Actual exam question from Nutanix's NCA

Question #: 1

Topic #: 1

[All NCA Questions]

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

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 2

Topic #: 1

[All NCA Questions]

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

A. Foundation VM IP address

B. IP address of any CVM in the cluster

C. IP address of any Prism Central VM

D. AHV host br0 IP address

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 3

Topic #: 1

[All NCA Questions]

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

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 4

Topic #: 1

[All NCA Questions]

What is the purpose of Discoveries within the Nutanix Support Portal?

A. To identify clusters that are affected by known issues.

B. To provide an audit trail of cluster logins.

C. To identify VMs that require OS updates or patching.

D. To provide forecasting of cluster resource utilization.

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Actual exam question from Nutanix's NCA

Question #: 5

Topic #: 1

[All NCA Questions]

From Prism Central, how can an administrator access a cluster?

A. Use the VM Summary view.

B. Use the cluster quick access from the main dashboard widget.

C. Use the cluster quick access from the Settings page.

D. Use the Cluster Summary view.

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 6

Topic #: 1

[All NCA Questions]

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

    A. Self-Service Restore

    B. Prism Element

    C. Foundation

    D. Prism Central

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 7

Topic #: 1

[All NCA Questions]

Which Prism Central feature can map images to target clusters using categories?

A. Image Replication Policies

B. Image Placement Policies

C. Protection Domain Policies
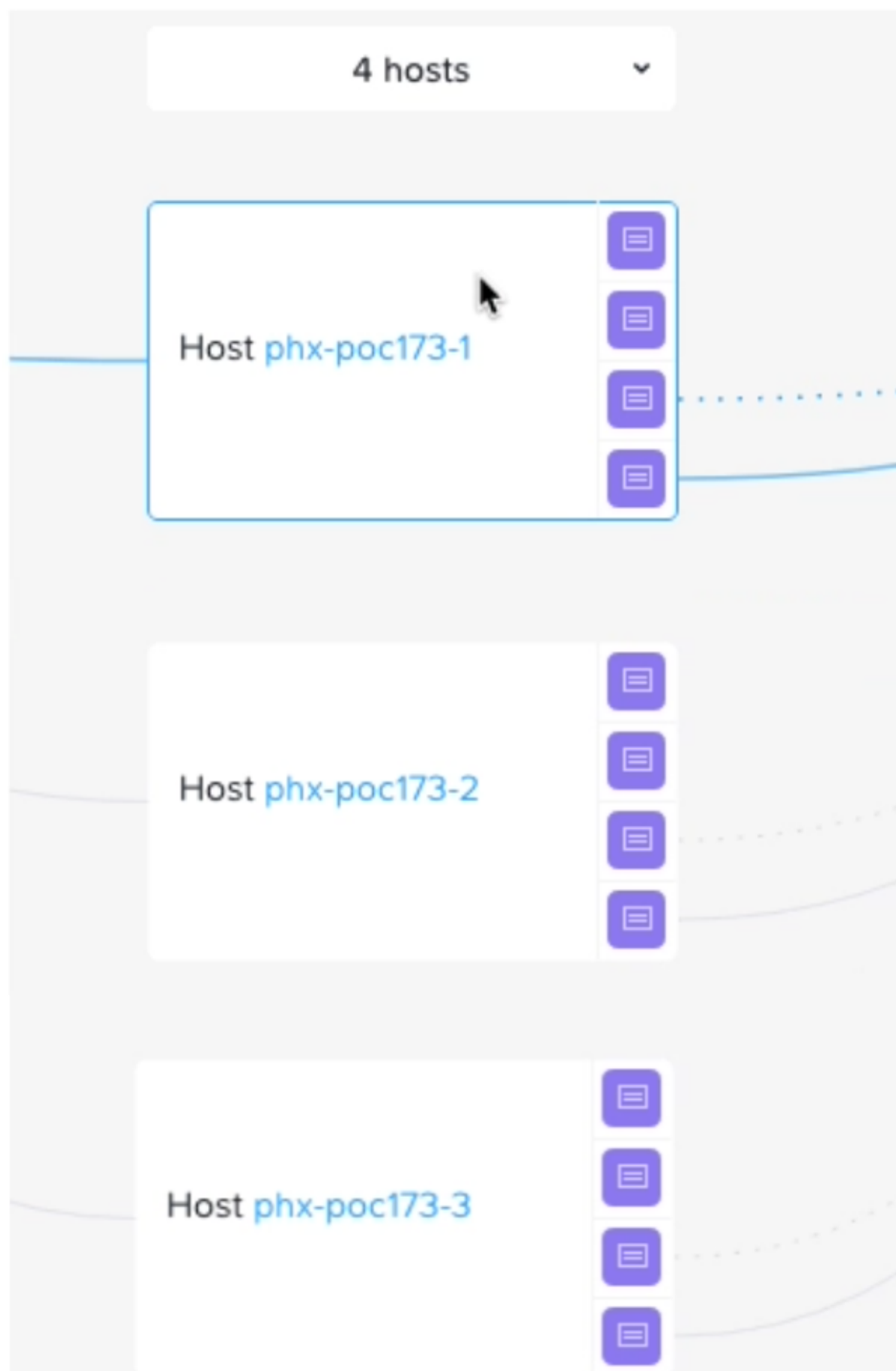
D. Storage Policies

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 8

Topic #: 1

[All NCA Questions]

Refer to the exhibit.

What is true about the network uplink ports?

    A. One is connected at 1GbE and the other is 10GbE.

    B. They are configured in Active-Backup mode.

    C. All are connected, but only two are carrying traffic.

    D. They are configured in Active-Active mode.

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 9

Topic #: 1

[All NCA Questions]

Which type of network supports automatically assigning IP addresses to VMs?

A. Floating IP Network

B. Management traffic network

C. Virtual Network with IPAM

D. Virtual Private Cloud Networks

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 10

Topic #: 1

[All NCA Questions]

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

A. release

B. upgrade

C. software

D. install

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 11

Topic #: 1

[All NCA Questions]

Which feature or configuration is best for securing network traffic between the management and storage replication environments?

A. Use of Firewall Rules

B. Network Segmentation

C. VM Anti-Affinity Rules

D. Different Storage Containers

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 12

Topic #: 1

[All NCA Questions]

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

A. Compression

B. Deduplication

C. Erasure Coding

D. Intelligent Cloning

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 13

Topic #: 1

[All NCA Questions]

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?

A. Create an Alert Policy with VM as entity type and memory usage as a metric.

B. Run cluster efficiency summary report selecting all the VMs that constitute the applications.

C. Add Memory usage chart to Analysis dashboard for each required VM.

D. Filter VMs list by using Memory Usage.

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 14

Topic #: 1

[All NCA Questions]

An administrator receives an alert that a node has failed within a Nutanix AHV-based 10-node cluster. Before the failure, the cluster CPU and memory utilization was around 50%.

What actions will the cluster automatically take?

A. VMs will be unavailable until the affected host is fully functional.

B. VMs will migrate to other nodes in the cluster with no user impact.

C. The cluster will enter read-only mode and the VMs will be powered down to preserve data.

D. All HA-protected VMs will be automatically restarted on other nodes in the cluster.

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 15

Topic #: 1

[All NCA Questions]

An administrator wants to have a single chart with the logical usage for three storage containers.

Which action should the administrator perform?

A. Create a new Metric Chart

B. See Storage usage under Prism Element Health page

C. Create a new Entity Chart

D. See Usage Summary in the Storage Containers detailed

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 16

Topic #: 1

[All NCA Questions]

What is Nutanix's scale-out storage technology that makes its hyperconverged platform possible?

A. Distributed File Services

B. Distributed Storage Fabric

C. HDD/SDD Storage Tiers

D. Hot swappable NVMe/SSD

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 17

Topic #: 1

[All NCA Questions]

What is the effect of enabling Flash Mode?

    A. Sets the storage tier preference to HDD

    B. Sets the storage tier preference to SSD

    C. Sets the metadata tier preference to HDD

    D. Sets the metadata tier preference to SSD

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 18

Topic #: 1

[All NCA Questions]

An administrator needs to send weekly performance reviews to several line of business managers about VMs they are managing.

Which tool should the administrator use to satisfy this task?

    A. Prism Elements Links to Chart analysis

    B. Prism Elements New Alert policy

    C. Prism Central Projects with data export

    D. Prism Central Reports with a schedule

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 19

Topic #: 1

[All NCA Questions]

Which address allows external connections to Nutanix storage presented by the Volumes feature?

A. Prism Central IP

B. Prism Central IP

C. Data Services IP

D. IPMI IP

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 20

Topic #: 1

[All NCA Questions]

What does Replication Factor 2 (RF2) refer to?

- A. Number of blocks that can be lost without impact

- B. Number of nodes that can be lost without impact

- C. Number of disks that can be lost in the cluster

- D. Number of copies of data written in the cluster

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 21

Topic #: 1

[All NCA Questions]

Which Nutanix storage service can store Petabytes of unstructured data and supports S3 APIs?

A. DSF

B. Files

C. Volumes

D. Objects

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 22

Topic #: 1

[All NCA Questions]

Which LCM feature simplifies upgrades on clusters without Internet access?

A. One-Click Upgrade

B. NCC

C. Direct Upload

D. FTP

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 23

Topic #: 1

[All NCA Questions]

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

    A. Erasure Coding

    B. Deduplication

    C. Compression

    D. Thick Provisioning

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 24

Topic #: 1

[All NCA Questions]

What is the minimum cluster size for Redundancy Factor 3?

A. 3 nodes

B. 4 nodes

C. 5 nodes

D. 6 nodes

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 25

Topic #: 1

[All NCA Questions]

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

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 26

Topic #: 1

[All NCA Questions]

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

A. HBA and NIC card update twice as quickly

B. AOS and AHV update twice as quickly

C. BMC and BIOS update twice as quickly

D. SSD and HDD update twice as quickly

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 27

Topic #: 1

[All NCA Questions]

Within a Nutanix cluster, an administrator is getting frequent failure alerts of the Cassandra and Stargate services for one of the nodes. What action will be taken by the cluster?

A. Put host in Maintenance Mode

B. Redirect I/O path to another CVM

C. Remove the host from cluster

D. Reboot Guest VMs to another hosts

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 28

Topic #: 1

[All NCA Questions]

What requirement needs to be considered before configuring Replication Factor of 1 (RF1)?

    A. Application resiliency

    B. Hypervisor

    C. RAID configuration

    D. Node count

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 29

Topic #: 1

[All NCA Questions]

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.

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 30

Topic #: 1

[All NCA Questions]

Refer to the exhibit.

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?

A. 1

B. 2

C. 3

D. 4

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 31

Topic #: 1

[All NCA Questions]

Which NIC-teaming configuration balances network traffic based on source/destination IP addresses and TCP/UDP ports?

- A. Active-Active with MAC Pinning

- B. Active-Active with LACP

- C. Active-Backup

- D. Active-Passive

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 32

Topic #: 1

[All NCA Questions]

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

A. Genesis

B. ADS

C. Prism

D. Cluster Maintenance Utility

Show Suggested Answer

Actual exam question from Nutanix's NCA

Question #: 33

Topic #: 1

[All NCA Questions]

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?

A. Create VM Protection Policies

B. Set the VM labels as firewalls

C. Create VM Annotations

D. Set the VMs as Agent VMs

Show Suggested Answer