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**Exam** : **NCP-5.10**

**Title** : Nutanix Certified Professional  
(NCP) 5.1

**Vendor** : Nutanix

**Version** : DEMO

**NO.1** An administrator is preparing to migrate VMs from a legacy ESXi cluster to a new AHV cluster. Which action must be the administrator perform on the AHV cluster to migrate VM data?

- A. Whitelist the ESXi cluster IP address
- B. Create placeholder VMs
- C. Install Nutanix Self servicing restore.
- D. Install the Nutanix Virt0 drivers

**Answer:** A

**NO.2** what applies to prism central?

- A. clusters and PC need to match hypervisor
- B. created during foundation
- C. created bu user as 1 or 3-VM
- D. setup through prism as 1,2 or 3-VMs

**Answer:** C

**NO.3** An administrator wants to make sure that the health of a cluster is in a good state. Which command the utility will provide information related to the health of the cluster?

- A. generic status
- B. iostat
- C. ncc
- D. top

**Answer:** C

**NO.4** An administrator cables all interfaces on a newly added AHV host and starts migrating VM to 4. Users report that network connections are much slower to the VMs after the migration.

What is a possible reason for this issue.?

- A. The CVM on the node has not fully joined
- B. The network is slower because the host is further away.
- C. The host still has the default bond configuration.
- D. The VMs do not use the same interfaces as the CVM.

**Answer:** C

**NO.5** An administrator needs to ensure that resource are reserved so that all VMs are able to restart in the event of a host failure.

Which steps should the administrator take to ensure the cluster is configured and operating appropriately?

- A. Under the gear Icon, select Degraded Node Setting and confirm that no hosts are degraded.
- B. On a Nutanix CVM, execute the command `ncli cluster get-domain fault-tolerance-status type=node`
- C. Under the gear icon, select Manage VM high Availability and check Enable HA Reservation
- D. In the Prism Hardware Desktop, select each host and confirm that RF is set to 3 under Host details.

**Answer:** C

**NO.6** Which two items are required to manually upload an AOS update to a Nutanix Cluster?

(Choose two)

- A. AFS Binary file
- B. JSON file
- C. AOS Binary
- D. YML file
- E. AOS zip file

**Answer:** B,C

**NO.7** what command is used to run the nutanix cluster checks from the CVM CLI?

- A. ncc health\_check run\_all
- B. ncc check\_all health\_options
- C. ncc check\_health run\_all
- D. ncc run\_all\_health\_check

**Answer:** A

**NO.8** When installing Nutanix Guest Tools (NGT) on an ESXi-hosted VM, which port should be enabled on the VM to allow communication with the NGT-Controller VM service?

- A. 2000
- B. 9943
- C. 8080
- D. 2074

**Answer:** B

**NO.9** Refer to the exhibit.



The Linux Admin role has been created to manage only Linux VMs in the environment. However, the Admin1 user does not have access to all Linux VMs.

What step should be taken to grant the proper access?

- A. Add the hosts to the entities list for the role.
- B. Grant the admin 1 user the viewer role for the cluster.
- C. Add the proper category to each Linux VM.
- D. Add the role to the Linux images.

**Answer:** A

**NO.10** the analysis dashboard allows you to create which 2 type of charts? (Choose two)

- A. open support cases
- B. out-of-band management

- C. entity (vm,host,disk,memory,etc.)
- D. metric (IOPS, sequential reads, etc).

**Answer:** C,D

**NO.11** A cluster has RF2. The cluster loses two drives on different nodes in the same storage tier. What is the effect on the replicas of the VMs?

- A. No VMs lose data because of RF2
- B. Some VMs may reboot and gain access to data
- C. No VMs lose data if the node has two or more SSDs
- D. Some VM data may be lost

**Answer:** D

Reference: <https://next.nutanix.com/how-it-works-22/disk-fault-tolerance-8822>

**NO.12** s cluster rf3 currently has 5 storage containers. storage pool: 15TB. you add 2 containers 'A' and 'B' with 1TB reserved capacity each. what's now the raw capacity of all seven containers?

- A. original 5 containers: 4TB each; containers A and B: 4TB each
- B. original 5 containers: 3TB each; containers A and B: 4TB each
- C. original 5 containers:4TB each; containers A and B: 3TB each
- D. original 5 containers: 3TB each; containers A and B: 3TB each

**Answer:** B

**NO.13** An administrator has a 3-node cluster and needs to enable Erasure Coding on a container. Which action must the administrator take before enabling this feature?

- A. Stop workloads on the cluster
- B. Upgrade to Prism Pro Licenses
- C. Convert the cluster to AHV
- D. Add a 4th node to the cluster

**Answer:** D

**NO.14** An administrator needs to shut down and relocate a Nutanix cluster.

Which step should the administrator take after shutting down all guest VMs on the cluster?

- A. Put each host into maintenance mode
- B. Change the node and CVM IP addresses if necessary
- C. Execute the command: cluster stop on a CVM
- D. Execute the command: cluster restart\_genesis on a CVM

**Answer:** C

**NO.15** An administrator has been alerted to a VM that has high I/O latency and wants to determine if there are any other factors, such as insufficient network or memory resources that correlate, as part of a troubleshooting process.

Which type of chart should the administrator create to allow all relevant data to be easily exported to CSV for later analysis?

- A. A cluster entity chart with each of the relevant metrics

- B. A VM metric chart for each of the relevant metrics
- C. A VM entity chart with each of the relevant metrics
- D. A cluster metric chart for each of the relevant metrics

**Answer:** B

**NO.16** An administrator is creating a new windows VM in AHV after migrating its data from ESXi  
Which two parameters should be set identically to the VM settings in ESXi? (Choose two)

- A. VLAN IDs
- B. Screen resolution
- C. memory
- D. Host Affinity
- E. vCPU core

**Answer:** C,E

**NO.17** What is the default network bond setting for an AHV host configuration?

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

**Answer:** B

**NO.18** When VM HA Reservation is enabled, what is the expected behavior for all failed VMs in the event of a host failure?

- A. Perform a live migration to other hosts in the AHV cluster
- B. Perform a live migration on a best-effort basis if resources are available
- C. Restart on a best-effort basis if resources are available
- D. Restart on other hosts in the AHV cluster

**Answer:** D