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1. Refer to the exhibit.

2. Which expected operations during node addition when the new node has a different AOS version?

- The entire cluster is upgraded to the latest one-click release.
- The node is added and a separate upgrade operation must be performed.**
- The addition fails and forces the administrator to image using standalone Foundation.

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Knowledge is a great impetus for the progress of human civilization. In the century today, we have to admit that unemployment is getting worse. Many jobs have been replaced by intelligent robots, so you have to learn practical knowledge, such as our Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI v6.10) exam dumps, it can meet the needs of users. With the help of our NCP-MCI-6.10 test material, users will learn the knowledge necessary to obtain the Nutanix certificate and be competitive in the job market and gain a firm foothold in the workplace. Our NCP-MCI-6.10 Quiz guide' reputation for compiling has created a sound base for our beautiful future business. We are clearly concentrated on the international high-end market, thereby committing our resources to the specific product requirements of this key market sector, as long as cater to all the users who wants to get the test Nutanix certification.

Nutanix NCP-MCI-6.10 Exam Syllabus Topics:

Topic	Details

Topic 1	<ul style="list-style-type: none"> • Manage VMs within a Nutanix Multicloud Environment: This section of the exam measures the skills of Cloud Administrators and Virtualization Engineers and covers managing virtual machines (VMs) within a Nutanix multicloud environment. It includes creating and updating VMs by determining hardware requirements, boot modes, sizing, and configuration based on application needs. Candidates must understand how to deploy VMs using templates, snapshots, and image configurations, ensuring the correct formats for importing and exporting VMs. Migration processes require knowledge of prerequisites, storage, network settings, and software compatibility. Additionally, configuring VM categories and attributes is essential for proper organization and management within the environment, ensuring alignment with labels, storage policies, and security settings.
Topic 2	<ul style="list-style-type: none"> • Configure Disaster Recovery and Data Protection within a Nutanix Multicloud Environment: This section of the exam measures the skills of Disaster Recovery Specialists and Cloud Engineers and covers configuring protection policies and domains for data security and recovery. Candidates need to identify the right entities for protection, schedule backups, define retention policies, and set up replication to remote sites. Recovery plans must be configured and executed with proper scripting, network mapping, and failover strategies. Metro replication requires understanding failover methodologies, comparing solutions on different hypervisors, and preventing split-brain scenarios. Effective disaster recovery planning ensures minimal downtime and data integrity across environments.
Topic 3	<ul style="list-style-type: none"> • Troubleshoot a Nutanix Multicloud Environment: This section of the exam measures the skills of Technical Support Engineers and IT Operations Specialists and covers diagnosing and resolving common issues within a Nutanix multi-cloud environment. Troubleshooting protection policies and recovery plans requires identifying network mapping failures, vNIC issues, script execution problems, and connectivity failures. Metro replication troubleshooting involves addressing naming conventions, network limitations, and replication states. Security issues in AOS and Prism Central must be resolved by managing CVM communications, security warnings, and log analysis. LCM operations require diagnosing failures in inventory updates and version upgrades. Performance troubleshooting involves analyzing logs, reading performance charts, and adjusting VM configurations to meet performance needs.
Topic 4	<ul style="list-style-type: none"> • Manage Clusters within a Nutanix Multicloud Environment: This section of the exam measures the skills of Infrastructure Engineers and Systems Administrators and covers the administration of Nutanix clusters. Storage management includes creating, reading, updating, and deleting storage containers and volume groups. Configuring AOS and Prism Central settings involves authentication, SSL certificate management, IAM role-based access control, and configuring network segmentation. Network administration procedures focus on creating VLAN-backed subnets, virtual switches, and load-balancing policies while monitoring NIC usage. Lifecycle management includes performing hardware and software updates and maintaining firmware. Hardware maintenance involves adding or removing nodes and physical disks while ensuring proper upgrades and replacements. Intelligent operations require configuring capacity policies, discovering application relationships, and simulating scenarios to optimize performance.
Topic 5	<ul style="list-style-type: none"> • Conduct Custom Monitoring within a Nutanix Multicloud Environment: This section of the exam measures the skills of Cloud Analysts and Systems Engineers and covers custom monitoring for optimized performance management. Candidates must analyze performance charts, set retention policies, create custom service level agreements (SLAs), and manage storage based on policies. Creating reports involves identifying the required type, selecting generation frequency, determining retention properties, and customizing report formats for different monitoring needs. Effective monitoring ensures better resource utilization, system efficiency, and proactive issue resolution within the multi-cloud environment.

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Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI v6.10) Sample Questions (Q50-Q55):

NEW QUESTION # 50

An administrator needs to create a storage container named TestData with the following conditions:

- * Replication Factor (RF) = 1 (RF1)
- * Inline Compression enabled
- * Deduplication disabled
- * Maximum storage capacity = 100 GiB

How should the administrator complete this task?

- A. Log into Prism Central and create the storage container with a Reserved Capacity of 100 GiB.
- B. Log into Prism Element and create the storage container.
- C. Log into Prism Central and create the storage container.
- **D. Log into Prism Element and create the storage container with an Advertised Capacity of 100 GiB.**

Answer: D

Explanation:

When creating a storage container in Nutanix, the administrator must configure the correct capacity settings:

- * Option A (Prism Element with Advertised Capacity of 100 GiB) is correct:
- * Advertised Capacity defines logical limits for the container (i.e., how much space it reports as available).
- * Inline Compression can be enabled directly in Prism Element.
- * Option B (Create in Prism Element without Advertised Capacity) is incorrect:
- * Without specifying Advertised Capacity, the container may consume unlimited storage.
- * Option C (Create in Prism Central with Reserved Capacity) is incorrect:
- * Reserved Capacity applies to Quality of Service (QoS) policies, not storage limits.
- * Option D (Create in Prism Central without capacity limits) is incorrect:
- * Prism Central can manage storage but does not directly enforce RF 1 and compression policies.

References:

Nutanix Storage Management Guide #Creating and Managing Storage Containers Nutanix Bible #Replication Factor (RF) and Data Optimization Nutanix KB #Inline Compression Best Practices in Nutanix AOS

NEW QUESTION # 51

An administrator needs to optimize a VM's storage by leveraging compression features. The VM's vDisks are currently stored in a default storage container with no optimizations enabled.

How should the administrator proceed?

- **A. Migrate vDisks to the Production storage container.**
- B. Recreate the VM in the Production storage container and copy data.
- C. Migrate the VM to the Production storage container.
- D. Recreate the vDisk in the Production storage container and copy data.

Answer: A

Explanation:

Moving vDisks to a storage container with compression enabled ensures better data efficiency without downtime.

- * Option A (Migrate vDisks) is correct:
- * vDisk migration is non-disruptive and allows compression settings to be applied dynamically.
- * Option B (Recreate the VM) is incorrect:
- * Rebuilding the VM is unnecessary and would cause downtime.
- * Option C (Migrate the VM) is incorrect:
- * VM migration does not guarantee that only vDisks move, and it may disrupt performance.
- * Option D (Recreate vDisk) is incorrect:
- * This method is manual and time-consuming, while Nutanix provides an automated approach.

References:

* Nutanix Storage Optimization Guide #Enabling Compression on Existing vDisks
* Nutanix KB #Migrate vDisks Between Storage Containers for Optimization

NEW QUESTION # 52

What additional step is required for LCM to upgrade an AHV host that has GPUs?

- A. Run LCM in dark site mode so it can update AHV independently.
- **B. Use Direct Uploads to upload appropriate driver bundles.**
- C. Update NCC to the latest version and re-run Inventory.
- D. Create an agent VM on each host that has GPU drivers installed.

Answer: B

Explanation:

Nutanix Life Cycle Manager (LCM) relies on validated firmware and driver bundles for hardware components. For GPU-enabled hosts, LCM documentation states:

"GPU-enabled AHV hosts require GPU driver bundles to be uploaded manually via the Direct Uploads mechanism so that LCM can validate and upgrade the necessary GPU components during workflow execution." GPU drivers are vendor-specific and not always available in the standard catalog, so the administrator must upload them before LCM can orchestrate the upgrade.

Running in dark site mode does not provide missing GPU bundles. Creating agent VMs is unrelated to GPU driver operations.

Updating NCC improves validations but does not provide GPU support files.

Therefore, Direct Uploads of GPU driver bundles is required.

NEW QUESTION # 53

After adding new workloads, why is Overall Runway below 365 days and the scenario still shows the cluster is in good shape?

- A. Because new workloads are sustainable.
- B. There are recommended resources.
- C. Because the target is 1 month.
- **D. Because Storage Runway is still good.**

Answer: D

Explanation:

Nutanix Capacity Planning and Runway calculations analyze CPU, memory, and storage growth trends independently. The "Overall Runway" metric reflects the shortest runway across these three resources. The Capacity Planning documentation explains that "the scenario result may show the cluster in a healthy state if the most critical resource remains sufficiently available, even when the overall runway falls below longer-term thresholds." Storage is often the dominant factor in determining long-term viability. If the storage runway remains strong, the system may indicate that the environment is in good shape even though the overall runway appears shorter due to CPU or memory projections. Because the question refers to the scenario still indicating a good cluster state, the most accurate interpretation is that storage runway remains healthy, and thus the system does not consider the cluster at risk.

NEW QUESTION # 54

An administrator wants to disable password-based SSH access for the nutanix user on a CVM to improve security.

What action should the administrator take?

- A. Delete the nutanix user.
- B. Rename the nutanix user.
- **C. Enable Cluster Lockdown.**
- D. Block port 22 on the CVM firewall.

Answer: C

Explanation:

Enabling "Cluster Lockdown" in Nutanix is the best security measure to prevent password-based SSH logins.

* Option C (Enable Cluster Lockdown) is correct:

* Cluster Lockdown disables password-based SSH and requires key-based authentication.

* Option A (Rename the nutanix user) is incorrect:

* The Nutanix user is a system account and cannot be renamed.

* Option B (Block port 22) is incorrect:

* This would prevent all SSH connections, including key-based logins, making administration difficult.

