data and management networks. References: Nutanix Hardware and Installation Guide, Best Practices for Network Cable Management.

NEW QUESTION: 99

A consultant successfully installs the Foundation VM on a laptop and needs to ensure the VM can communicate externally.

Which two configuration changes should the consultant make next? (Choose two.)

- A. Configure the static IP address through the desktop virtualization software.
- B. Ensure the vNIC is set to bridged adapter.
- C. Open terminal and configure via ifconfig command.
- D. Run the set_foundation_ip_address application on the VM desktop.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

An administrator needs to migrate workloads from a Nutanix cluster running VMware ESXi to Nutanix AHV.

The migration process needs to be completed in multiple VM groups and support roll back in case any problems are found during user acceptance testing.

Which action should the administrator perform?

- A. Use Cross Hypervisor DR to replicate VMs from ESXi to AHV
- B. Use VMware Converter
- C. Use Nutanix one-click cluster conversion from ESXi to AHV
- D. Use storage live migration

Answer: C (LEAVE A REPLY)

Ref: <https://next.nutanix.com/installation-configuration-23/convert-existing-nutanix-vmware-cluster-to-nutanix-only-37600>

NEW QUESTION: 101

A consultant is installing Nutanix AOS on Cisco UCS.

Which method should be used to install AOS on UCS hardware platforms?

- A. Foundation as a Service
- B. Foundation VM
- C. Foundation Applet
- D. Foundation Central

Answer: (SHOW ANSWER)

NEW QUESTION: 102

An administrator needs to deploy an application with a large amount of data connected via Nutanix Volumes.

Which two actions should the administrator take when designing the Volume Group? (Choose two.)

- A. Use multiple subnets for iSCSI traffic
- B. Enable RSS (Receive Side Scaling)
- C. Enable thick provisioning on the Volume Group(s)
- D. Distribute workload across multiple virtual disks

Answer: (SHOW ANSWER)

NEW QUESTION: 103

For a new AHV cluster installation, a customer has 20 NX-8155-G6 nodes with quad port SFP NICs.

The customer wants to meet the following guidelines:

- * Take advantage of all available 10GbE links
- * Achieve maximum throughput per VM
- * Use of redundant ToR switches
- * Fastest reconvergence during link failure

How should the load balancing be configured on the host?

- A. `ovs-vsctl set port br0-up bond_mode=balance-slb`

```
ovs-vsctl set port br0-up other_config:bond-rebalance-interval=30000
```

```
ovs-vsctl set port br0 tag=10
```

B. ovs-vsctl set port br0-up bond_mode=active-backup

```
ovs-vsctl set port br0-up other_config:bond-rebalance-interval=30000
```

C. ovs-vsctl set port br0-up bond_mode=balance-slb

D. ovs-vsctl set port br0-up other_config:lacp-fallback-ab=true

```
ovs-vsctl set port br0-up lacp=active
```

```
ovs-vsctl set port br0-up bond_mode=balance-tcp
```

Answer: D (LEAVE A REPLY)

In a Nutanix AHV cluster configuration with multiple NICs and ToR switches, achieving high throughput and maintaining link redundancy are critical. The configuration provided in Option D utilizes LACP (Link Aggregation Control Protocol) with active mode, which allows for aggregating multiple network connections in parallel to increase throughput and provide redundancy. The balance-tcp mode of the bonding ensures optimal traffic distribution based on the TCP session, ensuring each session can utilize maximum available bandwidth across multiple links. This setting is crucial for environments requiring high network performance and reliability. References:

* Nutanix Bible

* Nutanix University NCS-Core Materials

NEW QUESTION: 104

A customer needs a DR solution designed around the following requirements:

* There are 8 ms of latency between Sites A and B

* The administrator needs the shortest RPO/RT0 possible

* Application consistent snapshots are required

* Use of Nutanix VSS

Which Data Protection Method should be used?

A. Async

B. Metro Availability

C. Near Sync

D. Cloud Connect

Answer: C (LEAVE A REPLY)

Ref:

https://portal.nutanix.com/page/documents/details?targetId=Prism-Element-Data-Protection-Guide-v5_18:wc-dr

NEW QUESTION: 105

Refer to the exhibit.

An administrator creates a security policy that isolates their financial application from accessing the Internet. When viewing the policy in Prism Central, several connections from the application are outbound to the Internet.

What is causing this issue with the policy?

- A. The 0.0.0.0 address was not specified in the outbound rule.
- B. The blocked connections are illustrated for information only.
- C. The Activate box was not checked in the rule, so it is not enforcing.
- D. The policy has been left in monitor mode instead of enforcing mode.

Answer: D (LEAVE A REPLY)

<https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v510:mul-security-policy-management-pc-c.html>

NEW QUESTION: 106

An administrator needs to expand a cluster based on AHV and running on Nutanix G5 hardware with a new Nutanix G7 system. The cluster is running AOS 5.10 but the operation fails when expanding the cluster. AOS is running on the new system. There are no issues discovering the node.

Why is the operation failing?

- A. AOS version running on G7 is older than the version on the cluster.
- B. Foundation software has not been updated on the cluster.
- C. G7 hardware cannot be added to a G5 cluster.
- D. EVC needs to be configured before cluster expansion

Answer: A (LEAVE A REPLY)

Ref: <https://next.nutanix.com/installation-configuration-23/product-mixing-restrictions-37231>

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NEW QUESTION: 107

In a 20-node ESXi deployment, the customer needs additional resiliency to survive the loss of two nodes concurrently.

Which configuration should the consultant use to ensure that the appropriate resources are available?

- A. Storage reservation for 10%; HA admission control for 10%, cluster RF3
- B. Storage reservation for 5%; HA admission control for 5%, cluster RF2
- C. Storage reservation for 5%; HA admission control for 5%, cluster RF3
- D. Storage reservation for 10%; HA admission control for 10%, cluster RF2

Answer: C (LEAVE A REPLY)

To ensure additional resiliency in a 20-node ESXi deployment capable of surviving the concurrent loss of two nodes, the consultant should configure the system with a storage reservation and HA (High Availability) admission control each set to 5%, combined with a cluster redundancy factor (RF) of 3. RF3 provides the capability to tolerate the failure of up to two nodes without data loss, thus enhancing the cluster's resilience.

This configuration is optimal for maintaining cluster availability and integrity during multiple node failures.

References: Nutanix Bible, Nutanix University

NEW QUESTION: 108

A consultant is onsite with a customer running Foundation VM (FVM) and discovers that there is no connectivity between the FVM and their laptop. The consultant verifies the following:

- * The consultant's laptop and Nutanix nodes are plugged into a flat switch.
- * The laptop, switch and nodes are plugged into supported power supplies.
- * The laptop network adapters and FVM are configured with their corresponding IP addresses.

What is the cause for the connectivity failure to the FVM?

- A. The switch is not plugged into the power supply.
- B. Desktop Firewall is blocking ping requests.
- C. Network cables are not connected.
- D. Laptop WiFi configured to use DHCP.

Answer: B (LEAVE A REPLY)

If there is no connectivity between the Foundation VM (FVM) and the consultant's laptop despite all devices being properly powered and correctly configured, the likely cause is the desktop firewall on the consultant's laptop blocking ping requests. This is a common issue that can prevent communication over the network even when all other network configurations are correct. The consultant should check the firewall settings and allow the necessary permissions for network communications to establish connectivity. References: Nutanix Network Troubleshooting Guide, Nutanix Installation and Configuration Documentation.

NEW QUESTION: 109

A consultant is onsite with a customer to expand an existing eight-node cluster with four new GPU nodes.

The consultant plugs the nodes into the network switch and follows the procedure to expand the cluster in Prism Element, but the new nodes cannot be found.

Which issue is preventing the new nodes from being discovered?

- A. IPMI is not plugged into the network.
- B. IPv6 is disabled on the ToR switch.
- C. Node discovery is disabled in the BIOS.
- D. Active Directory is not configured appropriately.

Answer: A (LEAVE A REPLY)

If new GPU nodes cannot be found during an attempt to expand an existing cluster:

* A. IPMI is not plugged into the network: IPMI must be connected and functional for node discovery and management during expansion processes. If IPMI ports are not connected to the network, the nodes will not be discoverable in Prism Element.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), particularly the sections discussing network requirements for cluster expansion.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), focusing on troubleshooting and resolving issues during hardware expansions.

NEW QUESTION: 110

An administrator needs to configure snapshots for DR scenarios. The databases get refreshed on Friday nights regularly. The search service application re-indexes the new application on Saturday nights regularly. The remaining front-end and middle tier VMs are static but do get minor version updates weekly.

The administrator needs to have 2 weeks of daily snapshots for all the VMs in an app group and 2 weeks application consist local snapshots only on Fridays, Saturdays and Sundays on the same group of VMs.

Which two options should the administrator use to configure snapshots?

A. Create a schedule in a protection domain for all applicable VMs to snap daily with application consistency enabled with 6 days of retention and with no application consistency and 14 days local retention.

B. Create two consistency groups in a protection domain, one for front-end and middle tier apps with no application consistency, one for database and Search apps with application consistency, and apply the correct schedule to both groups.

C. Create one protection domain for all VMs in an application group with scheduled daily non-application consistent snapshots and another protection domain for all VMs in an application group with scheduled Friday, Saturday, Sunday application consistent snapshots.

D. Create a protection domain for all VMs

Answer: C (LEAVE A REPLY)

To meet the requirement of having two weeks of daily snapshots and application-consistent snapshots on specific days (Friday, Saturday, Sunday), the best approach is to use two separate protection domains. This setup allows for greater flexibility in managing retention policies and ensuring application consistency. One protection domain will handle daily snapshots without application consistency for regular backups, and the other will handle application-consistent snapshots for critical times when databases and applications are updated, ensuring data integrity during these operations.

References:

* Nutanix Bible: Data Protection and DR

* Nutanix University: Creating and Managing Protection Domains

NEW QUESTION: 111

An administrator is deploying an application using Nutanix Volumes. After configuring the volume group and connecting the guest's iSCSI initiator to the volume group, they begin performance testing.

The administrator learns that performance on the virtual disk attached to the iSCSI initiator is far less than that of a virtual disk connected directly to the VM.

Which situation is causing this condition?

- A. The performance test is generating small block random 10.
- B. The VM's iSCSI traffic is being routed to the data services IP subnet
- C. Data Locality ensures that VM attached disks are always faster than iSCSI volumes.
- D. The cluster data services IP address is a bottleneck, shared with other iSCSI traffic

Answer: D (LEAVE A REPLY)

NEW QUESTION: 112

Refer to the exhibit.

A Microsoft SQL 2016 deployment is shown in the exhibit. The administrator receives user reports that database queries take too long to return.

Which optimization should be made to this configuration to improve performance?

- A. Combine both of the OS and SQL Binaries disks
- B. TempDB, and Logs disk Separate the Database. TempDB, and Logs onto their own disks
- C. Configure the VM to use a PCI disk controller
- D. Add a second SCSI controller for the Database.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 113

A consultant deploys a four-node VMware ESXi cluster and vCenter server. An HA/DRS cluster is configured for all four nodes. The customer deploys five new VMs on the cluster.

During the knowledge Transfer, a network cable on one node is removed to demonstrate HA and migration of the VMs to another host. In the HA/DRS cluster settings, the VM Restart Priority for all CVMs is set to Disabled. The customer observes warnings that the CVM on the ejected host is no longer powered on.

Which ESXi HA/DRS cluster setting is missing?

- A. Disable Automation Level on all CVMs.
- B. Disable VM Monitoring on all CVMs.
- C. Enable Host Monitoring.
- D. Enable EVC for the cluster.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 114

A Nutanix cluster is deployed with the following configuration:

- * Three four-node blocks (A, B, and C)
- * All Flash Redundancy Factor 2

What is the effect of simultaneous disk failures on two nodes located in block A?

- A. VMs are migrated off of the nodes with disk failures.
- B. Each node with a failed disk is marked as degraded.
- C. VM read and write operations continue normally.
- D. VMs on the nodes with failed disks are unable to write data

Answer: ([SHOW ANSWER](#))

Ref: <https://next.nutanix.com/how-it-works-22/redundancy-factor-vs-replication-factor-37486>

NEW QUESTION: 115

Refer to the exhibit.

After performing ESXi to AHV conversion on a cluster, the alerts shown in the exhibit display on Prism. What should the administrator do to resolve this issue efficiently?

- A. Remove VMs from the Protection Domain and add them back in.
- B. Delete the Protection Domain, create a new Protection Domain, and add the VMs to it
- C. Create a new Protection Domain and add the VMs to it.
- D. Remove the VMs. create a new Protection Domain, and add VMs to it

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 116

To prepare for a new Nutanix installation, a consultant downloads the Foundation VM, imports the VM to their Desktop Virtualization Solution, and powers on the VM. The IPv4 static address on the host workstation and the Foundation VM have been configured, but pings between them fail. Which two troubleshooting steps should the consultant perform? (Choose two.)

- A. Remove and re-import the Foundation VM to ensure the virtual NIC is set to Host-Only.
- B. Verify the virtual NIC in the Foundation VM is bound to the correct physical Host adapter.
- C. Confirm the IP addresses and subnet masks are correct.
- D. Verify the virtual NIC in the Foundation VM is bound to the correct wireless network adapter.

Answer: A,C ([LEAVE A REPLY](#))

When facing connectivity issues between the host workstation and the Foundation VM, ensuring proper network configuration is crucial. Removing and re-importing the Foundation VM can help reset any configuration issues, particularly ensuring that the virtual NIC is set to the correct mode, such as Host-Only, to facilitate direct communication with the host. Confirming the IP addresses and subnet masks ensures that both the host and the VM are on the same network segment, which is essential for successful communication. This step verifies that there are no IP configuration errors causing the connectivity issue.

References:

* Nutanix Bible: Foundation VM Setup and Configuration

* Nutanix University: Foundation VM Networking Configuration

NEW QUESTION: 117

An administrator is configuring an All Flash cluster to support the following workloads:

- * Full clone virtual desktops
- * Hadoop
- * Write heavy databases

Which three correct configuration options should the administrator use to meet the item requirements?

(Choose three.)

For each procedure, indicate whether it is a correct or incorrect procedure that must be configured to meet the item requirements using the drop-down option.

Answer:

Explanation:

Ref:

NEW QUESTION: 118

Refer to the exhibits.

An administrator has reported that a new VM is not performing well.

After analyzing the information presented in the exhibits, which option shows the best conclusion regarding this workload?

- A. VM is Storage constrained, because the workload is waiting for storage access.
- B. VM is CPU constrained since the hypervisor cannot provide the required resources.
- C. VM is CPU constrained because more CPU needs to be added to the VM.
- D. VM is not CPU constrained, because the VM is not running, a multithreaded application.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 119

A consultant configures an ESXi cluster which will utilize a vSphere Distributed Switch (vDS). The consultant has just migrated the first host to the dvSwitch when several alerts appear within Prism Element regarding Host-to-CVM connectivity.

What is causing these alerts?

- A. The consultant migrated the CVM svm-iscsi-pg network adapter over to the vDS.
- B. The consultant migrated the CVM Backplane network adapter over to the vDS.
- C. The consultant migrated the CVM Backplane and VM network adapter over to the vDS.
- D. VLAN tags are incorrectly configured on the vDS port groups.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 120

Refer to the exhibit.

A system administrator is using Range-Autofill tool to assign IP addresses to setup a multi-block cluster based on the following configuration:

Which additional changes must be made during the Foundation process to configure the cluster correctly?

- A. Change host names
- B. Reorder block serial
- C. Reorder blocks
- D. Change IP address

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 121

A consultant is setting up a new vSphere cluster. Customer requirements are as follows:

- * VMs should automatically failover to another host if the host crashes
- * Host CPU and Memory resources should be evenly balanced
- * New VMs should be placed on the host with the most resources available Which two settings should be turned on to meet the requirements? (Choose two.)

- A. vSphere HA
- B. vSphere Power Management
- C. vSphere DRS
- D. vSphere vMotion

Answer: A,C ([LEAVE A REPLY](#))

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NEW QUESTION: 122

An administrator needs to maximize storage potential in a six-node cluster. The container is configured with the following:

- * Post-process compression
- * Capacity deduplication

What should the administrator configure to increase space savings?

- A. Erasure coding
- B. Inline compression
- C. Reserve capacity
- D. Cache dedupe

Answer: ([SHOW ANSWER](#))

The administrator's goal is to maximize storage potential in a cluster already configured with post-process compression and capacity deduplication. Erasure Coding (EC-X) is an effective method to further increase space savings by reducing the amount of redundancy data required for fault

tolerance. It splits data into multiple chunks, which are distributed across the cluster, and parity is calculated and stored. This method is more space-efficient compared to traditional RAID or mirroring techniques, especially in environments where large data volumes need efficient storage.

References:

* Nutanix Bible: Storage Efficiency

* Nutanix University: Storage Configuration and Optimization

NEW QUESTION: 123

A consultant completes a new cluster installation and tries to update the firmware using LCM. The update fails with the following.

operation failed, Reason: Failed to run LCM operation, error: ReadError('not a grip file',).

Which log should the consultant view to get more info?

A. genesis.out

B. zookeeper.out

C. janus.out

D. athena.out

Answer: A (LEAVE A REPLY)

The error encountered during the LCM operation suggests a failure in reading a file, which might be linked to the foundational services of the cluster. The genesis.out log file is essential for troubleshooting issues related to cluster initialization and fundamental operations. This file logs the activities of the Genesis service, which is responsible for managing and monitoring the lifecycle of cluster services, including LCM tasks. In case of errors during LCM operations, the genesis.out log provides detailed insight into what might have gone wrong during the process, making it the appropriate log to check in this scenario.

References:

* Nutanix Bible: <https://www.nutanixbible.com/>

* Nutanix University Videos on LCM and Genesis service: Nutanix Official YouTube Playlist

NEW QUESTION: 124

A customer would like to re-image an existing cluster. The Foundation Applet and Foundation VM is unavailable to them.

How can the consultant access Foundation-as-a-Service (FaaS)?

A. Through <cluster-IP> :9443

B. Through <cluster-IP> :8000

C. Through <CVM-IP> :9443

D. Through <CVM-IP> :8000

Answer: (SHOW ANSWER)

If a customer needs to re-image an existing cluster and both the Foundation Applet and Foundation VM are unavailable, the consultant can access Foundation-as-a-Service (FaaS) through the CVM IP address followed by port 9443, as indicated in Option C. FaaS allows for the re-imaging of Nutanix nodes through a web interface hosted directly on the CVM, making it an

effective tool for deploying and managing clusters without needing additional installation media or virtual machines. References: Nutanix Foundation as a Service (FaaS) Documentation, Nutanix Support Portal.

NEW QUESTION: 125

A consultant is unable to ping the CVM from the hypervisor using the external interface. The customer's network is configured with the 10.3.12.0/24 subnet without VLAN tagging. The CVM and hypervisor are using the same address space.

What is causing this issue?

- A. The 1GbE and 10GbE NICs have not been separated.
- B. The default gateway is incorrect.
- C. The switch is trunked without a native VLAN.
- D. The CVM/hypervisor only communicates over 192.168.5.0/24.

Answer: B (LEAVE A REPLY)

If a consultant is unable to ping the CVM from the hypervisor using the external interface in a network without VLAN tagging, and both are using the same subnet, the issue might be related to an incorrect default gateway configuration. The default gateway must be correctly set to ensure proper routing of packets between the CVM and the hypervisor. An incorrect gateway can prevent successful communication even if both devices are on the same subnet. References:

* Nutanix University - NCS-Core 6.8 Learning Path

* The Nutanix Bible, Networking chapter (<https://www.nutanixbible.com/>)

NEW QUESTION: 126

In which two ways can the IPMI address be set on a Nutanix hardware installation? (Choose two.)

- A. Nutanix Network Crashcart
- B. iLO configuration utility
- C. BIOS configuration
- D. ipmitool

Answer: C,D (LEAVE A REPLY)

The IPMI address on a Nutanix hardware installation can be set in two ways:

* BIOS configuration: Access the BIOS settings during boot-up to manually configure the IPMI address directly on the hardware.

* ipmitool: Use the ipmitool command-line utility to configure the IPMI address from a remote session or script, which provides a way to automate or manage IP settings without needing physical access to the BIOS.

References:

* Nutanix Bible (<https://www.nutanixbible.com/>), particularly the sections on hardware installation and IPMI settings.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com/>), detailing tools and techniques for IPMI configuration.

NEW QUESTION: 127

A system administrator needs to shut down an AHV node in a Nutanix cluster without causing service disruption. The administrator checks data resiliency and verifies that the cluster can tolerate a node down.

Which three steps should the administrator perform next? (Choose three.)

Answer:

Explanation

1 allow vms2 sd CVM3 sd node

NEW QUESTION: 128

A customer has a G6 AHV cluster with 4x10GbE NICs on each node and the following configuration:

- * Networking is set to default
- * Only two NICs are connected

The customer receives the following critical message:

The NIC is disconnected from the switch, or the switchport is failing.

What should the consultant verify to resolve the issue?

- A. The NICs are configured for active-backup.
- B. The other two 10GbE connections are removed from the default bond.
- C. The NICs are connected for balance-slb.
- D. The VLANs are configured correctly on the switch or tagged on the cluster.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 129

A consultant is deploying a two-node cluster at a remote branch office.

Which component must be available to complete cluster configuration?

- A. Prism Central
- B. Witness VM
- C. Remote Site
- D. Protection Domain

Answer: B ([LEAVE A REPLY](#))

In the deployment of a two-node cluster at a remote branch office, the presence of a Witness VM is essential to manage the cluster quorum and data integrity in case one of the nodes fails or becomes unreachable. The Witness VM acts as an external arbitrator that helps prevent data unavailability and split-brain scenarios in a situation where the cluster nodes cannot communicate with each other. This configuration is necessary because with only two nodes, there isn't a third node to maintain quorum natively. References: Nutanix Bible, Nutanix University

NEW QUESTION: 130

A consultant deploys a new ESXi-based Nutanix cluster and migrates a sphere deployment to the cluster, After completing the deployment, the customer states they are experiencing VM performance issues.

Upon observing logs and performance data, the consultant identified the following symptoms.

Excessive read/write I/Os on CVMs

Excessive Motion of VMs

What is causing this issue?

- A. Sphere cluster DRS migration threshold is set to Conservative.
- B. DRS is in use and the cluster is configured to use Erasure Coding.
- C. DRS is in use and the cluster is configured to use Deduplication.
- D. Sphere cluster DRS migration threshold is set to Aggressive

Answer: D (LEAVE A REPLY)

The customer is experiencing VM performance issues characterized by excessive read/write I/Os on CVMs and excessive motion of VMs due to the Distributed Resource Scheduler (DRS) in an ESXi-based Nutanix cluster. This is likely caused by the DRS migration threshold being set to Aggressive, which leads to frequent rebalancing of workloads across the cluster, causing high I/O and VM motion. Adjusting this setting to a less aggressive level can help reduce unnecessary VM motions and stabilize performance. References: Nutanix Bible, Nutanix University NCS-Core 6.8 learning materials

NEW QUESTION: 131

During a technical call with a customer, it is identified that this installation will be software only on Dell servers. The out-of-band management interfaces will not be given IP addresses until the consultant is onsite.

Which Foundation method should be used for this type of installation?

- A. Bare metal using iDRAC MAC addresses.
- B. Bare metal using LAN MAC addresses.
- C. Bare metal using node serial numbers.
- D. Bare metal using block serial numbers.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 132

A customer has a primary datacenter with 12 Nutanix blocks distributed across three racks. The customer wants to achieve the most resiliency possible. They also have a datacenter in a branch office that is 400 kilometers away from the primary datacenter.

Which two solutions should be used? (Choose two.)

- A. Block awareness
- B. Async DR to a remote site
- C. Rack awareness
- D. Time Stream to a remote site

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 133

Which Nutanix feature creation is described in the Knowledge Transfer?

- A. Self Service Portal
- B. Calm Blueprints
- C. REST API
- D. Data Protection Domain

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 134

A customer has provided the following network requirements to their consultant during a discovery session for AHV cluster deployments:

- *Maximum Uptime Guest Traffic is a Hard Requirement
- *Maximum Throughput for Guest is a Hard Requirement
- *Link Aggregation is established at the TORs

Cluster nodes have the following network card configurations:

- *2 x 40GbE Adapters
- *2 x 1GbE Adapters

How should the consultant satisfy these requirements?

- A. Bonded 2 x 40GbE Adapters with LACP Disabled for Storage Traffic and Guest Traffic using balance-sib
- B. Bonded 2 x 1 GbE Adapters with LACP Enabled for Storage Traffic and Bonded 2 x 40 GbE Adapters for Guest VM Traffic using balance-tcp
- C. Bonded 2 x 40GbE Adapters with LACP Enabled for Storage Traffic and Guest Traffic using balance-tcp
- D. Bonded 2 x 40GbE Adapters with LACP Disabled for Storage Traffic and bonded 2x1 GbE Adapters for Guest VM Traffic using active-backup

Answer: C ([LEAVE A REPLY](#))

To satisfy the customer's requirements for maximum uptime and throughput in an AHV cluster deployment with link aggregation at the Top-of-Rack (TOR) switches, the consultant should:

* Bonded 2 x 40GbE Adapters with LACP Enabled for Storage Traffic and Guest Traffic using balance-tcp: This configuration leverages Link Aggregation Control Protocol (LACP) to combine the bandwidth of the two 40GbE adapters, enhancing both redundancy and throughput. The balance-tcp mode ensures effective load balancing of traffic based on TCP session ensuring optimal use of available bandwidth and improved fault tolerance.

References:

- * Nutanix Bible (<https://www.nutanixbible.com>), particularly the sections discussing network configurations and LACP.
- * Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), which covers advanced network settings for performance optimization.

NEW QUESTION: 135

Refer to Exhibit:

A customer is preparing to expand a cluster with a consultant. The production cluster is comprised of one NX-3460-G7 and two NX-8235 G8 blocks. The running AOS version is 5.20.4.6 and Hypervisor version is ESXi 6.7 U3b. vCenter is also running a 6.7 version.

One NX-3235-G9 block will be added to that cluster (ESXI-NUTA-09 and ESXI-NUTA-10).

The consultant has verified Nutanix documentation and customer's As-Built guide:

*NX-3060-G7 and NX-8035-G8 are hybrid HCI nodes

*ESXi 6.7 U3b is unsupported for the new G9 hardware model

*AOS 5.20.X and ESXi 6 X are end of support

*NX-3060-G7 and NX-8035-G8 hypervisors can be upgraded to the latest ESXi supported version

What actions should be taken before beginning the cluster expansion?

- A. Upgrade vCenter, AOS and ESXi to supported and recommended versions.
- B. Upgrade only AOS and ESXi to supported and recommended versions.
- C. Replace all HDDs with SSDs on the Production cluster.
- D. Prepare Foundation and the whitelist. json file to deploy ESXi 6.7 U3b on the new nodes.

Answer: A (LEAVE A REPLY)

Before expanding the cluster with the new NX-3235-G9 block, it is critical to ensure that all components are running supported and recommended versions due to compatibility and support issues. Therefore, the necessary actions include: A. Upgrade vCenter, AOS, and ESXi to supported and recommended versions. This step ensures compatibility across all components, particularly important as the new G9 hardware does not support the currently installed version of ESXi. Upgrading these components will also ensure continued vendor support and the stability of the environment. Options B, C, and D do not adequately address the need for vCenter upgrades or the fact that ESXi 6.7 U3b is unsupported for G9, highlighting the necessity for a comprehensive upgrade. References: Nutanix Hardware Compatibility List, Nutanix Support Portal.

NEW QUESTION: 136

An administrator needs to forecast infrastructure requirements for a new program and its associated applications. Prior to the projected start of the new program, all existing applications will be decommissioned.

How should the administrator perform this task?

- A. Check the Disregard Existing Workloads radio button in the Runway scenario.
- B. Check the Disregard Existing Nodes radio button in the Runway scenario.
- C. Add up the recovered workloads and manually remove from the Runway configuration.
- D. Power down the workloads during a maintenance window and run the Capacity Runway.

Answer: A (LEAVE A REPLY)

When forecasting infrastructure requirements for a new program in a Nutanix environment where all existing applications will be decommissioned, the most straightforward method is to disregard

any workload calculations that include existing applications. This ensures that the analysis focuses solely on the needs of the new program.

Option A, "Check the Disregard Existing Workloads radio button in the Runway scenario," is the correct choice. Nutanix Runway is a tool designed to help administrators forecast and plan infrastructure requirements based on upcoming needs without being skewed by current utilizations that are scheduled to be decommissioned.

This method allows for a cleaner, more accurate projection of resources needed for the new applications, disregarding any resources currently in use that will no longer be relevant.

References: This approach is detailed in Nutanix planning and forecasting documentation, ensuring administrators can plan accurately for infrastructure changes and needs without the interference of outgoing workloads.

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NEW QUESTION: 137

The customer notices storage latency issues with their new Nutanix AHW cluster. The deployment includes the following components:

2 ToR switches

7 nodes

Which command should the consultant run to identify issues?

A. `manage_ovs show bridges`

B. `manage_ovs show_interfaces`

C. `manage_ovs show_11dp`

D. `manage_ovs show_uplinks`

Answer: B (LEAVE A REPLY)

To troubleshoot storage latency issues in a Nutanix cluster, it is vital to examine the state and performance of the network interfaces. The command `manage_ovs show_interfaces` provides comprehensive details about each interface's status, including any errors or drops that could contribute to network-related latency. This information is crucial for identifying problematic nodes or interfaces that may be causing storage access delays. This command effectively presents the operational status of network interfaces, which can help pinpoint issues directly affecting storage performance.

References:

* Nutanix Command Reference Guide: <https://portal.nutanix.com>

* Nutanix University Troubleshooting Network Issues:
<https://www.nutanix.com/support-services/training-certification>

NEW QUESTION: 138

A consultant is running Foundation. The cluster creation fails during the process. The host logs confirm that the nodes have been successfully imaged. The consultant decides to create the cluster manually.

Which command should the consultant use?

- A. `cluster -s IP_CVM_M, IP_CVM_B, IP_CVM_n create`
- B. `cluster create -s IP_CVM_A, IP_CVM_B, IP_CVM_n`
- C. `cluster -s IP_CVM_A, IP_CVM_B, IP_CVM_n create_manual`
- D. `cluster -c IP_CVM_A, IP_CVM_B, IP_CVM_n`

Answer: B (LEAVE A REPLY)

NEW QUESTION: 139

After a consultant runs Foundation, the imaging process fails.

In which two locations can the consultant find the logs? (Choose two.)

- A. On the Hypervisor - `/home/nutanix/foundation/logs`
- B. On the Foundation VM - `/home/nutanix/foundation/logs`
- C. Logs link on the Foundation Imaging Screen
- D. On the CVM - `/home/Nutanix/foundation/logs`

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 140

A consultant creates a four-node AHV cluster with two 1GbE (eth0, etc1) and two 10GbE (eth2, eth3) NICs per node. The 1GbE NICs will not be placed into service, but the customer wants the network to be preconfigured for their eventual use.

The consultant removes the 1GbE NIC from the default bond and creates a second bridge(br1), but is unable to add the 1GbE NIC using the below command:

`manage_ovs -bridge_name br1 -interfaces 1g -bond_name br1-up update_uplinks` Which parameter is missing from this command?

- A. `--bond_duplex full`
- B. `--require_link=false`
- C. `--interfaces eth0`
- D. `--bridge_duplex full`

Answer: C (LEAVE A REPLY)

The `manage_ovs` command requires specific interface names to be added or configured under a bridge or bond. In the provided scenario, the command failed because it generically referred to '1g' which is not a recognized interface or valid parameter syntax. For the command to work correctly, each individual interface name must be specified. In this case, the missing parameter

was the specific interface name 'eth0' for one of the 1GbE NICs. The corrected command should explicitly include the NIC names, e.g., --interfaces eth0,eth1

.References:

- * Nutanix Bible
- * Nutanix University NCS-Core Materials

NEW QUESTION: 141

After imaging the nodes and creating the cluster successfully, the consultant connects the cluster to the customer network. When logging into Prism, the events dashboard is full of errors.

What is causing the issue?

- A.** The cluster was not stopped prior to connecting to the customer network.
- B.** The Cluster Virtual IP Address (VIP) was not set up during the process.
- C.** Foundation did not create the cluster successfully.
- D.** The consultant did not run Nutanix Cluster Check (NCC)

Answer: B (LEAVE A REPLY)

After creating a cluster and connecting it to the customer's network, if the events dashboard in Prism is full of errors, a likely cause could be that the Cluster Virtual IP Address (VIP) was not properly set up. The VIP is crucial for accessing the Nutanix Prism interface and for the proper functioning of the cluster's management operations.

NEW QUESTION: 142

While reviewing the BOM during the kickoff call, a consultant notices that there are six NX nodes and 12 SFP+ modules, but no fiber cables are listed.

Which statement is correct regarding this scenario?

- A.** Only copper cables, not fiber cables, are required for SFP* modules.
- B.** The customer can use any fiber cable from existing network devices.
- C.** Nutanix provides fiber cables based on the fiber channel ports on the server.
- D.** The consultant should remind the customer that it is their responsibility to procure compatible fiber cables.

Answer: (SHOW ANSWER)

When deploying Nutanix hardware, it is essential to ensure that all necessary components are included in the Bill of Materials (BOM). In this case, the BOM includes SFP+ modules but lacks the fiber cables needed for connectivity. The SFP+ modules indicate a requirement for fiber optic cables, and it's crucial for the consultant to ensure the client understands their responsibility to procure compatible cables. Nutanix typically does not provide fiber cables as these are considered network infrastructure components, which vary based on specific network requirements and setups.References:

- * Nutanix University - NCS-Core 6.8 Learning Path
- * The Nutanix Bible (<https://www.nutanixbible.com/>)
- * Nutanix TechTalks and Learning Videos (https://www.youtube.com/playlist?list=PLAHgaS9lrJecs_AcQT3Y7vSsKT2mjz3lu)

NEW QUESTION: 143

A consultant has completed a cluster build according to the following requirements:

*Syslog Setup with ERROR level Logging

*Proxy Setup

*SNMP v3 Trap setup

When adding the cluster to an existing Prism Central with a proxy setup, the following error is triggered in the Prism Gateway logs:

Caused by: com.nutanix.util .base.ValidationException: Prism Central is unreachable What configuration is likely missing?

- A. Whitelist of Prism Central OSIP inside of Prism Element and all Prism Element CVMs inside of Prism Central
- B. Whitelist of Prism Central VIP inside of Prism Element and Prism Element VIP inside of Prism Central
- C. Whitelist of AHV Host IP addresses in Prism Central
- D. Whitelist of Prism Central DSIP inside of Prism Element

Answer: B (LEAVE A REPLY)

The error stating "Prism Central is unreachable" when trying to add a cluster to an existing Prism Central with a proxy setup is likely due to incorrect or missing network routing configurations or firewall rules that do not allow communication between Prism Element and Prism Central. The most likely configuration that is missing and needed to resolve this issue is the whitelist of Prism Central VIP inside of Prism Element and Prism Element VIP inside of Prism Central. Whitelisting these Virtual IP addresses ensures that network traffic between these crucial components of the Nutanix architecture is permitted, thus enabling successful communication and registration of the cluster with Prism Central. References: Nutanix Network Configuration Guide, Nutanix Prism Central Administration.

NEW QUESTION: 144

An administrator is migrating 5MB shares from a third-party platform to Nutanix Files with the following characteristics:

* Shares contain user profile directories

* DFS-N will be used

How should the administrator create target shares for this migration?

- A. Create multiple general purpose shares and distribute migrated data as evenly as possible.
- B. Create multiple distributed shares and distribute migrated data as evenly as possible.
- C. Create standard shares with multiple top-level directories and distribute migrated data.
- D. Create distributed shares with multiple top-level directories and distribute migrated data.

Answer: D (LEAVE A REPLY)

Ref: https://portal.nutanix.com/page/documents/details/?targetId=Files-v3_6:Files-v3_6

NEW QUESTION: 145

Refer to the exhibit.

An administrator notices a critical alert on the Metro Availability Protection Domain. What is causing this alert?

- A. Metro Availability Protection domain is active on the remote site.
- B. VMware Site Recovery Manager is handling a failover event
- C. Metro Availability did not fail over and caused an outage.
- D. vSphere moved VMs to the remote container, and the VMs must be moved back.

Answer: A ([LEAVE A REPLY](#))

Ref: https://www.vvlsystems.com/wp-content/uploads/2016/11/BP-2009_Metro_Availability.pdf

NEW QUESTION: 146

In a 20-node ESXi deployment, the customer needs additional resiliency to survive the loss of two nodes concurrently.

Which configuration should the consultant use to ensure that the appropriate resources are available?

- A. Storage reservation for 10%; HA admission control for 10%, cluster RF3
- B. Storage reservation for 5%; HA admission control for 5%, cluster RF2
- C. Storage reservation for 5%; HA admission control for 5%, cluster RF3
- D. Storage reservation for 10%; HA admission control for 10%, cluster RF2

Answer: ([SHOW ANSWER](#))

To ensure additional resiliency in a 20-node ESXi deployment capable of surviving the concurrent loss of two nodes, the consultant should configure the system with a storage reservation and HA (High Availability) admission control each set to 5%, combined with a cluster redundancy factor (RF) of 3. RF3 provides the capability to tolerate the failure of up to two nodes without data loss, thus enhancing the cluster's resilience.

This configuration is optimal for maintaining cluster availability and integrity during multiple node failures. References: Nutanix Bible, Nutanix University

NEW QUESTION: 147

An administrator receives an alert in Prism indicating that interface eth2, on an AHV host is receiving many CRC errors. After logging into the problematic host, the following command is run to show the indicated output:

What is causing this issue?

- A. Incorrect link speeds on the switch
- B. The interface is incorrectly configured with Jumbo Frames
- C. A misconfigured bond
- D. A physical layer network problem

Answer: ([SHOW ANSWER](#))

Ref:

rx_crc_errors are caused either by faults in layer 1 (in the past, we have seen failed twinax cables and incorrect types of fibre being used), or issues with jumbo frames on the network. In an

environment with 10 Gig switches that use cut-through forwarding (Cisco Nexus, Arista, Cisco devices using IOS default to Store and Forward switching), any packets that come into the switch will get forwarded out the destination interface once the switch has read the destination MAC address. If that packet has an MTU over what is configured on the interface, it will cut off the packet at the designated MTU, causing the server to receive a malformed packet, which will throw a CRC error.

If you have a layer 1 issue, you will see rx_crc_errors, not on all but one or two nodes.

NEW QUESTION: 148

Which Nutanix feature creation is described in the Knowledge Transfer?

- A. Calm Blueprints
- B. REST API
- C. Self Service Portal
- D. Data Protection Domain

Answer: A (LEAVE A REPLY)

The Nutanix feature that involves creation as described in the Knowledge Transfer is "Calm Blueprints." Nutanix Calm provides application automation and lifecycle management capabilities that are reflected in Calm Blueprints. These blueprints define the application's architecture, such as services, dependencies, and associated metadata, and are used to automate the provisioning and scaling of applications across multiple environments, making them a critical component in the Nutanix ecosystem for simplifying management and operations of applications. References: Nutanix University, Nutanix Calm User Guide.

NEW QUESTION: 149

Refer to the exhibit.

An administrator is commissioning a Nutanix Enterprise Cloud. Once the user VMs have been deployed and are running, the administrator finds that VMs on the same host are able to communicate, but are unable to communicate between hosts.

What must be changed to enable full inter-VM communications?

- A. Change the network the VMs are connected to
- B. Change the spanning-tree port type on the switch
- C. The VMs need to have static IP addresses
- D. Update the switch to specifically allow VLAN 15

Answer: D (LEAVE A REPLY)

Ref: <https://hyperhci.com/2019/11/09/nutanix-ahv-enable-vlan-trunk-mode-on-guest-vm/>

NEW QUESTION: 150

A CEO asks the IT administrator to provide a list of required resources to protect current workloads and the two new SQL servers from a disaster. The Nutanix environment is managed by Prism Central.

Which option explains how to meet the CEO's request?

- A. In Capacity Runway, select Optimize Resources and select all VMs that must be protected.
- B. Create a new project and assign the VMs to it to get compute and storage requirements.
- C. Create a new Recovery policy by selecting the VM that needs to be protected and get hardware requirements.
- D. Create a new scenario based on a new cluster based on a VM Profile and select Recommend.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 151

An administrator is configuring software only. Data-at-Rest Encryption on their Nutanix cluster. They are planning to deploy a third-party key management server (KMS).

Where should this server be hosted?

- A. As a single VM on the Nutanix cluster
- B. On hardware external to the Nutanix cluster
- C. As a clustered VM setup on the Nutanix cluster
- D. As a single VM deployed on the host that contains the Prism leader CVM

Answer: ([SHOW ANSWER](#)**)**

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NEW QUESTION: 152

Refer to the exhibit.

A system administrator is using Range-Autofill tool to assign IP addresses to setup a multi-block cluster based on the following configuration:

Which additional changes must be made during the Foundation process to configure the cluster correctly?

- A. Change host names
- B. Reorder block serial
- C. Change IP address
- D. Reorder blocks

Answer: A ([LEAVE A REPLY](#))

Referring to the exhibit and considering the setup of a multi-block cluster, the necessary change during the Foundation process would be to adjust the host names (Option A). The hostnames provided in the range Autofill seem to be out of order or incorrectly assigned based on the block serial numbers and node arrangement. Correctly naming the hostnames according to a logical or

systematic naming convention during the setup helps in cluster management and operations post-deployment. References: Nutanix Foundation Tool Guide, Cluster Configuration Best Practices.

NEW QUESTION: 153

A consultant is onsite with a customer running Foundation VM (FVM) and discovers that there is no connectivity between the FVM and their laptop. The consultant verifies the following:

- * The consultant's laptop and Nutanix nodes are plugged into a flat switch.
- * The laptop, switch and nodes are plugged into supported power supplies.
- * The laptop network adapters and FVM are configured with their corresponding IP addresses.

What is the cause for the connectivity failure to the FVM?

- A.** Network cables are not connected.
- B.** Laptop WiFi configured to use DHCP.
- C.** The switch is not plugged into the power supply.
- D.** Desktop Firewall is blocking ping requests.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 154

An administrator recently added VLAN 205 CRM in Prism Element. The workloads attached to the associated NICs are unable to establish network connectivity.

Which Layer 2 protocol allows the administrator to troubleshoot this issue from Prism Element?

- A.** HDLC
- B.** SUP
- C.** LACP
- D.** LLDP

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 155

The networking team makes changes to the Top of Rack switches to which the Nutanix cluster are attached. A few VMs are able to communicate with each other on the same node but are unable to connect to other parts of the network.

What is the likely cause of this issue?

- A.** There is a VLAN misconfiguration on the VMs.
- B.** The vNIC port is disconnected on the affected VMs.
- C.** There is a VLAN misconfiguration on the switch.
- D.** Jumbo Frame are misconfigured across ports.

Answer: C ([LEAVE A REPLY](#))

When VMs on the same node can communicate but fail to connect to other parts of the network following changes made to Top of Rack switches, the issue often stems from a VLAN configuration error on the switches. VMs on the same node communicating successfully indicates that the local switch configuration is intact, but inability to reach external network segments points

to an incorrect VLAN setup on the broader network, likely introduced during the recent changes to the Top of Rack switches. References: Nutanix Networking Guide, Troubleshooting Network Connectivity in Nutanix.

NEW QUESTION: 156

An administrator configure Active Directory (AD) authentication for their Nutanix environment. When login in using an AD user account, the login process takes more than one minute to complete. No delay occurs when logging a local account.

What should the administrator confirm to resolve this issue?

- A.** The user search base for the group is configured correctly
- B.** The domain controller being used is configured as a global catalog server.
- C.** Active directory lookups are configured to use Non-Recursive mode.
- D.** The service Account Username is correct for the domain.

Answer: C (LEAVE A REPLY)

In a Nutanix environment, if the login process using an Active Directory (AD) user account takes more than a minute to complete, it could be due to the configuration of the AD lookups.

Active Directory lookups can be configured to use either Recursive or Non-Recursive mode. In Recursive mode, the system will look up each group that a user is a member of, then each group that those groups are members of, and so on. This can lead to a large number of lookups and potentially slow down the login process¹.

On the other hand, in Non-Recursive mode, the system only looks up the direct groups that a user is a member of. This can significantly reduce the number of lookups and speed up the login process¹.

Therefore, the administrator should confirm that Active Directory lookups are configured to use Non-Recursive mode to resolve this issue.

References:

- * Active Directory Authentication is slow - Takes minutes to Logon | Nutanix Community
- * Configuring Authentication | Nutanix Community
- * Solving Slow Logon Issues in Active Directory Environments

NEW QUESTION: 157

Refer to the exhibit.

A Microsoft SQL 2016 deployment is shown in the exhibit. The administrator receives user reports that database queries take too long to return.

Which optimization should be made to this configuration to improve performance?

- A.** Add a second SCSI controller for the Database.
- B.** Combine both of the OS and SQL Binaries disks
- C.** Configure the VM to use a PCI disk controller
- D.** TempDB, and Logs disk Separate the Database. TempDB, and Logs onto their own disks

Answer: D (LEAVE A REPLY)

NEW QUESTION: 158

When utilizing the Nutanix cluster As Built Document generator, which two configuration elements should a consultant provide when running the run_as_built.exe command? (Choose two.)

- A. Data Services IP
- B. Cluster IP
- C. Remote Site IP
- D. Customer Name

Answer: B,D (LEAVE A REPLY)

When using the Nutanix cluster As Built Document generator, the necessary configuration elements to provide when running the run_as_built.exe command include the Cluster IP (B) and the Customer Name (D).

The Cluster IP is required to properly identify and communicate with the cluster to gather configuration and operational data. The Customer Name is typically used to personalize the documentation, making it specific to the client's deployment, which is useful for record-keeping and future reference purposes. References: Nutanix As Built Documentation generator usage guidelines, Nutanix Best Practices for Documentation.

NEW QUESTION: 159

An administrator is using Nutanix Move to migrate a Windows VM from ESXi to AHV. Automated guest preparation is failing with an error:

Account has UAC enabled error

The administrator is using the local built-in administrator account for the Windows VM Admin approval mode must remain enabled.

What should the administrator do to continue with the migration with Nutanix Move?

- A. Use a Domain Admin account for the Windows VM
- B. Reboot the Windows VM and try the migration again
- C. Follow manual VM preparation guidelines
- D. Place Windows VM in Maintenance Mode

Answer: C (LEAVE A REPLY)

<https://next.nutanix.com/move-application-migration-19/nutanix-xtract-validation-failed-user-must-belong-in-a-group-with-restore-files-and-directories-security-policy-31303>

NEW QUESTION: 160

During a six-node cluster deployment, one node fails to image successfully and Foundation is unable to automatically configure the cluster. The consultant decides to manually complete cluster formation with the successful nodes, then expand the cluster with the remaining unconfigured node.

Which command should be used to begin the process?

- A. cluster status
- B. cluster expand
- C. cluster create

D. cluster start

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 161

An administrator is deploying an application that requires maximum I/O throughput for scratch data. The administrator is concerned that the throughput requirement is greater than what can be provided by a single cluster node.

What should the administrator do to meet this requirement?

- A. Create a volume group with several virtual disks and attach to the VM
- B. Create a volume group with one virtual disk attached to the VM
- C. Create a virtual disk attached to the VM's PCI interface
- D. Create several virtual disks attached to the VM's virtual SCSI controller

Answer: ([SHOW ANSWER](#))

Ref: <https://next.nutanix.com/community-blog-40/scaling-up-vm-storage-performance-on-ahv-volume-group-load-balancer-28063>

NEW QUESTION: 162

During which part of the Knowledge Transfer does the customer learn about Nutanix basics and their environment at a high level?

- A. Technical Checklist
- B. Technical Handoff Slides
- C. Support portal
- D. As-Built Guide

Answer: ([SHOW ANSWER](#))

During the Knowledge Transfer phase, customers typically learn about Nutanix basics and their specific environment at a high level through "Technical Handoff Slides." This part of the training and handover process provides a broad overview of the installed solution, how it operates, and how it interacts with the existing infrastructure, making it essential for foundational understanding. References: Nutanix Bible, Nutanix University NCS-Core 6.8 learning materials

NEW QUESTION: 163

A customer has a Nutanix cluster with 10Gb connectivity via switch fabric extenders. The administrator receives NCC health check errors of latency greater than 200ms.

Which action should the administrator take to resolve the NCC errors?

- A. Replace the switch fabric extenders with 10G line rate switches
- B. Upgrade NCC and increase the CVM memory by 4Gb
- C. Add 2 additional 10G uplinks from the switch fabric extenders per node
- D. Upgrade NCC and increase the vCPU of the CVM

Answer: A ([LEAVE A REPLY](#))

Ref:

<https://portal.nutanix.com/page/documents/details?targetId=System-Specs-G6-Single-Node:set-block-connect-c>.

NEW QUESTION: 164

An administrator migrates a VM onto a new Nutanix cluster. After the migration, the administrator observes the following conditions:

- * Cluster memory utilization: 64%
- * Cluster CPU utilization: 19%
- * Cluster storage utilization: 32%
- * Average VM CPU utilization: 25%
- * Average VM CPU ready%: 24%
- * Average VM memory utilization: 60%

Which two changes should the administrator make to improve VM performance? (Choose two.)

- A.** Add more memory to the VMs.
- B.** Reduce the number of vCPUs assigned to VMs.
- C.** Replace high core count CPUs with high clock rate CPUs. (also can be but is physical invas)
- D.** Reduce the number of VMs on the hosts.

Answer: B,D (LEAVE A REPLY)

ref <http://www.joshodgers.com/tag/cpu-ready/>

NEW QUESTION: 165

After uploading a hypervisor ISO during the Foundation process, a consultant sees a message that the MD5 sum for the hypervisor is not found in the Whitelist file.

Which step should the consultant take next to resolve this issue?

- A.** Download the hypervisor ISO again from the vendor website.
- B.** Restart the Foundation process and upload the hypervisor again.
- C.** Download the latest hypervisor ISO whitelist file from Nutanix portal.
- D.** Check the hypervisor version in the Nutanix Compatibility Matrix.

Answer: (SHOW ANSWER)

When a consultant sees a message indicating that the MD5 sum for the hypervisor is not found in the Whitelist file after uploading it during the Foundation process, the appropriate step is to download the latest hypervisor ISO whitelist file from the Nutanix portal (Option C). This file contains the approved checksums for various ISO images, ensuring that the hypervisor ISO being used is verified for compatibility and integrity. References:

Nutanix Foundation Guide, Nutanix Support Portal.

NEW QUESTION: 166

A consultant creates three storage containers (container-1, container-2, container-3). The customer requires that only container-1, which will be utilized as an NFS datastore, be presented to external hosts.

However, users are able to mount all three containers.

What is causing this problem?

- A. Compression was turned on for all containers.
- B. A Container-level whitelist entry was configured.
- C. Deduplication was turned on for all containers.
- D. A Global whitelist entry was configured.

Answer: (SHOW ANSWER)

The issue where users can mount all three storage containers despite the intention to restrict access to just container-1 typically stems from a Global whitelist entry. A global whitelist allows all entities to access all containers unless more specific restrictions are applied at the container level. To correct this, specific whitelist entries need to be configured for each container to define and restrict access appropriately. References: Nutanix NCS-Core 6.8 training resources, the Nutanix Bible, and Nutanix technical documentation on storage container management.

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NEW QUESTION: 167

An administrator is currently using both 10g uplink with LACP and balance-tcp. A single VM should not be allowed to use more than a single 10G uplink, and both uplinks should be utilized. Which two command should be used to configure the bond? (choose two)

- A. Ovs-vsctl set port br0-up bond_mode=balance-slb
- B. Ovs-vsctl set port br0-up bond_mode=balance-tcp
- C. Ovs-vsctl set port br0-up bond_mode=active-backup
- D. Ovs-vsctl set port br0-up other_config: bond-rebalance-interval=30000

Answer: A,D (LEAVE A REPLY)

For a configuration where a single VM should not exceed the bandwidth of a single 10G uplink and both uplinks need to be utilized, the correct bonding mode is balance-slb (Source Load Balancing). This mode allows both uplinks to be utilized while ensuring that a single VM will not exceed the capacity of one uplink, as traffic from each VM or "source" is assigned to one of the links in the bond. The other_config:

bond-rebalance-interval=30000 command is used to set the interval at which the bonding driver will rebalance the assignment of sources to links in the bond. This helps in maintaining optimal distribution of load across the links as network conditions change.

References:

* Nutanix Bible: Network Configuration

* Nutanix University: Advanced Network Configuration

NEW QUESTION: 168

A Nutanix cluster has 10TB usable storage. The customer wants to create a 100GB datastore for ISO images to eliminate too much storage being consumed by unnecessary images.

Which setting should be used to accomplish this goal?

- A. From Container Advanced Settings, configure 100GB for reserved capacity.
- B. From Container Advanced Settings, enable erasure coding.
- C. From Container Advanced Settings, turn on compression and deduplication.
- D. From Container Advanced Settings, configure 100GB for advertised capacity.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 169

An organizations Nutanix Cluster is based on VMware vSphere. The cluster is configured to download software updates automatically. The administration needs to verify and eventually upgrade VMware hypervisor via Prism UI.

After logging in to Prism, the administrator receives the message shown:

No available versions for upgrade

What is causing the current state?

- A. VMware support has expired, so downloads are not available.
- B. vSphere binaries need to be manually uploaded.
- C. The environment is running the latest vSphere version, so no update is required.
- D. The cluster is unable to connect to release-api.nutanix-ccm:8D.

Answer: C (LEAVE A REPLY)

ref: <https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v510:upg-hypervisor-upgrade-esxi-c.html>

NEW QUESTION: 170

A VM does not have enough resources for the demand, which leads to performance bottlenecks.

The VM is exhibiting one or more of following baseline values, based on the past 30 days:

- * CPU usage > 90% (moderate), 95% (high)
- * CPU ready time > 5%, 10%
- * Memory usage > 90%, 95%
- * Memory swap rate > 0 Kbps (no moderate value)

Which type of VM is being described?

- A. Constrained VM
- B. Bully VM
- C. Inactive VM
- D. Over-provisioned VM

Answer: A (LEAVE A REPLY)

NEW QUESTION: 171

A consultant is planning an installation and needs to collect configuration items to be used during the install.

The data needed from the customer are IP addresses, Gateway, DNS servers, and NTP Servers. Which Cluster Deployment document must be completed with the customer?

- A. Technical Checklist
- B. Operations Guide
- C. Questionnaire
- D. Project Plan

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 172

An administrator receives a notification that storage in a Nutanix cluster is unavailable. The cluster consists of five nodes and is configured with a Fault-Tolerance level of 1 (FT-1).

Upon investigation, the administrator finds the following:

- * All AHV hosts are powered on and the CVMs are running
- * Nodes A, B, and C are connected to one top of rack switch
- * Nodes D and E are connected to a second top of rack switch
- * The cluster status command run on Node A shows that CVM services on nodes D and E are down Which issue is causing the storage outage?

- A. The default gateway for the CVMs and AHV hosts is down.
- B. The switch connecting Nodes D and E is down.
- C. The genesis process is down on both Nodes D and E.
- D. Nodes D and E are in maintenance mode.

Answer: B ([LEAVE A REPLY](#))

<https://hyperhci.com/2020/07/29/nutanix-cluster-services-down-troubleshooting/>

NEW QUESTION: 173

A Nutanix cluster is deployed with the following configuration:

- * Three four-node blocks (A, B, and C)
- * All Flash Redundancy Factor 2

What is the effect of simultaneous disk failures on two nodes located in block A?

- A. VMs are migrated off of the nodes with disk failures.
- B. Each node with a failed disk is marked as degraded.
- C. VM read and write operations continue normally.
- D. VMs on the nodes with failed disks are unable to write data

Answer: C ([LEAVE A REPLY](#))

Ref: <https://next.nutanix.com/how-it-works-22/redundancy-factor-vs-replication-factor-37486>

NEW QUESTION: 174

Refer to the exhibit.

User 1 and User 2 belong to the AAPM group

What are two descriptions of how Files perform quota management? (Choose two.)

- A. User 2 can continue to add another 3GB file but will receive a daily notification email.
- B. User 1 can continue to add another 5GB file but will receive a daily notification email.
- C. User 1 can add an 8GB file to the share without receiving notification.
- D. User 2 can add an 8GB file without receiving a notification email.

Answer: B,D (LEAVE A REPLY)

Explanation

Ref: https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-file-server-quotas-c.html#nconcep

NEW QUESTION: 175

An administrator is monitoring the Nutanix v5.15-based AOS cluster performance logs and notices that a SQL server VM is greatly exceeding its intended maximum IOPS. The administrator has confirmed that a QoS policy was previously created for the group of VMs this server is a member of.

What are two reasons that this VM would exceed its maximum configured IOPS from the QoS Policy?

(Choose two.)

- A. The VM is missing the required snapshot needed to implement the QoS Policy.
- B. The VM was not created as an AFS virtual machine.
- C. The SQL Server VM has volume groups attached.
- D. It was cloned from another SQL Server VM that was a member of the QoS Policy.

Answer: B,C (LEAVE A REPLY)

Ref:

https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v5_18:mul-storage-qos-

NEW QUESTION: 176

During Foundation using a customer-provided network switch, a consultant is facing time-out issues.

What action should the consultant take to resolve this issue?

- A. Check jumbo frames support of the network switch.
- B. Ensure the firmware of network switch is updated.
- C. Enable queue depth on ports connected to nodes.
- D. Disable STP on ports connected to Nutanix nodes.

Answer: A (LEAVE A REPLY)

When encountering timeout issues during Foundation using a customer-provided network switch, one common cause can be mismatched or unsupported network configurations, particularly concerning MTU sizes:

* A. Check jumbo frames support of the network switch: Ensuring that the switch supports jumbo frames

* (MTU of 9000) and is properly configured for it can prevent timeout issues that might arise due to packet fragmentation or dropped packets.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), which discusses network prerequisites for successful Foundation.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), covering the technical setup and network requirements for cluster deployments.

NEW QUESTION: 177

Imaging fails for one or more nodes in the cluster

A log file displays this output:

Interface eth0 has an uplink.

Downloading livefs files... Connecting to 10.249.230.171:8000 (10.249.230.171:8000)

[80.852033] random:

nonblocking pool is initialized

tar: short read livecd files not found.

What is the possible root cause?

A. IPMI credentials are invalid.

B. There is a problem connecting to the Foundation VM.

C. Hypervisor version is not on the whitelist (iso_whitelist.json).

D. AOS version is incompatible.

Answer: B (LEAVE A REPLY)

The log file output indicating a failure in downloading livefs files and problems finding the livecd files during node imaging suggests there is a problem connecting to the Foundation VM. The specific error "tar: short read livecd files not found" typically points to an interrupted or failed download process, which can be caused by connectivity issues between the nodes and the Foundation VM. Ensuring robust network connectivity or verifying network settings in the Foundation VM could resolve this issue. References: Nutanix Foundation Tool Error Messages, Nutanix Troubleshooting Documentation.

NEW QUESTION: 178

A consultant needs to review a customer's switch port configuration to identify any issues. Other customer requirements are as follows:

* Leverage LACP

* Native VLAN will not be used

* Use Multiple Upstream switches

* Use VLANs 20-25 and 30

* LACP Fallback has been Enabled

* vPC or MLAG has been configured

What must be included in a configuration in order to meet these requirements?

A. Native VLAN set to default

Ports trunked to allow all necessary VLANs

B. Native VLAN set to default

Ports in access mode to allow all necessary VLANs

C. Native VLAN set to 30

Ports Trunked to allow all necessary VLANs

D. Native VLAN set to 30

Ports in access mode to allow all necessary VLANs

Answer: A (LEAVE A REPLY)

The requirements specify the use of LACP with multiple VLANs and without the use of a native VLAN.

Trunk ports must be configured to carry multiple VLANs, which is necessary for scenarios involving LACP across multiple switches (MLAG or vPC). Setting the native VLAN to default and not using it in traffic management while trunking the ports meets these needs effectively.

References: Nutanix Bible (<https://www.nutanixbible.com/>), Nutanix Official YouTube Training Series

NEW QUESTION: 179

A customer buys ultimate licensing and wants to use the built-in Nutanix software encryption on their new AHV cluster. The customer needs to create three storage containers and asks the consultant to complete the process as fast as possible.

In which order should the cluster be deployed?

A. Create Cluster -> Install License Key -> Encrypt Cluster -> Create Storage Containers

B. Create Cluster -> Install License Key -> Create Storage Containers -> Encrypt Cluster

C. Create Cluster -> Encrypt Cluster -> Install License Key -> Create Storage Containers

D. Create Cluster -> Create Storage Containers -> Encrypt Cluster -> Install License Key

Answer: A (LEAVE A REPLY)

The optimal sequence for deploying a Nutanix AHV cluster with built-in software encryption involves the following steps:

* Create Cluster: Establish the cluster foundation, which sets up the basic network and cluster configurations.

* Install License Key: The ultimate licensing must be applied before enabling encryption because the feature depends on this license.

* Encrypt Cluster: Once the cluster is created and licensed, enable encryption to secure the data at rest.

This step should be done before creating storage containers to ensure that all data written to the containers is encrypted from the outset.

* Create Storage Containers: Finally, create the storage containers. With encryption already enabled, any data written to these containers will be automatically encrypted.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), specifically the sections on licensing and data encryption.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), covering deployment and configuration best practices.

NEW QUESTION: 180

A consultant is using the Foundation applet to create a cluster. During the process the consultant refreshes the progress bar web page and is concerned when nothing loads.

What should the consultant do to verify that Foundation has completed successfully?

- A. Restart the Foundation process.
- B. Update Java on the Foundation VM.
- C. Connect to any CVM IP address from a web browser.
- D. Return to the Foundation configuration page and start over.

Answer: C (LEAVE A REPLY)

If the Foundation applet's progress bar webpage does not load after a refresh during a cluster creation, the consultant should verify if the Foundation process has completed by attempting to connect to any CVM (Controller Virtual Machine) IP address using a web browser. Accessing the CVM will confirm whether the nodes are operational and part of the cluster, thus indicating whether the Foundation process has successfully completed or not. References: Nutanix Bible, NCS-Core 6.8 official documentation on the Foundation process.

NEW QUESTION: 181

Refer to the exhibit.

The customer has an existing NX-3160 block and is adding a second node into it.

Where should the node be installed?"

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B (LEAVE A REPLY)

Based on the exhibit which shows an NX-3160 block with marked slots, the correct slot for installing a new node in the existing NX-3160 block is slot 2. This configuration is typically aligned with the chassis' design for orderly expansion and maintaining balanced power and cooling distribution among the nodes. References:

Nutanix Bible, Nutanix University NCS-Core 6.8 learning materials

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NEW QUESTION: 182

Refer to the exhibit.

User 1 and User 2 belong to the AAPM group

What are two descriptions of how Files perform quota management? (Choose two.)

- A. User 2 can continue to add another 3GB file but will receive a daily notification email.
- B. User 1 can continue to add another 5GB file but will receive a daily notification email.
- C. User 1 can add an 8GB file to the share without receiving notification.
- D. User 2 can add an 8GB file without receiving a notification email.

Answer: B,D (LEAVE A REPLY)

Ref: [https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-file-server-quotas-](https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-file-server-quotas-c)

[html#nconcept_amp_xsm_bx](#)

NEW QUESTION: 183

A consultant is deploying a Nutanix cluster at a customer location. The consultant will be deploying the latest AOS along with the latest Nutanix hardware.

Which three references should the consultant review prior to this installation? (Choose three.)

- A. Acropolis Advanced Administration Guide
- B. Field & Security Advisories
- C. End-Of-Life (EOL) Information
- D. Release Notes
- E. Software Product Interoperability

Answer: B,D,E (LEAVE A REPLY)

NEW QUESTION: 184

A consultant creates three storage containers (container-1, container-2, container-3). The customer requires that only container-1, which will be utilized as an NFS datastore, be presented to external hosts.

However, users are able to mount all three containers.

What is causing this problem?

- A. Compression was turned on for all containers.
- B. A Container-level whitelist entry was configured.
- C. Deduplication was turned on for all containers.
- D. A Global whitelist entry was configured.

Answer: D (LEAVE A REPLY)

The issue where users can mount all three storage containers despite the intention to restrict access to just container-1 typically stems from a Global whitelist entry. A global whitelist allows all

entities to access all containers unless more specific restrictions are applied at the container level. To correct this, specific whitelist entries need to be configured for each container to define and restrict access appropriately. References: Nutanix NCS-Core 6.8 training resources, the Nutanix Bible, and Nutanix technical documentation on storage container management.

NEW QUESTION: 185

While preparing for a new four-node cluster installation, the consultant has a Tech Review Call with the customer. The hardware is as follows:

- * 4 nodes in 1 Block
- * 8 x 10 GbE Ports
- * 4 x 1 GbE IPMI Ports
- * Adequate Ethernet ports are available
- * Ethernet cables are correct and available
- * Adequate rack space is available

Which remaining item must be confirmed as available onsite?

- A. Crash Cart
- B. Fibre Channel switches
- C. Redundant 208v power
- D. Redundant 110v power

Answer: (SHOW ANSWER)

In the preparation for a new cluster installation, after ensuring that the basic physical requirements such as space, cabling, and hardware connectivity are met, it's crucial to confirm power requirements. For enterprise installations, particularly where high-powered equipment like a four-node cluster is involved, ensuring redundant power is critical. The question specifically mentions "redundant" power, suggesting the need for a high-capacity solution typically found in 208v configurations in data centers, which provides more power efficiently and is standard for high-density computing hardware. Therefore, redundant 208v power should be confirmed as available onsite to support the new cluster's power needs effectively. References: Nutanix Certified Services - Core (NCS-Core) training materials and installation best practices available through Nutanix University and the Nutanix Bible.

NEW QUESTION: 186

After a recent installation using a flat switch, a consultant notices issues migrating the Nutanix nodes to the customer's network. The customer states that they are using VLANs on the production switch but not on the dedicated switch for IPMI. The customer does not require a manual configuration of the host and CVM.

What network changes need to be made to correct the issues?

- A. Use untagged VLANs for the CVM and host and trunk mode for IPMI.
- B. Use Native VLANs for the CVM and host and access mode for IPMI.
- C. Use tagged VLANs for the CVM and host and access mode for IPMI.

D. Use Native VLANs for the CVM and host and trunk mode for IPMI.

Answer: ([SHOW ANSWER](#))

The proper network configuration to solve the described issue involves using tagged VLANs for the CVM (Controller Virtual Machine) and host, allowing these components to correctly interact with the customer's VLAN-configured network. For the IPMI (Intelligent Platform Management Interface), which is used for out-of-band management and does not require connectivity to multiple VLANs, setting it to access mode is appropriate. This configuration ensures that the IPMI only communicates over a single, untagged VLAN, effectively isolating its traffic from the production network.

References:

* Nutanix Bible (<https://www.nutanixbible.com>), particularly the sections on networking and VLAN configurations.

* Nutanix University: NCS-Core 6.8 Training (<https://university.nutanix.com>), where VLAN and network settings are covered.

NEW QUESTION: 187

A customer wants to expand an existing cluster with three additional nodes. After running the Foundation process on the new nodes, the customer realizes that the wrong IPs were used and the nodes are configured on a different network. The customer decides to create a new cluster instead.

Which method should be used to recreate the cluster?

- A.** Log into IPMI and use cluster create command to create the cluster.
- B.** Log into CVM and use cluster create command to create the cluster.
- C.** Log into Hypervisor and use cluster create command to create the cluster.
- D.** Foundation all nodes again and create the cluster.

Answer: **D** ([LEAVE A REPLY](#))

When nodes are mistakenly configured with incorrect IP addresses and are on a different network, the most effective way to address this is to re-run the Foundation process. By using Foundation, the nodes can be completely re-imaged with the correct network settings and then properly integrated into a new cluster. This ensures that all hardware and software configurations align with the intended network and cluster settings, avoiding potential conflicts and issues that might arise from manual adjustments.

References:

* Nutanix Bible: Cluster Initialization and Foundation

* Nutanix University: Using Foundation for Node Deployment

NEW QUESTION: 188

As a part of a cluster deployment test plan, a customer asks the consultant for some additional performance and resiliency tests.

How should the consultant best satisfy this request?

- A.** Deploy X-Ray and conduct any relevant tests.

- B. use Apache Jmeter.
- C. Run diagnostics.py directly from CVM.
- D. Leverage Iometer.

Answer: A (LEAVE A REPLY)

To satisfy the customer's request for additional performance and resiliency tests on a cluster, deploying Nutanix X-Ray is the best option. X-Ray is a performance testing and benchmarking tool specifically designed for hyper-converged infrastructures and provides a range of tests that simulate real-world scenarios, stress tests, and resiliency tests. This tool allows the consultant to comprehensively assess the performance, fault tolerance, and operational resilience of the Nutanix cluster, meeting the customer's testing requirements effectively. References: Nutanix X-Ray Documentation, Nutanix Performance Testing Best Practices.

NEW QUESTION: 189

An administrator is responsible for the following Nutanix Enterprise Cloud environment:

- * A central datacenter with a 20-node cluster with 1.5PB of storage
- * Five remote sites each with a 4-node cluster with 200TB storage

The remote sites are connected to the datacenter via 1GB links with an average latency of 6 ms RTT. What is the minimum RPO the administrator can achieve for this environment?

- A. 0 minutes
- B. 15 minutes
- C. 1 hour
- D. 6 hours

Answer: (SHOW ANSWER)

Ref: https://support-portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_10:wc-protection-domain-wc-c.html

NEW QUESTION: 190

An administrator needs to initiate a new VDI project within a couple of months. Prism Central reports there are no storage resources to accommodate such workloads.

The administrator sees many powered-off VMs and has the authority to delete test VMs powered off at least for 30 days. Test VMs belong to the Test category.

Using Prism Central, which steps are required to identify the correct VMs to be deleted?

- A. Use Capacity Runway to filter by Test and Powered-off VMs
- B. Filter VMs list, choose Test category and Inactive under Efficiency
- C. Create a new Scenario selecting Test VMs. filter by uptime
- D. Create a new Project selecting Test VMs, sorting by power state

Answer: (SHOW ANSWER)

NEW QUESTION: 191

A customer is running out of storage in an ESXi cluster. The customer wants to add storage without paying for an additional hypervisor license.

Which option should the consultant recommend to meet the requirement?

- A. Select the storage-only checkbox during Foundation and then expand the cluster in Prism.
- B. Buy a new node to meet the requirements of the storage-only node specifications.
- C. Edit the factory_config.json file to configure the node as storage-only and then expand the cluster in Prism
- D. Convert the cluster to AHV to support storage-only node requirements.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 192

A consultant has deployed a Nutanix cluster with AOS 5.10.x, then discovers the customer's environment is running on AOS 5.6.x. The consultant decides to re-image the cluster using the foundation Java applet. During the Foundation discovery, all cluster nodes display a status of Unavailable.

What should the consultant do to resolve the issue?

- A. Restart the Genesis service on the cluster.
- B. Destroy the cluster.
- C. Reset the IPMI IP addresses.
- D. Use the Phoenix ISO

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 193

An administrator needs to deploy an application with a large amount of data connected via Nutanix Volumes.

Which two actions should the administrator take when designing the Volume Group? (Choose two.)

- A. Use multiple subnets for iSCSI traffic
- B. Enable RSS (Receive Side Scaling)
- C. Enable thick provisioning on the Volume Group(s)
- D. Distribute workload across multiple virtual disks

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 194

A consultant is unable to install virtualization software on a laptop.

Which two versions of Foundation can be used to resolve this issue? (Choose two.)

- A. Foundation VM
- B. Foundation Portable
- C. Foundation Central
- D. Foundation Applet

Answer: B,D ([LEAVE A REPLY](#))

When a consultant is unable to install virtualization software on a laptop, the most suitable versions of Foundation to resolve this issue would be Foundation Portable (Option B) and Foundation Applet (Option D).

Both these versions are designed to be used in environments where installing additional virtualization software might not be feasible. Foundation Portable can be run from a USB drive, and the Foundation Applet is a Java-based tool that can run directly on a host machine without the need for a full virtual machine environment. References: Nutanix Foundation Installation Guide, Nutanix Support Portal.

NEW QUESTION: 195

An administrator needs to relocate an AHV cluster to a new datacenter during a maintenance window. The cluster will use the same IPs in the new datacenter.

Which two steps should be taken to prepare for this task? (Choose two.)

- A.** Stop all Nutanix Files clusters
- B.** Relocate the linked LDAP servers
- C.** Shut down all user VMs in the cluster
- D.** Reconfigure IPMI for the new datacenter

Answer: A,C (LEAVE A REPLY)

Ref: <https://next.nutanix.com/installation-configuration-23/physical-relocation-of-nutanix-clusters-38403>

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