



Nutanix

Exam Questions NCP-MCI-6.10

Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI v6.10)

NEW QUESTION 1

Which two entities can be categorized? (Choose two.)

- A. Storage Containers
- B. Alerts
- C. Virtual Machines
- D. ISO Images

Answer: BC

Explanation:

In Nutanix Prism Central, categories allow administrators to group and organize entities for management, automation, and policy enforcement.

? Alerts (Option B) can be categorized to group similar system events and create filtering rules.

? Virtual Machines (Option C) can be categorized to apply security policies, automation tasks, and resource allocation rules.

? Option A (Storage Containers) cannot be categorized in Prism Central. Storage policies apply at the container level but are not managed via categories.

? Option D (ISO Images) cannot be categorized because ISOs are static objects, not active entities.

References:

? Nutanix Prism Central Guide Working with Categories

? Nutanix Bible Category-Based Management and Security Policies

? Nutanix KB Using Categories for VM Management in Prism Central

NEW QUESTION 2

After adding new workloads, the Overall Runway is now below 365 days, but the scenario still shows the cluster is in good shape. Why?

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

Answer: B

Explanation:

A cluster runway below 365 days does not necessarily indicate an issue if Intelligent Operations determines that workloads are sustainable.

? Option B (Because new workloads are sustainable) is correct:

? Option A (Storage Runway is still good) is incorrect:

? Option C (Recommended resources) is incorrect:

? Option D (Target is 1 month) is incorrect:

References:

? Nutanix Prism Central Guide Capacity Planning & Runway Analysis

? Nutanix KB Understanding Capacity Runway and Workload Sustainability

NEW QUESTION 3

The team leads of a development environment want to limit developer access to a specific set of VMs. What is the most efficient way to enable the team leads to directly manage these VMs?

- A. Create a role mapping for each team lead and assign appropriately.
- B. Create a vPC for each team lead and give them VPC Admin.
- C. Create a Project for each team lead and assign access.
- D. Create Security Policies to isolate users.

Answer: C

Explanation:

The most efficient way to allow team leads to manage a specific set of VMs is by creating a Project (Option C) in Prism Central and assigning the team leads to that Project.

? Nutanix Projects allow administrators to control VM access based on groups and permissions, ensuring that users only manage VMs assigned to their project.

? Option A (Role Mapping) applies more broadly to roles but does not restrict access to specific VM groups.

? Option B (VPC Admin) is related to network segmentation, not VM access control.

? Option D (Security Policies) are used for network and firewall rules, not VM access control.

References:

? Nutanix Prism Central Projects and Role-Based Access Control (RBAC)

? Nutanix Bible Multi-Tenancy and Project-Based Access Control

? Nutanix KB Setting Up Role-Based Access Control (RBAC) for Prism Central

NEW QUESTION 4

An administrator needs to ensure that a VM is powered on before the rest of the VMs when starting a host. Which configuration option allows this behavior?

- A. Recovery Plan
- B. Host Affinity
- C. High Availability
- D. Agent VM

Answer: C

Explanation:

High Availability (HA) in Nutanix provides priority-based VM restart capabilities to ensure that certain VMs are powered on before others in the event of a host reboot.

or failure.

- ? Option C (High Availability) is correct:
- ? Option A (Recovery Plan) is incorrect:
- ? Option B (Host Affinity) is incorrect:
- ? Option D (Agent VM) is incorrect:

References:

- ? Nutanix Prism Element Guide Configuring HA Reservation and VM Priority
- ? Nutanix Bible High Availability (HA) and VM Failover
- ? Nutanix KB VM Restart Priority in High Availability Configurations

NEW QUESTION 5

An administrator is trying to delete a protected snapshot but is unable to do so. What is the most likely cause?

- A. There is an active recovery occurring at that time.
- B. Ransomware has encrypted the snapshot.
- C. There is an approval policy that was denied.
- D. The snapshot has been corrupted.

Answer: A

Explanation:

Snapshots that are part of an active recovery operation cannot be deleted until the process is completed or manually canceled.

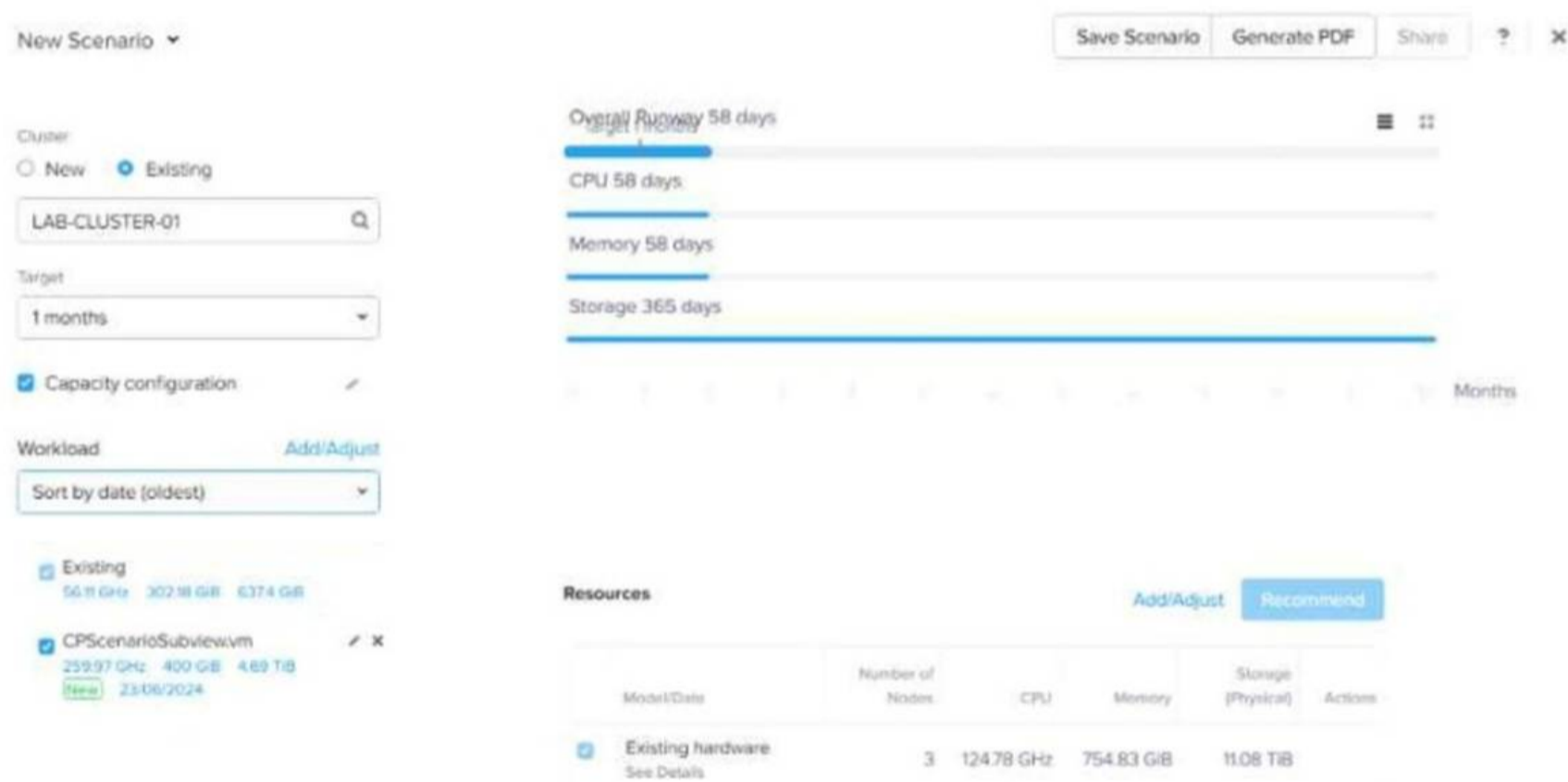
- ? Option A (Active recovery in progress) is correct:
- ? Option B (Ransomware encryption) is incorrect:
- ? Option C (Approval policy denial) is incorrect:
- ? Option D (Snapshot corruption) is incorrect:

References:

- ? Nutanix Protection Policies Snapshot Retention and Deletion
- ? Nutanix Bible Backup & Disaster Recovery Mechanisms
- ? Nutanix KB How to Delete a Snapshot Used in Recovery Plans

NEW QUESTION 6

Refer to Exhibit:



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

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

Answer: B

Explanation:

In Nutanix Capacity Planning, Overall Runway represents how long the cluster can support current and new workloads before resources are exhausted.

- ? Even if the runway is below 365 days, the system considers the cluster to be in good shape if new workloads are sustainable (Option B).
- ? Option A is incorrect: Storage runway alone is not the only factor; CPU and memory are equally important.
- ? Option C is incorrect: The presence of recommended resources does not mean the cluster is in good shape.
- ? Option D is incorrect: The target of 1 month affects projections but does not explain why the cluster is in good shape.

References:

- ? Nutanix Prism Central Capacity Runway and Planning
- ? Nutanix Bible Workload Placement and Cluster Sizing

? Nutanix Support KB Capacity Planning Best Practices

NEW QUESTION 7

What guest customization options are available when creating a VM template?

- A. Sysprep, Cloud-init, Custom Script, Guided Script
- B. Bash, Powershell
- C. Python, YAML
- D. None, guest customization is not supported in Nutanix templates.

Answer: A

Explanation:

Guest customization options allow administrators to automate OS configuration during VM deployment from a template.

? Option A (Sysprep, Cloud-init, Custom Script, Guided Script) is correct:

? Options B and C are incorrect:

? Option D is incorrect:

References:

? Nutanix VM Deployment Guide Using Cloud-Init and Sysprep for Guest Customization

? Nutanix KB Automating VM Deployments with Guest Customization

NEW QUESTION 8

An administrator is configuring Protection Policies to replicate VMs to a Nutanix Cloud Cluster (NC2) over the internet. To comply with security policies, how should data be protected during transmission?

- A. Configure Data on a self-encrypting drive.
- B. Configure VMs to use UEFI Secure Boot.
- C. Enable Data-at-Rest Encryption.
- D. Enable Data-in-Transit Encryption.

Answer: D

Explanation:

Data-in-Transit Encryption ensures that replication traffic is encrypted while being sent over the internet.

? Option D (Enable Data-in-Transit Encryption) is correct:

? Option A (Self-encrypting drive) is incorrect:

? Option B (UEFI Secure Boot) is incorrect:

? Option C (Data-at-Rest Encryption) is incorrect:

References:

? Nutanix Security Guide Configuring Data-in-Transit Encryption

? Nutanix KB Protecting Replication Traffic Over Public Networks

NEW QUESTION 9

An administrator needs to set up a protection policy in preparation for a Disaster Recovery (DR) test. What is the first step required to satisfy this task?

- A. Install NGT (Nutanix Guest Tools) on VMs where applications are supported.
- B. Create an Availability Zone between Production and DR.
- C. Convert the source cluster to AHV.
- D. Create a point-in-time snapshot of source VMs.

Answer: B

Explanation:

For Nutanix Disaster Recovery (DR) protection policies, the first step is to establish a connection between the Production cluster and the DR site, which is done by creating an Availability Zone (AZ) (Option B).

? Availability Zones (AZs) define remote sites for replication and are a requirement for configuring protection domains and disaster recovery plans.

? Option A (Installing NGT) is not necessary for setting up replication but is useful for application-consistent snapshots.

? Option C (Converting the source cluster to AHV) is not required, as Nutanix supports cross-hypervisor DR between ESXi and AHV.

? Option D (Creating a point-in-time snapshot) is a later step after setting up the Availability Zone and Protection Policy.

References:

? Nutanix Protection Policies and DR Documentation

? Nutanix Bible Disaster Recovery Planning

? Nutanix Support KB Configuring Availability Zones in Prism Central

NEW QUESTION 10

An administrator needs to enable Windows Defender Credential Guard to comply with company policy. The new VM configurations include:

- ? Legacy BIOS
- ? 4 vCPUs
- ? 8 GB RAM
- ? Windows Server 2019

What must be changed in order to properly enable Windows Defender Credential Guard?

- A. Update vCPU to 8.
- B. Enable UEFI with Secure Boot.
- C. Use Windows Server 2022.
- D. Update Memory to 16GB.

Answer: B

Explanation:

Windows Defender Credential Guard requires UEFI firmware and Secure Boot to function properly.

? Option B (Enable UEFI with Secure Boot) is correct:

? Option A (Update vCPU to 8) is incorrect:

? Option C (Use Windows Server 2022) is incorrect:

? Option D (Update Memory to 16GB) is incorrect:

References:

? Microsoft Docs Requirements for Windows Defender Credential Guard

? Nutanix AHV VM Management Guide Enabling Secure Boot & UEFI for Windows VMs

NEW QUESTION 10

After upgrading Prism Central from PC2022.1 to PC2024.1, an administrator is unable to log in with their IAM domain account.

What is the first troubleshooting step the administrator should take?

A. Ping the Domain Controller from the CVM.

B. Ensure port 9441 is open in the firewall.

C. Validate the trusted signing certificate of the organization.

D. Log in with a local admin account.

Answer: D

Explanation:

After a Prism Central upgrade, IAM authentication settings may require reconfiguration.

? Option D (Log in with a local admin account) is correct:

? Option A (Ping the Domain Controller) is incorrect:

? Option B (Check firewall port 9441) is incorrect:

? Option C (Validate signing certificate) is incorrect:

References:

? Nutanix KB Troubleshooting IAM Login Issues After a Prism Central Upgrade

? Nutanix Documentation Managing User Authentication and IAM Integration

NEW QUESTION 14

What feature allows receiving a weekly message about infrastructure performance summary?

A. Admin Center Life Cycle Manager

B. Prism Central Syslog

C. Infrastructure VMs List

D. Intelligent Operations Reports

Answer: D

Explanation:

Nutanix Intelligent Operations Reports (Option D) provide weekly summaries of cluster health, performance, and resource consumption.

? These reports include recommendations for optimization, alerts, and forecasted resource usage trends.

? Option A (Admin Center LCM) manages firmware and software upgrades but does not generate weekly performance reports.

? Option B (Prism Central Syslog) is used for logging and event tracking, not performance summaries.

? Option C (Infrastructure VMs List) provides a static list of VMs but does not generate periodic reports.

References:

? Nutanix Prism Central Intelligent Operations and Reports

? Nutanix Bible Automated Insights for Cluster Health Monitoring

? Nutanix KB Using Intelligent Operations Reports for Capacity Planning

NEW QUESTION 19

An administrator has been tasked with justifying why Nutanix Disaster Recovery was chosen for a multi-tier application spanning multiple business units.

What is the most efficient way to organize and manage the workloads?

A. Utilize a VM naming schema that allows sorting

B. Utilize Categories to organize VMs in Recovery Plans

C. Utilize a 1:10 ratio of Recovery Plan to VMs

D. Utilize RESTful APIs to script creation of Recovery Plans

Answer: B

Explanation:

Nutanix Categories allow administrators to group related VMs, making Disaster Recovery (DR) planning easier.

? Option B (Utilize Categories to organize VMs in Recovery Plans) is correct:

? Option A (Naming schema) is incorrect:

? Option C (1:10 Recovery Plan to VMs) is incorrect:

? Option D (RESTful APIs) is incorrect:

References:

? Nutanix Disaster Recovery Guide Using Categories for DR Management

? Nutanix KB Organizing VMs for Disaster Recovery Planning

NEW QUESTION 23

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. Rename thenutanix user.
- B. Blockport 22on the CVM firewall.
- C. EnableCluster Lockdown.
- D. Delete thenutanix user.

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:
- ? Option A (Rename the nutanix user) is incorrect:
- ? Option B (Block port 22) is incorrect:
- ? Option D (Delete the nutanix user) is incorrect:

References:

- ? Nutanix Security Guide Implementing Cluster Lockdown
- ? Nutanix KB Best Practices for SSH Security on CVMs

NEW QUESTION 28

An administrator needs to create asingle chartshowing multiplestorage bandwidth metricsa VM is consuming. Which type of chart should the administrator create?

- A. Metric Chart
- B. Entity Chart
- C. Hypervisor Performance Chart
- D. VM Summary Chart

Answer: B

Explanation:

Entity Charts in Nutanix Prism Central allow multiple metrics from a single entity (e.g., VM, storage container) to be displayed on a single graph.

- ? Option B (Entity Chart) is correct:
- ? Option A (Metric Chart) is incorrect:
- ? Option C (Hypervisor Performance Chart) is incorrect:
- ? Option D (VM Summary Chart) is incorrect:

References:

- ? Nutanix Prism Central GuideEntity vs. Metric Charts for Performance Analysis
- ? Nutanix KBCreating Custom Charts in Prism Central

NEW QUESTION 32

An administrator noticeshigh CPU usage on a VMand wants to determine whether adding more vCPUswould improve performance. Which two metrics should be analyzed to make this decision? (Choose two.)

- A. VM CPU Ready Time
- B. VM CPU Usage
- C. Host CPU Usage
- D. Host Memory Swap Out Rate

Answer: AB

Explanation:

When diagnosing CPU performance issues, CPU Ready Time and CPU Usage are the key indicators of whether more vCPUs are needed.

- ? Option A (VM CPU Ready Time) is correct:
- ? Option B (VM CPU Usage) is correct:
- ? Option C (Host CPU Usage) is incorrect:
- ? Option D (Host Memory Swap Out Rate) is incorrect:

References:

- ? Nutanix Prism Central GuideAnalyzing VM CPU Performance
- ? Nutanix KBUnderstanding CPU Ready Time and VM Performance

NEW QUESTION 34

Which storage attributes do Storage Policies manage?

- A. Storage Containers and Volume Groups
- B. Replication Factor and Encryption
- C. Shares and Object Stores
- D. Data Protection and Security

Answer: B

Explanation:

Storage Policies in Nutanix allow administrators to configuredata protection and performance settingsat thestorage container level.

- ? Replication Factor (RF)defines the number of copies of datastored across nodes for fault tolerance.
- ? Encryptionensures thatdata at rest is protectedvia Nutanix-native encryption methods.
- ? Option A (Storage Containers and Volume Groups)refers tostorage organization, not policies.
- ? Option C (Shares and Object Stores)applies tofile and object storage services, not VM storage policies.
- ? Option D (Data Protection and Security)is a broad term but does not definespecific policy attributes.

References:

- ? Nutanix Prism Element Storage Policies and Replication Factor (RF)
- ? Nutanix Bible Storage Fabric and Data Resiliency
- ? Nutanix KB Enabling Encryption in Storage Policies

NEW QUESTION 36

An administrator is configuring a replication schedule on multiple remote locations deployed using a single-node cluster. The goal is to achieve the lowest possible RPO (Recovery Point Objective). How should the administrator configure the replication schedule?

- A. Configure NearSync replication.
- B. Configure a schedule for 16 minutes up to 59 minutes.
- C. Configure Async replication.
- D. Configure a schedule for 1 minute up to 15 minutes.

Answer: D

Explanation:

Nutanix NearSync replication provides the lowest RPO (as low as 1 minute) and is the best option for minimizing data loss in DR scenarios.

? Option D (Configure a schedule for 1 minute up to 15 minutes) is correct:

? Option A (Configure NearSync) is incorrect:

? Option B (16 to 59 minutes) is incorrect:

? Option C (Async replication) is incorrect:

References:

? Nutanix Protection Policies Guide NearSync vs. Async Replication

? Nutanix Bible RPO and RTO in Disaster Recovery

? Nutanix KB Configuring NearSync Replication for Single-Node Clusters

NEW QUESTION 39

A consultant is configuring syslog monitoring and wants to receive CRITICAL logs from the Audit module.

Which severity level setting should be configured to get the desired output?

- A. 2
- B. 5
- C. 7

Answer: B

Explanation:

Syslog severity levels follow a standard numerical system, where lower numbers indicate higher severity.

? Option B (Severity Level 2) is correct:

Syslog Severity Level	Meaning
0	Emergency (System is unusable)
1	Alert (Action must be taken immediately)
2	Critical (Severe conditions, failures, or security issues)
3	Error (General errors, software failures)
4	Warning (Potential issues)
5	Notice (Normal but significant events)
6	Informational (General system messages)
7	Debug (Detailed debugging information)

? Options A (0), C (5), and D (7) are incorrect:

References:

? Nutanix Security Guide Syslog Integration and Severity Levels

? Nutanix KB Configuring Syslog for Prism Central Audit Logs

NEW QUESTION 41

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