

Nutanix.NCA-6.5.v2024-07-18.q55

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NEW QUESTION: 1

What is the biggest benefit of the Redfish Protocol and LCM?

- A. SSD and HDD update twice as quickly
- B. BMC and BIOS update twice as quickly
- C. HBA and NIC card update twice as quickly
- D. AOS and AHV update twice as quickly

Answer: B (LEAVE A REPLY)

The Redfish Protocol and Lifecycle Manager (LCM) provide the biggest benefit of allowing BMC and BIOS updates to be done twice as quickly as before. This is because Redfish and LCM allow for updates to be done in parallel, rather than serially, which reduces the amount of time it takes for an update to be completed. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-redfish-lcm-c.html

NEW QUESTION: 2

An organization runs several core business applications on a Nutanix cluster. System stability and support are critical for these applications, which has an annual maintenance window.

How can the administrator assure that these requirements are met?

- A. Purchase Ultimate licensing.
- B. Purchase Mission Critical support.
- C. Adhere to the STS release cycle.
- D. Adhere to the LTS release cycle.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 3

A customer requires the ability to block all network traffic between their VDI VMs and their application VMs running on their Nutanix AHV clusters.

What Nutanix product would meet this requirement?

- A. Calm
- B. Flow
- C. Era
- D. Beam

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

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

NEW QUESTION: 5

On which entity is Replication Factor configured?

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

Answer: ([SHOW ANSWER](#))

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: 6

When Does AOS automatically Generate a case with nutanix Support?

- A. When disk space usage is high above 90%
- B. On failure of a scheduled NCC check
- C. When losing network connectivity to the CVM
- D. For every alert detected by pulse Diagnostics

Answer: B (LEAVE A REPLY)

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

NEW QUESTION: 7

How should an administrator view the storage consumed by the recycle bin?

- A. In the Cluster Details Page of the cluster setting
- B. On the storage Summary Widget on the Prism Dashboard
- C. On the storage Overview dashboard
- D. In the Diagram or Table view on the Storage dashboard

Answer: D (LEAVE A REPLY)

NEW QUESTION: 8

Which Nutanix storage efficiency feature is suitable for nearly every workload?

- A. Erasure Coding
- B. Deduplication
- C. Compression
- D. Thick Provisioning

Answer: C (LEAVE A REPLY)

Compression is a Nutanix storage efficiency feature that is suitable for nearly every workload, as it reduces the amount of data stored on disk without impacting performance. Erasure Coding, Deduplication, and Thick Provisioning are other storage efficiency features, but they have different trade-offs and use cases. Reference:

<https://www.nutanix.com/content/dam/nutanix/resources/misc/ebg-nca-6-5.pdf> (page 30)

NEW QUESTION: 9

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: 10

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

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

NEW QUESTION: 11

Which Nutanix replication type needs to be assigned to a VM to allow cross cluster live migration?

- A. Synchronous
- B. NearSync
- C. Move
- D. Asynchronous

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

NEW QUESTION: 12

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

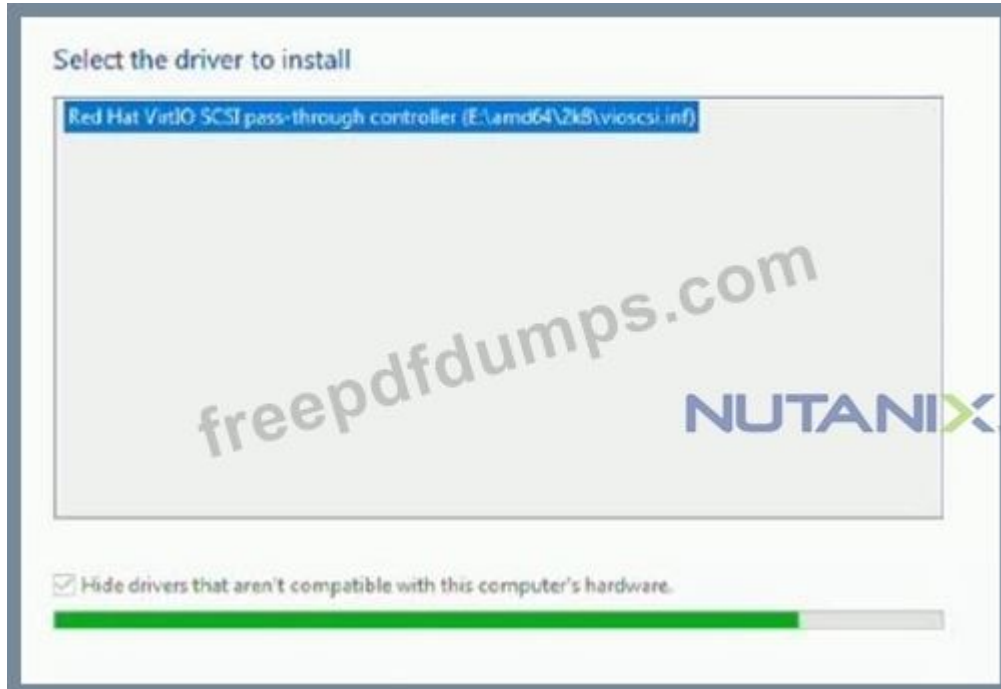
- A. SSR
- B. iSCSI
- C. VSS

D. UEFI

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

NEW QUESTION: 13

Refer to the exhibit.



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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

How would an administrator upgrade the LCM framework to the latest version?

- A. Run LCM pre-checks
- B. Settings/Upgrade Software
- C. Run LCM inventory
- D. Run an NCC health check

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

To upgrade the LCM framework to the latest version, the administrator must go to the Settings page of the Prism Central UI, and then select the Upgrade Software option. This will show the available versions of the LCM framework, and allow the administrator to select the desired version and upgrade. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-lcm-upgrade-c.html

NEW QUESTION: 15

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: A (LEAVE A REPLY)

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: 16

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

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

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 17

Which tool provides diagnostic system data for Nutanix to deliver proactive support? (Choose Correct answer and give explanation/Reference from Nutanix Certified Associate (NCA) v6.5 official study resources)

- A. NCC
- B. Cluster Heart
- C. Pulse
- D. Cluster health

Answer: (SHOW ANSWER)

Pulse is a built-in tool that periodically collects and sends diagnostic data to Nutanix support for proactive monitoring and troubleshooting. This data includes cluster configuration, performance metrics, and error logs, among other things. Nutanix support can use this data to identify and resolve issues before they become critical, and to provide recommendations for optimizing cluster performance.

NCC (Nutanix Cluster Check) is another tool provided by Nutanix, but it is used for performing manual health checks and diagnostics on the cluster, rather than providing proactive support. Cluster Heart and Cluster Health are not tools provided by Nutanix, and are not relevant to this question.

NEW QUESTION: 18

An administrator needs to deploy a two-node cluster on a new ROBO Site. What is required to maintain High Availability in the case of a node failure?

- A. Witness VM
- B. Metro-Availability
- C. Windows Failover Clustering
- D. Async Replication

Answer: B (LEAVE A REPLY)

Metro-Availability is a feature of Nutanix clusters that provides high availability in the case of a node failure. It requires two nodes and uses asynchronous replication between the two sites to ensure that data is replicated across the two sites in real-time. This ensures that, in the case of a node failure, the data is still available and the cluster can remain operational. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-metro-availability-c.html

NEW QUESTION: 19

Which Nutanix concept is responsible for accommodating and remediating node failure scenarios?

- A. Life cycle management
- B. Auto resolve mode
- C. Self healing
- D. Data locality

Answer: D (LEAVE A REPLY)

NEW QUESTION: 20

Which feature in Pulse helps secure a customer's private information?

- A. Security Central
- B. Cluster Lockdown
- C. Data-at-rest Encryption
- D. Data Obfuscation

Answer: (SHOW ANSWER)

Data Obfuscation is a feature in Pulse that helps secure a customer's private information by obfuscating the data before it is sent to Nutanix. This ensures that any data sent to Nutanix is not visible to anyone other than the customer, and helps protect sensitive data from unauthorized access or malicious actors. Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-pulse-c.html

NEW QUESTION: 21

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

An administrator notices that a VM is slow and unresponsive. The administrator wants to compare performance to other VMs on cluster.

Which chart type is best suited to display multiple VM performance metrics for diagnosis?

- A. Metric Chart
- B. Analysis Chart
- C. Dashboard Chart
- D. Entity Chart

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

NEW QUESTION: 23

Nutanix Support Asked an administrator to provide AHV logs to help solve a support request .Which task should be performed to provide log files to the support team?

- A. Upload log files from /home/nutanix/data/logs folder
- B. Enable Pulse to include additional support information
- C. collect logs from the health Page
- D. Run NCC Check from the command line

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

NEW QUESTION: 24

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: C (LEAVE A REPLY)

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: 25

When Does AOS automatically Generate a case with nutanix Support?

- A. On failure of a scheduled NCC check
- B. For every alert detected by pulse Diagnostics
- C. When losing network connectivity to the CVM
- D. When disk space usage is high above 90%

Answer: A (LEAVE A REPLY)

NEW QUESTION: 26

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: 27

An administrator has been tasked with delivering a report on all nutanix Field Advisors (FAs) Affecting each of the clusters.

What is the most efficient way to collect this data?

- A. Request an environmental audit from the Nutanix Support
- B. Review the discoveries information on the support Portal
- C. Use Prism to run NCC and Check for information on FAs
- D. Review Field Advisories published on the Support Portal

Answer: (SHOW ANSWER)

NEW QUESTION: 28

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: 29

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. Manually Upload Binaries to a local http server
- C. Extract the AOS binaries to the CVM
- D. Manually Upload AOS binaries and metadata

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

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: 31

What requirement needs to be considered before configuring Replication Factor of 1 (RF1)?

- A. Application resiliency
- B. Hypervisor
- C. RAID configuration
- D. Node count

Answer: D (LEAVE A REPLY)

To configure Replication Factor 1 (RF1), the cluster must have at least three nodes. In RF1, data is replicated to two other nodes within the cluster, so having at least three nodes is necessary to ensure that the data is replicated. Moreover, when you configure RF1, the cluster must have a minimum of three nodes to ensure that the data is accessible even if one of the nodes goes down. Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Admin-Guide-v5_6:pr-data-protection-replication-factor-c.html

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NEW QUESTION: 32

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

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

Answer: B (LEAVE A REPLY)

ADS is a feature of Nutanix AHV (Acropolis Hypervisor) that proactively monitors a Nutanix cluster for compute and storage I/O contention or hotspots over a period of time [1]. It provides dynamic and intelligent scheduling of workloads on the cluster for optimal performance and utilization.

NEW QUESTION: 33

Which LCM feature simplifies upgrades on clusters without Internet access?

- A. One-Click Upgrade
- B. NCC
- C. Direct Upload
- D. FTP

Answer: C (LEAVE A REPLY)

Direct Upload is a LCM feature that simplifies upgrades on clusters without Internet access. It allows users to upload the desired version of the software to the cluster using a USB drive or other portable storage device, and then install it without the need to access the Internet.

Reference: https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-lcm-direct-upload-c.html

NEW QUESTION: 34

How is Prism Central deployed?

- A. As a native cluster service
- B. As a Karbon container
- C. As a virtual machine
- D. As a SaaS offering

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

NEW QUESTION: 35

An administrator needs to expand a Nutanix cluster that is tagging the network traffic at the CVM and AHV level. However, the administrator doesn't remember the configured VLAN ID. Which command can the administrator run to find the correct VLAN ID from the CVM?

- A. ovs-vsctl
- B. acli
- C. manage-ovs
- D. ifconfig

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

NEW QUESTION: 36

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: (SHOW ANSWER)

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: 37

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

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

Answer: (SHOW ANSWER)

NEW QUESTION: 38

Which area of the Prism Element homepage displays a cluster's current fitness?

- A. Settings and Configuration
- B. Health and Data Resiliency
- C. Alert and Messages
- D. Performance and Usage Statistics

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

NEW QUESTION: 39

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](#))

A vDisk is a file that is stored on storage devices owned by a CVM. A vDisk represents a virtual disk that is attached to a VM or a CVM. A Storage Pool is a logical grouping of physical disks in a cluster. An Extent Group is a collection of data blocks that belong to a vDisk. A Container is a logical grouping of vDisks that share the same storage policies and settings. Reference: <https://www.nutanix.com/content/dam/nutanix/resources/misc/ebg-nca-6-5.pdf> (pages 31-32)

NEW QUESTION: 40

When a VM generates I/O, which Nutanix component is serving the storage request?

- A. Prism
- B. Hypervisor
- C. HDD disks
- D. CVM

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

NEW QUESTION: 41

A New Project is Being rolled out to an AHV Cluter being monitored by prism Central , The Application team indicated that the application managed by the project is very memory intensive . The administrator wants to be notified about any memory constraints should they occur. How would an administrator most effectively achieve this task?

- A. Create a new metric chart for the cluster and analyse hypervisor Memory Usage
- B. Create a Report to tracking the memory Usage
- C. Create a new alert policy for the memory Usage and set to critical after 80%.
- D. Search for the VM , then in the details page , go to metrics an select CPU usage.

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

NEW QUESTION: 42

A customer is running a three-node Nutanix cluster.

Which data optimization feature cannot be enabled in this scenario?

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

Answer: D (LEAVE A REPLY)

NEW QUESTION: 43

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: (SHOW ANSWER)

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: 44

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: 45

An Administrator Wants a VM to Communicate with two Separate VLANs.

What steps should the administrator complete?

- A. Add two NICs to the VM and Configure one for each VLAN
- B. Turn on IPAM for autoconfiguration of VLANs
- C. Configure a security Policy to assign VLANs to the VM
- D. Add a single NIC to the VM and Configure it for both VLANs

Answer: A (LEAVE A REPLY)

NEW QUESTION: 46

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

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NEW QUESTION: 47

Which directory should the LCM Framework Bundle be extracted to on a dark site web server in order to update the LCM Framework?

- A. release
- B. upgrade
- C. software
- D. install

Answer: A (LEAVE A REPLY)

When updating the LCM Framework on a dark site web server, the LCM Framework Bundle should be extracted to the "release" directory. This directory is specifically designated for holding the updated LCM Framework files, and the update process will look for the files in this location.

Extracting the bundle to a different directory, such as "upgrade", "software" or "install" would not be sufficient as the LCM Framework update process may not be able to find the files. Reference:

https://portal.nutanix.com/page/documents/details?targetId=LCM-Guide-v2_11:lc-updating-the-lcm-framework_lc-updating-the-lcm-framework.html

NEW QUESTION: 48

Which cluster configuration is LCM unable to perform firmware upgrades against?

- A. Five-node
- B. Three-node
- C. Two - node

D. Single-node

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

LCM (Lifecycle Manager) is a tool provided by Nutanix to automate software and firmware upgrades for Nutanix clusters. However, LCM is unable to perform firmware upgrades against a (D) Single-node cluster configuration.

This is because a single-node cluster does not have any redundancy, so there is no way to perform an upgrade without taking the entire cluster offline. In contrast, multi-node clusters can typically be upgraded in a rolling fashion, with one or more nodes being upgraded at a time while the rest of the cluster remains online.

LCM is capable of performing firmware upgrades against two-node, three-node, and five-node cluster configurations, as long as they meet the other requirements for LCM support (such as being on a supported AOS release and having the appropriate network connectivity).

NEW QUESTION: 49

When creating a virtual switch on an AHV cluster, what is the recommended configuration method?

- A. Manual
- B. Quick
- C. Automatic
- D. Standard

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

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 Overprovisioned VMs
- C. list of Bully VMs
- D. Memory Runway

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

NEW QUESTION: 51

A SQL Server cluster has been deployed on an AHV cluster. To ensure maximum uptime, the administrator wants the SQL Server VMs running on different hosts while leveraging High Availability in case of host failure.

Which configuration would meet these requirements?

- A. Configure one VM as an Agent VM
- B. Disable Host affinity rules in the cluster

- C. Create an anti-affinity rule via CLI.
- D. Disable VM live migration from selected VMs.

Answer: C (LEAVE A REPLY)

Anti-affinity rules are used to ensure that virtual machines are not running on the same physical host. This can be useful in situations where the administrator wants to ensure that virtual machines are running on different hosts for high availability and to minimize the impact of a host failure. By creating an anti-affinity rule via CLI, the administrator can ensure that the SQL Server VMs are running on different hosts while still leveraging high availability in case of host failure. Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_11:wc-affinity-anti-affinity-rules_wc-affinity-anti-affinity-rules.html

NEW QUESTION: 52

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: 53

Which Task is Required to initiate a live migration of VMs between two cluster?

- A. Perform a Leap Planned Failover
- B. Press Migrate Button on the Protection Domain
- C. Promote Metro Availability Protection Domain
- D. Replicate VM Recovery Point

Answer: (SHOW ANSWER)

NEW QUESTION: 54

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: B (LEAVE A REPLY)

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: 55

An application owner had reported that an AHV-based critical application VM is performing very slowly. After initial diagnostics, it has been observed that the CPU utilization is significantly higher than normal.

What two actions should the administrator take on this VM without shutting it down? (Choose two.)

- A. Configure additional cores in acli
- B. Use PrismElement to increase the number of cores
- C. Increase number of vCPU in Prism Element
- D. Ensure CPU hot-add is supported by the Guest

Answer: (SHOW ANSWER)

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