



## **Free Questions for NCS-Core by certscare**

**Shared by Fernandez on 12-12-2023**

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# Question 1

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**Question Type:** MultipleChoice

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A Nutanix cluster has 10TB usable storage. The customer wants to create a 100GB datastore for ISO images to eliminate too much storage being consumed by unnecessary images.

Which setting should be used to accomplish this goal?

## Options:

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- A-** From Container Advanced Settings, configure 100GB for advertised capacity.
- B-** From Container Advanced Settings, enable erasure coding.
- C-** From Container Advanced Settings, turn on compression and deduplication.
- D-** From Container Advanced Settings, configure 100GB for reserved capacity.

## Answer:

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A

# Question 2

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**Question Type: MultipleChoice**

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After a recent installation using a flat switch, a consultant notices issues migrating the Nutanix nodes to the customer's network. The customer states that they are using VLANs on the production switch but not on the dedicated switch for IPMI. The customer does not require a manual configuration of the host and CVM.

What network changes need to be made to correct the issues?

**Options:**

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- A-** Use untagged VLANs for the CVM and host and trunk mode for IPMI.
- B-** Use Native VLANs for the CVM and host and access mode for IPMI.
- C-** Use tagged VLANs for the CVM and host and access mode for IPMI.
- D-** Use Native VLANs for the CVM and host and trunk mode for IPMI.

**Answer:**

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B

## **Question 3**

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**Question Type: MultipleChoice**

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During a six-node cluster deployment, one node fails to image successfully and Foundation is unable to automatically configure the cluster. The consultant decides to manually complete cluster formation with the successful nodes, then expand the cluster with the remaining unconfigured node.

Which command should be used to begin the process?

**Options:**

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- A- cluster status
- B- cluster create
- C- cluster start
- D- cluster expand

**Answer:**

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B

## Question 4

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**Question Type:** MultipleChoice

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A customer has engaged a Nutanix consultant to deploy a cluster consisting of two NX-3460-G6 blocks. The consultant arrives at the customer site and finds the following:

- \* One rack with a total of 5U available
- \* Two ToR switches with 14 total available ports
- \* Dual PDUs with six available sockets

What will prevent the consultant from successfully installing the cluster?

### Options:

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- A-** Insufficient sockets for power allocation.  
Rack space may not be continuous.
- B-** Insufficient rack space for block installation.  
Insufficient sockets for power allocation.
- C-** Insufficient network ports for communication.  
Insufficient sockets for power allocation.
- D-** Insufficient network ports for communication.  
Insufficient sockets for power allocation.
- E-** Insufficient network ports for communication.  
Rack space may not be continuous.

**Answer:**

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B

## Question 5

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**Question Type:** MultipleChoice

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A consultant creates a new cluster using ESXi as the hypervisor. After creating the cluster, the consultant begins to run Life Cycle Manager (LCM) updates. During the LCM upgrade pre-checks, an error is returned.

Which configuration is causing this issue?

**Options:**

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- A- ESXi cluster admission control is disabled.
- B- ESXi cluster DRS is enabled.
- C- ESXi cluster HA is enabled.
- D- ESXi cluster admission control is enabled.

**Answer:**

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D

## Question 6

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**Question Type:** MultipleChoice

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After installation, network ports are properly configured with the default active-backup bonding.

One 10GbE port goes to switch 1. Another 10GbE port goes to switch 2. A consultant tests failover by manually pulling one of the cables and notices it is taking too much time to failover, which is causing excessive packet loss.

What should the consultant enable to resolve this issue?

### Options:

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**A-** LACP on switch

**B-** PAgP

**C-** Portfast

**D-** Jumbo frames

### Answer:

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C

## Question 7

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**Question Type:** MultipleChoice

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After finishing foundation on an AHV cluster, a consultant is preparing to plug into the customer network given the following set of requirements:

- \* All network traffic on trunks is tagged
- \* Customer is using LACP
- \* A native VLAN is not in use

Which set of commands should the consultant use to ensure cluster connectivity on customer equipment?

### Options:

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**A-** `change_cvm_vlan 0`  
`ovs-vsctl set port br0 tag=0`  
`ovs-vsctl set port br0-up bond_mode=balance-tcp`

**B-** `change_cvm_vlan 10`  
`ovs-vsctl set port br0 tag=10`



```
ovs-vsctl set port br0-up bond_mode=balance-tcp
```

**C-** change\_cvm\_vlan 0

```
ovs-vsctl set port br0 tag=0
```

```
ovs-vsctl set port br0-up bond_mode=active-backup
```

**D-** change\_cvm\_vlan 10

```
ovs-vsctl set port br0 tag=10
```

```
ovs-vsctl set port br0-up bond_mode=balance-slb
```

**Answer:**

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A

## Question 8

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**Question Type: MultipleChoice**

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A consultant configures a Nutanix cluster and integrates the hosts into vCenter using VMware best practices. The customer has requested that the Nutanix cluster only have a single datastore.

Upon configuring the cluster per the customer requirements, vCenter displays an alert regarding the heartbeat datastore. The consultant adds the `das.ignoreInsufficientHbDatastore value = true` rule. The container can be seen from each host, but the alert remains active.

What should the consultant do to resolve this issue?

### Options:

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- A- Turn off and then turn back on HA.
- B- Make sure the DRS setting is turned on.
- C- Create a second container.
- D- Whitelist the vCenter IP address within Prism.

### Answer:

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A

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