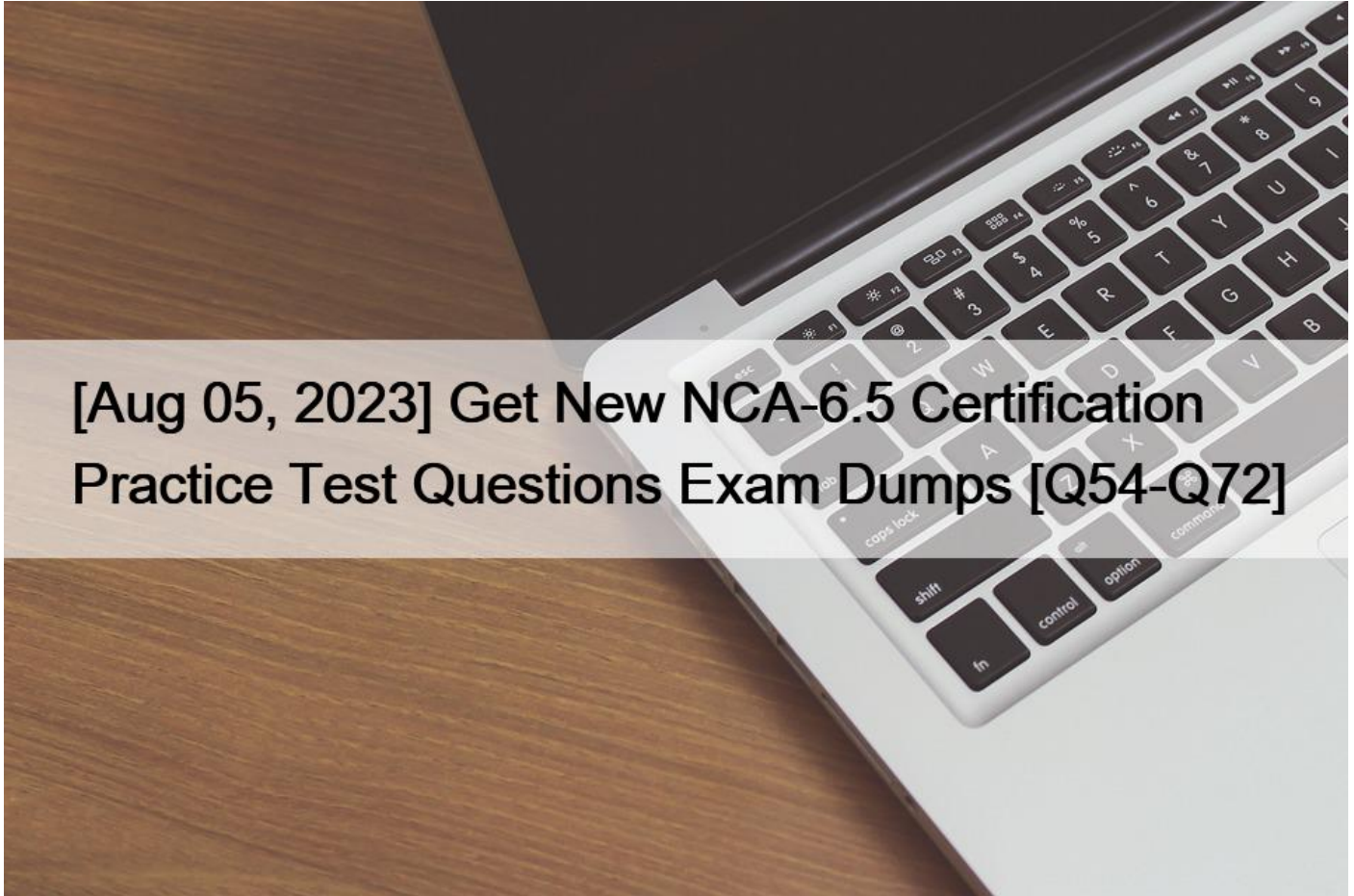


## [Aug 05, 2023 Get New NCA-6.5 Certification Practice Test Questions Exam Dumps [Q54-Q72]



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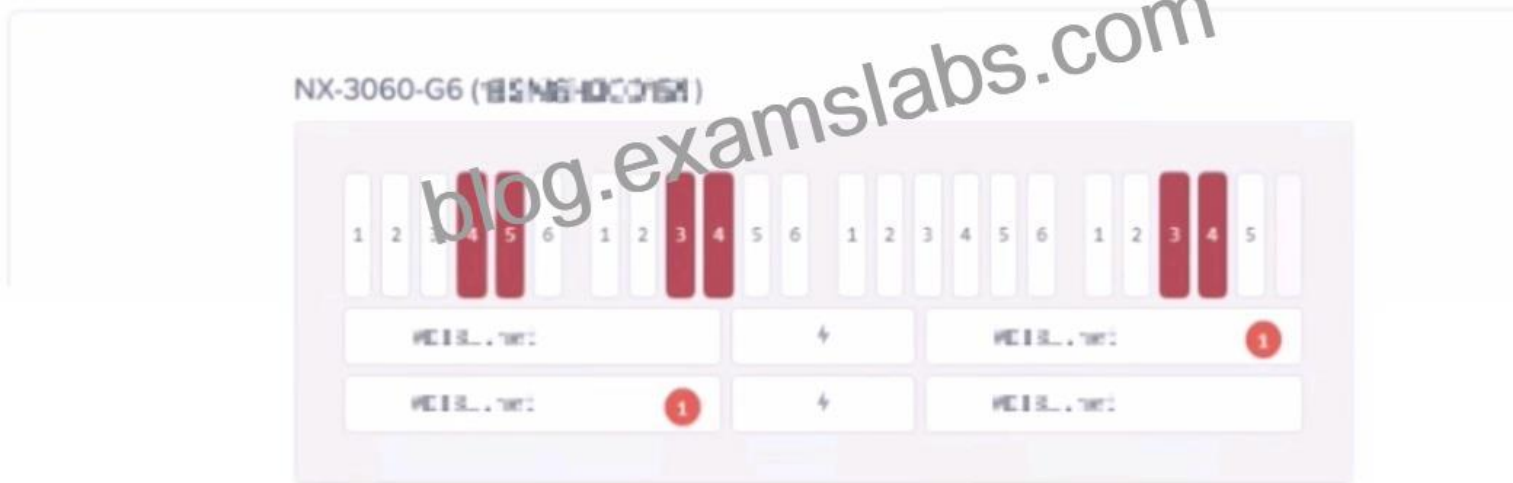
Nutanix NCA-6.5 certification exam is a comprehensive exam that covers a wide range of topics related to Nutanix solutions. NCA-6.5 exam consists of 60 multiple-choice questions and has a time limit of 90 minutes. Candidates who successfully pass the exam will receive the Nutanix Certified Associate (NCA) v6.5 certification, which is valid for two years. Nutanix Certified Associate (NCA) v6.5 exam certification opens up a wide range of opportunities for IT professionals, including higher salaries, career advancement, and increased job opportunities.

**Q54.** Refer to the exhibit.

Overview · **Diagram** · Table

+ Expand Cluster

Repair Host Boo



After an abrupt power outage, an administrator receives a number of alerts indicating disks are failed. Prism Element shows a large number of disks offline as seen in the diagram. This single block, four node cluster is configured FT1 with an RF2 container holding all user data.

What number of drive failures on different domains (node, block, or rack) could this configuration have tolerated prior to seeing data unavailability?

- \* 1
- \* 4
- \* 3
- \* 2

**Q55.** Which Task is Required to initiate a live migration of VMs between two cluster?

- \* Replicate VM Recovery Point
- \* Promote Metro Availability Protection Domain
- \* Press Migrate Button on the Protection Domain
- \* Perform a Leap Planned Failover

**Q56.** A New Project is Being rolled out to an AHV Cluter being monitored by prism Central , The Application team indicated that the application managed by the project is very memory intensive . The administrator wants to be notified about any memory constraints should they occur.

How would an administrator most effectively achieve this task?

- \* Create a new metric chart for the cluster and analyse hypervisor Memory Usage
- \* Search for the VM , then in the details page , go to metrics an select CPU usage.
- \* Create a Report to tracking the memory Usage
- \* Create a new alert policy for the memory Usage and set to critical after 80%.

**Q57.** Which Nutanix Product Provide S3-Compatible Storage ?

- \* Volumes

- \* Files
- \* Objects
- \* Mine

**Q58.** An administrator is unable to discover a Nutanix-hosted iSCSI block device allocated to a bare-metal host.

What is causing this issue?

- \* Jumbo frames has not been configured on the switch
- \* External client access has not been enabled for the host
- \* Network segmentation has not been enabled
- \* External host IP address is not in the Filesystem Whitelist

**Q59.** What is the minimum number of blocks required to utilize block awareness?

- \* 2
- \* 3
- \* 4
- \* 5

**Q60.** When Does AOS automatically Generate a case with nutanix Support?

- \* When disk space usage is high above 90%
- \* On failure of a scheduled NCC check
- \* When losing network connectivity to the CVM
- \* For every alert detected by pulse Diagnostics

**Q61.** Which Nutanix data efficiency mechanism replaces a traditional Replication Factor for suitable data?

- \* Compression
- \* Deduplication
- \* Erasure Coding
- \* Intelligent Cloning

Erasure coding is a data efficiency mechanism in Nutanix that replaces the traditional replication factor for suitable data. Erasure coding uses a technique known as [forward error correction](#); to spread data across multiple drives in a cluster, such that if some drives fail, the data can still be reconstructed. This allows for a much higher storage density and a more efficient use of disk space as compared to traditional replication, where multiple copies of the same data are stored across multiple drives.

Deduplication and Compression are also data efficiency mechanisms in Nutanix which help to reduce the storage overhead by eliminating the redundant data. Intelligent Cloning is a Nutanix feature which helps to create multiple instant, space-efficient clones of a VM. Reference:

[https://portal.nutanix.com/page/documents/details?targetId=Data-Services-Guide-v2\\_11:ds-erasure-coding-overview\\_ds-erasure-coding-overview.html](https://portal.nutanix.com/page/documents/details?targetId=Data-Services-Guide-v2_11:ds-erasure-coding-overview_ds-erasure-coding-overview.html)

**Q62.** What is the biggest benefit of the Redfish Protocol and LCM?

- \* SSD and HDD update twice as quickly
- \* BMC and BIOS update twice as quickly
- \* HBA and NIC card update twice as quickly
- \* AOS and AHV update twice as quickly

The Redfish Protocol and Lifecycle Manager (LCM) provide the biggest benefit of allowing BMC and BIOS updates to be done twice as quickly as before. This is because Redfish and LCM allow for updates to be done in parallel, rather than serially, which reduces the amount of time it takes for an update to be completed. Reference:

[https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5\\_7:pag-redfish-lcm-c.html](https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-redfish-lcm-c.html)

**Q63.** By default, Nutanix Files will deploy how many FSVMs within a Nutanix cluster?

- \* 5
- \* 3
- \* 4
- \* 2

**Q64.** What is the effect of enabling Flash Mode?

- \* Sets the storage tier preference to HDD
- \* Sets the storage tier preference to SSD
- \* Sets the metadata tier preference to HDD
- \* Sets the metadata tier preference to SSD

Enabling Flash Mode will set the storage tier preference to SSD, meaning that data will be stored on the high-performance SSD storage tier. Flash Mode is designed to speed up the performance of applications by ensuring that the most frequently used data is stored on the faster storage tier. Reference:

[https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5\\_7:pag-flash-mode-c.html](https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-flash-mode-c.html)

**Q65.** An administrator wants to view VMs with NGT Installed and Filter by their installed guest operating systems.

How can this task most quickly be accomplished within prism central?

- \* Use a pre-defined Prism Central report
- \* Create a custom Focus using the OS Column
- \* In the VM dashboard, filter by the nutanix Guest tools &#8211; OS field
- \* use the Prism central analysis Panel to create a pie chart by OSType

**Q66.** An organization runs several core business applications on a Nutanix cluster. System stability and support are critical for these applications, which has an annual maintenance window.

How can the administrator assure that these requirements are met?

- \* Purchase Mission Critical support.
- \* Purchase Ultimate licensing.
- \* Adhere to the STS release cycle.
- \* Adhere to the LTS release cycle.

**Q67.** What is the minimum cluster size for Redundancy Factor 3?

- \* 3 nodes
- \* 4 nodes
- \* 5 nodes
- \* 6 nodes

[https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5\\_20:arc-redundancy-factor3-c.html](https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_20:arc-redundancy-factor3-c.html)

**Q68.** How can an administrator determine if the cluster can sustain a hardware failure?

- \* Review the cluster Health
- \* Review the Hardware Summary
- \* Review the Data Resiliency Status
- \* Review the Storage Summary

**Q69.** An administrator is deploying a virtual firewall on each node in an AHV cluster and wants each VM to maintain affinity to its host. How can an administrator achieve this goal most efficiently?

- \* Create VM Protection Policies
- \* Set the VM labels as firewalls
- \* Create VM Annotations

\* Set the VMs as Agent VMs

An administrator can create VM Protection Policies to enforce VM to host affinity for each VM in the AHV cluster. This will ensure that the VMs are always running on the same host, even if the cluster is resized or the VMs are migrated to other nodes. This is the most efficient way to achieve the desired goal. Reference:

[https://portal.nutanix.com/page/documents/details?targetId=Prism-Admin-Guide-v5\\_6:pr-vmprofiles-affinity-c.html](https://portal.nutanix.com/page/documents/details?targetId=Prism-Admin-Guide-v5_6:pr-vmprofiles-affinity-c.html)

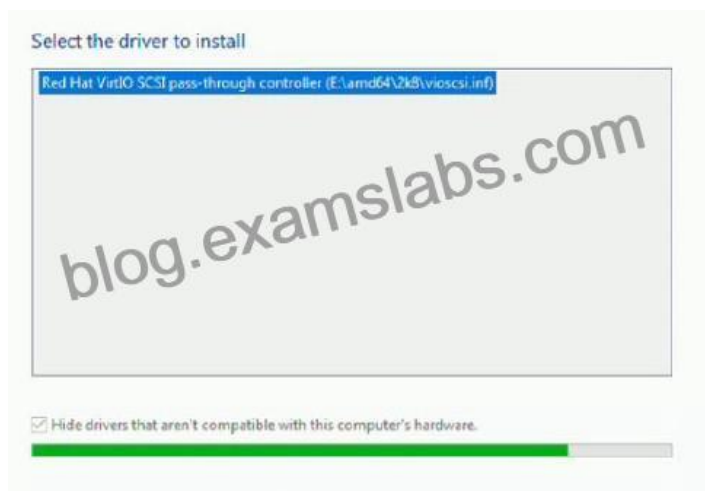
**Q70.** How long does a Nutanix cluster's Recycle Bin retain deleted vDisk and configuration data files?

- \* 6 Hours
- \* 12 Hours
- \* 24 Hours
- \* 48 Hours

The Recycle Bin is a feature that allows administrators to recover data that has been accidentally deleted from the cluster, by storing deleted files in a temporary holding area for a certain period of time. During this time, the deleted files can be restored to their original location, effectively undoing the deletion.

The default retention period for the Recycle Bin is 24 hours, which means that any files that are deleted from the cluster will be retained in the Recycle Bin for a period of 24 hours before they are permanently deleted. This retention period can be customized to suit the needs of a particular environment, but the default value is 24 hours.

**Q71.** Refer to the exhibit.



In which VM creation stage will the administrator see this dialog?

- \* Upgrading Nutanix Guest Tools
- \* During OS installation
- \* During image sysprep
- \* When powering on a UEFI VM

**Q72.** A company's security team has requested that all IT resources be hardened.

What should an administrator do to increase the security of the Nutanix environment?

- \* Enable Cluster Lockdown
- \* Enable Prism Central KMS
- \* Enable Flow
- \* Enable STIG

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