



NCP-MCI-6.5^{Q&As}

Nutanix Certified Professional - Multicloud Infrastructure (NCP-MCI)
v6.5 exam

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QUESTION 1

An administrator needs to report on any alerts generated by a Nutanix cluster that affected the cluster's availability over the past 10 days. Which method should be used to locate these events?

- A. On the Health dashboard, use the Log Collector to export data based on time stamp.
- B. Export the cluster event log to a CSV on the Alerts dashboard.
- C. On the Alerts dashboard, filter based on Impact Type and the desired Time Range.
- D. Configure an Alert Policy to generate an email with the data on the Health dashboard.

Correct Answer: C

Reference: <https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v55:mulalerts-management-pc-c.html>

QUESTION 2

Refer to the exhibit.

Severity	Resource Entry	Impact Type	Severity	Resource	Created Time
Critical	Host 16.7193.28 is using default password	Configuration	Critical	Host 16.7193.28	16/04/22 07:58:29 PM
Critical	Host 16.7193.29 is using default password	Configuration	Critical	Host 16.7193.29	16/04/22 07:58:29 PM
Critical	Host 16.7193.30 is using default password	Configuration	Critical	Host 16.7193.30	16/04/22 07:58:29 PM
Critical	Host 16.7193.27 is using default password	Configuration	Critical	Host 16.7193.27	16/04/22 07:58:29 PM
Critical	Host 16.7193.31 is using default password	Configuration	Critical	Host 16.7193.31	16/04/22 07:58:29 PM
Critical	Host 16.7193.26 is using default password	Configuration	Critical	Host 16.7193.26	16/04/22 07:58:29 PM
Critical	Host 16.7193.25 is using default password	Configuration	Critical	Host 16.7193.25	16/04/22 07:58:29 PM

Which two initial cluster configuration tasks were missed during the deployment process? (Choose two.)

- A. Host password changes
- B. Password policy changes
- C. BIOS password changes
- D. CVM password changes

Correct Answer: AD

**QUESTION 3**

An administrator recently added new SSDs to a Nutanix cluster and knows the firmware will be out of date, Due to security constraints, the cluster does not have access to the Internet. Which two steps must be completed to update the firmware? (Choose two.)

- A. Download the disk firmware from the OEM's website.
- B. Download a darksite bundle and deploy an internal webserver,
- C. Select Upgrade Software, then upload the firmware bundle.
- D. update the LCM Source and URL to access the firmware bundle.

Correct Answer: BC

Download a dark site bundle and deploy an internal web server¹²³. Select Upgrade Software, then upload the firmware bundle using the Direct Upload option in LCM¹.

QUESTION 4

An administrator needs to relocate an AHV cluster to a new datacenter during a maintenance window. The cluster will use the same IPs in the new datacenter.

Which two steps should be taken to prepare for this task? (Choose two.)

- A. Reconfigure IPMI for the new datacenter
- B. Shut down all user VMs in the cluster
- C. Relocate the linked LDAP server
- D. Stop all Nutanix Files clusters

Correct Answer: CD

QUESTION 5

An administrator logs into the Nutanix Support Portal and notices there is a new version of the LCM Framework available. In an effort ensure LCM is providing the latest features, the administrator would like to upgrade LCM. How can the LCM Framework be upgraded?

- A. Perform an LCM inventory
- B. Upload the latest LCM Framework as an image in the image Configuration in Prism
- C. Upload the latest LCM Framework bundle via Upgrade Software in Prism
- D. Upgrade AOS

Correct Answer: A

**QUESTION 6**

An administrator wants to ensure that data in a container is stored in the most space efficient manner as quickly as possible after being written,

Which space efficiency too meets this requirement?

- A. Inline Compression
- B. Thin Provisioning
- C. Cache Deduplication
- D. Erasure Coding

Correct Answer: A

Explanation: inline compression is a technique that compresses all incoming write I/O operations over 4 KB inline in the persistent write buffer (oplog)²³. This approach enables you to use oplog capacity more efficiently and helps drive sustained performance². From AOS 5.18 onward, inline compression (compression delay=0) is enabled by default for all new containers²⁴. <https://portal.nutanix.com/page/documents/solutions/details?targetId=TN-2032-Data-Efficiency:TN-2032-Data-Efficiency>

QUESTION 7

An administrator wants to receive an environment summary report when a host failure occurs. Which action would address the administrator's need?

- A. Enable App Discovery
- B. Edit report schedule
- C. Configure an alert policy
- D. Create a playbook

Correct Answer: C

Explanation: An alert policy can be configured to send out an environment summary report when a host failure occurs. This can be done by creating a policy that triggers an alert whenever a host fails and then configuring the policy to send out a report that provides a summary of the environment in which the failure occurred. This will allow the administrator to quickly get a view of the environment after a failure occurs, allowing them to take the necessary steps to address the issue. https://www.nutanix.com/support-services/training-certification/certifications/certification-details-nutanix-certified-professional-multicloud-infrastructure-6_5

QUESTION 8

Which data savings technique utilizes stripes and parity calculation in a Nutanix cluster?

- A. Compression
- B. Parity strip



C. Erasure coding

D. Deduplication

Correct Answer: C

QUESTION 9

An administrator receives complaints of poor performance in a particular VM.

Based on the VM performance metric, what is the most likely cause of this behavior?

A. Oplog is full cannot serve IO request from this VM.

B. The host's CPU is severely overloaded.

C. SSD tier is not big enough to serve workloads' IOPS demand.

D. The VM needs more vCPUs

Correct Answer: C

Explanation: one of the key metrics to consider for VM performance is IOPS (Input/Output Operations Per Second), which is a measure of the number of input/output requests a device processes per second³. Another metric is throughput, which is a measure of how much data a device transfers per second³.

QUESTION 10

How should an administrator correct an SSL error when connecting to a Nutanix cluster?

A. Add the SSL certificate to the workstation's trusted people store

B. Create a new self-signed certificate for the cluster with a 4096 bit key

C. Create a new SSL certificate for the cluster signed by an AD certificate authority

D. Add the SSL certificate to an AD group policy applied to all computer objects

Correct Answer: C

QUESTION 11

What requires iSCSI initiator configuration in the guest OS to use Volumes?

A. SQL Server Always On Availability Group

B. Microsoft Windows Failover Cluster

C. Oracle RAC

D. Exchange DAG



Correct Answer: B

QUESTION 12

What is the proper sequence to perform a one-click upgrade to a Nutanix cluster?

Item instructions: For each procedure, indicate the order in which that procedure must take place to meet the item requirements.

Not all procedures are valid. Identify any invalid ones using the drop-down option.

Hot Area:



Answer Area

Procedure

Select the Gear icon at top right of the page

Step

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Select the component to upgrade

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Once the download completes, select Upgrade

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Log into Prism Central

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Select the User login name at the top right of the page

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

On the left, select Upgrade Prism Central

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Click Download

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

On the left under Settings, select Upgrade Software

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Log in to PrismElement

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step



Correct Answer:



Answer Area

Procedure

Select the Gear icon at top right of the page

Step

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Select the component to upgrade

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Once the download completes, select Upgrade

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Log into Prism Central

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Select the User login name at the top right of the page

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

On the left, select Upgrade Prism Central

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Click Download

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

On the left under Settings, select Upgrade Software

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step

Log in to PrismElement

▼

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Invalid Step



Step 1 ---> Login into Prism Element.

Step 2 ---> Select the Gear Icon at top right of the page.

Step 3 ---> Click Upgrade Software.

Step 4 ---> Select the component to upgrade.

Step 5 ---> Click download.

Step 6 ---> Once the download completes, select upgrade.

Invalid:1 - Select Prism Central.

2 - Select user login.

3 - On left select upgrade Prism Central.

QUESTION 13

A newly-hired Nutanix administrator was tasked by the CIO to create a single VM on a test network. The network administrator stated that a native VLAN was used on the Cisco TOR switches with the following parameters: IP address:172.16.1.2 Network Mask: 255.255.255.0 Default gateway: 172.16.1.1 VLAN:1 The same parameters were used to create a network profile on Nutanix, but the when the VM was on ... What should the Nutanix administrator do to fix this issue?

- A. Nutanix removed support for native VLAN.
- B. Change VLAN field from vlan. 1 to vlan.0.
- C. Enable IPv6 on the VM.
- D. Use DHCP as opposed to static IP

Correct Answer: B

QUESTION 14

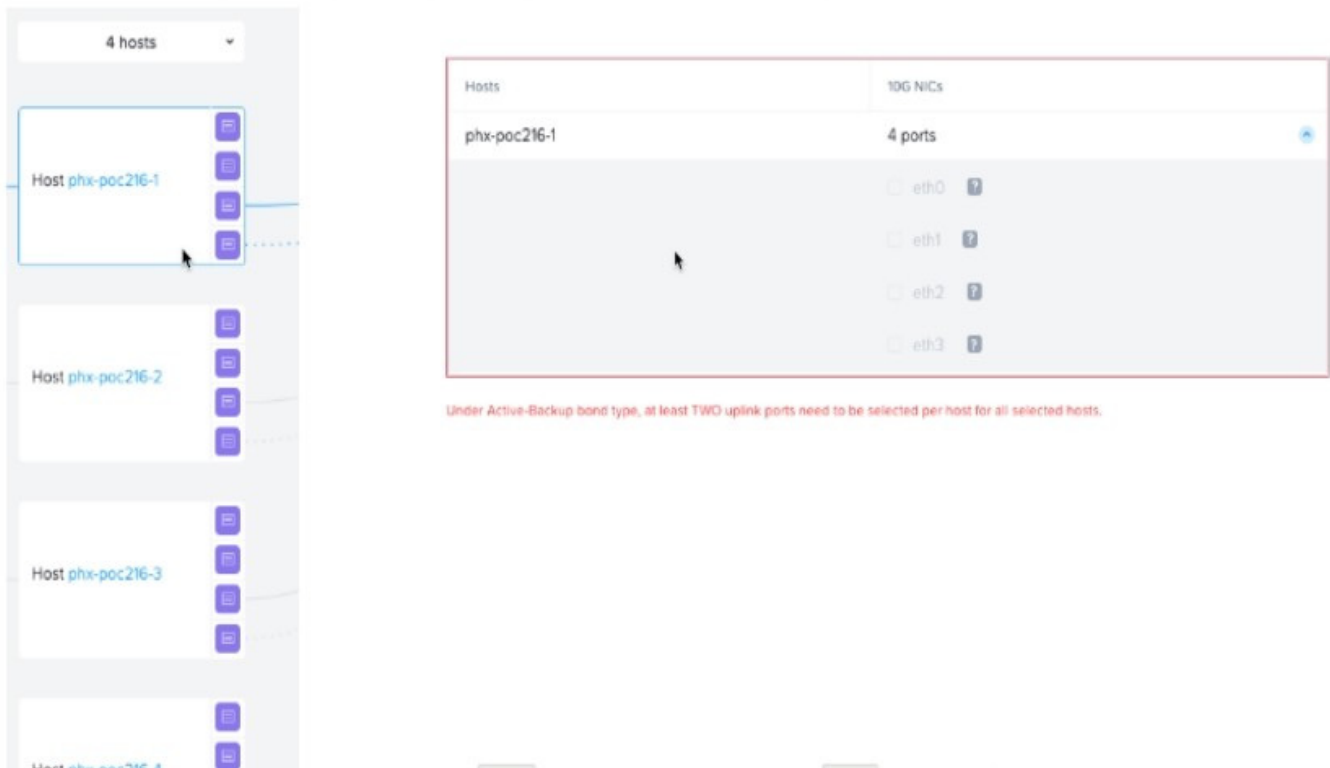
Which two methods are available when migrating a VM from a legacy 3-tier solution using VMware ESXi to AHV? (Choose two.)

- A. Deploy the Move appliance.
- B. Use Cross-Hypervisor DR.
- C. Import the .vmdk into the Image Service.
- D. Use shared nothing live migration.

Correct Answer: AB

**QUESTION 15**

Refer to Exhibit:



An administrator is attempting to create an additional virtual switch on a newly deployed AHV cluster, using the two currently disconnected interfaces. The administrator is unable to select the disconnected interfaces when creating the virtual switch.

What is the likely cause of this issue?

- A. Only one interface is available on the selected hosts.
- B. Interfaces must be connected to the network before they can be assigned.
- C. The disconnected interfaces are currently assigned to virtual switch 0,
- D. Interfaces must be assigned to virtual switches via the cli

Correct Answer: C

Explanation: when you create a new virtual switch on AHV, you need to select one or more uplink interfaces that are connected to a physical network. You cannot select an interface that is already assigned to another virtual switch. By default, AHV creates a virtual switch called br0 that uses all available interfaces on the host. Therefore, if you want to use some of those interfaces for another virtual switch, you need to remove them from br0 first.

<https://masteringnutanix.com/2020/06/13/how-to-create-an-ahv-virtual-switch-with-single-uplink/>