



NCA-6.5^{Q&As}

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**QUESTION 1**

Which Nutanix storage efficiency feature is suitable for nearly every workload?

- A. Erasure Coding
- B. Deduplication
- C. Compression
- D. Thick Provisioning

Correct Answer: C

Compression is a Nutanix storage efficiency feature that is suitable for nearly every workload, as it reduces the amount of data stored on disk without impacting performance. Erasure Coding, Deduplication, and Thick Provisioning are other

storage efficiency features, but they have different trade-offs and use cases. References:

<https://www.nutanix.com/content/dam/nutanix/resources/misc/ebg-nca-6-5.pdf> (page 30)

QUESTION 2

Which feature in Pulse helps secure a customer's private information?

- A. Security Central
- B. Cluster Lockdown
- C. Data-at-rest Encryption
- D. Data Obfuscation

Correct Answer: D

Data Obfuscation is a feature in Pulse that helps secure a customer's private information by obfuscating the data before it is sent to Nutanix. This ensures that any data sent to Nutanix is not visible to anyone other than the customer, and helps protect sensitive data from unauthorized access or malicious actors. Reference:

https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-pulse-c.html

QUESTION 3

In Prism Element, to which object are policies such as replication factor and storage efficiency settings applied?

- A. Container
- B. Virtual Machine
- C. Storage Pool
- D. vBlock



Correct Answer: A

In Prism Element, policies such as replication factor and storage efficiency settings are applied to Containers. A container is a logical grouping of one or more storage pools and defines the storage resources available to virtual machines. By applying policies to a container, you can set the replication factor, storage efficiency settings, and other storage-related settings for all of the virtual machines that are associated with that container. This is a fundamental concept in Nutanix Platform.

QUESTION 4

How would an administrator upgrade the LCM framework to the latest version?

- A. Run LCM pre-checks
- B. Settings/Upgrade Software
- C. Run LCM inventory
- D. Run an NCC health check

Correct Answer: B

To upgrade the LCM framework to the latest version, the administrator must go to the Settings page of the Prism Central UI, and then select the Upgrade Software option. This will show the available versions of the LCM framework, and allow the administrator to select the desired version and upgrade. Reference:

https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7:pag-lcm-upgrade-c.html

QUESTION 5

Which technology allows applications and data to move freely between runtime environments?

- A. Distributed Storage Fabric
- B. Disaster Recovery
- C. App Mobility Fabric
- D. Nutanix Move

Correct Answer: C

App Mobility Fabric is a technology from Nutanix that allows applications and data to move freely between runtime environments. It allows applications and data to be moved from one environment to another without any disruption or downtime. Reference: <https://www.nutanix.com/products/app-mobility-fabric>

QUESTION 6

Nutanix Support Asked an administrator to provide AHV logs to help solve a support request .Which task should be performed to provide log files to the support team?

- A. Run NCC Check from the command line



- B. Upload log files from /home/nutanix/data/logs folder
- C. collect logs from the health Page
- D. Enable Pulse to include additional support information

Correct Answer: A

QUESTION 7

Where can an administrator configure role-based access control (RBAC)?

- A. Self-Service Restore
- B. Prism Element
- C. Foundation
- D. Prism Central

Correct Answer: D

Role-based access control (RBAC) allows administrators to configure access control for different users and groups in the Nutanix cluster. This feature is available through Prism Central, where administrators can configure roles and permissions for different users and groups. Reference:

https://portal.nutanix.com/page/documents/details?targetId=Platform-Administrator-Guide-v5_7;pag-user-role-c.html

QUESTION 8

An Administrator Wants a VM to Communicate with two Separate VLANs. What steps should the administrator complete?

- A. Add a single NIC to the VM and Configure it for both VLANs
- B. Add two NICs to the VM and Configure one for each VLAN
- C. Turn on IPAM for autoconfiguration of VLANs
- D. Configure a security Policy to assign VLANs to the VM

Correct Answer: B

QUESTION 9

An Administrator has created a Volume Group for a specific VM on an AHV Cluster. What is the next step required to user vDisk in the VM?

- A. Attach the Volume Group to the VM
- B. Configure CHAP Authentication



C. Reboot the VMD. Bring the disk Online

Correct Answer: A

QUESTION 10

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?

- A. Purchase Mission Critical support.
- B. Purchase Ultimate licensing.
- C. Adhere to the STS release cycle.
- D. Adhere to the LTS release cycle.

Correct Answer: D

To assure system stability and support for critical applications running on a Nutanix cluster, the administrator can adhere to the LTS (Long Term Support) release cycle. LTS releases provide stability and long-term support, with a focus on maintenance and bug fixes rather than new features. This can help ensure that the system remains stable and supported during the annual maintenance window

QUESTION 11

Where can an administrator find information about the Cluster Runway?

- A. Prism Element Home Page
- B. Prism Element Analysis
- C. Prism Central Main Dashboard
- D. Prism Central Analysis

Correct Answer: C

The Cluster Runway is located in the Prism Element Analysis dashboard. The Cluster Runway provides an overview of the cluster's performance, including CPU, Memory, and Disk usage, and can be used to identify any potential performance issues. Reference: https://portal.nutanix.com/page/documents/details?targetId=Prism-Admin-Guide-v5_6:pr-dashboard-overview-c.html

QUESTION 12

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

- A. Compression



- B. Deduplication
- C. Erasure Coding
- D. Intelligent Cloning

Correct Answer: C

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

QUESTION 13

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

- A. Replicate VM Recovery Point
- B. Promote Metro Availability Protection Domain
- C. Press Migrate Button on the Protection Domain
- D. Perform a Leap Planned Failover

Correct Answer: C

QUESTION 14

A single host in a four-node AHV-based cluster experiences a complete network failure.

If more than enough resources exist in the cluster to tolerate a node failure, what happens to the user VMs running on that host?

- A. VMs remain down until network connectivity is restored.
- B. VMs stay up, but are unreachable until connectivity is restored.
- C. VMs automatically restart on the three remaining hosts.
- D. VMs are live-migrated to the three remaining hosts.

Correct Answer: B

In the case of a single host in a four-node AHV-based cluster experiencing a complete network failure, the user VMs running on that host will stay up, but will be unreachable until connectivity is restored. This is because if more than enough resources exist in the cluster to tolerate a node failure, the VMs will continue to run, but will be unable to communicate with other nodes in the cluster due to the network failure. This is stated in the official Nutanix Certified Associate (NCA) v6.5 study guide on page 49, under the heading "Virtual Machine Availability in the Event of Node



Failure".

QUESTION 15

Which feature enables Image Placement Policies to be mapped to target clusters?

- A. YAML
- B. Labels
- C. JSON
- D. Categories

Correct Answer: D

Categories enable Image Placement Policies to be mapped to target clusters by defining a set of key-value pairs that can be applied to clusters, hosts, or VMs. Categories can be used to control where images are replicated and stored.

References:

<https://www.nutanix.com/content/dam/nutanix/resources/misc/ebg-nca-6-5.pdf> (page 23)

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