

Nutanix.NCA-6.5.v2024-12-02.q54

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NEW QUESTION: 1

An administrator has defined a security policy that needs to be applied to dozens of VMs. What is the most efficient way the administrator can perform this?

- A. Within the policy, select all the VMs it should be applied to.
- B. Apply a category to the VMs. and associate the category with the policy.
- C. Apply the same label to all the VMs, then bind the policy to the label.
- D. Use a script to apply the policy to the defined VMs.

Answer: C (LEAVE A REPLY)

Labels allow administrators to group related objects, such as VMs, and then apply policies to those labels, rather than having to manually apply the policy to each individual VM. This is the most efficient way for an administrator to apply a security policy to dozens of VMs. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-sec-category-label-c.html

NEW QUESTION: 2

How is the destination cluster determined when uploading images from the local workstation to Prism Central?

- A. Selected randomly
- B. Selected manually
- C. Selected alphabetically
- D. Selected sequentially

Answer: C (LEAVE A REPLY)

When uploading images from a local workstation to Prism Central, the destination cluster is determined based on the alphabetical order of the cluster names. Specifically, the first available cluster in alphabetical order is selected as the destination for the image upload.

This behavior is documented in the Prism Central Admin Guide, which states that when you upload an image to Prism Central, "the image is stored in the first cluster that has sufficient space and starts with the letter that appears first in the image name."

NEW QUESTION: 3

From Prism Central, how can an administrator access a cluster?

- A. Use the VM Summary view.
- B. Use the cluster quick access from the main dashboard widget.
- C. Use the cluster quick access from the Settings page.
- D. Use the Cluster Summary view.

Answer: (SHOW ANSWER)

From Prism Central's main dashboard page, an administrator can access any cluster by clicking the cluster quick access link. This will open the cluster summary page, which contains detailed information about the cluster, including the nodes, virtual machines, and applications running on the cluster. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-prism-central-cluster-access-c.html

NEW QUESTION: 4

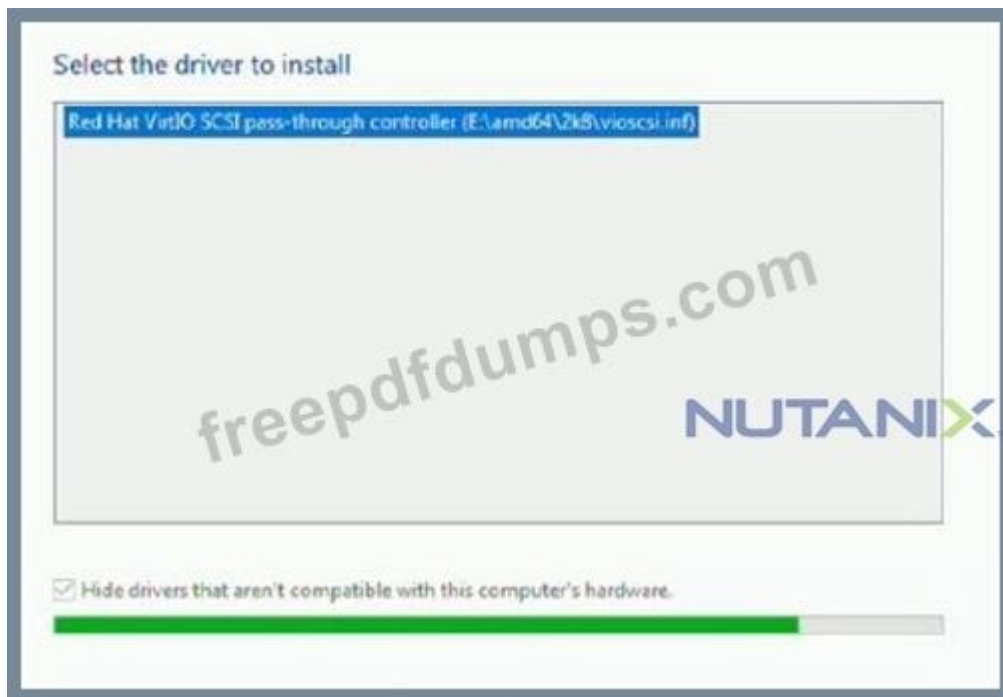
What is required to successfully live migrate a VM Between two AHV clusters?

- A. Configure a Protection domain with synchronous replication
- B. Stretch L2 networks across the primary and recovery sites
- C. Install and Configure the witness VM on a third Site.
- D. Both clusters must be managed by the same prism central

Answer: A (LEAVE A REPLY)

NEW QUESTION: 5

Refer to the exhibit.



In which VM creation stage will the administrator see this dialog?

- A. During image sysprep
- B. During OS installation
- C. When powering on a UEFI VM
- D. Upgrading Nutanix Guest Tools

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

NEW QUESTION: 6

An administrator wants to evaluate the overall health of the Nutanix cluster. What should be the first step?

- A. Run Xi Beam
- B. Run LCM
- C. Run Log Collector
- D. Run NCC

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

NEW QUESTION: 7

After starting an LCM update from Prism Element, on which dashboard can the progress be monitored?

- A. Alerts
- B. Analysis
- C. Health
- D. Tasks

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

NEW QUESTION: 8

Refer to the exhibit.



During VM creation, an administrator clicked on * Add New NIC, but there is nothing in the Network Name dropdown list. What is causing this issue?

- A. Only 1G NIC is attached to the Nutanix nodes
- B. A network was not created during Network Configuration
- C. The nodes have no NICs attached to them
- D. No physical NICs have been allocated for user VMs

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

What type of relationship does a VM Affinity policy define?

- A. VM to VM
- B. VM to Storage tier
- C. VM to Network VLAN
- D. VM to Host

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

The type of relationship that a VM Affinity policy defines is VM to Host. A VM Affinity policy is used to specify which host a virtual machine should be placed on. This can be used to ensure that certain VMs are always running on the same host for performance or availability reasons. Additionally, VM Affinity policies can also be used to ensure that VMs are spread across multiple hosts for better load balancing.

NEW QUESTION: 10

Which account is recommended for performing tasks and operations on the CVM via SSH?

- A. nutanix
- B. root
- C. admin

D. administrator

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

What happens to images that are imported into Prism Central?

- A. Copied to the Prism Central image repository
- B. Remain in the source cluster after import
- C. Copied to all clusters managed by Prism Central
- D. Deleted from the source cluster after import

Answer: ([SHOW ANSWER](#))

The Prism Central image repository is a centralized location for storing virtual machine images that can be used to deploy VMs to any cluster managed by Prism Central. When an image is imported into Prism Central, a copy of the image is made and stored in the repository, so that it can be easily accessed and deployed to any cluster as needed.

The original image file typically remains in the source cluster after it is imported into Prism Central, unless it is explicitly deleted. Similarly, the image copy in the Prism Central repository is not automatically copied to all clusters managed by Prism Central, but can be used to deploy new VMs on any cluster as needed.

NEW QUESTION: 12

Which type of network supports automatically assigning IP addresses to VMs?

- A. Floating IP Network
- B. Management traffic network
- C. Virtual Network with IPAM
- D. Virtual Private Cloud Networks

Answer: ([SHOW ANSWER](#))

A virtual network with IPAM (IP Address Management) supports automatically assigning IP addresses to VMs. This eliminates the need for manual configuration of IP addresses for each VM, and makes it easy to manage and track IP address usage. Reference:

https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-network-ipam-c.html

NEW QUESTION: 13

Refer to the exhibit.

Data Resiliency Status		
FAULT DOMAIN TYPE: HOST		
COMPONENT	FAILURES TOLERABLE	MESSAGE
Static Configuration	1	
ZooKeeper	0	Desired fault tolerance for Zookeeper is 1 but we can tolerate only 0 node failure(s)
Stargate Health	0	Based on unhealthy node list (5,) the cluster can tolerate a maximum of 0 node failure(s)
Oplog	1	
Metadata	0	Metadata ring partitions with nodes: 192.168.1.33, 192.168.1.31, 192.168.1.32 are not fault tolerant.
Extent Groups	1	
Erasure Code	1	

An administrator notices that the Data Resiliency Statue of some components has been reduced to 0. making it impossible to support a node failure in the cluster.

What type of failure is most likely the cause of this issue?

- A. CVM
- B. Nods
- C. Disk
- D. Block

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

NEW QUESTION: 14

An administrator wants to create an application-consistent snapshot. Which NGT feature needs to be enabled to satisfy this task?

- A. UEFI
- B. SSR
- C. VSS
- D. iSCSI

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

NEW QUESTION: 15

An administrator needs to create a new chart to analyze GPU usage.

Which entity should be added to the chart?

- A. Host
- B. Virtual Machine
- C. GPU
- D. Cluster

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

NEW QUESTION: 16

An administrator receives several alerts indicating a Nutanix cluster is running out of memory. As a preemptive measure, the administrator wishes to try to reduce the consumed resources, if possible.

Which two predefined views for Reporting best display potentially reclaimable resources?

(Choose two.)

- A. List of Inactive VMs
- B. list of Bully VMs
- C. Memory Runway
- D. List of Overprovisioned VMs

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

To display potentially reclaimable resources in a Nutanix cluster running out of memory, an administrator can use the List of Inactive VMs and List of Overprovisioned VMs predefined views for Reporting

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NEW QUESTION: 17

What is the minimum number of nodes needed to configure a Replication Factor of 2 (RF2)?

- A. 3
- B. 1
- C. 2
- D. 4

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

NEW QUESTION: 18

An administrator needs to upgrade AOS for an air gapped cluster by using Prism Element. Which two actions allow the administrator to perform the upgrade? Choose Two

- A. Use the LCM dark site Option Providing AOS Binaries
- B. Extract the AOS binaries to the CVM
- C. Manually Upload Binaries to a local http server
- D. Manually Upload AOS binaries and metadata

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

NEW QUESTION: 19

What is Nutanix's scale-out storage technology that makes its hyperconverged platform possible?

- A. Distributed File Services
- B. Distributed Storage Fabric
- C. HDD/SDD Storage Tiers
- D. Hot swappable NVMe/SSD

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

Nutanix's scale-out storage technology, the Distributed Storage Fabric, makes its hyperconverged platform possible. It provides a single, unified layer of storage to multiple nodes in a cluster, allowing data to be stored, accessed, and processed in a distributed, fault-tolerant manner.

Reference: <https://www.nutanix.com/what-is-nutanix/distributed-storage-fabric/>

NEW QUESTION: 20

Which feature enables Image Placement Policies to be mapped to target clusters?

- A. YAML
- B. Labels
- C. JSON
- D. Categories

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

Image Placement Policies can be mapped to target clusters using labels. Labels are key-value pairs that can be used to associate arbitrary metadata with clusters and VMs. Labels can be used to define Image Placement Policies, which specify which clusters can be used for a given image.

Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Admin-Guide-v5_6:pr-images-placement-policies-c.html

NEW QUESTION: 21

What is the effect of enabling Flash Mode?

- A. Sets the storage tier preference to HDD
- B. Sets the storage tier preference to SSD
- C. Sets the metadata tier preference to HDD
- D. Sets the metadata tier preference to SSD

Answer: B (LEAVE A REPLY)

Enabling Flash Mode will set the storage tier preference to SSD, meaning that data will be stored on the high-performance SSD storage tier. Flash Mode is designed to speed up the performance of applications by ensuring that the most frequently used data is stored on the faster storage tier. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-flash-mode-c.html

NEW QUESTION: 22

An Administrator wants to copy some virtual machine disk files to ADSF from an external VMware ESXI Host.

Which two action should the administrator take to complete this task? choose two

- A. Configure Whitelist on container
- B. Mount container as NFS on External host
- C. Enable CHAP on Volume Group
- D. Configure Volume Group

Answer: (SHOW ANSWER)

NEW QUESTION: 23

In an AHV five-node cluster, an SSD fails within a node that has two SSDs and four HDDs installed. What will happen to the cluster environment?

- A. Host goes down and VMs will be powered on elsewhere.
- B. Cluster goes in read-only mode.
- C. VMs will be live migrated to other hosts until metadata rebuild is finished.
- D. CVM on the impacted node reboots.

Answer: D (LEAVE A REPLY)

When an SSD fails within a node, the CVM on that node will reboot to maintain the health of the cluster. The CVM is responsible for managing the storage and virtualization components of the cluster, and a reboot is necessary to ensure that the cluster continues to function properly. The VMs running on that host will not be affected and continue to run, but the CVM will be unavailable for a short period of time until the reboot is completed. The Cluster continues to operate in a healthy state and doesn't go in read-only mode or cause any host to go down. Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_11:wc-monitoring-cluster-health_wc-monitoring-cluster-health.html

NEW QUESTION: 24

What is the maximum jumbo frame MTU supported by host network interfaces and Guest VMs?

- A. 4096 bytes
- B. 1500 bytes
- C. 9000 bytes
- D. 2048 bytes

Answer: C (LEAVE A REPLY)

NEW QUESTION: 25

What data is stored as a file on storage devices owned by a CVM?

- A. Storage Pool
- B. vDisk
- C. Extent Group
- D. Container

Answer: B (LEAVE A REPLY)

In Nutanix, a virtual disk (vDisk) is a file that is stored on storage devices owned by a CVM (Controller Virtual Machine). A vDisk is a virtual representation of a physical disk and it is used to store the data of a virtual machine. Each virtual machine has one or more vDisks associated with it, and these vDisks can be stored on different types of storage media, such as solid-state drives (SSDs) and hard disk drives (HDDs). The vDisks are stored in a container that is managed by the CVM, and it is the basic building block for storing virtual machine data on the Nutanix cluster. Storage Pool, Extent Group, and Container are all related concepts but different entities in Nutanix. A storage pool is a collection of physical storage devices that are used to store virtual machine data. An extent group is a collection of storage extents that are used to store virtual machine data. A container is a logical grouping of virtual machines, virtual disks, and other objects in Nutanix. Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_11:wc-storage-containers-overview_wc-storage-containers-overview.html

NEW QUESTION: 26

An administrator receives an alert that a node has failed within a Nutanix AHV-based 10-node cluster. Before the failure, the cluster CPU and memory utilization was around 50%.

What actions will the cluster automatically take?

- A. VMs will be unavailable until the affected host is fully functional.
- B. VMs will migrate to other nodes in the cluster with no user impact.
- C. The cluster will enter read-only mode and the VMs will be powered down to preserve data.
- D. All HA-protected VMs will be automatically restarted on other nodes in the cluster.

Answer: B (LEAVE A REPLY)

In a Nutanix AHV-based cluster, if a node fails, the cluster will automatically take actions to ensure high availability of the virtual machines. The cluster will automatically live migrate the VMs running on the failed node to other healthy nodes in the cluster without any user impact, this process is known as "Failover". The live migration process ensures that the VMs are restarted on another node in the cluster as soon as possible with minimal interruption to the users. The cluster CPU and memory utilization being around 50% at the time of failure does not affect the failover process. Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_11:wc-high-availability-overview_wc-high-availability-overview.html

NEW QUESTION: 27

When should Pulse be disabled?

- A. When the cluster is connected to the Internet with less than 1GbE.
- B. When the cluster is deployed in 3 dark-site.
- C. Before any cluster maintenance activities requiring node reboots.
- D. Only under the guidance of Nutanix Support.

Answer: D (LEAVE A REPLY)

Pulse should only be disabled under the guidance of Nutanix Support and not for any other reason. Pulse is a feature of the Nutanix cluster that enables the cluster to report back health and performance data to Nutanix for troubleshooting and performance optimization purposes.

Disabling Pulse without the guidance of Nutanix Support is not recommended, as it could lead to potential issues with the cluster. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-pulse-c.html

NEW QUESTION: 28

User are complaining that web application hosted on a Nutanix cluster are running slow. After reviewing the performance metric, it is determined that the CPU Ready time is high in the cluster.

What entity is impacted by CPU ready time?

- A. Opllog
- B. NIC
- C. vDisk
- D. VM

Answer: A (LEAVE A REPLY)

The opllog is a critical component of the Nutanix distributed storage fabric and can be impacted by high CPU Ready time. When the CPU Ready time is high, there can be delays in writing data to the opllog, resulting in slower overall cluster performance. Additionally, high CPU Ready time can also lead to increased write amplification, further reducing I/O performance.

NEW QUESTION: 29

An Administrator needs to provide users access to prism Central Projects.

What Source of user accounts must the administrator Use?

- A. Active Directory
- B. SAML2 Provider
- C. Local Users
- D. Open LDAP

Answer: (SHOW ANSWER)

NEW QUESTION: 30

An administrator wants to view VMs with NGT Installed and Filter by their installed guest operating systems.

How can this task most quickly be accomplished within prism central?

- A. Use a pre-defined Prism Central report

- B. use the Prism central analysis Panel to create a pie chart by OSType
- C. In the VM dashboard , filter by the nutanix Guest tools - OS field
- D. Create a custome Focus using the OS Column

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

Where Does an administrator go to take a consolidated backup of the Key manager Servers?

- A. Prism Central
- B. Prism Element
- C. Security Central
- D. Foundation Central

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

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NEW QUESTION: 32

Which platform supports firmware updates through LCM?

- A. Dell PowerEdge
- B. * Lenovo HX
- C. Hitachi Vantara
- D. Huawei Atlas

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

NEW QUESTION: 33

A company's security team has requested that all IT resources be hardened.

What should an administrator do to increase the security of the Nutanix environment?

- A. Enable Prism Central KMS
- B. Enable Flow
- C. Enable STIG
- D. Enable Cluster Lockdown

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

NEW QUESTION: 34

A single host in a four-node AHV-based cluster experiences a complete network failure.

If more than enough resources exist in the cluster to tolerate a node failure, what happens to the user VMs running on that host?

- A. VMs remain down until network connectivity is restored.
- B. VMs stay up, but are unreachable until connectivity is restored.
- C. VMs automatically restart on the three remaining hosts.
- D. VMs are live-migrated to the three remaining hosts.

Answer: ([SHOW ANSWER](#))

If a single host in an AHV-based cluster experiences a complete network failure, and if there are enough resources available in the cluster to tolerate a node failure, then the user VMs running on the failed host will be automatically live-migrated to the remaining three hosts in the cluster. This ensures that the VMs stay up and running even if one of the hosts fails. Reference:

https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-vm-migrate-c.html

NEW QUESTION: 35

Refer to the exhibit.



After an abrupt power outage, an administrator receives a number of alerts indicating disks are failed. Prism Element shows a large number of disks offline as seen in the diagram. This single block, four node cluster is configured FT1 with an RF2 container holding all user data.

What number of drive failures on different domains (node, block, or rack) could this configuration have tolerated prior to seeing data unavailability?

- A. 1
- B. 2
- C. 3
- D. 4

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

NEW QUESTION: 36

Refer to the exhibit.



After an abrupt power outage, an administrator receives a number of alerts indicating disks are failed. Prism Element shows a large number of disks offline as seen in the diagram. This single block, four node cluster is configured FT1 with an RF2 container holding all user data.

What number of drive failures on different domains (node, block, or rack) could this configuration have tolerated prior to seeing data unavailability?

- A. 1
- B. 4
- C. 3
- D. 2

Answer: D (LEAVE A REPLY)

This single-block, four-node cluster is configured with Fault Tolerance 1 (FT1) and a Replication Factor of 2 (RF2). This means that the data is replicated across two domains (node, block, or rack). Thus, the cluster can tolerate up to two drive failures on different domains before seeing data unavailability. Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Admin-Guide-v5_6:pr-data-protection-replication-factor-c.html This single block, four node cluster is configured with Fault Tolerance (FT1) and a Replication Factor (RF2) container holding all user data. FT1 means that there are two copies of data stored across the cluster, and RF2 means that there are two copies of data stored in the container. This configuration can tolerate 2 drive failures on different domains (node, block, or rack) prior to seeing data unavailability.

With FT1, if a drive fails, the second copy of the data is still available and can be used to reconstruct the data. With RF2, if a drive fails, the second copy of the data is still available and can be used to reconstruct the data. However, if a drive failure occurs on a different domain (node, block, or rack) from the one containing the other copy of data, the second copy of the data is still available, but the data availability may be affected.

It's important to note that this is the maximum drive failures that the configuration can tolerate, and it's recommended to have a disaster recovery plan in place in case of a drive failure, to ensure the data availability and integrity.

You can find more information on this topic in the Nutanix Administrator Guide, which is available on the Nutanix support website https://portal.nutanix.com/#/page/docs/details?targetId=Admin-Guide-Prism-v5_24:Admin-Guide-Prism-v5_24

NEW QUESTION: 37

What is the minimum cluster size for Redundancy Factor 3?

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

Answer: (SHOW ANSWER)

https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_20:arc-redundancy-factor3-c.html

NEW QUESTION: 38

Refer to the exhibit.

A team member has built a CentOS VM image for use as a template. An administrator deploys a new VM using the CentOS image as the 05 drive. No other drives are presented to the VM. Following the deployment, the administrator attempts to boot the VM, but is unsuccessful. What could be causing this issue?

- A. The CentOS VM image was built with UEF:
- B. The VM's Disk (scsi.O) setting must be set to make this disk bootable
- C. The VMS Boot Priority must reference disk first before CD-ROW
- D. No Volume Groups have been created for the VM

Answer: (SHOW ANSWER)

NEW QUESTION: 39

Which option is available for an administrator to upload a remote disk file to Image Configuration?

- A. HTTP
- B. FTP
- C. SCP
- D. SFTP

Answer: D (LEAVE A REPLY)

SFTP (Secure File Transfer Protocol) is an option available for an administrator to upload a remote disk file to Image Configuration. SFTP is a secure protocol that ensures that the data being transferred is encrypted and is therefore more secure than other transfer protocols such as FTP or HTTP. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-remote-disk-upload-c.html

NEW QUESTION: 40

A Cluster is Experiencing an occasional issue that does not impact production services.

Which support case priority level should be assigned?

- A. P1 - Emergency
- B. P2 - Critical
- C. P3 - Normal
- D. P4 - Low

Answer: ([SHOW ANSWER](#))

According to Nutanix Support Best Practices, P3 cases are designated for issues that have a moderate business impact or affect non-production systems. P3 cases are intended for issues that are important but not critical, and the issue can be deferred while continuing with normal business operations. Examples of P3 cases include software defects, minor configuration issues, or minor hardware problems.

NEW QUESTION: 41

A 10 GbE link has failed on Node A within the following cluster environment:

Four-node AHV-based cluster

All node have only two 10 GbE ports connected to the network

Active-backup is configured

What impact will user VMs experience from this issue?

- A. Performance will Decrease
- B. Will failover to another node
- C. Will have no impact
- D. Will shutdown

Answer: ([SHOW ANSWER](#))

In Active-backup mode, one network interface is active while the other is in standby mode. If the active interface fails, the standby interface takes over, providing seamless failover without any disruption to user VMs. In this case, since the cluster has two 10 GbE ports on each node, and only one link has failed, the user VMs will continue to operate normally using the second link.

NEW QUESTION: 42

Which VM-level feature ensures continuous availability of data?

- A. Replication Factor
- B. Data Locality
- C. Data Protection
- D. Deduplication

Answer: ([SHOW ANSWER](#))

Data Protection is a feature that ensures that data stored on a VM is protected against data loss in the event of hardware failure, data corruption, or other unexpected events. It typically includes features such as snapshots, replication, and backup, which enable administrators to create multiple copies of data and store them in different locations to provide redundancy and ensure availability.

Replication Factor is a related concept, but it is not a VM-level feature in and of itself. Replication Factor is a setting that can be configured at the storage level to determine how many copies of data are stored on different nodes in a distributed storage system. Data Locality and Deduplication are also related concepts, but they do not directly ensure continuous availability of data.

NEW QUESTION: 43

Which AHV feature proactively monitors a Nutanix cluster for compute and storage I/O contention or hotspots over a period of time?

- A. Genesis
- B. ADS
- C. Prism
- D. Cluster Maintenance Utility

Answer: (SHOW ANSWER)

Genesis is an AHV feature that proactively monitors a Nutanix cluster for compute and storage I/O contention or hotspots over a period of time. It can detect and alert administrators to any issues related to resource utilization and contention, allowing them to take proactive steps to resolve any issues before they become larger problems. Reference:

https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-ahv-genesis-c.html

NEW QUESTION: 44

On which entity is Replication Factor configured?

- A. Host
- B. Opllog
- C. Volume
- D. Container

Answer: D (LEAVE A REPLY)

Replication Factor is configured on a Container entity. Containers group together virtual disks and files, and allow administrators to set policies on a group level. This allows for increased flexibility in managing storage resources and allows administrators to easily set policies across multiple virtual disks and files.

Replication Factor is configured on Containers. A container is a logical grouping of one or more storage pools and defines the storage resources available to virtual machines. The replication factor is a setting that determines the number of copies of data that are stored across the cluster. By configuring the replication factor on a container, you are setting the number of copies of data that will be stored for all virtual machines that are associated with that container.

For example, if you have a container with a replication factor of 3, it means that three copies of data will be stored across the cluster, and two copies are required to reconstruct the data in case of a failure.

NEW QUESTION: 45

An administrator manages a memory-sensitive application that consists of multiple VMs. The administrator needs to understand if workloads, historically, have been evenly distributed across these VMs.

What should the administrator do?

- A. Create an Alert Policy with VM as entity type and memory usage as a metric.
- B. Run cluster efficiency summary report selecting all the VMs that constitute the applications.
- C. Add Memory usage chart to Analysis dashboard for each required VM.
- D. Filter VMs list by using Memory Usage.

Answer: (SHOW ANSWER)

Run cluster efficiency summary report selecting all the VMs that constitute the applications.

Running a cluster efficiency summary report selecting all the VMs that constitute the application will allow the administrator to understand if workloads, historically, have been evenly distributed across these VMs. This report will provide information about the average and peak memory usage for each of the VMs. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-cluster-efficiency-report-c.html

NEW QUESTION: 46

What resource should be used to ensure a successful upgrade of the hypervisors and AOS within a vSphere-based Nutanix cluster?

- A. Upgrade Paths
- B. Field Advisories
- C. Compatibility and Interoperability Matrix
- D. Hardware Replacement Documentation

Answer: C (LEAVE A REPLY)

The Compatibility and Interoperability Matrix (CIM) is the resource that should be used to ensure a successful upgrade of the hypervisors and AOS within a vSphere-based Nutanix cluster. The CIM provides information about the compatibility and interoperability of the different components of the Nutanix cluster, including the hypervisors, AOS, and other related components. Reference: <https://www.nutanix.com/support/compatibility-matrix/>

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NEW QUESTION: 47

How many copies of metadata are written for a Replication Factor of 2 (RF2)?

- A. 3
- B. 2
- C. 1
- D. 4

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

An administrator wants to view VMs with NGT Installed and Filter by their installed guest operating systems.

How can this task most quickly be accomplished within prism central?

- A. Use a pre-defined Prism Central report
- B. Create a custom Focus using the OS Column
- C. In the VM dashboard , filter by the nutanix Guest tools - OS field
- D. use the Prism central analysis Panel to create a pie chart by OSType

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

Explanation/Reference:

Please Re Check From your Side and let me know if the question correction is required

NEW QUESTION: 49

A customer is running a three-node Nutanix cluster.

Which data optimization feature cannot be enabled in this scenario?

- A. Erasure Coding
- B. Inline Compression
- C. Map-reduce dedup
- D. Post Compression

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

Refer to the exhibit.

An administrator needs to upgrade a VM to 10 virtual processors. Which action should the administrator take to complete this task?

- A. Update the VM adding two vCPUs
- B. Power-off the VM and add one core
- C. Update the VM adding two cores
- D. Power-off the VM and add one vCPU

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 51

What does Replication Factor 2 (RF2) refer to?

- A. Number of blocks that can be lost without impact

- B. Number of nodes that can be lost without impact
- C. Number of disks that can be lost in the cluster
- D. Number of copies of data written in the cluster

Answer: D (LEAVE A REPLY)

Replication Factor 2 (RF2) refers to the number of copies of data written in the cluster. When RF2 is enabled, the Nutanix Distributed File System (NDFS) will create two copies of the data, resulting in higher levels of data durability and availability. Reference:

https://portal.nutanix.com/page/documents/details?targetId=Advanced-Administration-v5_7:aa-ndfs-rf2-c.html

NEW QUESTION: 52

An administrator is deploying a virtual firewall on each node in an AHV cluster and wants each VM to maintain affinity to its host. How can an administrator achieve this goal most efficiently?

- A. Create VM Protection Policies
- B. Set the VM labels as firewalls
- C. Create VM Annotations
- D. Set the VMs as Agent VMs

Answer: A (LEAVE A REPLY)

An administrator can create VM Protection Policies to enforce VM to host affinity for each VM in the AHV cluster. This will ensure that the VMs are always running on the same host, even if the cluster is resized or the VMs are migrated to other nodes. This is the most efficient way to achieve the desired goal. Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Admin-Guide-v5_6:pr-vmprofiles-affinity-c.html

NEW QUESTION: 53

What is the minimum number of blocks required to utilize block awareness?

- A. 4
- B. 5
- C. 2
- D. 3

Answer: D (LEAVE A REPLY)

NEW QUESTION: 54

Which product or feature is most suitable for deploying a Microsoft SQL cluster in a Nutanix environment?

- A. Volumes
- B. Objects
- C. NFS shares
- D. Files

Answer: (SHOW ANSWER)

In a Nutanix environment, the product or feature most suitable for deploying a Microsoft SQL cluster is Nutanix Objects. Nutanix Objects is a S3-compatible object storage solution that provides a highly scalable and durable storage for unstructured data. It is built on top of the Nutanix Distributed File System (NDFS) and provides a high-performance, scalable, and highly available storage solution.

One of the key features of Nutanix Objects is its ability to support Microsoft SQL Server Always On Availability Groups (AAG) on S3 object storage. This allows you to deploy a highly available SQL cluster on Nutanix, with the ability to failover SQL services to a different node in the event of a failure, and provide high availability and disaster recovery for SQL databases.

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