

## NCP-MCI-6.5<sup>Q&As</sup>

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

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**QUESTION 1**

Which two predefined views can be added to a report to identify inefficient VMs?

- A. Underprovisioned VMs List
- B. Zombie VMs List
- C. Constrained VMs List
- D. Overprovisioned VMs List

Correct Answer: CD

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**QUESTION 2**

What is the recommended approach for a constrained VM?

- A. Reboot the VM
- B. Delete the VM.
- C. Increase the VM resources.
- D. Decrease the VM resources

Correct Answer: C

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**QUESTION 3**

An administrator needs to boot a VM to a bootable CD. The administrator tries to configure the VM to boot to it, select to add disk, and goes to the images available. The image for the bootable CD is unavailable. What is the likely issue?

- A. The CD-ROM interface is too slow.
- B. The administrator selected a disk attached before it can boot to a CD.
- C. The VM needs to have a standard disk attached before it can boot to a CD.
- D. The bootable CD image is corrupted during creation.

Correct Answer: B

Reference: <https://next.nutanix.com/prism-infrastructure-management-26/booting-vm-to-cd-no-drives-present-31800>

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**QUESTION 4**

An administrator needs to shut down an AHV cluster to relocate hardware. The administrator upgrades NCC and runs health checks.

Which steps should the administrator perform next?

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

Hot Area:

## Procedure

## Step

Shut down CVMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Nodes

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Guest VMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Stop the Cluster

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Correct Answer:

**Procedure**

**Step**

Shut down CVMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Nodes

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Shut down Guest VMs

	▼
Step 1	
Step 2	
Step 3	
Step 4	

Stop the Cluster

	▼
Step 1	
Step 2	
Step 3	
Step 4	

**QUESTION 5**

Where can an administrator change a CVM password?

- A. KMS Server Terminal
- B. CVM setting in Prism Element
- C. CVM setting in Prism Central
- D. Prism CVM VM Console

Correct Answer: D

Reference: <https://next.nutanix.com/installation-configuration-23/modifying-passwords-in-nutanix-environment-33538>

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**QUESTION 6**

After configuring modules for a Remote Syslog Server, the settings are as shown. The administrator notices that even though the level parameter is set to EMERGENCY, that all monitor logs are being sent.

```
<ncli> rsyslog-config list-modules server-name=nutanix  
  
Module Name           : STARGATE  
Log Level              : EMERGENCY  
Include Monitor Logs  : true
```

What is the likely cause of this issue?

- A. A second rsyslog server is configured to send all monitor logs.
- B. Having the Module Name set to STARGATE sends all monitor logs regardless of the level.
- C. A Log Level of EMERGENCY includes all monitor logs.
- D. The true setting for Include Monitor Logs sends all monitor logs regardless of the level.

Correct Answer: D

Explanation: This means that the rsyslog server is configured to include all monitor logs in addition to the messages with EMERGENCY level.

It has a level parameter that specifies the severity of messages to be logged<sup>2</sup>. The level parameter can have one of eight values: EMERG (emergency), ALERT, CRIT (critical), ERR (error), WARNING, NOTICE, INFO (informational), and

DEBUG2.

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**QUESTION 7**

Administrator is creating a Windows 10 VM that will be used for a virtual desktop template. After creating the VM and booting to the ISO, the administrator is unable to install Windows and receives the following error.

We couldn't find any drives. To get a storage driver, click Load driver.

What steps does the administrator need to take to install the OS?

- A. Load the Nutanix VirtIO Serial Bus Driver.
- B. Load the VirtIO Network Ethernet Adapter.
- C. Load the Nutanix Virtual Balloon Driver.
- D. Load the Virtual SCSI pass-through controller.

Correct Answer: D

### QUESTION 8

Refer to the exhibit.

```
admin@NTNX:~$ manage_ovs show_uplinks
Bridge: br0
Bond: br0-up
bond_mode: balance-tcp
interfaces: eth3 eth2 eth1 eth0
lacp: active
lacp-fallback: false
lacp_speed: fast
admin@NTNX:~$
```

An administrator is adding a new node to a cluster. The node has been imaged to the same versions of AHV and AOS that the cluster running, configured with appropriate IP addresses, and br0-up has been configured the same the existing

uplink bonds.

When attempting to add the node to the cluster with the Expand Cluster function in Prism , the cluster is unable to find the new node.

Based on the above output from the new node, what is most likely the cause of this issue?

- A. The ports on the upstream switch are not configured for LACP.
- B. The existing and the expansion node are on different VLANs.

- C. There is a firewall blocking the discovery traffic from the tlu
- D. LACP configuration must be completed after cluster expansion

Correct Answer: B

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**QUESTION 9**

An administrator has been asked to enable block awareness and increase the fault tolerance to FT2 on a Nutanix AHV cluster with the following configuration:

Four blocks

One node per block

Will the administrator be able to accomplish these tasks?

- A. No-Fault tolerance changes are not supported.
- B. Yes-FT2 requires a minimum of three nodes.
- C. Yes-Block awareness requires a minimum of three blocks.
- D. No-FT2 requires a minimum of five nodes.

Correct Answer: D

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**QUESTION 10**

The Linux administration team has requested access rights to any current or future Linux VM in the environment. What entity should be selected when assigning this new role?

- A. Image
- B. AHV Cluster
- C. Category
- D. Project

Correct Answer: D

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**QUESTION 11**

How many Prism Central instances are required to deploy Leap?

- A. One per availability zone
- B. One per customer environment



- C. One per physical site
- D. One per AHV cluster

Correct Answer: A

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### QUESTION 12

Which Nutanix service control ncli, the HTML5 UI, and Rest API?

- A. Prism
- B. Cassandra
- C. Zookeeper
- D. Chronos

Correct Answer: A

Explanation: Prism is the central service control used by Nutanix to manage the clusters. It provides a unified view of the entire system, and it is used to control the HTML5 UI, the nCLI, and the REST API. Prism is used to manage the

resources of the system, such as the nodes, storage, and networks, as well as to monitor the performance of the system and the applications running on it.

<https://www.nutanixbible.com/2f-book-of-basics-cluster-components.html> PrismKey Role: UI and API

Prism is the management gateway for components and administrators to configure and monitor the Nutanix cluster. This includes Ncli, the HTML5 UI, and REST API.

Prism runs on every node in the cluster and uses an elected leader like all components in the cluster. All requests are forwarded to the leader using Linux Iptables. This allows access to PRISM using any CVM Ip address.

Prism communicates with Zeus for cluster configuration data and Cassandra for statistics to present to the user. It also communicates with the ESXi hosts for VM status and related information

These are only some of the essential services that make up the CVM functionality. For more information on all the services and various Nutanix Cluster components, refer to the portal documentation.

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### QUESTION 13

Where are Leap Availability Zones configured?

- A. Cloud Connect
- B. Controller VM
- C. Prism Element
- D. Prism Central

Correct Answer: D

Explanation: Terminology Availability Zone ?it is represented by all resources (Nutanix Clusters) connected to Prism Central or Xi Leap Availability zone. Depends on the architecture, Availability zone can represent geographic territory, datacenter or server room in the datacenter. Protection policies ?in protection policies you set up (RPO, Retention), rules to auto-apply policies to virtual machines.

<https://vmwaremine.com/2019/02/08/nutanix-leap-runbooks-part-1/#sthash.VwrzSzhQ.dpbs>

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## QUESTION 14

In the event of a disk failure, which process will immediately and automatically scans Cassandra to find all data previously hosted on the failed disk, and all disks in that node?

- A. Curator
- B. Stargate
- C. Genesis
- D. Prism

Correct Answer: A

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## QUESTION 15

What is the default network bond setting for an AHV host configuration?

- A. active-backup
- B. active-active
- C. balance-slb
- D. balance-tcp

Correct Answer: A

Explanation: <https://next.nutanix.com/blog-40/network-load-balancing-with-acropolis-hypervisor-6463>

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