

NCM-MCI-5.15^{Q&As}

Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) 5.15

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QUESTION 1

An administrator is concerned that Prism will be inaccessible if Active Directory is unable to process logins. Which method should the administrator use to access the cluster in the event of this type of outage?

- A. Manage the cluster by using the "nutanix" user on the Prism leader CVM
- B. Create and use an emergency local account on the cluster
- C. Deploy an Active Directory server locally on the cluster
- D. Manage the cluster remotely by downloading ncli to a remote workstation

Correct Answer: B

QUESTION 2

Refer to the exhibit.



A Microsoft SQL 2016 deployment is shown in the exhibit. The administrator receives user reports that database queries take too long to return. Which optimization should be made to this configuration to improve performance?

- A. Combine both of the OS and SQL Binaries disks
- B. Add a second SCSI controller for the Database.
- C. TempDB, and Logs disk Separate the Database. TempDB, and Logs onto their own disks
- D. Configure the VM to use a PCI disk controller

Correct Answer: C

QUESTION 3

An administrator has a 32-node hybrid cluster with CPU, RAM and storage utilization of 80%. A database VM is configured with VM Flash. What is causing this IO latency?

- A. Controller VM is experiencing high CPU ready time.
- B. Curator scans causes by ILM constantly moving data.
- C. VM Flash Mode reduces SSD tier capacity for VMs.
- D. Database VM is experiencing high CPU ready time.

Correct Answer: A

QUESTION 4

An administrator manages the following two Nutanix AOS 5.15 cluster environment:

Corp-cluster-01

Corp-cluster-02

The VM images must be available only on Corp-cluster-01, but cannot be checked out to cluster Corp-cluster-02. The images also cannot be checked out to any other clusters that are registered with Prism Central in the future.

Which two configuration settings must the administrator choose when creating the image placement policy that satisfies the stated requirements? (Choose two.)

- A. Create an image placement policy that identifies cluster Corp-cluster-01 as the target cluster
- B. Set the policy enforcement to Soft.
- C. Set the policy enforcement to Hard.
- D. Create an image placement policy that identifies cluster Corp-cluster-02 as the target cluster.

Correct Answer: AC

Explanation: Ref: <https://next.nutanix.com/community-blog-40/nutanix-just-made-ahv-image-management-painless-33144>

QUESTION 5

A customer needs a DR solution designed around the following requirements:

There are 8 ms of latency between Sites A and B
The administrator needs the shortest RPO/RTO possible
Application consistent snapshots are required
Use of Nutanix VSS

Which Data Protection Method should be used?

- A. Async
- B. Metro Availability
- C. Near Sync
- D. Cloud Connect

Correct Answer: C

Ref: https://portal.nutanix.com/page/documents/details?targetId=Prism-Element-Data-Protection-Guide-v5_18:wc-dr-application-consistent-snapshots-wc-r.html

QUESTION 6

An administrator configures authentication in Prism Central (PC) for the NTNX-Admins group. Users report that they are unable to log in. The administrator confirms that the Active Directory (AD) settings in PC are correct. Which condition could result in this behavior?

- A. A role mapping needs to be associated with the AD group.
- B. The users must be added to the Domain Admins AD group.
- C. The Local authentication type must also be selected in PC.
- D. A client chap certificate must also be added in PC.

Correct Answer: B

Explanation: Ref: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v5_10:mul-security-role-permissions-pc-t.html

QUESTION 7

For several days, an administrator notices the following alerts:

CVM NIC Speed Low Warning Alerts Warning Alerts of CVM NIC not performing at optimal speed CVM is disconnected from the network Critical Alert Network Visualization page shows excessive dropped packets on CVM/Host

Which steps should be taken to determine which problem should be addressed first?

- A. Access the Hardware Page to verify resources are available Analyze all CVM Speed Alerts in the Alerts/Events page Analyze output for the network and interface properties and connectivity issues
- B. Verify Host/CVM connectivity on the Network Visualization page Use to verify the bridge and bond configuration Review alerts/events page for the CVM disconnected error
- C. Review Alerts page for NIC speed alerts and alert timing Analyze the genesis.out log file for process failures

Assess the NIC properties in the Network Visualization>; Host Properties page

- D. Restart networking services on the CVM Determine the current configuration of the affected CVM via output Access the Alerts/Events page for the CVM network connection failures

Correct Answer: B

Explanation: Ref: <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000CuaDCAS>

QUESTION 8

While creating an image placement policy on the organizations AOS 5.15-based Nutanix cluster, the administrator wants to ensure there are no restrictions on using the selected images on clusters outside of the identified set. What type of Policy Enforcement must the administrator choose?

- A. Soft
- B. Internal
- C. Hard
- D. External

Correct Answer: A

Policy Enforcement

Soft enforcement will allow you to manually place images on other clusters if needed. Hard enforcement will ensure these images are only placed on the selected clusters.

Enforcement

Cancel

Save

QUESTION 9

A CEO asks the IT administrator to provide a list of required resources to protect current workloads and the two new SQL servers from a disaster. The Nutanix environment is managed by Prism Central. Which option explains how to meet the CEO's request?

- A. In Capacity Runway, select Optimize Resources and select all VMs that must be protected.
- B. Create a new project and assign the VMs to it to get compute and storage requirements.
- C. Create a new scenario based on a new cluster based on a VM Profile and select Recommend.
- D. Create a new Recovery policy by selecting the VM that needs to be protected and get hardware requirements.

Correct Answer: D

QUESTION 10

An administrator receives an error indicating that the CVMs in the cluster are not syncing to any NTP servers. An investigation of the issue finds:

The NTP servers are configured in Prism The time on all CVMs is the same Both the CVMs and AHV hosts are configured for the UTC time zone

Which two steps can be taken to troubleshoot this issue? (Choose two.)

- A. Confirm that the NTP servers are reachable from the CVMs.
- B. Restart genesis on all CVMs.
- C. On a CVM. run the command a Hash ntpq -pn.
- D. Restart the chronos service on all CVMs.

Correct Answer: AC

Explanation: Ref: https://portal.nutanix.com/page/documents/kbs/details?targetId=kA032000000bmjeCAA#Review_ntpq

QUESTION 11

An administrator is migrating 5MB shares from a third-party platform to Nutanix Files with the following characteristics:

Shares contain user profile directories DFS-N will be used How should the administrator create target shares for this migration?

- A. Create multiple general purpose shares and distribute migrated data as evenly as possible.
- B. Create multiple distributed shares and distribute migrated data as evenly as possible.
- C. Create standard shares with multiple top-level directories and distribute migrated data.
- D. Create distributed shares with multiple top-level directories and distribute migrated data.

Correct Answer: D

Explanation: Ref: https://portal.nutanix.com/page/documents/details/?targetId=Files-v3_6:Files-v3_6

QUESTION 12

In a Nutanix cluster, a Protection Domain contains 50 entities that are replicated to a remote Single Node Replication Target.

The current schedule configuration is as follows:

Repeat every 6 hours

Local Retention Policy 1 Remote Retention Policy 8 Starting time 12 am

At 8 am on Monday, the administrator discovers that a protected VM is corrupted. The latest good state was Sunday 2 pm. The administrator needs to maintain current protection. Which strategy should the administrator use to meet these requirements?

- A. From the Remote site, activate the Protection Domain, then re-protect the entity.
- B. From the Remote site, restore the VM from the local snapshot by selecting the correct snapshot
- C. From the local site, retrieve the correct remote snapshot, then restore the VM locally.
- D. From the local site, restore the VM from the local snapshot by selecting the correct snapshot.

Correct Answer: C

QUESTION 13

An administrator is deploying several new application VMs to a Nutanix cluster. The application is very transactional with a 28/72 random, read/write ratio. What should the administrator do?

- A. Add a minimum of four SSDs to each node to ensure all writes go to the SSDs.
- B. Add a minimum of four virtual disks to each VM, and aggregate them on guest OS level.
- C. Add one large SSD to each node and enable Flash Mode for the VMs.
- D. Add one large virtual disk to each VM. and use it for all application data.

Correct Answer: B

Explanation: Ref: <https://next.nutanix.com/server-virtualization-27/iops-latency-issue-1168>

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>Multiple vdisks should be attached (they can be unified with LVM for example) to get more performance from VM's, as Nutanix OS limiting oplog size per vdisk (to avoid "noisy neighbour" problem)
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QUESTION 14

A customer has NearSync configured. When the administrator tries to restore a snapshot from 3 minutes ago, it is not available. The snapshots are happening at 15-minute intervals instead of at the 5-minute configured interval. When the protection domain was initially set up, the snapshots were happening at the expected 5-minute interval.

What should the customer do to enable the snapshots to happen at the expected interval?

- A. Utilize Metro Availability to meet this requirement
- B. Change the protection domain to use Async DR
- C. Fix a connectivity issue because the protection domain reverted to Async

D. Configure the protection domain to take snapshots on 15-minute intervals

Correct Answer: C

QUESTION 15

A VM is exhibiting one or more of the following baseline values based on the past 30 days:

CPU usage