

Nutanix.NCP-MCI-6.5.v2024-03-20.q109

Exam Code:	NCP-MCI-6.5
Exam Name:	Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI) v6.5 exam
Certification Provider:	Nutanix
Free Question Number:	109
Version:	v2024-03-20
# of views:	830
# of Questions views:	1090
https://www.freepdfdumps.com/Nutanix.NCP-MCI-6.5.v2024-03-20.q109.html	

NEW QUESTION: 1

Which two permission assignment tasks can be accomplished via Prism Element? (Choose two.)

- A. Grant a user permission to create VMs on a specific storage container
- B. Grant a user permission to view details of all VMs on a specific cluster
- C. Grant an active directory group permission to perform back operations
- D. Grant a user permission to create and delete snapshots on a specific VM

Answer: B,D (LEAVE A REPLY)

Prism Element is a management interface that allows administrators to assign permissions to users and groups on a per-cluster, per-VM, or per-storage container basis.

<https://www.nutanix.com/content/dam/nutanix/resources/support/ncp-mci-ds.pdf>

NEW QUESTION: 2

Which three cluster operations require an administrator to reclaim licenses?(Choose three)

- A. Destroy a cluster.
- B. Upgrade a cluster
- C. Migrate a cluster
- D. Remove a Node from a cluster
- E. Move Nodes between clusters.

Answer: A,D,E (LEAVE A REPLY)

Explanation

https://portal.nutanix.com/page/documents/details/?targetId=Web_Console_Guide-Prism_v4_7:lic_licensing_ma Reclaiming Licenses (Including License Renewal) You can reclaim and optionally re-apply licenses for nodes in your clusters:

- * You must reclaim licenses when you plan to destroy a cluster. First reclaim the licenses, then destroy the cluster. You do not need to reclaim Starter licenses. These licenses are automatically applied whenever you create a cluster, including after you have destroyed a cluster.
- * Return licenses to your inventory when you remove one or more nodes from a cluster. Also, if you move nodes from one cluster to another, first reclaim the licenses, move the nodes, then re-apply the licenses.

- * You can reclaim licenses for nodes in your clusters in cases where you want to make modifications or downgrade licenses. For example, applying an Ultimate license to all nodes in a cluster where some nodes are currently licensed as Pro and some nodes are licensed as Ultimate. You might also want to transition nodes from Ultimate to Pro licensing.
- * You must reclaim licenses when you renew licenses. First reclaim the expired licenses, then apply new licenses.

NEW QUESTION: 3

Refer to the exhibit.



System Non-Root Partition Usage shows a warning or critical alert The administrator needs to change the frequency of checks and alerts to respond more quickly.

Where in Prism Element should the administrator change the frequency of checks and alerts?

- A. Alerts Dashboard > Manage Checks > Schedule
- B. Alerts Dashboard > Manage Checks > Frequency
- C. Health Dashboard > Manage Checks > Frequency
- D. Health Dashboard > Manage Checks > Schedule

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

NEW QUESTION: 4

An administrator needs to provide access for a user to view real-time performance metric for all VMs on all clusters across the datacenter.

Which method accomplishes this with the least effort and ongoing maintenance?

- A. Configure IDP authentication and assign the user to the Cluster Admin role in Prism Central.
- B. Configure AD authentication and assign the user to the Viewer role in Prism Element.
- C. Configure AD authentication create a custom role, assign the user to the role, and apply the role to all clusters and VMs

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

The best method to provide access for a user to view real-time performance metrics for all VMs on all clusters across the datacenter is to configure AD authentication create a custom role, assign the user to the role, and apply the role to all clusters and VMs. This method accomplishes this with the least effort and ongoing maintenance because:

AD authentication allows Nutanix Prism Central to integrate with an existing Active Directory (AD) domain and use AD users and groups for authentication and authorization⁵. This simplifies user management and avoids creating local users on Prism Central. Creating a custom role allows Nutanix Prism Central to define granular permissions for different actions and entities based on specific needs⁶. This ensures that users only have access to what they need and nothing more.

Assigning the user to the custom role allows Nutanix Prism Central to grant access rights for that user based on the role definition⁷. This avoids assigning permissions individually for each user. Applying the role to all clusters and VMs allows Nutanix Prism Central to propagate the access rights for that role across all entities in scope⁸. This ensures that users can view real-time performance metrics for all VMs on all clusters without having to configure each entity separately.

NEW QUESTION: 5

An administrator has a Custom backup application that requires a 2TB disk and runs on Windows. Throughput is considerably lower than expected.

The application was installed on a VM with the following configuration:

- * 4 vCPUs with one core/vCPU
- * 4GB of Memory
- * One 50GB vDisk for the Windows installation
- * One 2TB vDisk for the application

What is the recommended configuration change to improve throughput?

- A.** Increase the vCPUs assigned to the VM
- B.** Add 4GB of memory to the VM
- C.** Increase the number of cores per vCPU
- D.** Span the 2TB disk across four vDisks

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

NEW QUESTION: 6

An administrator wants to have a VM on an AHV cluster with access to multiple VLANs. What is the most efficient way to achieve this?

- A.** Use SFPs that allow the needed VLANs.
- B.** Use one vNIC per VLAN for the VM.
- C.** Create a network in AHV associated with all those VLANs on all hosts.
- D.** Update a vNIC on the VM to operate in trunked mode for all desired VLANs.

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

NEW QUESTION: 7

An administrator needs to ensure logs, alerts and information is consistent across clusters that are located in different countries. Which service needs to be configured?

- A.** SMTP
- B.** DNS
- C.** SNMP
- D.** NTP

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

NTP service needs to be configured to ensure logs, alerts and information is consistent across clusters that are located in different countries. NTP stands for Network Time Protocol and it is used to synchronize the clocks of all the nodes in a cluster¹. This helps to maintain accurate timestamps for logs, alerts and other information that are generated by Nutanix clusters¹.

NEW QUESTION: 8

A VM in a 12-node Nutanix cluster is hosting an application that has specific Physical GPU requirements. Only three nodes in the cluster meet this requirement.

The administrator wants to allow a general workload to be distributed across all nodes in the cluster and must make sure that the node hosting the VM meets its requirements.

How should the administrator perform this task?

- A. Configure VM-Host affinity for the nodes that meet the application's GPU requirement.
- B. Configure anti-affinity rules between the application VM and the other VMs running on the cluster.
- C. Over-Provision the application VM with additional virtual GPUs.
- D. Create a separate three-node cluster using the nodes that meet the requirement.

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

NEW QUESTION: 9

The Stargate service becomes unavailable on a single CVM on an AHV node. What is used to maintain I/O operations in the cluster?

- A. ha.py
- B. Hypervisor HA
- C. Route injection
- D. iSCSI redirector

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

NEW QUESTION: 10

After configuring Active Directory as the desired authentication service, an administrator is not able to login into Prism Central using privileged account.

Which configuration must be checked first?

- A. Account lock status
- B. Role Mapping
- C. Local user account
- D. Cluster Lockdown

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

According to the Nutanix Community¹, users can authenticate using their Active Directory credentials when Active Directory support is enabled for Prism Central. To enable Active Directory support, you need to configure Role Mapping¹², which defines how Active Directory groups map to Prism Central roles.

<https://next.nutanix.com/ncm-intelligent-operations-formerly-prism-pro-ultimate-26/configuring-authentication-38051>

NEW QUESTION: 11

An administrator wants to reduce the largest amount of alert emails received from Prism Central.

Which two settings should the administrator customize to meet this requirement? (Choose two)

- A. Skip empty digest email
- B. Every Single Alert
- C. Daily Digest

D. Email Recipients
Answer: C,D (LEAVE A REPLY)

According to the Nutanix Support & Insights website¹, you can configure alert emails through Prism Central by enabling or disabling customer email notification for each alert. You can also modify or create custom alert policies for different entities and clusters²³.

NEW QUESTION: 12

An administrator needs to shut down an AHV cluster to relocate hardware. The administrator upgrades NCC and runs health checks. Which steps should the administrator perform next?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements.

Procedure	Step
Shut down CVMs	▼ Step 1 Step 2 Step 3 Step 4
Shut down Nodes	▼ Step 1 Step 2 Step 3 Step 4
Shut down Guest VMs	▼ Step 1 Step 2 Step 3 Step 4
Stop the Cluster	▼ Step 1 Step 2 Step 3 Step 4

Answer:

Procedure

Step

Shut down CVMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Nodes

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Guest VMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Stop the Cluster

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Procedure	Step
Shut down CVMs	▼ Step 1 Step 2 Step 3 Step 4
Shut down Nodes	▼ Step 1 Step 2 Step 3 Step 4
Shut down Guest VMs	▼ Step 1 Step 2 Step 3 Step 4
Stop the Cluster	▼ Step 1 Step 2 Step 3 Step 4

NEW QUESTION: 13

An administrator is reviewing performance of a core banking system that routinely has 20,000 concurrent users. During, business hours, the CPU on the applications servers runs at close to 100%. The administrator needs to determine if there is a performance issue specific to the app servers, the database servers, or all servers on the cluster.



Which metrics should the administrator review in Prism Analysis Graphs?

- A. Cluster IO, Network, Database and App Server CPU
- B. Cluster CPU and Memory Only
- C. Cluster IO, CPU, Memory and Database and App Server CPU
- D. Cluster IO, CPU, Memory, Network, App Server CPU

Answer: (SHOW ANSWER)

In this case, the administrator wants to investigate the performance of a core banking system that consists of application servers and database servers. The application servers have high CPU utilization during business hours, which may indicate a bottleneck or a resource contention issue. The administrator needs to review multiple metrics in Prism Analysis Graphs to identify the root cause and determine if there is a problem with the app servers only, or with other components as well.

The metrics that are relevant for this analysis are:

Cluster IO: This metric shows the input/output operations per second (IOPS) and throughput (MBps) of the cluster. It can help to understand if there is a high demand for disk IO from the VMs or if there is any latency or congestion in the storage layer.

Cluster CPU: This metric shows the CPU utilization (%) and load average of the cluster. It can help to understand if there is enough CPU capacity in the cluster to handle the workload or if there is any imbalance or contention among hosts.

Cluster Memory: This metric shows the memory utilization (%) and available memory (GB) of the cluster. It can help to understand if there is enough memory capacity in the cluster to support the VMs or if there is any pressure or swapping in the memory layer.

Network: This metric shows the network throughput (MBps) and packets per second (pps) of the cluster. It can help to understand if there is enough network bandwidth in the cluster to transfer data between hosts and VMs or if there is any congestion or packet loss in the network layer.

App Server CPU: This metric shows the CPU utilization (%) and load average of each application server VM. It can help to understand if there is any variation or anomaly in the performance of each app server or if there is any correlation with other metrics.

Database Server CPU: This metric shows the CPU utilization (%) and load average of each database server VM. It can help to understand if there is any variation or anomaly in the performance of each database server or if there is any correlation with other metrics.

NEW QUESTION: 14

The Update Source for LCM has been configured as shown in the exhibit. Inventory is failing consistently.

What is the likely cause of this issue?

- A. The license assigned to the cluster has expired.
- B. The administrator does not have a valid portal account.
- C. Port 433 Is blocked by a firewall.

D. Port 80 is blocked by a firewall.

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

NEW QUESTION: 15

When installing Nutanix Guest Tools (NGT) on an ESXi-hosted VM, which port should be enabled on the VM to allow communication with the NGT-Controller VM service?

A. 2000

B. 2074

C. 8080

D. 9943

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

NGT is a software package that enables advanced VM management features provided by Nutanix, such as file-level restore, VM mobility, and application-consistent snapshots¹². To use NGT, you need to enable the NGT feature for a VM in the Prism Element web console, mount the NGT installer (ISO disk file) in the VM, and install NGT in the VM¹. However, before installing NGT, you need to ensure that the VM can communicate with the NGT-Controller VM service, which runs on the Controller VM (CVM) of each Nutanix node³. The NGT-Controller VM service listens on port 9943 for incoming requests from the guest VMs³. Therefore, you need to enable port 9943 on the ESXi-hosted VM to allow communication with the NGT-Controller VM service.

NEW QUESTION: 16

What requires iSCSI initiator configuration in the guest OS to use Volumes?

A. Oracle RAC

B. SQL Server Always On Availability Group

C. Microsoft Windows Failover Cluster

D. Exchange DAG

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

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF Special Discount: Freepdfdumps**)

NEW QUESTION: 17

A Nutanix cluster is equipped with four nodes. Four VMs on this cluster have been configured with a VM-VM anti-affinity policy and are each being hosted by a different node.

What occurs to the cluster and these VMs during an AHV upgrade?

A. One VM out of the four powers down when the node hosting it reboots.

B. The AHV pre-upgrade checks fail until the four VMs are powered off.

C. The AHV pre-upgrade checks fail until the administrator disables the anti-affinity policy.

D. One node hosts two VMs while the node being upgraded is in maintenance mode.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

In Files, how many FSVMs are deployed by default?

- A. 1
- B. 5
- C. 2
- D. 3

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

NEW QUESTION: 19

What is Prism Central primarily used for?

- A. Multi-cluster network configuration
- B. Container creation
- C. Multi-cluster Single Sign On
- D. Data reduction configuration

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

According to the web search results, Prism Central is a multi-cluster manager that provides a single, centralized management interface for Nutanix environments¹². One of the features of Prism Central is multi-cluster Single Sign On (SSO), which allows users to log in once and access multiple clusters without re-entering credentials³.

NEW QUESTION: 20

What are two minimum prerequisites for live migration to succeed? (Choose two.)

- A. All AHV hosts have IP addresses in the same subnet
- B. All AHV hosts must be configured on the same VLAN
- C. All VMs have an IP address in the same subnet
- D. All VMs are configured for the same VLAN

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

According to section 5 of the exam blueprint guide¹, one of the topics covered is live migration. Live migration is the process of moving a running VM from one host to another without any downtime or interruption of service. To perform live migration, there are some prerequisites that must be met, such as:

All AHV hosts have IP addresses in the same subnet

All VMs are configured for the same VLAN

The source and destination hosts have enough resources to accommodate the VM The VM does not have any PCI devices attached

NEW QUESTION: 21

What Nutanix feature provides effective caching optimization In VDI environments?

- A. Shadow Clones
- B. Remote Protection Group
- C. Snap Clones
- D. Local Protection Group

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

NEW QUESTION: 22

After running an LCM inventory it is noticed that there are a number of firmware and software updates available. The administrator would like to avoid any host reboots, but would like to apply some of the available updates?

- A.** M.2 Drives
- B.** AHV
- C.** Data Drives
- D.** AOS

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

Explanation

AHV is the Acropolis Hypervisor that is used to run Nutanix clusters, and firmware and software updates can be applied to it without requiring any host reboots. AOS is the Acropolis Operating System that includes the hypervisor, storage and management components of the Nutanix cluster, and firmware and software updates can also be applied to it without requiring any host reboots.

NEW QUESTION: 23

An administrator wants to have a VM on an AHV cluster with access to multiple VLANs. What is the most efficient way to achieve this?

- A.** Update a vNIC on the VM to operate in trunked mode for all desired VLANs.
- B.** Create a network in AHV associated with all those VLANs on all hosts.
- C.** Use SFPs that allow the needed VLANs.
- D.** Use one vNIC per VLAN for the VM.

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

According to the Nutanix Support & Insights web search result², VM NICs on AHV can operate in two modes: Access and Trunked. Access NICs are the default, and allow one VLAN on the NIC. Trunked NICs allow multiple VLANs on a single NIC for VMs that are VLAN aware. If you must use trunked NICs, follow the steps described in the web search result². Therefore, the most efficient way to have a VM on an AHV cluster with access to multiple VLANs is to update a vNIC on the VM to operate in trunked mode for all desired VLANs.

NEW QUESTION: 24

An administrator wants to receive an environment summary report when a host failure occurs. Which action would address the administrator's need?

- A.** Enable App Discovery
- B.** Edit report schedule
- C.** Configure an alert policy
- D.** Create a playbook

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

An alert policy can be configured to send out an environment summary report when a host failure occurs. This can be done by creating a policy that triggers an alert whenever a host fails and then configuring the policy to send out a report that provides a summary of the environment in which the failure occurred. This will allow the administrator to quickly get a view of the environment after a failure occurs, allowing them to take the necessary steps to address the issue.

https://www.nutanix.com/support-services/training-certification/certifications/certification-details-nutanix-certified-professional-multicloud-infrastructure-6_5

NEW QUESTION: 25

A guest VM should be able to tolerate simultaneous failure of two nodes or drives.

What are the minimum requirements for the Nutanix cluster?

- A. 3 nodes with cluster RF 3 and container RF 2
- B. 5 nodes with cluster RF 2 and container RF 3
- C. 3 nodes with cluster RF 3 and container RF 3
- D. 5 nodes with cluster RF 3 and container RF 3

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

NEW QUESTION: 26

An administrator needs to bring down a host in a Nutanix Cluster for maintenance reasons. The administrator puts the host in maintenance mode.

What should the administrator do to perform an orderly shutdown of the CVM?

- A. Execute the `cvm_shutdown -P new` command from the CVM.
- B. Enter Fever off Server - immediate from the IPMI console.
- C. Enter Fever off Server-orderly Shutdown from the IPMI console.
- D. Execute the `cvm_shutdown -P now` command from the host.

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

According to the How to use the `cvm_shutdown` script web search result³, the `cvm_shutdown` script signals HA when shutting down the CVM (Controller VM) to forward the storage traffic to another healthy CVM. Instead of using `sudo shutdown` or `sudo reboot` commands, this script should be used to minimize I/O hits in user VMs running on the present hypervisor host. The `cvm_shutdown -P now` command will initiate the shutdown process on the CVM immediately. Therefore, if the administrator needs to perform an orderly shutdown of the CVM, they should execute this command from the CVM.

NEW QUESTION: 27

An administrator is configuring cross-hypervisor DR from an ESXi cluster to a new AHV cluster. When the administrator migrates a protection domain to the AHV cluster, the VMs fail to boot.

What should the administrator do to correct this problem?

- A. Increase the snapshot frequency to more than 6 hours.
- B. Uninstall VMware Tools from the VMs.
- C. Install Nutanix Guest Tools in the protected VMs.
- D. Add all VMs into a single consistency group.

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

According to the web search results, one of the requirements for cross-hypervisor disaster recovery (CHDR) is to install and configure Nutanix Guest Tools (NGT) on all the VMs². NGT configures the VM with all the required drivers for VM portability. Without NGT, the VMs may fail to boot after being migrated to a different hypervisor type.

NEW QUESTION: 28

An administrator notices that most of the VMs in the cluster are on one host. Users report that an application seems to respond slowly. The application server VM has significantly more memory assigned to it than other VMs.

How should the administrator fix this issue?

- A. Reduce the amount of memory assigned to the VM.
- B. Migrate the VM to a different host.
- C. Add more memory to the VM.
- D. Increase the memory on the CVM.

Answer: ([SHOW ANSWER](#))

According to the Troubleshoot high memory issues on Azure virtual machines web search result², one of the common factors in a low memory situation is over-provisioning memory for a VM. Over-provisioning memory can cause memory pressure, which leads to swapping and degraded performance. Therefore, to fix this issue, the administrator should reduce the amount of memory assigned to the VM, based on the average hardware requirements for that operating system and application load.

NEW QUESTION: 29

An administrator wants to expand the Failure Domain level of a cluster.

What two options are available? (Choose two.)

- A. Node
- B. Data Center
- C. Block
- D. Rack

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

Nutanix clusters are resilient to a drive, node, block, and rack failures because they use redundancy factor 2 by default, allowing Nutanix clusters to self-heal². Failure scenarios can be thought of in terms of fault domains, which are the physical or logical parts of a computing environment or location that are adversely affected when a device or service experiences an issue or outage³. There are four fault domains in a Nutanix cluster: Disk, Node, Block, and Rack⁴. Block and Rack are two options that are available for expanding the failure domain level of a cluster. Block fault tolerance is enabled by default and ensures that data is replicated across different blocks in a cluster⁵. Rack fault tolerance has to be configured manually and ensures that data is replicated across different racks in a cluster⁴.

NEW QUESTION: 30

An administrator adds a node with older generation processors to an existing AHV cluster with newer generation processors. What is the effect on live migration?

- A. Live migration continues to function as expected and VMs can move to any AHV host.
- B. Live migration is prevented until the administrator enables the legacy migration option.
- C. Live migration is prevented until the administrator manually changes the newer processor level.
- D. Live migration of VMs is prevented between newer and older processors.

Answer: ([SHOW ANSWER](#))

According to the Migration to a different processor web search result², live migration of VMs depends on the source and destination hosts having the same CPU functions (CPU flags). Live migration requires the source and destination hosts to have CPUs from the same manufacturer, and only CPU functions which both hosts support are provided (same CPU generation, or by using VMware Enhanced vMotion Compatibility (EVC)). If the administrator adds a node with older generation processors to an existing AHV cluster

with newer generation processors, then live migration of VMs is prevented between newer and older processors, unless EVC is enabled.

NEW QUESTION: 31

Which two predefined views can be added to a report to identify inefficient VMs?

- A. Overprovisioned VMs List
- B. Zombie VMs List
- C. Underprovisioned VMs List
- D. Constrained VMs List

Answer: ([SHOW ANSWER](#))

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 32

What is the recommended approach for a constrained VM?

- A. Reboot the VM
- B. Delete the VM.
- C. Increase the VM resources.
- D. Decrease the VM resources

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

A constrained VM is one that does not have enough resources for the demand and can lead to performance bottlenecks. A VM is considered constrained when it exhibits one or more of the following baseline values, based on the past 21 days: CPU usage > 90% (moderate), 95% (severe) CPU ready time > 5%, 10% Memory usage > 90%, 95% Memory swap rate > 0 Kbps¹. To provide adequate host resources, resize (increase) the constrained VMs¹.

NEW QUESTION: 33

A cluster has RF2. The cluster loses two drives on different nodes in the same storage tier.

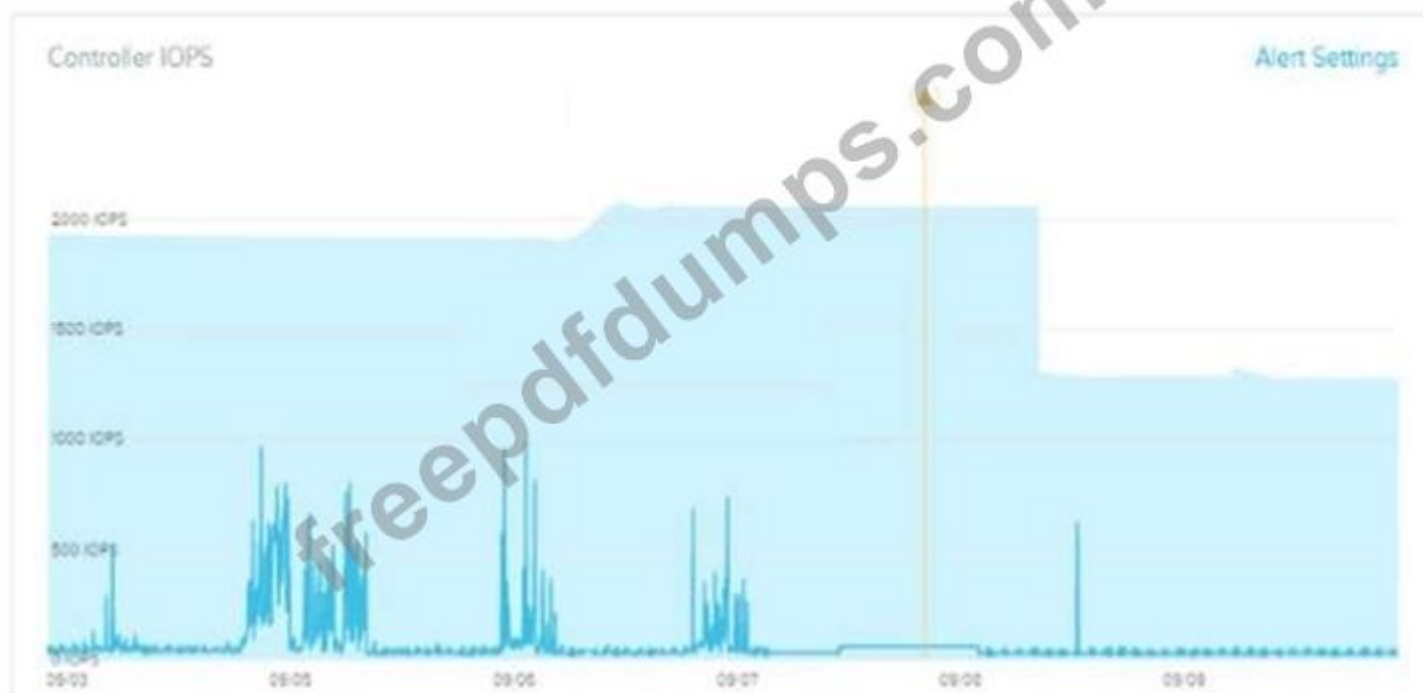
What is the effect on the replicas of the VMs?

- A. Some VM data may be lost
- B. No VMs lose data because of RF2
- C. Some VMs may reboot and gain access to data
- D. No VMs lose data if the node has two or more SSDs

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

NEW QUESTION: 34

Refer to exhibit:



Why has an anomaly been triggered?

- A. Controller reached 2500 IOPS.
- B. Observed IOPS exceed normal values.
- C. Normal Controller behavior has increased.
- D. Observed values do not match predicted values.

Answer: D (LEAVE A REPLY)

Nutanix anomaly detection is a feature that monitors seasonal trends for time-series data (e.g. CPU usage, memory usage, latency, etc.) and establishes a "band" of expected values based on historical data¹². Only values that hit outside the "band" will trigger an event / alert¹.

Nutanix leverages a method for determining the bands called 'Generalized Extreme Studentized Deviate Test'. A simple way to think about this is similar to a confidence interval where the values are between the lower and upper limits established by the algorithm. Another web source³ shows an example of how anomaly detection works in Nutanix Prism Central. In the video, you can see that when the observed value of a metric deviates significantly from the predicted value based on historical data, an anomaly event is triggered and displayed on a chart.

Therefore, by comparing the observed values with the predicted values based on historical data, Nutanix anomaly detection can identify abnormal behavior and alert you accordingly.

NEW QUESTION: 35

A customer has a newly-deployed AHV cluster with nodes that have 2.x 10 GbE and 2.x interface. The customer wants to use all available network interfaces to provide connectivity to the VMs.

Which option should the administrator use to achieve this while remaining consistent with Nutanix recommendations?

- A. Create separate VLANs that map 10GbE and 1GbE interfaces.

- B. Create bond1 on virbr0 and add the 1GbE interfaces to it for VM use.
- C. Create a second bond on br0 on each host and assign the 1 GbE interfaces to it.
- D. Create a second bridge on each host and assign the 1GbE interfaces to it.

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

According to the web search results, one of the best practices for Nutanix AHV networking is to create a second bridge on each host and assign the 1GbE interfaces to it³. This way, the customer can use both 10GbE and 1GbE interfaces for VM traffic, and also benefit from network isolation and redundancy.

NEW QUESTION: 36

An administrator has set up a local web server accessible to the Nutanix clusters.

Which two steps are required to set up LCM for an environment without Internet access? (Choose two.)

- A. Edit LCM Advanced Settings in Prism Element and enter the address of the web server.
- B. Download the lcm_dark_site_version. tar . gz LCM bundle from the support portal.
- C. Download the lcai_disconnected_version. tar.gz LCM bundle from the support portal.
- D. Edit LCM Advanced Settings in Prism Central and enter the address of the web server.

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

NEW QUESTION: 37

An administrator has been asked to enable block awareness and increase the fault tolerance to FT2 on a Nutanix AHV cluster with the following configuration:

Four blocks

One node per block

Will the administrator be able to accomplish these tasks?

- A. No-Fault tolerance changes are not supported.
- B. Yes-FT2 requires a minimum of three nodes.
- C. Yes-Block awareness requires a minimum of three blocks.
- D. No-FT2 requires a minimum of five nodes.

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

Fault tolerance (FT) is the ability of a cluster to withstand node failures and maintain data availability. FT is determined by the replication factor (RF) of the data, which is the number of copies of each data block stored on different nodes. $FT = RF - 1$, meaning that the cluster can tolerate as many node failures as one less than the RF. Block awareness is a feature that enhances fault tolerance by ensuring that data copies are distributed across different blocks, which are groups of nodes that share a power source and network switch. Block awareness requires a minimum of three blocks and a minimum of six nodes in the cluster.

In this scenario, the administrator has been asked to enable block awareness and increase the fault tolerance to FT2 on a Nutanix AHV cluster with the following configuration: Four blocks, One node per block. The administrator will not be able to accomplish these tasks because:

To enable block awareness, the cluster needs at least six nodes, but it only has four nodes.

To increase the fault tolerance to FT2, the cluster needs at least five nodes per RF3 or seven nodes per RF4, but it only has four nodes.

Therefore, the administrator will need to add more nodes to the cluster before enabling block awareness and increasing the fault tolerance to FT2.

NEW QUESTION: 38

An administrator manages an AHV cluster that is dedicated to a dev/test environment. The administrator receiving complaints from users that they are unable to create new VMs on the cluster.

After the reviewing the cluster, the administrator finds that the memory resources are almost fully utilized, with many VMs over-provisioned on memory.

What option is the most efficient resolution to enable additional VMs to be created?

- A. Enable Memory Overcommit on the over-provisioned VMs.
- B. Enable Memory HA on the over-provisioned VMs.
- C. Upgrade the nodes with additional memory DIMMs.
- D. Disable HA Reservation on the cluster.

Answer: (SHOW ANSWER)

Enable Memory Overcommit on the over-provisioned VMs is the most efficient resolution to enable additional VMs to be created. Memory overcommit allows VMs to use more memory than physically available on a host by compressing and swapping memory pages to storage¹. This can improve memory utilization and increase VM density on a cluster¹. However, memory overcommit is not supported when HA is configured to use reserved hosts, so you may need to disable HA reservation on the cluster before enabling memory overcommit¹.

NEW QUESTION: 39

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

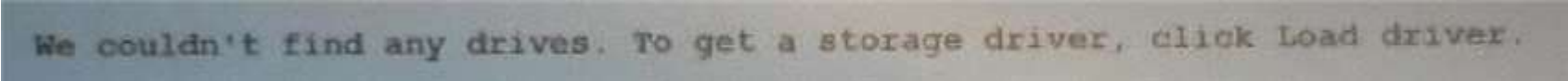
Which two actions should the administrator take when designing the Volume Group? (Choose two.)

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

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 40

Administrator is creating a Windows 10 VM that will be used for a virtual desktop template. After creating the VM and booting to the ISO, the administrator is unable to install Windows and receives the following error.



We couldn't find any drives. To get a storage driver, click Load driver.

What steps does the administrator need to take to install the OS?

- A. Load the Nutanix VirtIO Serial Bus Driver.
- B. Load the Virtual SCSI pass-through controller.
- C. Load the VirtIO Network Ethernet Adapter.
- D. Load the Nutanix Virtual Balloon Driver.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 41

What is a requirement to enable Flow Networking?

- A. Flow Micro segmentation must be enabled.
- B. Prims Central is using a three-node scale-out deployment
- C. A dedicated virtual switch has been created for Flow Networking.
- D. Microservices infrastructure must be enabled.

Answer: ([SHOW ANSWER](#))

Flow Networking is a feature that enables software-defined networking for AHV clusters. It allows users to create and manage virtual private clouds (VPCs), subnets, and network services such as NAT, DHCP, routing, and VPN. Flow Networking also supports service insertion and chaining, which enables integration with third-party network functions such as firewalls and load balancers. Flow Networking is built on top of the microservices infrastructure (MSP) in Prism Central, which provides the platform for running various Nutanix services such as Calm, Karbon, and Objects. Therefore, to enable Flow Networking, the MSP must be enabled first on Prism Central¹. The MSP can be enabled from the Prism Central settings page or from the command line interface (CLI) of the Prism Central VM². Enabling the MSP will also enable Flow Microsegmentation, which is another feature that provides network security and visibility for AHV clusters.

NEW QUESTION: 42

An administrator responsible for a VDI environment needs to investigate reports of slow logins. The administrator finds that increasing the number of vCPUs from 2 to 4 will reduce the login times. Production workloads are consuming 75% of the host CPU on the cluster. The administrator increases the vCPU count on all of the VDI VMs.

What are two impacts on the cluster? (Choose two)

- A. Increasing CPU counts will decrease memory utilization
- B. Increase memory utilization%
- C. Increase CPU utilization%
- D. Increase CPU ready%

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

According to the web search results, the two impacts on the cluster that will result from increasing the vCPU count on all of the VDI VMs are:

Increase CPU utilization%: CPU utilization is the percentage of time that a CPU is busy executing instructions⁵. By increasing the vCPU count on all of the VDI VMs, the administrator will increase the demand for CPU resources on the cluster, which will increase the CPU utilization percentage⁶.

Increase CPU ready%: CPU ready is the percentage of time that a vCPU is ready to run but is waiting for a physical CPU to become available⁵. By increasing the vCPU count on all of the VDI VMs, the administrator will increase the contention for physical CPU resources on the cluster, which will increase the CPU ready percentage⁶. A high CPU ready percentage can indicate performance issues such as latency or slowdowns⁵.

NEW QUESTION: 43

A user running a Computer Aided Design (CAD) application is complaining about slow response time within the VM, particular when moving windows or rendering images.

Which VM metric will guide the administrator toward diagnosing the problem?

- A. GPU Usage
- B. Swap in Rate
- C. Storage Controller Latency

D. Hypervisor Memory Usage (%)

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

NEW QUESTION: 44

The Update Source for LCM has been configured as shown in the exhibit. Inventory is failing consistently.

What is the likely cause of this issue?

- A.** Port 433 Is blocked by a firewall.
- B.** Port 80 is blocked by a firewall.
- C.** The administrator does not have a valid portal account.
- D.** The license assigned to the cluster has expired.

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

According to the image description, the update source for LCM is configured to use the Nutanix Portal URL, which is a web address that requires internet access. The LCM inventory operation needs to download the latest manifest file and module files from the Nutanix Portal URL using port 801. If port 80 is blocked by a firewall, the LCM inventory will fail with an error message such as "Failed to get size of file at 5" or "The requested URL returned error: 403 Forbidden" as shown in the web search results²³. To resolve this issue, the firewall rules need to be updated to allow port 80 traffic from the CVMs to the Nutanix Portal URL¹.

NEW QUESTION: 45

An Administrator is working on a one-node ROBO cluster configurations

Which statement is true for this configuration?

- A.** the minimum RPO 8 hours required
- B.** Witness vm required to break cluster quoram
- C.** witness vm should be 8vcp and 20gb ram
- D.** Supported hardware is NX-1175-G5 and G6

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

NEW QUESTION: 46

Which baseline is used to identify a Zombie VM?

- A.** VM is powered off for the past 21 days.
- B.** Memory usage is less than 1% and memory swap rate is equal to 0 Kbps for the past 21 days. VM has no logins for the past 21 days
- C.** VM has no logins for the past 21 days
- D.** Fewer than 30 I/Os and less than 1000 bytes per day of network traffic for the past 21 days

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

The correct answer is D. Fewer than 30 I/Os and less than 1000 bytes per day of network traffic for the past 21 days.

A zombie VM is a type of inactive VM that is powered on but does very little activity. A zombie VM wastes host resources such as CPU, memory, disk, and network that could be used by other VMs. A zombie VM can be identified by using the VM Profile feature in Prism Central. The VM Profile feature analyzes the resource utilization of each VM and assigns it a profile based on its efficiency and impact on other VMs. The profiles are as follows¹:

Efficient: The VM is well-provisioned and has optimal resource utilization.

Over-provisioned: The VM has more resources than it needs and has low resource utilization.

Constrained: The VM has less resources than it needs and has high resource utilization.

Inactive: The VM has no resource utilization and is idle or powered off.

Bully: The VM has high resource utilization and causes contention for other VMs.

A zombie VM is a subtype of an inactive VM that meets the following criteria2:

The VM is powered on for the past 21 days.

The VM does fewer than 30 read or write I/Os (total) per day for the past 21 days.

The VM receives or transfers fewer than 1000 bytes per day of network traffic for the past 21 days.

To identify a zombie VM, the administrator can use Prism Central to view the VM Profile dashboard and filter by profile type. The dashboard shows the number of VMs in each profile type, as well as their resource consumption and efficiency score. The administrator can also drill down into each VM to see its detailed metrics and recommendations for optimization.

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF Special Discount: Freepdfdumps**)

NEW QUESTION: 47

An administrator is adding a node with a higher AOS release to an existing cluster.

What is the most efficient action an administrator should take to ensure it is in a supported state?

- A. Destroy cluster and foundation with the new node in place
- B. Add the node to the cluster and leave the existing AOS version in place
- C. Perform standalone reimage of the new node and then add to cluster
- D. Add the node to the cluster and reboot all running VMs to use new release

Answer: C (LEAVE A REPLY)

According to the web search results, the most efficient action an administrator should take to ensure a supported state when adding a node with a higher AOS release to an existing cluster is to perform a standalone reimage of the new node and then add it to the cluster1. This way, the new node will have the same AOS version as the existing nodes, and there will be no compatibility issues or downtime. Therefore, option C is correct, while options A, B, and D are not.

NEW QUESTION: 48

The customer is seeing high memory utilization on a mission critical VM. Users report that the application is unavailable. The guest OS does not support hot add components.

How should the administrator fix this issue?

A. Access the CVM on the host that is running the VM:

*Open acli

*Run a command to increase the amount of RAM assigned to the VM

B. From the Prism web console:

*Go to the VM dashboard

*Select the VM from the VMs list

*Choose Update

*Adjust the amount of memory assigned to the VM

C. Go to Control Panel in the VM:

*Select the Computer Properties

*Increase the amount of RAM assigned

D. During the next maintenance window:

*Select the VM from the VMs list

*Perform a graceful shutdown

Answer: ([SHOW ANSWER](#))

The best way to fix this issue is to increase the amount of memory assigned to the VM from the Prism web console. This option allows the administrator to modify the VM configuration without accessing the CVM or shutting down the VM. The Prism web console provides a simple and intuitive interface for managing Nutanix clusters and VMs¹. To change the memory allocation for a VM, the administrator can follow these steps²:

Go to the VM dashboard

Select the VM from the VMs list

Choose Update

Adjust the amount of memory assigned to the VM

Click Save

NEW QUESTION: 49

Which algorithm do snapshots and clones leverage to maximize efficiency and effectiveness?

A. Continuous Data Protection

B. Copy-on-Write

C. Split-mirror

D. Redirect-On-Write

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

According to the Dell Unity: Data Reduction Technical White Paper¹, snapshots and clones on Dell Unity use the Copy-on-Write (CoW) algorithm to maximize efficiency and effectiveness. CoW is a technique that defers the copying of data until it is modified. This means that snapshots and clones only consume space when changes are made to the source or the clone, respectively. CoW also preserves the original data in case of a rollback or recovery operation.

NEW QUESTION: 50

Refer to Exhibit.

FAULT DOMAIN TYPE: HOST

COMPONENT	FAILURES TOLERABLE	MESSAGE
Static Configuration	1	
Erasure Code Strip Size	1	
Stargate Health	1	
Metadata	1	
Oplog	1	
ZooKeeper	1	
Extent Groups	1	

An administrator increases the cluster RF to 3. The containers are not modified.

What will the new values in the data resiliency dashboard be for FAILURES TOLERABLE for the Zookeeper and Extent Groups components?

- A. Zookeeper = 2 and Extent Groups = 1
- B. Zookeeper = 1 and Extent Groups = 2
- C. Zookeeper = 2 and Extent Groups = 2
- D. Zookeeper = 1 and Extent Groups = 1

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

NEW QUESTION: 51

Where should an administrator unregister Prism Element from Prism Central?

- A. From a Host SSH session
- B. From the Prism Central web console
- C. From the Prism Element web console
- D. From a CVM SSH session

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

This is because there is no GUI method to unregister a cluster from Prism Central, so the process requires SSH access to the PC VM as well as to a CVM of the cluster². The unregistration process involves getting the UUID of the cluster from the CVM and then using that to trigger de-registration from PC command line². The unregistration process also involves cleaning up any associated metadata and configuration on both PC and PE². Therefore, the administrator needs to use a Host SSH session to perform this task.

NEW QUESTION: 52

In the event of a disk failure, which process will immediately and automatically scans Cassandra to find all data previously hosted on the failed disk, and all disks in that node?

- A. Prism
- B. Genesis
- C. Curator

D. Stargate

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

NEW QUESTION: 53

An administrator adds a node with older generation processors to an existing AHV cluster with newer generation processors. What is the effect on live migration?

- A. Live migration continues to function as expected and VMs can move to any AHV host.
- B. Live migration is prevented until the administrator manually changes the newer processor level.
- C. Live migration of VMs is prevented between newer and older processors.
- D. Live migration is prevented until the administrator enables the legacy migration option.

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

NEW QUESTION: 54

An administrator needs to report on any alerts generated by a Nutanix cluster that affected the cluster's availability over the past 10 days.

Which method should be used to locate these events?

- A. Export the cluster event log to a CSV on the Alerts dashboard.
- B. On the Health dashboard, use the Log Collector to export data based on time stamp.
- C. On the Alerts dashboard, filter based on Impact Type and the desired Time Range.
- D. Configure an Alert Policy to generate an email with the data on the Health dashboard.

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

NEW QUESTION: 55

A recently configured cluster is leveraging NearSync with a recovery schedule of 15 minutes. It is noticed that the cluster is consistently transitioning in an Out of NearSync.

What action should be taken to potentially address this issue?

- A. Increase network bandwidth
- B. Change the NearSync schedule to 30 minutes.
- C. Add a vCPUs to the user VMs.
- D. Configure a secondary schedule in the same Protection Domain.

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

One of the possible reasons for a cluster to transition out of NearSync is insufficient network bandwidth between the source and target clusters. NearSync requires a minimum network bandwidth of 10 Mbps per VM for replication³. If the network bandwidth is lower than the required amount, the replication of recovery points may take longer than the configured RPO, resulting in an Out of NearSync condition. To address this issue, you can increase the network bandwidth between the clusters or reduce the number of VMs protected by NearSync⁴.

NEW QUESTION: 56

An administrator is working with Nutanix Support and needs to provide logs for troubleshooting an issue. The cluster is located in a secure environment. Data such as IP addresses and VM names cannot be shared.

Which method should be used to anonymize the log data sent to Nutanix Support?

A)

Under the **User Profile** in Prism, select **Anonymize Log Output**, then run **Log Collector** from the **Health** dashboard.

B)

Run the `ncc log_collector` tool on a CVM, setting the `--enhanced_log_collector` flag to `true`.

C)

Run the `ncc log_collector` tool on a CVM, setting the `--anonymize_output` flag to `true`.

D)

On the **Health** dashboard in Prism, use the **Log Collector** option under **Actions** and choose **Anonymize Logs**.

A. Option C

B. Option D

C. Option B

D. Option A

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 57

Where are Leap Availability Zones configured?

A. Cloud Connect

B. Controller VM

C. Prism Element

D. Prism Central

Answer: ([SHOW ANSWER](#))

Terminology

Availability Zone - it is represented by all resources (Nutanix Clusters) connected to Prism Central or Xi Leap Availability zone.

Depends on the architecture, Availability zone can represent geographic territory, datacenter or server room in the datacenter.

Protection policies - in protection policies you set up (RPO, Retention), rules to auto-apply policies to virtual machines

<https://vmwaremine.com/2019/02/08/nutanix-leap-runbooks-part-1/#sthash.VwrzSzhQ.dpbs>

NEW QUESTION: 58

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. Distribute workload across multiple virtual disks

B. Enable RSS (Receive Side Scaling)

C. Use multiple subnets for iSCSI traffic

D. Enable thick provisioning on the Volume Group(s)

Answer: ([SHOW ANSWER](#))

According to the Nutanix Volumes - Recommendations And Best Practices web search result³, two actions that the administrator should take when designing the Volume Group are:

Distribute workload across multiple virtual disks: Use multiple disks rather than a single large disk for an application. Consider using a minimum of one disk per Nutanix node to distribute the workload across all nodes in a cluster. Multiple disks per Nutanix node may also improve an application's performance. For performance-intensive environments, we recommend using between four and eight disks per CVM for a given workload.

Enable RSS (Receive Side Scaling): Receive-side scaling (RSS) allows the system to use multiple CPUs for network activity. With RSS enabled, multiple CPU cores process network traffic, preventing a single CPU core from becoming a bottleneck. Enabling RSS within hosts can be beneficial for heavy iSCSI workloads. For VMs running in ESXi environments, RSS requires VMXNET3 VNICs. For Hyper-V environments, enable VMQ to take full advantage of Virtual RSS.

NEW QUESTION: 59

Refer to the exhibit.

```
admin@NTNX:~$ manage_ovs show_uplinks
Bridge: br0
Bond: br0-up
bond_mode: balance-tcp
interfaces: eth3 eth2 eth1 eth0
lACP: active
lACP-fallback: false
lACP_speed: fast
admin@NTNX:~$
```

An administrator is adding a new node to a cluster. The node has been imaged to the same versions of AHV and AOS that the cluster is running, configured with appropriate IP addresses, and br0-up has been configured the same as the existing uplink bonds. When attempting to add the node to the cluster with the Expand Cluster function in Prism, the cluster is unable to find the new node.

Based on the above output from the new node, what is most likely the cause of this issue?

- A. The ports on the upstream switch are not configured for LACP.
- B. The existing and the expansion node are on different VLANs.
- C. There is a firewall blocking the discovery traffic from the tlu
- D. LACP configuration must be completed after cluster expansion

Answer: B (LEAVE A REPLY)

The correct answer is B. The existing and the expansion node are on different VLANs.

The output shows that the new node has a br0-up bond with four interfaces: eth0, eth1, eth2, and eth3. The bond is configured with LACP active and LACP fallback set to false. This means that the bond will only work if the upstream switch supports LACP and is configured to form an LACP group with the four interfaces. However, the output also shows that the bond has no IP address assigned to it, which indicates that the bond is not operational. One possible reason for this is that the existing and the expansion node are on different VLANs, and the upstream switch is not configured to allow the VLAN traffic on the LACP group. This would prevent the new node from communicating with the cluster and being discovered by the Expand Cluster function in Prism.

To verify this, the administrator can check the VLAN configuration on the upstream switch and compare it with the existing nodes. Alternatively, the administrator can use the "manage_ovs show_uplinks" command on an existing node and compare the output with the new node. If there is a VLAN mismatch, the administrator can either change the VLAN configuration on the switch or on the new node to match the existing nodes.

NEW QUESTION: 60

How many SSL certificates are used by Prism Element on a Nutanix cluster?

- A. 1
- B. 2048
- C. 5
- D. 256

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

NEW QUESTION: 61

An administrator is configuring data protection and DR for a multi-tier application. All VMs must be protected at the same time. What must the administrator do to meet this requirement?

- A. Create a consistency group for each VM with identical schedules
- B. Create a consistency group for the application and place all VMs in it
- C. Create a protection domain for the application and select auto-protect related entities
- D. Create a protection domain for each VM with identical schedules

Answer: ([SHOW ANSWER](#))

According to the web search results, a consistency group is a group of related applications or services that must be recovered together in order to work properly, and this means more than being recovered at the same time⁶⁷. They also typically need to be recovered to the same point in time⁶. Therefore, to meet the requirement of protecting all VMs of a multi-tier application at the same time, the administrator must create a consistency group for the application and place all VMs in it⁸. This way, the administrator can apply data protection policies and schedules to the entire consistency group as a single unit⁸.

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 62

How many Prism Central instances are required to deploy Leap:'

- A. One per availability zone
- B. One per customer environment
- C. One per physical site
- D. One per AHV cluster

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

The number of Prism Central instances required to deploy Leap is one per customer environment. Prism Central is a multi-cluster manager that provides a single, centralized management interface for Nutanix environments³. Leap is a native cloud extension that provides disaster recovery as a service (DRaaS) for Nutanix environments⁴. To use Leap, customers need to have one Prism Central instance deployed in their primary site, and register it with their Xi Cloud Services account⁵. This Prism Central instance can manage multiple Nutanix clusters across different physical sites or availability zones⁶.

NEW QUESTION: 63

Which data savings technique utilizes stripes and parity calculation in a Nutanix cluster?

- A. Compression
- B. Parity strip
- C. Erasure coding
- D. Deduplication

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

According to the Nutanix Support & Insights web search result¹, erasure coding is a data savings technique that utilizes stripes and parity calculation in a Nutanix cluster. Erasure coding increases the usable capacity on a cluster by reducing the replication factor of data blocks. Instead of replicating data, erasure coding uses parity information to rebuild data in the event of a disk or node failure. Erasure coding can save up to 50% of storage space compared to replication factor 2, and up to 75% compared to replication factor 3².

NEW QUESTION: 64

After running an LCM inventory it is noticed that there are a number of firmware and software updates available. The administrator would like to avoid any host reboots, but would like to apply some of the available updates?

Which two updates can be done while avoiding a host reboot? (Choose two.)

- A. M.2 Drives
- B. AHV
- C. Data Drives
- D. AOS

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

AOS and M.2 Drives are two updates that can be done while avoiding a host reboot. AOS is the Acropolis Operating System that includes the hypervisor, storage and management components of the Nutanix cluster, and firmware and software updates can also be applied to it without requiring any host reboots

NEW QUESTION: 65

Which baseline is used to identify a Zombie VM?

- A. Memory usage is less than 1% and memory swap rate is equal to 0 Kbps for the past 21 days.
VM has no logins for the past 21 days
- B. Fewer than 30 I/Os and less than 1000 bytes per day of network traffic for the past 21 days
- C. VM is powered off for the past 21 days.
- D. VM has no logins for the past 21 days

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

NEW QUESTION: 66

During an AHV upgrade, an administrator finds that a critical VM was powered off rather than migration to another host. Which scenario explains this behavior?

- A. NO AHV hosts were able to be scheduled.
- B. The VM was on the same host as the acropolis leader.
- C. The VM was marked as an agent VM.
- D. The VM OS hung during migration.

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

NEW QUESTION: 67

A system administrator needs to add more VMs to their Nutanix cluster.

Which two actions should the administrator perform to determine if the current cluster can accommodate the new VMs? (Choose two)

- A. Enable Deduplication and Ensure Coding
- B. Determine utilization with Cluster Runway
- C. Utilize Optimize Resources for VM efficiency
- D. Perform an inventory with Life Cycle Management

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

NEW QUESTION: 68

What is the proper sequence to perform a one-click upgrade to a Nutanix cluster?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements. Not all procedures are valid. Identify any invalid procedures using the drop-down option.

Answer Area

Procedure

Select the Gear icon at top right of the page

Step

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

Select the component to upgrade

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

Once the download completes, select Upgrade

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step



▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

Select the User login name at the top right of the page

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

On the left, select Upgrade Prism Central

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

Click Download

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

On the left under Settings, select Upgrade Software

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

Log in to Prism Element

▼

Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Invalid Step

Answer:

Answer Area

Procedure	Step
Select the Gear icon at top right of the page	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Select the component to upgrade	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Once the download completes, select Upgrade	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Log into Prism Central	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Select the User login name at the top right of the page	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
On the left, select Upgrade Prism Central	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Click Download	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
On the left under Settings, select Upgrade Software	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step
Log in to Prism Element	▼ Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Invalid Step

Explanation

Step 1 ---> Login into Prism Element.

Step 2 ---> Select the Gear Icon at top right of the page.

Step 3 ---> Click Upgrade Software.

Step 4 ---> Select the component to upgrade.

Step 5 ---> Click download.

Step 6 ---> Once the download completes, select upgrade.

Invalid:-

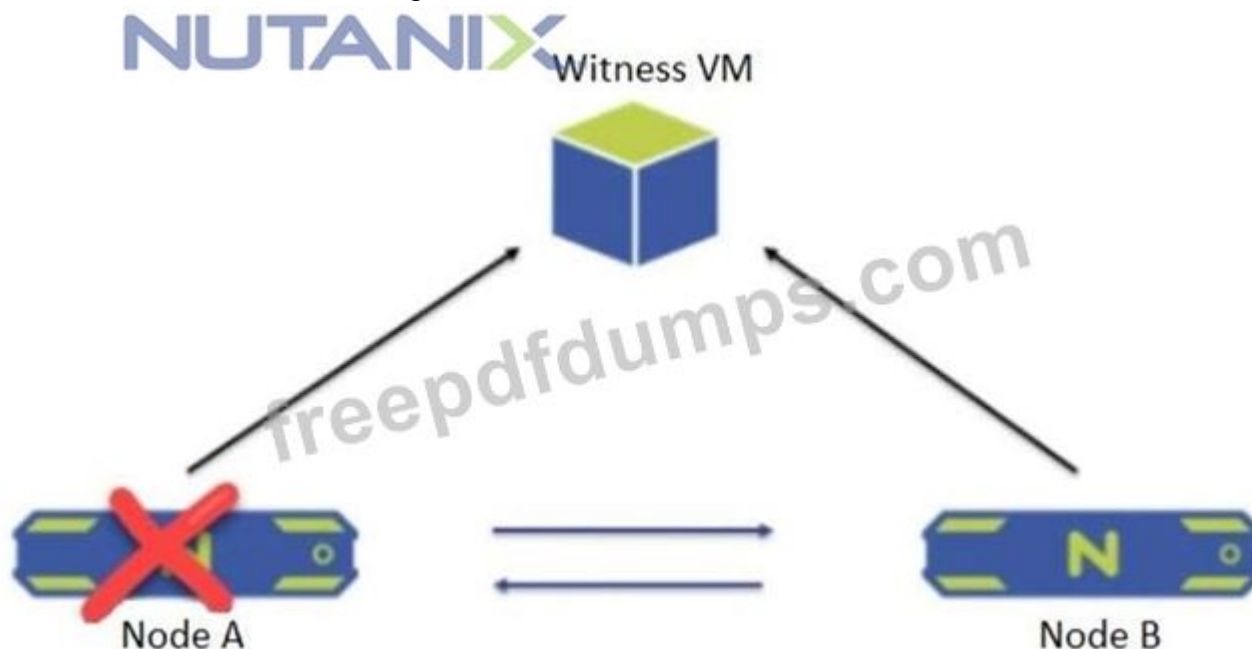
1 - Select Prism Central.

2 - Select user login.

3 - On left select upgrade Prism Central.

NEW QUESTION: 69

A two-node ROBO cluster is configured with a witness VM.



What happens when Node A goes down?

A. Node B sends a leadership request to the Witness VM and goes into single-node mode.

B. The- cluster becomes unavailable and goes into read-only mode.

C. The cluster is unaffected and no administrator intervention is required.

D. All operations and services on the Node B are shut down and go into a waiting state.

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

NEW QUESTION: 70

An Administrator has been asked to deploy VMs using a specific image. The image has been configured with settings and applications that will be used by engineering to develop a new product by the company.

The image is not available on the desired cluster, but it is available in other cluster associated with Prism Central.

Why isn't the image available?

A. The image bandwidth policy has prevented the image upload.

- B. The cluster should be removed from all categories.
- C. The cluster has not been added to the correct category
- D. The image placement policy was configured with enforcement.

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

When a placement policy is enforced, images are only allowed to be deployed on clusters that are part of categories that are associated with the policy. If the desired cluster is not associated with the policy, then the image will not be available for deployment.

<https://next.nutanix.com/how-it-works-22/image-management-for-ahv-clusters-and-dealing-with-the-inactive-image-37300>

NEW QUESTION: 71

In Nutanix clusters, which feature ensures VMs can be migrated and restarted on another host in case of failure?

- A. Host Affinity Rules
- B. Availability Zone
- C. High Availability
- D. Protection Domain

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

NEW QUESTION: 72

How should an administrator configure a custom alert for a specific VM in Prism?

- A. Modify an existing alert to only alert on the specific VM.
- B. Modify VM settings to add the custom alert.
- C. Modify the alerts to add a new custom alert policy.
- D. Modify node settings to add the custom alert.

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

Explanation

<https://portal.nutanix.com/page/documents/details/?targetId=Prism-Central-Guide-Prism-v510:mul-alert-policies>

NEW QUESTION: 73

A VM in a 12-node Nutanix cluster is hosting an application that has specific Physical GPU requirements. Only three nodes in the cluster meet this requirement.

The administrator wants to allow a general workload to be distributed across all nodes in the cluster and must make sure that the node hosting the VM meets its requirements.

How should the administrator perform this task?

- A. Create a separate three-node cluster using the nodes that meet the requirement.
- B. Configure VM-Host affinity for the nodes that meet the application's GPU requirement.
- C. Over-Provision the application VM with additional virtual GPUs.
- D. Configure anti-affinity rules between the application VM and the other VMs running on the cluster.

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

Configure VM-Host affinity for the nodes that meet the application's GPU requirement. This is because VM-Host affinity allows the administrator to specify which nodes a VM can run on or must not run on¹. By creating a VM-Host affinity rule that binds the application VM to the three nodes that have the physical GPU, the administrator can ensure that the VM will always run on a node

that meets its requirement, regardless of any HA or migration events. This also allows the other nodes in the cluster to host other VMs without any restrictions.

NEW QUESTION: 74

An administrator needs to shut down an AHV cluster to relocate hardware. The administrator upgrades NCC and runs health checks. Which steps should the administrator perform next?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements.

Procedure	Step
Shut down CVMs	▼ Step 1 Step 2 Step 3 Step 4
Shut down Nodes	▼ Step 1 Step 2 Step 3 Step 4
Shut down Guest VMs	▼ Step 1 Step 2 Step 3 Step 4
Stop the Cluster	▼ Step 1 Step 2 Step 3 Step 4

Answer:

Procedure

Step

Shut down CVMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Nodes

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Guest VMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Stop the Cluster

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Stop the Cluster

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Reference:
<https://next.nutanix.com/how-it-works-22/scheduled-power-outage-relocating-cluster-hardware-if-you-need-to-shut-down-all-the-nodes-in-your-ahv-cluster-here-s-how-37326>

NEW QUESTION: 75

An administrator wants to receive an environment summary report when a host failure occurs.

Which action would address the administrator's need?

- A. Enable App Discovery
- B. Edit report schedule
- C. Configure an alert policy
- D. Create a playbook

Answer: (SHOW ANSWER)

Explanation

An alert policy can be configured to send out an environment summary report when a host failure occurs. This can be done by creating a policy that triggers an alert whenever a host fails and then configuring the policy to send out a report that provides a summary of the environment in which the failure occurred. This will allow the administrator to quickly get a view of the environment after a failure occurs, allowing them to take the necessary steps to address the issue.

NEW QUESTION: 76

An administrator is configuring cross-hypervisor DR from an ESXi cluster to a new AHV cluster. When the administrator migrates a protection domain to the AHV cluster, the VMs fail to boot.

What should the administrator do to correct this problem?

- A. Add all VMs into a single consistency group.
- B. Uninstall VMware Tools from the VMs.
- C. Increase the snapshot frequency to more than 6 hours.
- D. Install Nutanix Guest Tools in the protected VMs.

Answer: D (LEAVE A REPLY)

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 77

Which baseline is used to identify a Zombie VM?

- A. VM has no logins for the past 21 days
- B. Memory usage is less than 1% and memory swap rate is equal to 0 Kbps for the past 21 days. VM has no logins for the past 21 days
- C. VM is powered off for the past 21 days.
- D. Fewer than 30 I/Os and less than 1000 bytes per day of network traffic for the past 21 days

Answer: D (LEAVE A REPLY)

NEW QUESTION: 78

What is the function of the virbr0 bridge on AHV?

- A. To carry all traffic between the user VMs and the upstream network.
- B. To carry management and storage communication between user VMs and the CVM.
- C. To carry management and storage communication between user VMs and AHV host.
- D. To carry storage communication between the guest VMs and the CVM

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

Explanation

<http://www.vstellar.com/2019/01/10/ahv-networking-part-1>

-basics/#:~:text=AHV%20Network%20Architecture&text=virbr0%20is%20an%20internal%20switch,virbr0)%2

NEW QUESTION: 79

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. Reduce the number of vCPUs assigned to VMs.
- B. Replace high core count CPUs with high clock rate CPUs.
- C. Reduce the number of VMs on the hosts.
- D. Add more memory to the VMs.

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

NEW QUESTION: 80

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

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

According to the web search results, three storage optimizations that should be set on a dedicated storage container for a VDI solution with persistent desktops are compression, deduplication and erasure coding. Compression is a technique that reduces the size of data by removing redundant information. Deduplication is a technique that eliminates duplicate copies of data blocks and stores only unique blocks. Erasure coding is a technique that increases usable capacity by reducing the replication factor of data blocks and using parity information instead⁷. These three optimizations can improve performance and save storage space for VDI workloads, especially during a node failure event when data needs to be rebuilt from parity information⁸. The administrator can enable these optimizations by using Prism Element web console or ncli command-line interface⁹.

NEW QUESTION: 81

A Nutanix cluster is equipped with four nodes. Four VMs on this cluster have been configured with a VM-VM anti-affinity policy and are each being hosted by a different node.

What occurs to the cluster and these VMs during an AHV upgrade?

- A. One node hosts two VMs while the node being upgraded is in maintenance mode.
- B. One VM out of the four powers down when the node hosting it reboots.
- C. The AHV pre-upgrade checks fail until the administrator disables the anti-affinity policy.
- D. The AHV pre-upgrade checks fail until the four VMs are powered off.

Answer: (SHOW ANSWER)

One node hosts two VMs while the node being upgraded is in maintenance mode. This is because Nutanix supports a feature called Rolling Upgrade that allows upgrading AHV on a cluster without any downtime or impact to the VMs. The Rolling Upgrade feature performs the upgrade one node at a time, by putting the node in maintenance mode, evacuating the VMs to other nodes, upgrading AHV, and then bringing the node back online. The VM-VM anti-affinity policy ensures that the four VMs are not placed on the same node during the evacuation process, so one node will host two VMs temporarily while the other node is being upgraded.

NEW QUESTION: 82

An administrator recently added new SSDs to a Nutanix cluster and knows the firmware will be out of date. Due to security constraints, the cluster does not have access to the Internet.

Which two steps must be completed to update the firmware? (Choose two.)

- A. Download the disk firmware from the OEM's website.
- B. Download a darksite bundle and deploy an internal webserver,
- C. Select Upgrade Software, then upload the firmware bundle.
- D. update the LCM Source and URL to access the firmware bundle.

Answer: B,C (LEAVE A REPLY)

Download a dark site bundle and deploy an internal web server123.

Select Upgrade Software, then upload the firmware bundle using the Direct Upload option in LCM1.

NEW QUESTION: 83

Refer to the exhibit.



The Linux Admin role has been created to manage only Linux VMs in the environment. However, the Admin1 user does not have access to all Linux VMs.

What step should be taken to grant the proper access?

- A. Grant the admin1 user the viewer role (or the cluster).
- B. Add the hosts to the entities KM for the role.

- C. Add the role to the Linux images.
- D. Add the proper category to each Linux VM.

Answer: (SHOW ANSWER)

NEW QUESTION: 84

An administrator manages a cluster and notices several failed components shown in the exhibit.

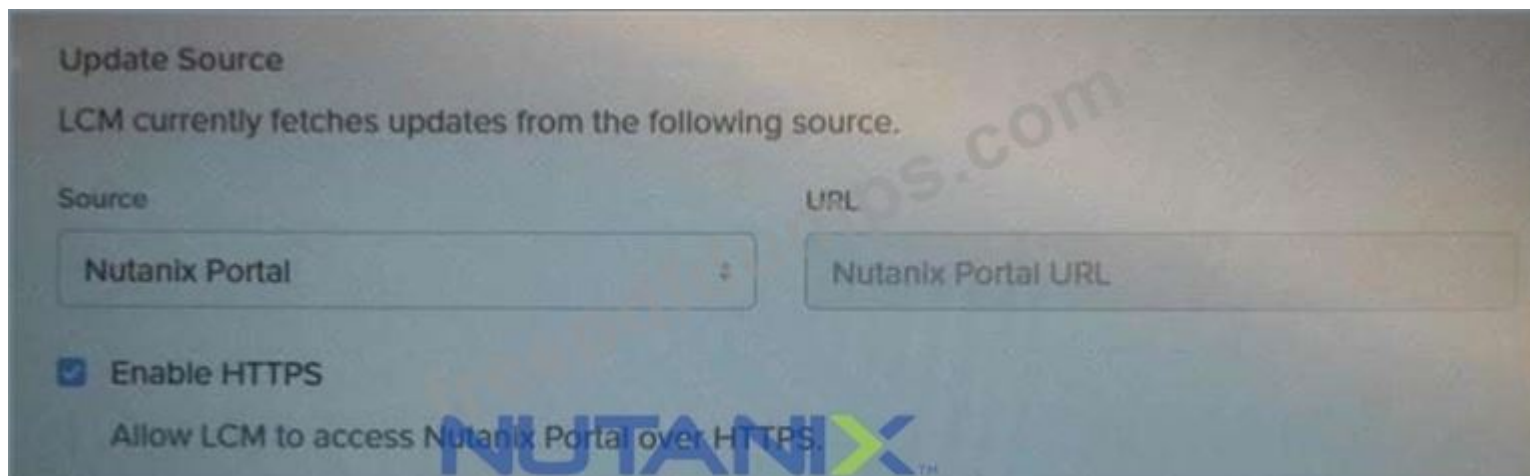


What two options does the administrator have to run all NCC checks manually? (Choose two.)

- A. Using the action action drop-down menu in the Health dashboard of Prism Central
- B. Running `noc health_checks run_all` on the PC VM
- C. Using the Actions drop-down menu in the Health dashboard of Prism Element.
- D. Running `ncc health_checks run-all` on the CVM

Answer: C,D (LEAVE A REPLY)

NEW QUESTION: 85



The Update Source for LCM has been configured as shown in the exhibit. Inventory is failing consistently.

What is the likely cause of this issue?

- A. The license assigned to the cluster has expired.
- B. Port 433 is blocked by a firewall.
- C. The administrator does not have a valid portal account.
- D. Port 80 is blocked by a firewall.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 86

A vDisk is read by multiple VMs. The cluster creates immutable copies of the vDisk. What are these vDisk copies called?

- A. Disk Clones
- B. Golden Images
- C. Volume Groups
- D. Shadow Clones

Answer: ([SHOW ANSWER](#))

According to the Nutanix Support & Insights web search result³, shadow clones are vDisk copies that are created by the cluster when a vDisk is read by multiple VMs. Shadow clones are immutable copies of a vDisk that are stored in different nodes in the cluster, and are used to improve read performance and reduce network traffic. Shadow clones are automatically created and deleted by the cluster, based on the demand and availability of resources.

NEW QUESTION: 87

After configuring modules for a Remote Syslog Server, the settings are as shown. The administrator notices that even though the level parameter is set to EMERGENCY, that all monitor logs are being sent.

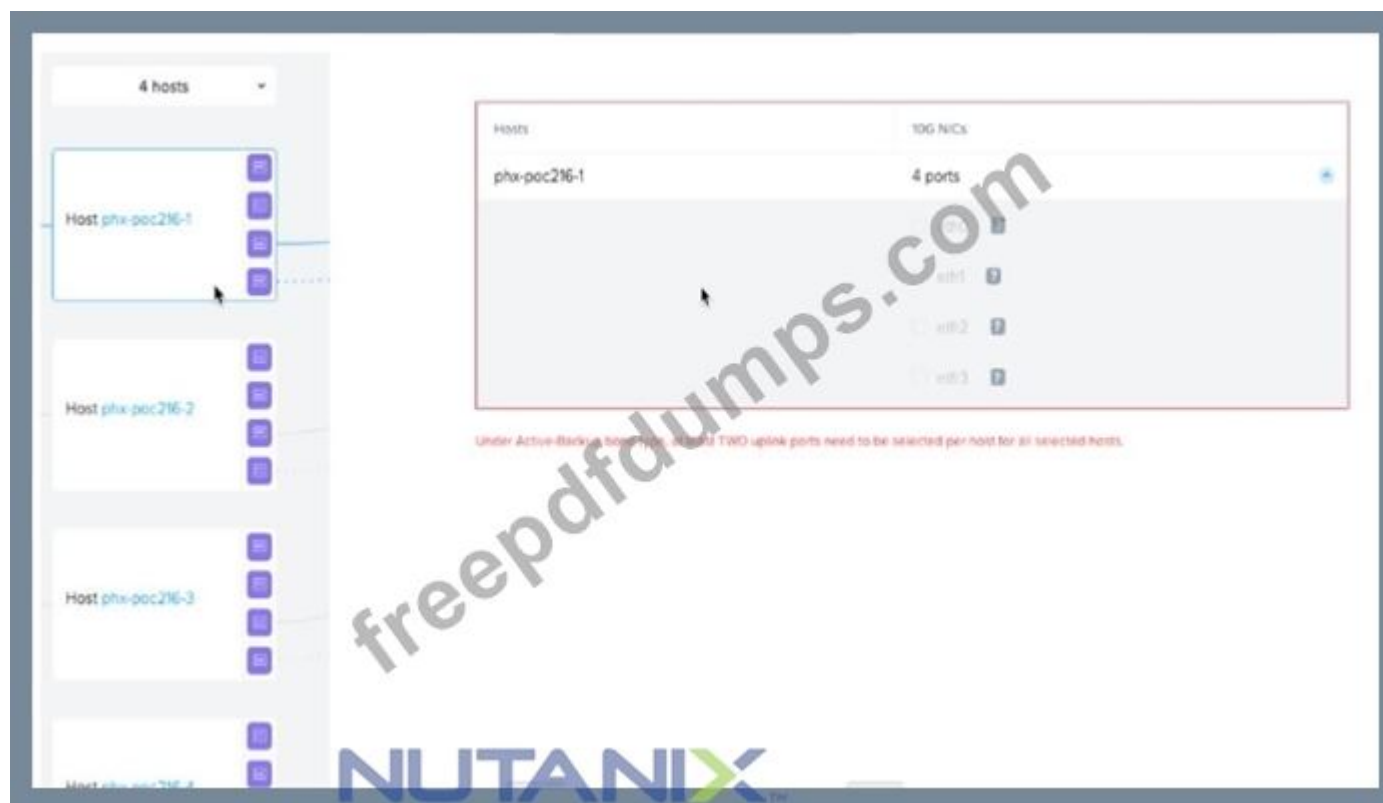
What is the likely cause of this issue?

- A. The true setting for Include Monitor Logs sends all monitor logs regardless of the level.
- B. Having the Module Name set to STARGATE sends all monitor logs regardless of the level.
- C. A second rsyslog server is configured to send all monitor logs.
- D. A Log Level of EMERGENCY includes all monitor logs.

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

NEW QUESTION: 88

Refer to Exhibit:



An administrator is attempting to create an additional virtual switch on a newly deployed AHV cluster, using the two currently disconnected interfaces. The administrator is unable to select the disconnected interfaces when creating the virtual switch.

What is the likely cause of this issue?

- A. Only one interface is available on the selected hosts.
- B. Interfaces must be connected to the network before they can be assigned.
- C. The disconnected interfaces are currently assigned to virtual switch 0,
- D. Interfaces must be assigned to virtual switches via the cli

Answer: C (LEAVE A REPLY)

when you create a new virtual switch on AHV, you need to select one or more uplink interfaces that are connected to a physical network. You cannot select an interface that is already assigned to another virtual switch. By default, AHV creates a virtual switch called br0 that uses all available interfaces on the host2. Therefore, if you want to use some of those interfaces for another virtual switch, you need to remove them from br0 first.

<https://masteringnutanix.com/2020/06/13/how-to-create-an-ahv-virtual-switch-with-single-uplink/>

NEW QUESTION: 89

The Stargate service becomes unavailable on a single CVM on an AHV node. What is used to maintain I/O operations in the cluster?

- A. Route injection
- B. iSCSI redirector
- C. Hypervisor HA
- D. ha.py

Answer: A (LEAVE A REPLY)

According to the Nutanix Support & Insights web search result1, route injection is used to maintain I/O operations in the cluster when the Stargate service becomes unavailable on a single CVM on an AHV node. Route injection is a mechanism that allows the CVMs to

communicate with each other and redirect the I/O requests to another healthy CVM in the cluster. Route injection uses the Linux kernel routing table to add or delete routes dynamically, based on the availability of the Stargate service on each CVM.

NEW QUESTION: 90

Which AOS process determine if an I/O from a user will be written to OpLog or to an Extent Store?

- A. Zeus
- B. Cassandra
- C. Curtor
- D. Stargate

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

NEW QUESTION: 91

Refer to Exhibit:



Why has an anomaly been triggered?

- A. Because the CPU usage crossed the blue band.
- B. Because the blue band range increased over the last 2 days
- C. Because the CPU usage dropped below 20%
- D. Because the CPU usage reached 100%

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

Nutanix leverages a method for determining the bands called 'Generalized Extreme Studentized Deviate Test'. A simple way to think about this is similar to a confidence interval where the values are between the lower and upper limits established by the algorithm. Another web source³ shows an example of how anomaly detection works in Nutanix Prism Central. In the video, you can see that when the observed value of a metric deviates significantly from the predicted value based on historical data, an anomaly event is triggered and displayed on a chart.

Therefore, by comparing the observed values with the predicted values based on historical data, Nutanix anomaly detection can identify abnormal behavior and alert you accordingly.

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 92

Refer to the exhibit.



The Linux Admin role has been created to manage only Linux VMs in the environment. However, the Admin1 user does not have access to all Linux VMs.

What step should be taken to grant the proper access?

- A. Grant the admin1 user the viewer role (or the cluster).
- B. Add the hosts to the entities KM for the role.
- C. Add the role to the Linux images.
- D. Add the proper category to each Linux VM.

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

NEW QUESTION: 93

Refer to the exhibit.

Date	Time	Status	Details	Configuration	Duration
2024-10-25	10:00:00	Failed	Host Password Policy	Host Password Policy	0.0001s
2024-10-25	10:00:00	Failed	CVM Password Policy	CVM Password Policy	0.0001s
2024-10-25	10:00:00	Failed	NTP Configuration	NTP Configuration	0.0001s
2024-10-25	10:00:00	Failed	Cluster Time Skew	Cluster Time Skew	0.0001s

Which two initial cluster configuration tasks were missed during the deployment process? (Choose two.)

- A. Host password changes
- B. Password policy changes
- C. BIOS password changes
- D. CVM password changes

Answer: A,D (LEAVE A REPLY)

According to the image description, the exhibit shows a screenshot of a computer screen with a table of data. The table has 6 columns and 4 rows. The columns are labeled "Date", "Time", "Status", "Details", "Configuration", and "Duration". The rows contain information about different configurations and their statuses. The background is a light blue color. There is a pop-up message on the bottom right corner of the screen that reads "This question has been answered. Click here to enable the edit button." Based on the table data, it seems that the screenshot is taken from the Prism Central web console, showing the results of a cluster health check report. The report shows that there are four failed checks: Host Password Policy, CVM Password Policy, NTP Configuration, and Cluster Time Skew2. These checks indicate that some initial cluster configuration tasks were missed during the deployment process. The Host Password Policy check verifies that the host passwords are not set to default values and are compliant with the password policy defined in Prism Central3. The CVM Password Policy check verifies that the CVM passwords are not set to default values and are compliant with the password policy defined in Prism Central4. These checks are important for ensuring the security and compliance of the cluster. Therefore, changing the host and CVM passwords from their default values and following the password policy guidelines are two initial cluster configuration tasks that were missed.

NEW QUESTION: 94

A user running a Computer Aided Design (CAD) application is complaining about slow response time within the VM, particular when moving windows or rendering images.

Which VM metric will guide the administrator toward diagnosing the problem?

- A. Storage Controller Latency
- B. GPU Usage
- C. Swap in Rate
- D. Hypervisor Memory Usage (%)

Answer: (SHOW ANSWER)

A GPU (graphics processing unit) is a specialized hardware device that can accelerate graphics rendering and computation for applications that use APIs such as DirectX, OpenGL, CUDA, and OpenCL. A GPU can also offload the CPU from encoding and decoding tasks for remote display protocols such as Frame Remote Desktop Protocol (FRP). A VM can use a GPU either by directly accessing a physical GPU (pGPU) on the host or by using a virtual GPU (vGPU) that shares a pGPU with other VMs. A user running a computer aided design (CAD) application may benefit from using a GPU or a vGPU to improve the performance and responsiveness of the application, especially when moving windows or rendering images. However, if the GPU or vGPU is not properly configured or provisioned, the user may experience slow response time within the VM. Therefore, to diagnose the problem, the administrator should monitor the GPU Usage metric for the VM. The GPU Usage metric shows the percentage of GPU resources that are consumed by the VM over time³. The administrator can use Prism Central to view the GPU Usage metric for each VM in a chart or a widget⁴. The administrator can also use Prism Central to view other metrics related to GPU performance, such as GPU Memory Usage, GPU Encoder Usage, and GPU Decoder Usage³. By analyzing these metrics, the administrator can determine if the VM is using the GPU efficiently and optimally, or if it needs more or less GPU resources.

NEW QUESTION: 95

How should an administrator enable secure access to Volumes using a password?

- A. iSER
- B. CHAP
- C. SAML
- D. LDAP

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

Explanation

<https://portal.nutanix.com/page/documents/details/?targetId=Web-Console-Guide-Prism-v50:wc-block-services-> Provision storage on the Nutanix cluster by creating a volume group. Create a client whitelist to enable access to the volume group by using the IP addresses or client initiator IQNs in a whitelist (as part of the volume group configuration). Create a secret for the volume group if you are using CHAP authentication.

NEW QUESTION: 96

A customer wants to isolate a group of VMs within their Nutanix environment for security reasons. The customer creates a VM with two NICs to act as a firewall and installs the appropriate software and certificates.

However, no one from the outside can access the application.

What is the likely cause of this problem?

- A. One of the NICs needs to be configured on the internal VLAN
- B. A shared volume group must be used by all isolated VMs
- C. Wireshark is installed on the NAT VM
- D. More than one NIC cannot be added to a VM

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

NEW QUESTION: 97

An administrator has been tasked with increasing security on Nutanix cluster by disabling password authentication when accessing the CVM and AHV hosts and instead moving to key-based SSH, What is the easiest way for the administrator to meet these needs?

- A. Configure LDAP authentication through a secure server,

- B. Enable STIES via command line on SSH to CVM.
- C. Enable Cluster Lockdown and provide an RSA key.
- D. Restrict access with User Management in Prism.

Answer: (SHOW ANSWER)

"An administrator has been tasked with increasing security on Nutanix cluster by disabling password authentication when accessing the CVM and AHV hosts and instead moving to key-based SSH, What is the easiest way for the administrator to meet these needs? Enable Cluster Lockdown and provide an RSA key." Cluster Lockdown mode disables password authentication when accessing the CVM and AHV hosts and instead requires key-based SSH. To enable Cluster Lockdown mode, you need to provide an RSA key.

Therefore, by enabling Cluster Lockdown mode and providing an RSA key, you can increase security on Nutanix cluster by disabling password authentication when accessing the CVM and AHV hosts and instead moving to key-based SSH with minimal effort.

<https://next.nutanix.com/how-it-works-22/streamlined-login-and-increase-security-key-based-ssh-login-37397>

NEW QUESTION: 98

An administrator needs to run a mixed Exchange and SQL workload with a guaranteed amount of container space for each application.

How should the administrator meet this requirement?

- A. Create two containers and reserve space for vDisks
- B. Create two containers and reserve space for containers
- C. Create one container and enable compression
- D. Create one container and set capacity reservation

Answer: A (LEAVE A REPLY)

NEW QUESTION: 99

When configuring a syslog server in Prism Central, what two pieces of information are required? (Choose two.)

- A. Encryption secret
- B. HTTPS URL
- C. Transport protocol
- D. IP address/port

Answer: (SHOW ANSWER)

NEW QUESTION: 100

Which component is supported by Prism Central storage policies?

- A. Storage Containers
- B. Volume Groups
- C. Virtual Machines
- D. VM Templates

Answer: B (LEAVE A REPLY)

NEW QUESTION: 101

An administrator is adding a node with a higher AOS release to an existing cluster.

What is the most efficient action an administrator should take to ensure it is in a supported state?

- A. Add the node to the cluster and reboot all running VMs to use new release
- B. Add the node to the cluster and leave the existing AOS version in place
- C. Destroy cluster and foundation with the new node in place
- D. Perform standalone reimage of the new node and then add to cluster

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

NEW QUESTION: 102

An administrator has been notified by a user that a Microsoft SQL Server instance is not performing well.

When reviewing the utilization metrics, the following concerns are noted:

Memory consumption has been above 95% for several months

Memory consumption has been spiking to 100% for the last five days

Storage latency is 2ms.

When logging into Prism Central, how could the administrator quickly verify if this VM has performance bottlenecks?

- A. See Capacity Runway.
- B. Filter VM by Efficiency.
- C. Update Capacity Configurations.
- D. Perform Entity Sync

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

This will allow the administrator to quickly identify VMs that are overprovisioned or underutilized based on their performance metrics.

https://www.nutanix.com/support-services/training-certification/certifications/certification-details-nutanix-certified-professional-multicloud-infrastructure-6_5

NEW QUESTION: 103

Async DR is configured between two sites. A network outage occurs at the primary site.

Which steps must the administrator perform to bring the VMs back into service at the backup site?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements. Not all procedures are valid. Identify any invalid procedures using the drop-down option.

Procedure	Step
Log into Prism Element at the backup site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Reboot VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Go to the Async DR tab	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Log into Prism Element at the primary Site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Select the Protection Domain and click Activate	Select Invalid Step Step 1 Step 2 Step 3 Step 4
 Power on VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4

Answer:

Procedure	Step
Log into Prism Element at the backup site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Reboot VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Go to the Async DR tab	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Log into Prism Element at the primary Site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Select the Protection Domain and click Activate	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Power on VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4

NEW QUESTION: 104

Where are Leap Availability Zones configured?

A. Cloud Connect

- B. Controller VM
- C. Prism Element
- D. Prism Central

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

Explanation

Terminology

* Availability Zone - it is represented by all resources (Nutanix Clusters) connected to Prism Central or Xi Leap Availability zone.

Depends on the architecture, Availability zone can represent geographic territory, datacenter or server room in the datacenter.

Protection policies - in protection policies you set up (RPO, Retention), rules to auto-apply policies to virtual machines

<https://vmwaremine.com/2019/02/08/nutanix-leap-runbooks-part-1/#sthash.VwrzSzhQ.dpbs>

NEW QUESTION: 105

Async DR is configured between two sites. A network outage occurs at the primary site.

Which steps must the administrator perform to bring the VMs back into service at the backup site?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements. Not all procedures are valid. Identify any invalid procedures using the drop-down option.

Procedure	Step
Log into Prism Element at the backup site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Reboot VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Go to the Async DR tab	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Log into Prism Element at the primary Site	Select Invalid Step Step 1 Step 2 Step 3 Step 4
Select the Protection Domain and click Activate	Select Invalid Step Step 1 Step 2 Step 3 Step 4
 Power on VMs	Select Invalid Step Step 1 Step 2 Step 3 Step 4

Answer:

Procedure	Step	
Log into Prism Element at the backup site	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Reboot VMs	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Go to the Async DR tab	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Log into Prism Element at the primary Site	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Select the Protection Domain and click Activate	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4
Power on VMs	Select	Invalid Step
		Step 1
		Step 2
		Step 3
		Step 4

NEW QUESTION: 106

Which Nutanix service control ncli, the HTML5 UI, and Rest API?

- A. Prism
- B. Cassandra
- C. Zookeeper
- D. Chronos

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

Prism is the central service control used by Nutanix to manage the clusters. It provides a unified view of the entire system, and it is used to control the HTML5 UI, the nCLI, and the REST API. Prism is used to manage the resources of the system, such as the nodes, storage, and networks, as well as to monitor the performance of the system and the applications running on it.

<https://www.nutanixbible.com/2f-book-of-basics-cluster-components.html>

Prism

Key Role: UI and API

- * Prism is the management gateway for components and administrators to configure and monitor the Nutanix cluster. This includes Ncli, the HTML5 UI, and REST API.
- * Prism runs on every node in the cluster and uses an elected leader like all components in the cluster. All requests are forwarded to the leader using Linux Iptables. This allows access to PRISM using any CVM Ip address.
- * Prism communicates with Zeus for cluster configuration data and Cassandra for statistics to present to the user. It also communicates with the ESXi hosts for VM status and related information These are only some of the essential services that make up the CVM functionality. For more information on all the services and various Nutanix Cluster components, refer to the portal documentation.

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

NEW QUESTION: 107

Where should an administrator unregister Prism Element from Prism Central?

- A. From a Host SSH session
- B. From a CVM SSH session
- C. From the Prism Central web console
- D. From the Prism Element web console

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

NEW QUESTION: 108

An administrator has an AHV cluster that is comprised of 4 nodes with the following configuration in each node:

CPU:2 each 2.4GHz, 12 core

Memory: 256GB

Disk: 6 each 1.92 SSD

A VM with 16 vCPUs and 96GB of RAM is being created on the cluster.

How should the administrator configure the VM to assure optimal performance?

- A. With an affinity policy
- B. With memory overcommit
- C. With 2 vNUMA nodes
- D. With Flash Mode enabled

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

Explanation

The best way to configure the VM for optimal performance is to set it up with 2 vNUMA nodes. This will ensure that the VM is configured to take advantage of the CPU and memory resources available in each node, and it will also ensure that all of the cores are utilized for the best performance. Additionally, the administrator should ensure that the VM has an affinity policy set up so that the vCPUs are evenly distributed across the four nodes. Finally, Flash Mode should be enabled in order to take advantage of the high-performance SSDs that are available in the cluster

NEW QUESTION: 109

Which command should an administrator run from the CLI to view the uplink state of all AHV nodes in the cluster?

- A. allssh show_uplinks
- B. manage_ovs show_uplinks
- C. allssh manage_ovs show_uplinks
- D. manage ovs show uplinks

Answer: (SHOW ANSWER)

According to section 4 of the exam blueprint guide¹, one of the topics covered is AHV networking components and configuration settings. One of these components is Open vSwitch (OVS), which is a software switch that provides network connectivity between VMs and physical networks. OVS has two types of ports:

Uplink ports: These are physical ports that connect to external networks or switches.

Internal ports: These are virtual ports that connect to VMs or other internal networks.

To view the uplink state of all AHV nodes in the cluster, an administrator can use the manage_ovs command with the show_uplinks option. This command displays information such as port name, link state, speed, duplex mode, MTU size, bond mode, and bond status. However, this command only works on a single node. To run the command on all nodes in the cluster, an administrator can use the allssh command, which executes a command on all CVMs in parallel. Therefore, the correct command is:

allssh manage_ovs show_uplinks

Valid NCP-MCI-6.5 Dumps shared by Actual4test.com for Helping Passing NCP-MCI-6.5 Exam! Actual4test.com now offer the **newest NCP-MCI-6.5 exam dumps**, the Actual4test.com NCP-MCI-6.5 exam **questions have been updated** and **answers have been corrected** get the **newest** Actual4test.com NCP-MCI-6.5 dumps with Test Engine here: https://www.actual4test.com/NCP-MCI-6.5_examcollection.html (180 Q&As Dumps, **30%OFF** Special Discount: **Freepdfdumps**)

