



Nutanix NCP-MCI Practice Questions

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Question 1

Question Type: MultipleChoice

An administrator is creating a settings profile in Prism Central to standardize NTP configuration across multiple clusters. The organization's security policy requires that all NTP communication must be authenticated.

The administrator adds an NTP server to the profile, but does not see the Key ID and Key Hex fields.

What is the most likely cause?

Options:

- A- Authenticated NTP is only supported when Microservices Infrastructure is disabled on Prism Central.
- B- NTP server must be added through Prism Element before it can be authenticated in Prism Central.
- C- Authentication Type needs to be changed to SHA256, SHA384, or SHA512.
- D- Authenticated NTP requires the cluster to run AOS 7.0 or later.

Answer:

D

Question 2

Question Type: MultipleChoice

A company is evaluating Nutanix DR to protect some business critical applications and tasked an administrator to find an optimal configuration providing highest resiliency and lowest RPO to the production environment.

The company's production environment is deployed on two physical sites with each hosting one AHV-based cluster.

What configuration will meet the company's requirements?

Options:

- A- Deploy one Prism Central instance on each site and configure synchronous replication using Protection Policy.

- B- Deploy Prism Central instance on one of the sites. Configure NearSync replication using Protection Domains.
- C- Deploy Prism Central instance on each site. Configure Metro Availability using Protection Domains.
- D- Deploy Prism Central instance on one of the sites, configure Prism Central Disaster Recovery, and setup Metro AHV

Answer:

B

Question 3

Question Type: MultipleChoice

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?

Options:

- 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:

If IAM authentication fails, the local admin account must be used to check domain settings.

Option A (Ping the Domain Controller) is incorrect:

Network connectivity is important, but the issue is likely related to IAM settings, not network reachability.

Option B (Check firewall port 9441) is incorrect:

Port 9441 is used for SSO authentication, but port issues usually result in login delays, not complete failures.

Option C (Validate signing certificate) is incorrect:

While certificates can cause issues, local admin login should always work.

Nutanix KB Troubleshooting IAM Login Issues After a Prism Central Upgrade

Nutanix Documentation Managing User Authentication and IAM Integration

Question 4

Question Type: MultipleChoice

An administrator received a request to create a new storage container for persistent desktops.

Which storage optimization setting must the administrator set for the best possible capacity savings?

Options:

- A- Erasure Coding
- B- Inline compression with a delay of 0 minutes
- C- Inline Deduplication of Read Caches
- D- Post Process Deduplication

Answer:

B

Question 5

Question Type: MultipleChoice

An administrator configured a remote site for Protection Domain replication, but network performance and stability are impacted.

How can the remote site configuration be adjusted to fix the issue?

Options:

- A- Configure Network Address Translation (NAT) between the two Nutanix clusters.
- B- Configure the Protection Domain with many-to-many replication.
- C- Configure a Bandwidth Throttling Policy.
- D- Configure the remote Cluster VIP as a proxy.

Answer:

A

Explanation:

Network performance issues during replication can be mitigated using Bandwidth Throttling to control traffic spikes.

Option C (Configure a Bandwidth Throttling Policy) is correct:

Bandwidth Throttling ensures that replication does not saturate the network, especially during peak usage hours.

This is particularly useful for low-bandwidth connections between remote sites.

Option A (Configure NAT) is incorrect:

NAT is not required for remote site replication between Nutanix clusters.

Option B (Many-to-Many Replication) is incorrect:

This does not directly address network performance and may increase traffic load.

Option D (Remote Cluster VIP as Proxy) is incorrect:

VIP configurations help with load balancing but do not resolve bandwidth issues.

Nutanix Protection Policies Guide Bandwidth Throttling for Remote Site Replication

Nutanix KB Optimizing Network Performance for Disaster Recovery

Question 6

Question Type: MultipleChoice

An administrator needs to configure NTP on Prism Central running on a Hyper-V cluster.

How should the administrator complete this task?

Options:

- 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.

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

Question 7

Question Type: MultipleChoice

Which Nutanix solution integrates with third-party backup tools for long-term data retention?

Options:

- A- Nutanix Move
- B- Nutanix Leap
- C- Nutanix Mine
- D- Nutanix Beam

Answer:

C



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