

# NCP-MCI-5.20<sup>Q&As</sup>

Nutanix Certified Professional - Multi cloud Infrastructure (NCP-5.20)

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#### **QUESTION 1**

In an AHV cluster, an administrator needs to enable an application to share a disk b group but needs to enable the VMs to see the volume group. How should the administrator accomplish this task?

- A. Create a shared folder for the VMs using Nutanix Files.
- B. Add the volume group to the VM using the update link from the VM dashboard.
- C. Configure a virtual disk on each VM with identical attributes in the storage dashboard.
- D. Add a disk to one VM and enable read/write on it from the other VM.

Correct Answer: B

#### **QUESTION 2**

A customer has a 24-node cluster with all containers configured with RF3. Two different nodes have incurred a simultaneous HDD failure. What is the result?

- A. The cluster runs in a degraded state until the failed drives are replaced and the data has been restored to three replicas.
- B. Sixty minutes after the failures a rebuild of the lost data can remaining HDDs begins to restore to three replicas.
- C. The VMs with data on those drives crash, and an HA event occurs, restarting them on a remaining healthy node.
- D. The Nutanix cluster recognizes the failures and immediately begins to rebuild lost data to three replicas.

Correct Answer: D

#### **QUESTION 3**

Which two access protocols are supported by Files? (Choose two.)

- A. ISCSI
- B. SMB
- C. FCOE
- D. NFS

Correct Answer: BD



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#### **QUESTION 4**

An Engineer logs into a CVM to troubleshoot connectivity loss between two CVMs and find the following interfaces subnets and WLANs configured.

-eth0

Correct Answer: AD

#### **QUESTION 5**

An administrator migrates a VM onto a new Nutanix cluster- After the migration, the administrator observes the following conditions:

Cluster memory utilization: 64%

Cluster CPU utilization: 19%

Cluster storage utilization. 32%

Average VM CPU utilization: 25%

Average VM CPU ready%: 24%

Average VM memory utilization: 60%

Which two changes should the administrator make to improve VM performance? (Choose two.)

- A. Reduce the number of vCPUs assigned to VMs.
- B. Add more memory to the VMs.
- C. Reduce the number of VMs on the hosts.
- D. Replace high core count CPUs with high clock rate CPUs.

Correct Answer: CD

## **QUESTION 6**

Which two methods are valid for migrating a VM from a Nutanix vSphere cluster to AHV? (Choose two.)

- A. Storage vMotion
- B. Live Migration



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C. Nutanix Move

D. Cross-Hypervisor DR

Correct Answer: CD

Reference: https://hyperhci.com/2019/08/29/cross-hypervisor-migration-to-from-nutanix- ahv/https://next.nutanix.com/blog-40/migrate-your-vms-to-ahv-with-minimum-downtime-31786

#### **QUESTION 7**

Which Mechanism that works by data striping and parity calculation?

- A. Compression
- B. Deduplication
- C. Erasure Coding

Correct Answer: C

#### **QUESTION 8**

In respective to 1 GbE and 10 GbE interfaces (physical host), which statements are true?

- A. Do not include the 1 GbE interlaces in the same bond as the 10 GbE interlaces. Also, to avoid loops, do not add the 1 GbE interlaces to bridge brO, either individually or in a second bond. Use them on other bridges.
- B. If you want to use the 1 GbE interfaces for guest VM connectivity, follow the hypervisor manulacturer\\'s switch \\'-- port and networking configuration guidelines.
- C. If you want to use the 10 GbE interfaces for guest VM traffic, make sure that the guest VMs do not use the VLAN over which the Controller VM and hypervisor communicate.

Correct Answer: AC

#### **QUESTION 9**

A customer creates a new AHV network within the cluster to provide VM connectivity for VLAN1001. Network traffic to VMs connected to it is inconsistent. What should be validated as part of the customer\\'s troubleshooting process?

A. The VLAN is configured on the trunk of the upstream switch

Correct Answer: A



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#### **QUESTION 10**

An administrator wants to configure key based SSH access for an AOS 5.5 Implementation. Which three components can be secured using this method? (Choose three)

- A. The hypervisor host\*\*\*
- B. prism element
- C. the CVM\*\*
- D. Guest virtual machine
- E. The cluster \*\*

Correct Answer: ACE

#### **QUESTION 11**

Which feature must be enabled in order to ensure that VMs are restarted on other hosts in the event of a host failure?

- A. High Availability
- B. VM Snapshots
- C. Network Segmentation
- D. Live Migration

Correct Answer: A

#### **QUESTION 12**

An administrator is configuring a container for a VM that will perform a data processing workload. Which compression technology is preferred for this type of workload?

- A. Deduplication
- B. Post-process Compression
- C. Erasure Coding
- D. Inline Compression

Correct Answer: B



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#### **QUESTION 13**

An administrator creates a new VM, but it cannot be accessed over the network. When the administrator opens a console in the VM dashboard, the guest OS seems to be configured correctly. However, it can only ping 127.0.0.x addresses. What is the likely issue?

- A. The VLAN configuration is incorrect.
- B. A volume group must be attached to the VM.
- C. Guest VM firewall is preventing outbound SSH connections.
- D. There is no network on the cluster.

Correct Answer: A

#### **QUESTION 14**

What is default behavior for VM High Availability for Nutanix AHV?

- A. VMs restart on other hosts as available resource allow
- B. No VMs restart because HA is not enabled by default
- C. All VMs restart because system reservation are already made
- D. Only VMs with High Availability explicitly enabled will restart

Correct Answer: A

#### **QUESTION 15**

Which prism dashboard should an administrator use to set the frequency of NCC?

- A. data protection
- B. cluster health
- C. Alerts
- D. Tasks

Correct Answer: B

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