

2023 100% Free NCA-6.5 Daily Practice Exam With 135 Questions [Q31-Q53]



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NCA-6.5 exam torrent Nutanix study guide

QUESTION 31

Which AHV feature proactively monitors a Nutanix cluster for compute and storage I/O contention or hotspots over a period of time?

- * Genesis
- * ADS
- * Prism
- * Cluster Maintenance Utility

Genesis is an AHV feature that proactively monitors a Nutanix cluster for compute and storage I/O contention or hotspots over a period of time. It can detect and alert administrators to any issues related to resource utilization and contention, allowing them to take proactive steps to resolve any issues before they become larger problems. Reference:

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

QUESTION 32

A customer requires the ability to block all network traffic between their VDI VMs and their application VMs running on their Nutanix AHV clusters.

What Nutanix product would meet this requirement?

- * Beam
- * Calm
- * Era
- * Flow

QUESTION 33

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?

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

If a single host in an AHV-based cluster experiences a complete network failure, and if there are enough resources available in the cluster to tolerate a node failure, then the user VMs running on the failed host will be automatically live-migrated to the remaining three hosts in the cluster. This ensures that the VMs stay up and running even if one of the hosts fails. Reference:

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

QUESTION 34

An administrator wants to have a single chart with the logical usage for three storage containers. Which action should the administrator perform?

- * Create a new Metric Chart
- * See Storage usage under Prism Element Health page
- * Create a new Entity Chart
- * See Usage Summary in the Storage Containers detailed view

An administrator can create an Entity Chart to view the logical usage for multiple storage containers in one chart. This chart can be created from the Prism Element dashboard, and it provides a visual representation of the logical usage of each container, allowing administrators to easily compare the usage of multiple containers at once.

QUESTION 35

Which product or feature is most suitable for deploying a Microsoft SQL cluster in a Nutanix environment?

- * Volumes
- * Objects
- * NFS shares
- * Files

In a Nutanix environment, the product or feature most suitable for deploying a Microsoft SQL cluster is Nutanix Objects. Nutanix Objects is a S3-compatible object storage solution that provides a highly scalable and durable storage for unstructured data. It is built on top of the Nutanix Distributed File System (NDFS) and provides a high-performance, scalable, and highly available storage solution.

One of the key features of Nutanix Objects is its ability to support Microsoft SQL Server Always On Availability Groups (AAG) on S3 object storage. This allows you to deploy a highly available SQL cluster on Nutanix, with the ability to failover SQL services to a different node in the event of a failure, and provide high availability and disaster recovery for SQL databases.

QUESTION 36

Which directory should the LCM Framework Bundle be extracted to on a dark site web server in order to update the LCM Framework?

- * release
- * upgrade
- * software
- * install

When updating the LCM Framework on a dark site web server, the LCM Framework Bundle should be extracted to the `release` directory. This directory is specifically designated for holding the updated LCM Framework files, and the update process will look for the files in this location. Extracting the bundle to a different directory, such as `upgrade`, `software`; or `install`; would not be sufficient as the LCM Framework update process may not be able to find the files. Reference:

https://portal.nutanix.com/page/documents/details?targetId=LCM-Guide-v2_11:lc-updating-the-lcm-framework_lc-updating-the-lcm-framework.html

QUESTION 37

Which Windows technology does AHV support to prevent authentication theft?

- * Endpoint Manager
- * Azure AD Multi-Factor
- * Windows Defender Credential Guard
- * Active Directory federation Services

QUESTION 38

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

QUESTION 39

An administrator notices that a VM is slow and unresponsive. The administrator wants to compare performance to other VMs on cluster.

Which chart type is best suited to display multiple VM performance metrics for diagnosis?

- * Dashboard Chart
- * Entity Chart
- * Analysis Chart
- * Metric Chart

QUESTION 40

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 & OS field
- * Use the Prism Central analysis Panel to create a pie chart by OSType

Explanation/Reference:

Please Re Check From your Side and let me know if the question correction is required

QUESTION 41

An administrator receives several alerts indicating a Nutanix cluster is running out of memory. As a preemptive measure, the administrator wishes to try to reduce the consumed resources, if possible.

Which two predefined views for Reporting best display potentially reclaimable resources? (Choose two.)

- * List of Inactive VMs
- * List of Bully VMs
- * Memory Runway
- * List of Overprovisioned VMs

To display potentially reclaimable resources in a Nutanix cluster running out of memory, an administrator can use the List of Inactive VMs and List of Overprovisioned VMs predefined views for Reporting

QUESTION 42

What is the biggest benefit of the Redfish Protocol and LCM?

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

QUESTION 43

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

- * YAML
- * Labels
- * JSON
- * Categories

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. Reference:

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

QUESTION 44

An administrator manages a memory-sensitive application that consists of multiple VMs. The administrator needs to understand if workloads, historically, have been evenly distributed across these VMs.

What should the administrator do?

- * Create an Alert Policy with VM as entity type and memory usage as a metric.
- * Run cluster efficiency summary report selecting all the VMs that constitute the applications.
- * Add Memory usage chart to Analysis dashboard for each required VM.
- * Filter VMs list by using Memory Usage.

Run cluster efficiency summary report selecting all the VMs that constitute the applications. Running a cluster efficiency summary report selecting all the VMs that constitute the application will allow the administrator to understand if workloads, historically, have been evenly distributed across these VMs. This report will provide information about the average and peak memory usage for each of the VMs. Reference:

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

QUESTION 45

Which IP address can be used to directly access Prism Element?

- * Foundation VM IP address
- * IP address of any CVM in the cluster
- * IP address of any Prism Central VM
- * AHV host br0 IP address

Prism Element is the management interface for Nutanix clusters and it can be accessed through the IP address of any CVM (Controller Virtual Machine) in the cluster. The CVM is a virtual machine that runs on each Nutanix node and is responsible for managing the storage and compute resources of the node. Each CVM has a unique IP address, and any of these IP addresses can be used to directly access Prism Element.

Accessing Prism Element through the IP address of a CVM allows the administrator to manage the cluster, including configuring storage, creating and managing virtual machines, and monitoring the health of the cluster.

It's important to note that Prism Central is a separate application and it doesn't have the same functions as Prism Element, it's mainly used for multi-cluster management.

You can find more information on this topic in the Nutanix Administrator Guide, which is available on the Nutanix support website https://portal.nutanix.com/#/page/docs/details?targetId=Admin-Guide-Prism-v5_24:Admin-Guide-Prism-v5_24

QUESTION 46

How should an administrator view the storage consumed by the recycle bin?

- * On the storage Overview dashboard
- * In the Cluster Details Page of the cluster setting
- * On the storage Summary Widget on the Prism Dashboard
- * In the Diagram or Table view on the Storage dashboard

QUESTION 47

Which storage protocol is used to attach a container to an ESXi host?

- * CIFS
- * FCoE
- * SMB
- * NFS

QUESTION 48

Which cluster configuration is LCM unable to perform firmware upgrades against?

- * Five-node
- * Three-node
- * Two – node
- * Single-node

LCM (Lifecycle Manager) is a tool provided by Nutanix to automate software and firmware upgrades for Nutanix clusters. However, LCM is unable to perform firmware upgrades against a (D) Single-node cluster configuration.

This is because a single-node cluster does not have any redundancy, so there is no way to perform an upgrade without taking the entire cluster offline. In contrast, multi-node clusters can typically be upgraded in a rolling fashion, with one or more nodes being upgraded at a time while the rest of the cluster remains online.

LCM is capable of performing firmware upgrades against two-node, three-node, and five-node cluster configurations, as long as they meet the other requirements for LCM support (such as being on a supported AOS release and having the appropriate network connectivity).

QUESTION 49

An Administrator needs to provide users access to prism Central Projects.

What Source of user accounts must the administrator Use?

- * Local Users
- * Open LDAP
- * Active Directory
- * SAML2 Provider

QUESTION 50

What is required to successfully live migrate a VM Between two AHV clusters?

- * Stretch L2 networks across the primary and recovery sites
- * Configure a Protection domain with synchronous replication
- * Install and Configure the witness VM on a third Site.
- * Both clusters must be managed by the same prism central

QUESTION 51

An Administrator has recieved the following critical alert:

Node 192.168.148.172 is marked to be detached from metadata the administrator has opened a case with Nutanix and the support engineer has requested more information about the error.

which two action should the administrator take in the health check dashboard to collect the requested information? choose two

- * Open A remote support tunnel
- * Run Logbay
- * Create an entity chart
- * Run Nutanix cluster check

QUESTION 52

An administrator has recently expanded the Nutanix cluster and noticed that NCC health checks and alerts for newly-added nodes are not being received via email.

What should administrator do to resolve this issue?

- * Add CVM IP in SMTP Relay
- * Configure SMTP
- * Reboot Nutanix cluster
- * Run NCC Health Check

In order to resolve the issue of not receiving NCC health checks and alerts for newly-added nodes via email, the administrator should configure SMTP (Simple Mail Transfer Protocol) settings. SMTP is used to send email notifications from the Nutanix cluster, and if it is not configured properly, the health checks and alerts will not be sent via email. The administrator should check the SMTP settings in the Prism web console and ensure that they are correct and that the correct email address is specified for receiving notifications. This will ensure that the health checks and alerts for the newly-added nodes are sent to the correct recipient.

QUESTION 53

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?

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

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](#);

Nutanix NCA-6.5 (Nutanix Certified Associate v6.5) exam is a certification exam designed for IT professionals who wish to validate their knowledge and skills in the installation, configuration, and management of Nutanix products. NCA-6.5 exam is an entry-level certification that is ideal for individuals who are interested in pursuing a career in cloud computing or hyper-converged infrastructure.

The NCA-6.5 certification exam is intended for IT professionals who have a foundational understanding of virtualization, storage, and networking concepts. Candidates for NCA-6.5 exam should have experience with Nutanix solutions, including deploying and managing Nutanix clusters and virtual machines. NCA-6.5 exam consists of 60 multiple-choice questions and has a time limit of 90 minutes. Upon passing the exam, candidates will be awarded the Nutanix Certified Associate (NCA) v6.5 certification, which is valid for two years. The NCA-6.5 certification is an excellent way for IT professionals to demonstrate their expertise in Nutanix

solutions and advance their careers in the IT industry.

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