

Nutanix

Exam Questions NCP-MCI-6.10

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



NEW QUESTION 1

If an administrator creates a report with no retention policy configured, how many instances of the report are retained by default?

- A. 5
- B. 10
- C. 15
- D. 20

Answer: B

Explanation:

By default, Nutanix Prism Central retains the last 10 instances of a report if no retention policy is configured.

? Option B (10) is correct:

? Options A (5), C (15), and D (20) are incorrect:

References:

? Nutanix Prism Central Guide Report Generation and Retention Policies

? Nutanix KB How Reports Are Stored and Managed in Prism Central

NEW QUESTION 2

An administrator wants to ensure that VMs can be migrated and restarted on another node in the event of a single-host failure. What action should be taken in Prism Element to meet this requirement?

- A. Set Redundancy Factor to 3.
- B. Enable HA Reservation.
- C. Configure a Protection Domain.
- D. Configure an RF1 storage container.

Answer: B

Explanation:

To ensure VM high availability (HA) in the event of a node failure, the administrator must enable HA Reservation (Option B) in Prism Element.

? High Availability (HA) in Nutanix ensures that VMs restart on another available node if the host they are running on fails.

? Option A (Redundancy Factor 3) affects storage redundancy, not VM failover.

? Option C (Protection Domains) is related to disaster recovery (DR), not local HA failover.

? Option D (RF1 Storage Container) would reduce fault tolerance and is not recommended for production environments.

References:

? Nutanix Prism Element Guide Configuring HA Reservation

? Nutanix Bible High Availability (HA) and Failover

? Nutanix Support KB VM Recovery with HA Enabled

NEW QUESTION 3

In a five-node cluster, an administrator noticed that three VMs are consuming too many resources on a single host.

Acropolis Dynamic Scheduling (ADS) is not able to migrate these VMs. What is the most likely reason preventing ADS from migrating these VMs?

- A. VMs use a Volume Group.
- B. VMs use GPU pass-through.
- C. VM-VM anti-affinity policy is set.
- D. VMs use external Network Attached Storage.

Answer: B

Explanation:

VMs using GPU pass-through cannot be live-migrated because they are directly tied to a physical GPU on a specific host.

? Option B (VMs use GPU pass-through) is correct:

? Option A (VMs use a Volume Group) is incorrect:

? Option C (VM-VM anti-affinity) is incorrect:

? Option D (VMs use external NAS) is incorrect:

References:

? Nutanix AHV Best Practices GPU Pass-through and VM Migration Limitations

? Nutanix KB Why Can't I Live Migrate a VM with GPU Passthrough?

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 has been tasked with performing firmware upgrades for all Nutanix sites.

When attempting to perform firmware upgrades via Life Cycle Manager (LCM) at a remote site with a single-node cluster, no firmware updates are listed as available. The administrator confirmed that the currently installed firmware is several revisions behind.

Why are no firmware upgrades listed in LCM for this cluster?

- A. Single-node clusters only support one-disk firmware upgrades.
- B. LCM is not supported on single-node clusters.
- C. LCM cannot perform firmware upgrades on single-node clusters.
- D. LCM does not have connectivity to the internet.

Answer: B

Explanation:

LCM (Life Cycle Manager) does not support automatic firmware upgrades for single-node clusters because firmware updates require cluster-wide operations, which are not possible with only one node.

- ? Option B (LCM is not supported on single-node clusters) is correct:
- ? Option A (Single-node clusters only support one-disk firmware upgrades) is incorrect:
- ? Option C (LCM cannot perform firmware upgrades) is incorrect:
- ? Option D (LCM lacks internet connectivity) is incorrect:

References:

- ? Nutanix LCM Guide Firmware Upgrade Considerations for Single-Node Clusters
- ? Nutanix KB Why LCM Updates Are Not Available for Single-Node Deployments

NEW QUESTION 6

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.

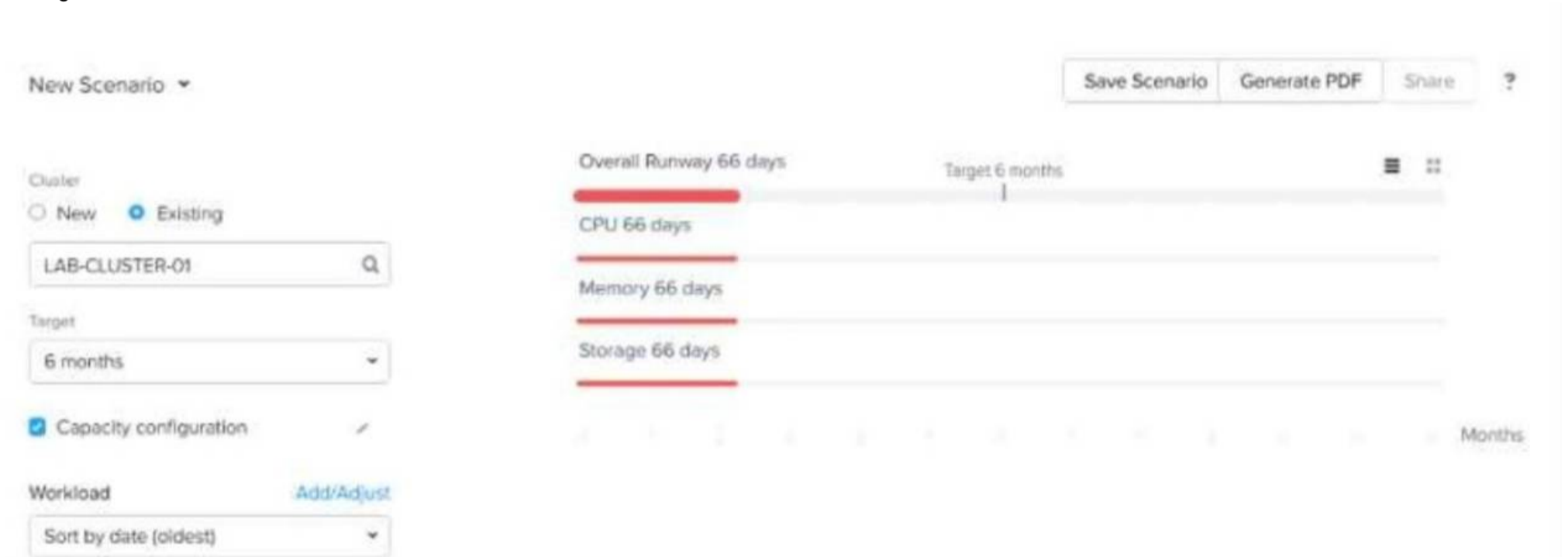
- ? Option A (Migrate vDisks) is correct:
- ? Option B (Recreate the VM) is incorrect:
- ? Option C (Migrate the VM) is incorrect:
- ? Option D (Recreate vDisk) is incorrect:

References:

- ? Nutanix Storage Optimization Guide Enabling Compression on Existing vDisks
- ? Nutanix KB Migrate vDisks Between Storage Containers for Optimization

NEW QUESTION 7

The customer expects to maintain a cluster runway of 9 months. The customer doesn't have a budget for 6 months but they want to add new workloads to the existing cluster.



Based on the exhibit, what is required to meet the customer's budgetary timeframe?

- A. Add resources to the cluster.

- B. Postpone the start of new workloads.
- C. Delete workloads running on the cluster.
- D. Change the target to 9 months.

Answer: A

Explanation:

The exhibit shows that the overall runway is only 66 days, meaning that the current cluster does not have enough capacity to sustain workloads for 6 months, let alone 9 months.

- ? The best solution is to add resources to the cluster (Option A), such as CPU, memory, or storage, to extend the runway.
- ? Postponing new workloads (Option B) may help in the short term but does not align with the business need to continue adding workloads.
- ? Deleting workloads (Option C) is not a viable option because the customer wants to add more, not remove them.
- ? Changing the target to 9 months (Option D) does not change the actual resource constraints; it only alters the target timeframe.

References:

- ? Nutanix Prism Central Capacity Planning and Runway Analysis
- ? Nutanix Bible Cluster Resource Management and Scaling
- ? Nutanix Support KB How to Extend Cluster Runway with Resource Scaling

NEW QUESTION 8

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 9

An administrator needs to modify an AHV VM to support a large number of concurrent network connections. The VM has:

- ? 4 vCPUs
 - ? 20 GB RAM
 - ? OS: Microsoft Windows Server 2022
- Which modification can improve network performance for network I/O-intensive applications?

- A. Add more vCPUs.
- B. Enable AHV Turbo Technology.
- C. Enable RSS VirtIO-Net Multi-Queue.
- D. Add more RAM.

Answer: C

Explanation:

Receive Side Scaling (RSS) VirtIO-Net Multi-Queue improves network performance by distributing network processing across multiple CPU cores.

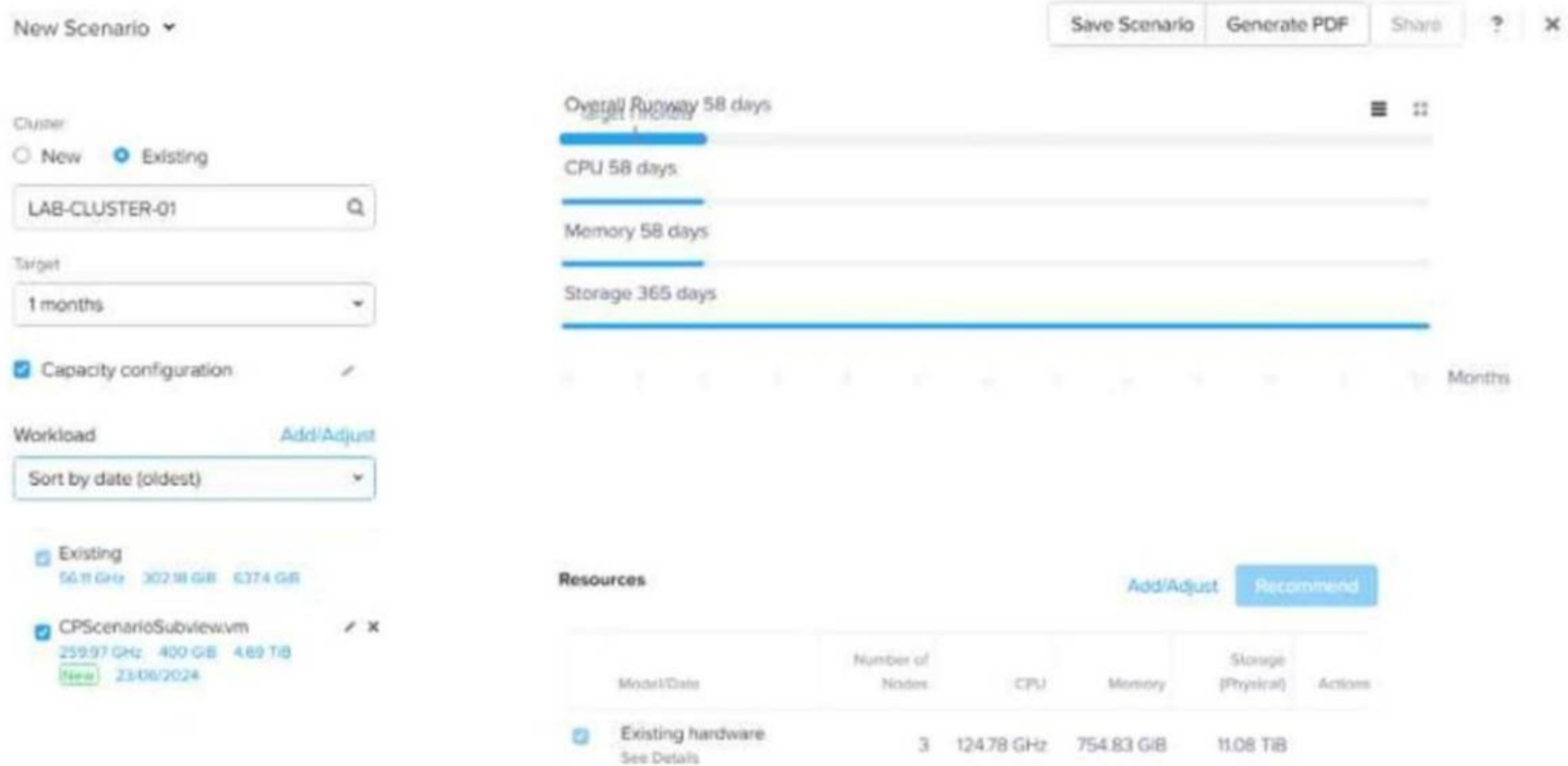
- ? Option C (Enable RSS VirtIO-Net Multi-Queue) is correct:
- ? Option A (Add more vCPUs) is incorrect:
- ? Option B (Enable AHV Turbo Technology) is incorrect:
- ? Option D (Add more RAM) is incorrect:

References:

- ? Nutanix AHV Best Practices Guide Optimizing Network Performance with RSS Multi-Queue
- ? Nutanix KB Enabling Multi-Queue for High-Performance Applications

NEW QUESTION 10

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 10

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 13

An administrator receives complaints about VM performance. After reviewing the VM's CPU Ready Time data, which step should the administrator take to diagnose the issue further?

- A. Check the number of vCPUs assigned to each CVM.
- B. Review host CPU utilization.
- C. Assess cluster SSD capacity.
- D. Enable VM memory oversubscription.

Answer: B

Explanation:

CPU Ready Time indicates how long a VM waits for CPU resources due to contention.

- ? Option B (Review host CPU utilization) is correct:
- ? Option A (Check CVM vCPUs) is incorrect:
- ? Option C (Assess SSD capacity) is incorrect:
- ? Option D (Enable VM memory oversubscription) is incorrect:

References:

- ? Nutanix Prism Central Guide Troubleshooting VM Performance
- ? Nutanix KB Identifying High CPU Ready Time and Solutions

NEW QUESTION 15

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 20

What is required to create a category in Nutanix?

- A. A name and a value
- B. A policy and an entity
- C. A service and a scope
- D. A catalog and a template

Answer: A

Explanation:

Categories in Nutanix are used to group resources and require only a name and a value for definition.

- ? Option A (A name and a value) is correct:
- ? Option B (Policy and Entity) is incorrect:
- ? Option C (Service and Scope) is incorrect:
- ? Option D (Catalog and Template) is incorrect:

References:

- ? Nutanix Prism Central Guide Creating and Managing Categories
- ? Nutanix KB Using Categories for RBAC and VM Grouping

NEW QUESTION 24

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 28

How can a VM or Volume Group (VG) be associated with a Storage Policy?

- A. Assign the Storage Policy directly on the VM or VG.

- B. Assign the VM or VG directly to the Storage Policy.
- C. Migrate the VM or VG to the Storage Container assigned to the Storage Policy.
- D. Assign the VM or VG to the same Category as the Storage Policy.

Answer: D

Explanation:

Storage Policies in Nutanix are applied through Categories, allowing policy-based automation and enforcement.

? Option D (Assign the VM or VG to the same Category as the Storage Policy) is correct:

? Option A is incorrect:

? Option B is incorrect:

? Option C is incorrect:

References:

? Nutanix Storage Management Guide Using Categories for Policy-Based Storage Management

? Nutanix KB Best Practices for Applying Storage Policies to VMs

NEW QUESTION 30

Which feature deploys a temporary VM that allows an administrator to log in and apply OS patches to a VM template?

- A. Create VM from Template
- B. Complete Guest OS Update
- C. Update Configuration
- D. Update Guest OS

Answer: D

Explanation:

The Update Guest OS feature (Option D) in Nutanix allows administrators to apply patches and updates to a VM template by creating a temporary VM instance for modification.

? How It Works:

? Option A (Create VM from Template) is incorrect:

? Option B (Complete Guest OS Update) is incorrect:

? Option C (Update Configuration) is incorrect:

References:

? Nutanix Prism Central Managing VM Templates and Guest OS Updates

? Nutanix Bible OS Management and Updates in Nutanix Environments

? Nutanix KB How to Patch OS in a Nutanix VM Template

NEW QUESTION 31

An administrator wants to live-migrate a vGPU-enabled VM from one host to another within the same cluster.

What requirements must be met before initiating the migration?

- A. The target host has sufficient resources to support the VM.
- B. The vGPU profile needs to be changed.
- C. The VM must be configured as an agent VM.
- D. The host affinity for the VM must be set to a specific host.

Answer: A

Explanation:

vGPU-enabled VMs can only be migrated if the destination host has a compatible GPU and sufficient resources.

? Option A (Target host must have sufficient resources) is correct:

? Option B (vGPU profile change) is incorrect:

? Option C (Agent VM required) is incorrect:

? Option D (Host affinity) is incorrect:

References:

? Nutanix AHV Best Practices Migrating vGPU-Enabled VMs

? Nutanix KB Requirements for Live-Migrating vGPU VMs

NEW QUESTION 33

Refer to Exhibit:



An administrator is looking at the memory cluster runway diagrams shown in exhibit, in Prism Central. The environment has three hosts with the following configuration:

- ? CPU: 2x Intel Xeon Gold (8 cores, 2.6 GHz)
- ? RAM: 256 GB per host
- ? Storage: SSDs and HDDs

The Intelligent Operations feature has been active for one month, but no further configurations were applied. What does the dotted red line mean?

- A. It is the default trend analysis static threshold that can be manually set.
- B. It is the maximum memory the administrator can assign to VMs.
- C. It is the calculated memory oversubscription limit for currently running VMs.
- D. It is the usable capacity based on cluster configuration options.

Answer: D

Explanation:

The Prism Central Memory Cluster Runway Diagram provides insights into memory usage trends, predicting how long the cluster can sustain workloads before exhausting resources.

- ? The solid blue area represents the actual memory consumption over time.
- ? The dotted red line represents the effective memory capacity limit based on the cluster's current configuration.

Analyzing the Dotted Red Line

The dotted red line is labeled "Effective Capacity: 503.22 GiB", which means:

- ? It is the total usable memory capacity in the cluster after considering hypervisor overhead, redundancy settings, and failover capacity.
- ? This value is not a hard limit but an indication of the available memory before potential performance issues occur.

Evaluating the Answer Choices

(A) It is the default trend analysis static threshold that can be manually set. (Incorrect)

? The dotted red line is not a static threshold that an administrator can manually configure.

? Trend analysis in Prism is dynamic and based on workload history and projections.

(B) It is the maximum memory the administrator can assign to VMs. (Incorrect)

? Administrators can oversubscribe memory beyond the dotted red line if memory overcommitment is enabled.

? However, oversubscribing memory beyond effective capacity may impact performance.

(C) It is the calculated memory oversubscription limit for currently running VMs. (Incorrect)

? The dotted red line does not represent oversubscription limits.

? Memory oversubscription depends on hypervisor memory ballooning, compression, and swapping mechanisms, which are not directly shown here.

(D) It is the usable capacity based on cluster configuration options. (Correct Answer)

? The dotted red line (503.22 GiB) represents the actual usable memory available in the cluster after factoring in system overhead.

? This value is determined by:

Multicloud Infrastructure References & Best Practices

? Prism Central's "Runway" feature provides AI-driven trend analysis for memory, CPU, and storage capacity.

? The effective capacity limit helps administrators make proactive scaling decisions before resources become critical.

? To increase the memory runway, administrators can:

NEW QUESTION 36

An administrator has been asked to calculate baseline Capacity Runway on a newly registered AHV cluster.

The cluster has been running for 16 days, but no runway projections are displayed. Why are no Capacity Runway projections being displayed?

- A. Capacity Planning requires at least 30 days of data.
- B. Capacity Planning requires at least 21 days of data.
- C. Capacity Planning requires at least 3 months of data.

D. Capacity Planning requires at least 6 months of data.

Answer: B

Explanation:

Nutanix Prism Central requires at least 21 days of usage data to generate accurate Capacity Runway projections.

? Option B (21 days) is correct:

? Option A (30 days) is incorrect:

? Option C (3 months) and Option D (6 months) are incorrect:

References:

? Nutanix Prism Central Guide Understanding Capacity Runway Calculations

? Nutanix KB Why No Capacity Runway Data is Displayed for New Clusters

NEW QUESTION 40

An administrator is working with a network engineer to design the network architecture for a DR failover.

Because DNS is well-designed, the DR site will use a different subnet but retain the same last octet in the IP address.

What is the best way to achieve this?

A. Use a custom script to update the IP address after instantiation in DR.

B. Set up IPAM so the address is dynamically assigned during DR.

C. Manually log into VMs after the DR event and update the last octet.

D. Utilize Recovery Plan Offset-based IP mapping.

Answer: D

Explanation:

Offset-based IP mapping in Nutanix Recovery Plans allows automatic subnet changes during DR failover.

? Option D (Utilize Recovery Plan Offset-based IP mapping) is correct:

? Option A (Custom script) is incorrect:

? Option B (Use IPAM) is incorrect:

? Option C (Manually update IPs) is incorrect:

References:

? Nutanix Disaster Recovery Guide Using Offset-Based IP Mapping

? Nutanix KB Best Practices for Managing IP Addresses in DR

NEW QUESTION 43

An administrator using a dark site deployment for LCM is attempting to upgrade to the latest BIOS.

After completing an inventory scan, the administrator does not see the expected BIOS version available for upgrade.

What is the most likely reason the latest BIOS is not shown?

A. AOS needs to be upgraded first.

B. The latest compatibility bundle has not been uploaded.

C. The BMC version needs to be upgraded first.

D. The dark site webserver is not accessible.

Answer: B

Explanation:

In a dark site deployment, LCM does not automatically fetch updates from the internet. The administrator must manually upload compatibility bundles.

? Option B (The latest compatibility bundle has not been uploaded) is correct:

? Option A is incorrect:

? Option C is incorrect:

? Option D is incorrect:

References:

? Nutanix LCM Guide Using Compatibility Bundles in Dark Sites

? Nutanix KB Troubleshooting Firmware Updates in Dark Site Deployments

NEW QUESTION 45

An administrator needs to configure NTP on Prism Central running on a Hyper-V cluster. How should the administrator complete this task?

A. Add an external NTP server.

B. Add the DNS server IP.

C. Add a server with a DNS hostname.

D. Add the IP of the Domain Controller.

Answer: A

Explanation:

Nutanix requires that all cluster components synchronize time using an external NTP (Network Time Protocol) server.

? Option A (Adding an external NTP server) is correct because Nutanix best practices recommend using an external time source to prevent clock drift between cluster nodes.

? Option B (DNS server IP) is incorrect: A DNS server does not provide NTP services.

? Option C (Server with DNS hostname) is incorrect unless the DNS hostname resolves to an NTP server.

? Option D (IP of the Domain Controller) is incorrect because not all domain controllers provide NTP services unless explicitly configured.

References:

? Nutanix Best Practices: NTP Configuration for Hyper-V Clusters

? Nutanix KB: Ensuring Proper Time Synchronization Across Cluster Nodes

? Nutanix Documentation: Prism Central NTP Settings Configuration

NEW QUESTION 46

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 50

An administrator receives an alert in Prism stating:

"Storage container <container_name> on cluster <cluster_name> will run out of storage resources in approximately 1 day." However, the cluster has plenty of available space remaining.

What configuration setting is causing the container to run out of space while the cluster has space remaining?

- A. Advertised Capacity is set too low.
- B. Reserved Capacity is set too high.
- C. Compression is set too low.
- D. Replication Factor is set too high.

Answer: B

Explanation:

Reserved Capacity settings define how much storage is exclusively allocated for a specific container.

- ? Option B (Reserved Capacity is too high) is correct.
- ? Options A, C, and D are incorrect.

References:

- ? Nutanix Storage Best Practices Configuring Reserved and Advertised Capacity
- ? Nutanix KB Troubleshooting Storage Container Out-of-Space Alerts

NEW QUESTION 55

Refer to Exhibit:

The screenshot shows an alert with the following details:

<input type="checkbox"/>	The cluster is using password based ssh access for the cvm	A6219	Info	false	false
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Additional text on the right side of the exhibit: Password-based remote login is enabled on the cluster. It is recommended to use key-based ssh access instead of password-based ssh access for better security.

An administrator sees the alert shown in the exhibit.

What should the administrator do to ensure the nutanix user can no longer SSH to a CVM using a password?

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

Answer: C

Explanation:

Understanding the Exhibit & the Alert The alert states:

- ? "The cluster is using password-based SSH access for the CVM."
- ? "Password-based remote login is enabled on the cluster."
- ? "It is recommended to use key-based SSH access instead of password-based SSH access for better security."

This means that the nutanix user can log in to Controller VMs (CVMs) using a password, which is a security risk.

Corrective Action: Enabling Cluster Lockdown

(C) Enable Cluster Lockdown. (Correct Answer)

? Cluster Lockdown Mode restricts password-based SSH access and forces key-based authentication.

? This prevents users from logging into CVMs using passwords, enhancing cluster security.

? To enable Cluster Lockdown:

Evaluating the Other Answer Choices

- (A) Rename the nutanix user. (Incorrect)
 - ? The nutanix user is a built-in system account required for cluster operations.
 - ? Renaming the user will not prevent SSH access via password.
 - (B) Block port 22 on the CVM firewall. (Incorrect)
 - ? Blocking port 22 (SSH) will completely disable SSH access, including key-based authentication.
 - ? This may break cluster management and troubleshooting operations.
 - (D) Delete the nutanix user. (Incorrect)
 - ? The nutanix user is a critical system account required for cluster functionality.
 - ? Deleting the account will cause serious issues with cluster management.
- Multicloud Infrastructure References & Best Practices
- ? Nutanix Security Best Practices:
 - ? Cluster Lockdown Benefits:
- References:
- ? Nutanix Security Guide Enabling Cluster Lockdown for SSH Security
 - ? Nutanix KB Securing SSH Access on Nutanix Clusters

NEW QUESTION 59

An administrator needs to create a single chart showing multiple storage bandwidth metrics a 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 Guide Entity vs. Metric Charts for Performance Analysis
- ? Nutanix KB Creating Custom Charts in Prism Central

NEW QUESTION 62

Refer to the Exhibit:

Host 1 (128 GB)			
VMs	VM Memory (GB)	Utilized Memory (GB)	Unutilized Memory (GB)
VM1	64 GB	48 GB	16 GB
VM2	32 GB	20 GB	12 GB
VM3	32 GB	24 GB	8 GB
Total	128 GB	92 GB	36 GB

An administrator needs to create two virtual machines: VM4 and VM5 that leverage the memory over-commit feature. Once VM4 is created and running, the administrator notices that it uses only 28GB of RAM. What will be the maximum RAM that can be allocated to VM5 so that it can be powered on?

- A. 4GB
- B. 8GB
- C. 16GB
- D. 32GB

Answer: B

Explanation:

Understanding the Exhibit & Memory Allocation

- ? The host has 128GB of physical RAM.
- ? The current memory allocation across three VMs (VM1, VM2, VM3) is 128GB, but only 92GB is actually utilized.
- ? This means there is 36GB of unutilized memory available for allocation.

Step-by-Step Breakdown

- ? Existing Memory Usage Before Adding VM4
- ? After Creating and Running VM4
- ? Maximum Memory Allocation for VM5

Evaluating the Answer Choices

- ? (A) 4GB (Incorrect)
- ? (B) 8GB (Correct)
- ? (C) 16GB (Incorrect)
- ? (D) 32GB (Incorrect)

Key Concept: Nutanix Memory Overcommit

- ? Nutanix AHV supports memory overcommit, meaning VMs can be allocated more memory than physically available using memory ballooning and swapping.
- ? However, to power on VM5 without impacting performance, it must fit within the available unutilized memory, which is 8GB.

NEW QUESTION 64

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 68

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