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QUESTION 1

An administrator is trying to correct high cluster IOPs and Cluster Controller Latency.

Networking is the suspected issue.

Which networking parameters should be configured in the Nutanix cluster?

- A. Bond State and network latency
- B. Number of NICs connected and network latency.
- C. Number of NICs connected and frame size
- D. Number of NICs connected and bond state.

Correct Answer: C

QUESTION 2

A customer has the following requirement for a Nutanix cluster:

1.

Must support high-performance Nutanix Volumes iSCSI workloads Must utilize AHV nodes

2.

Must use 10 GbE interface

How should the customer optimize networking?

- A. Enable Jumbo Frame on just the Host
- B. Convert Cluster to ESXi and enable Jumbo Frame on Host and CVM
- C. Enable Jumbo Frames on just the CVM
- D. Enable the use of Jumbo Frame on Host and CVM

Correct Answer: A

QUESTION 3

An administrator receives reports about a Nutanix environment. The investigation finds the following;

1.



VMs are experiencing very high latency

2.

Each node is equipped with a single SSD, utilized at 95%

3.

Each node is equipped with three HDDs, utilized at 40% Why are the guest VMs experiencing high latency?

A. CVMs are overwhelmed by disk balancing operations.

B. All VM write operations are going to HDD.

C. All VM read operations are coming from HDD.

D. VMs are unable to perform write operations.

Correct Answer: B

Ref: <https://next.nutanix.com/prism-infrastructure-management-26/disk-space-usage-high-alert-in-prism-38199>

QUESTION 4

A systems administrator needs to add more VMs to their Nutanix cluster.

Which two actions should the administrator perform to determine if the current cluster can accommodate the new VMs? (Choose two.)

A. Perform an Inventory with Life Cycle Management.

B. Determine utilization with Cluster Runway.

C. Enable Deduplication and Erasure Coding.

D. Utilize Optimize Resources for VM efficiency.

Correct Answer: BD

QUESTION 5

An administrator has a VM that consumes large amounts of storage and has the following characteristics:

1.

Create large / sequential writes

2.

Data must be kept for years

3.



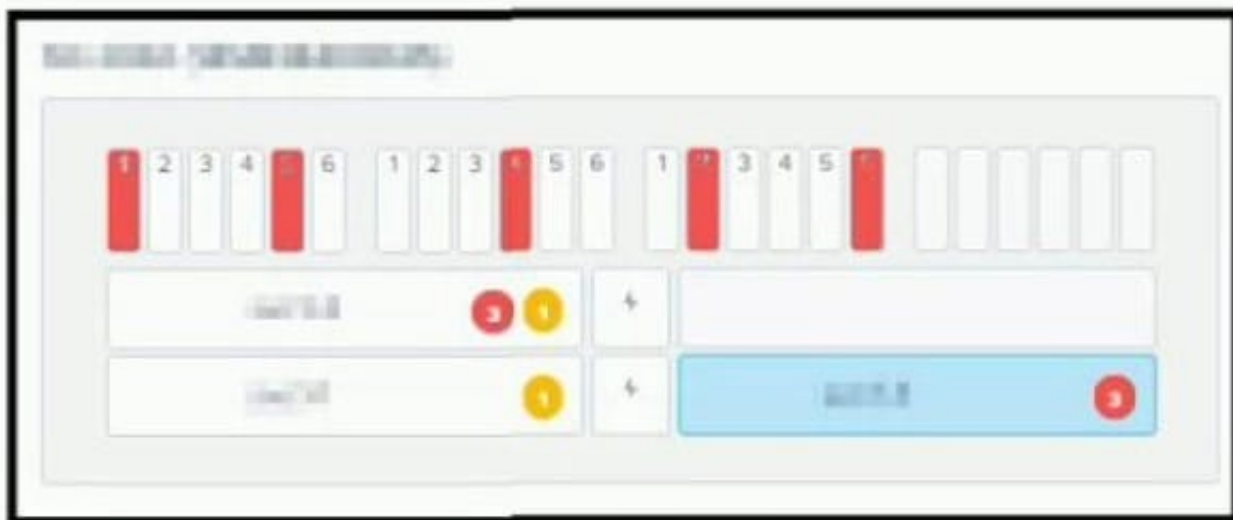
Data is normally only accessed at the end of the year to run report The administrator decides to use Erasure Coding to save space. Which feature should the administrator utilize to save space for this VM?

- A. Inline Compression
- B. Flash Mode
- C. Cache Dedup
- D. Post-Process Compression

Correct Answer: A

QUESTION 6

Refer to the exhibit.



An administrator logs in to Prism and sees the status shown in the exhibit within the Hardware Diagram section. What should the administrator do?

- A. Resolve all alerts and re-import the disks to make sure there is no service disruption.
- B. Restart all CVMs for the cluster to check, confirm health and repartition and add the disks.
- C. Reseat all disks immediately. If this does not help, reseat the nodes.
- D. Check status of applications running on the cluster and call support

Correct Answer: D

QUESTION 7



An organization is planning an upgrade to AOS 5.15 and wants to understand which cluster products and/or services are supported for physical traffic isolation. Which Nutanix component supports its network traffic being isolated onto its own virtual network?

- A. Volumes
- B. Objects
- C. Containers
- D. Files

Correct Answer: A

QUESTION 8

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

Correct Answer: AC

Ref: <https://next.nutanix.com/installation-configuration-23/physical-relocation-of-nutanix-clusters-38403>

QUESTION 9

An administrator knows that the disks in a cluster are out of date and a new firmware is available. For security reasons, these clusters do not have access to the Internet. Which two steps must be completed to update the firmware? (Choose two.)

- A. Configure LCM with a URL to access the firmware bundle.
- B. Download a dark site bundle and stage it on an internal webserver.
- C. Download the updated firmware .tgz file from the Nutanix portal.
- D. Select Upgrade Software, then select disks and upload the updated firmware.

Correct Answer: CD

QUESTION 10

An organization is running a Nutanix Cluster based on AOS 5.10.x and VMware vSphere 6.7. Currently, the CVM network is segmented and Storage only nodes not present.



A new security project based on NSX is coming. VMware Distributed Virtual Switches are required. The administrator needs to prepare the environment for the new project.

Which step should the administrator use to initiate the project?

- A. Enable Nutanix Flow at the Prism Central Level
- B. Manually disable CVM network Segmentation
- C. Convert storage only nodes into vSphere nodes
- D. Enable Jumbo Frames to accommodate network frames

Correct Answer: D

QUESTION 11

An administrator needs to forecast infrastructure requirements for a new program and its associated applications. Prior to the projected start of the new program, all existing applications will be decommissioned. How should the administrator perform this task?

- A. Check the Disregard Existing Workloads radio button in the Runway scenario.
- B. Check the Disregard Existing Nodes radio button in the Runway scenario.
- C. Add up the recovered workloads and manually remove from the Runway configuration.
- D. Power down the workloads during a maintenance window and run the Capacity Runway.

Correct Answer: A

QUESTION 12

An administrator is deploying an application using Nutanix Volumes. After configuring the volume group and connecting the guest's iSCSI initiator to the volume group, they begin performance testing.

The administrator learns that performance on the virtual disk attached to the iSCSI initiator is far less than that of a virtual disk connected directly to the VM.

Which situation is causing this condition?

- A. The VM's iSCSI traffic is being routed to the data services IP subnet
- B. The performance test is generating small block random IO.
- C. The cluster data services IP address is a bottleneck, shared with other iSCSI traffic
- D. Data Locality ensures that VM attached disks are always faster than iSCSI volumes.

Correct Answer: C



QUESTION 13

An administrator is updating disk firmware using LCM and receives the following message:

"there have been 10 or more cluster services restarts within 15 minutes in the Controller VM"

The message appears as each drive is upgraded.

What is the reason this message is being generated?

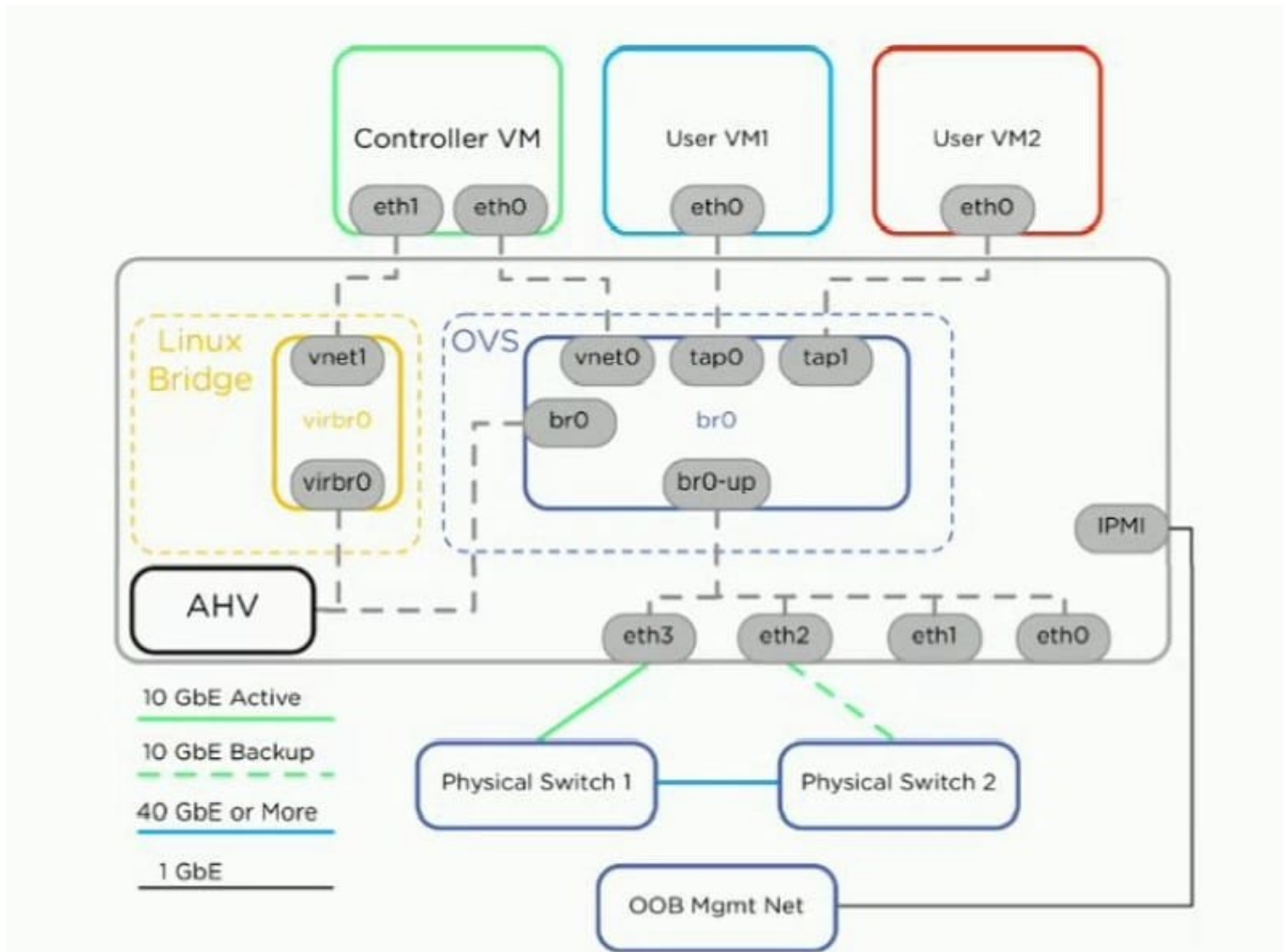
- A. A node has been rebalanced
- B. A drive has been reformatted
- C. A node has been rebooted
- D. A drive has been ejected

Correct Answer: C

Ref: <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA032000000TT8DCAW>

QUESTION 14

Refer to the exhibit.



A Nutanix host is connected as shown in the exhibit with br0-up set to active/backup. Physical Switch 1 experiences a power outage causing br0-up to failover to using eth2. The CVM and host become inaccessible. User VMs restart on other hosts in the cluster, which causes a disruption to those VMs.

Which configuration issue likely caused this outage?

- A. Bridge br0-up should be configured to use balance-tcp rather than active/backup.
- B. The CVM should have eth1 connected to the OVS.
- C. The upstream port for eth2 is missing a VLAN.
- D. The user VMs only have one NIC

Correct Answer: C

Ref: https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2071-AHV-Networking:top_ahv_networking_best_practices.html

QUESTION 15



An administrator is using Nutanix Move to migrate a Windows VM from ESXi to AHV. Automated guest preparation is failing with an error:

Account has UAC enabled error

The administrator is using the local built-in administrator account for the Windows VM Admin approval mode must remain enabled.

What should the administrator do to continue with the migration with Nutanix Move?

- A. Use a Domain Admin account for the Windows VM
- B. Reboot the Windows VM and try the migration again
- C. Follow manual VM preparation guidelines
- D. Place Windows VM in Maintenance Mode

Correct Answer: A

<https://next.nutanix.com/move-application-migration-19/nutanix-xtract-validation-failed-user-must-belong-in-a-group-with-restore-files-and-directories-security-policy-31303>

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