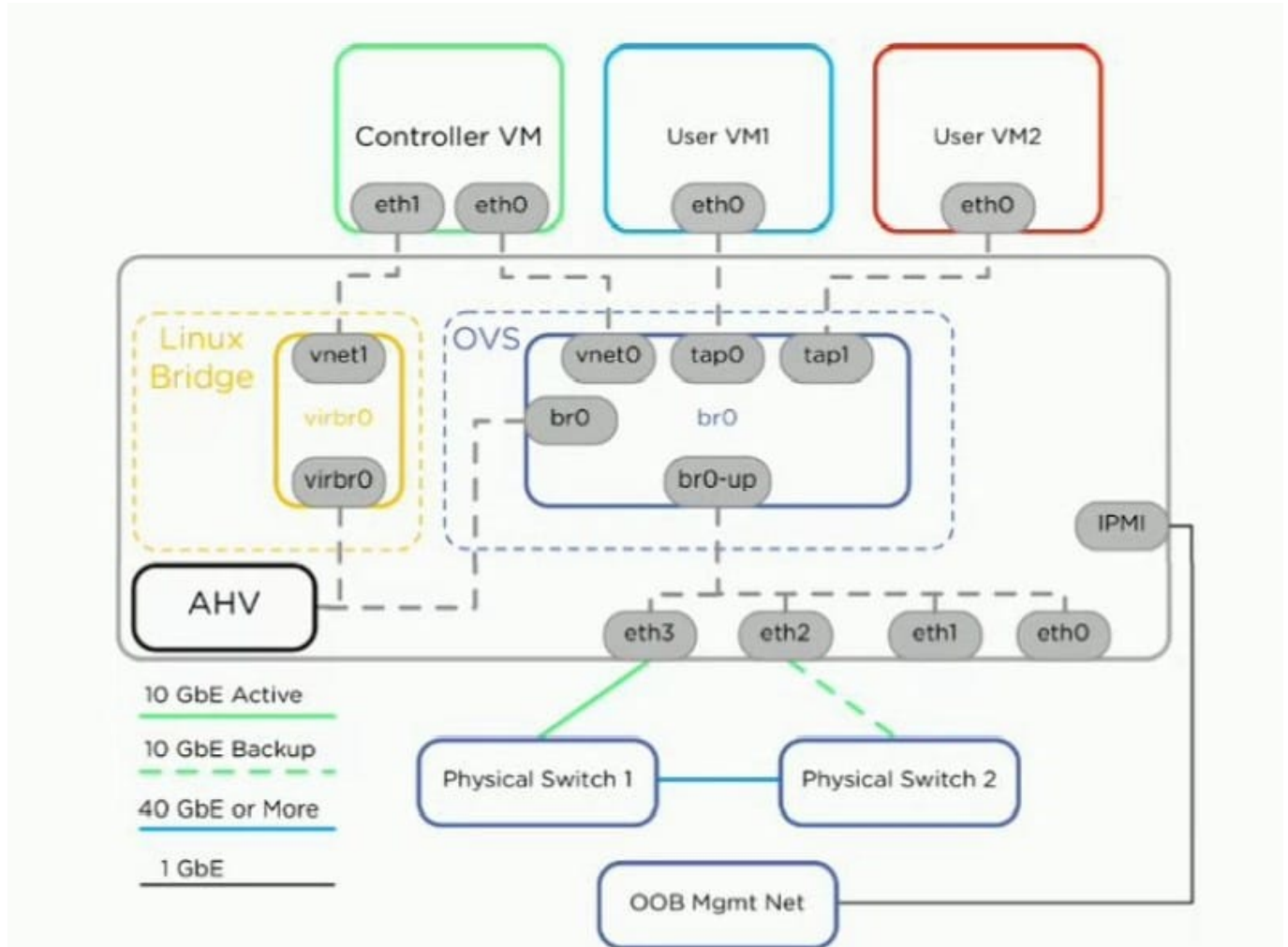**Vendor:**Nutanix

Exam Code:NCS-CORE

Exam Name: Nutanix Certified Services Core
Infrastructure Professional

Version: Demo

QUESTION 1

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 2

An administrator needs to replace an aging SAN and move to a hyper-converged infrastructure. The existing environment consists of the following hosts that are connected to the SAN:

5xAIX hosts 3x Hyper-V hosts 9xESXi hosts 2x physical SQL Clusters(Windows Server 2012R2 hosts)

After deploying a Nutanix AHV cluster, which two actions should the administrator take to meet the requirements? (Choose two.)

A. Deploy Volumes to support the AIX and SQL workloads.

B. Migrate the ESXI workloads to AHVusing Move.

C. Deploy Files to support the AIX hosts.

D. Migrate the ESXi and Hyper-V workloads using Move.

Correct Answer: AD

Ref:https://portal.nutanix.com/#page/kbs/details?targetId=kA00e000000Cr7GCAS

QUESTION 3

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 4

The following alert appears on the file server alerts tab in the file server dashboard:

File Server FS47-SS has multiple VMs on a single node

Which two events can generate this alert? (choose two)

A. A three-node dusterhosting the file server is undergoing AOS upgrade.

B. A node failed in a three-node cluster.

C. A Nutanix file with four hie server VMs is deployed on a three-node duster.

D. A node is set to the maintenance mode in a three node cluster.

Correct Answer: AD

QUESTION 5

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?

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.

Correct Answer: D

QUESTION 6

A consultant has deployed a Nutanix cluster with AOS 5.10.x, then discovers the customer\\'s environment is running on AOS 5.6.x. The consultant decides to re-image the cluster using the foundation Java applet. During the Foundation discovery, all cluster nodes display a status of Unavailable.

What should the consultant do to resolve the issue?

A. Use the Phoenix ISO

B. Destroy the cluster.

C. Restart the Genesis service on the cluster.

D. Reset the IPMI IP addresses.

Correct Answer: B

QUESTION 7

An administrator configure Active Directory (AD) authentication for their Nutanix environment. When login in using an AD user account, the login process takes more than one minute to complete. No delay occurs when logging a local account. What should the administrator confirm to resolve this issue?

A. The user search base for the group is configuredcorrectly

B. The domain controller being used is configured as a global catalog server.

C. Active directory lookups are configured to use Non-Recursive mode.

D. The service Account Username is correct for the domain.

Correct Answer: C

QUESTION 8

A customer has the following requirement for a Nutanix cluster:

Must support high-performance Nutanix Volumes iSCSI workloads Must utilize AHV nodes 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 9

A customer is running out of storage in an ESXi cluster. The customer wants to add storage without paying for an additional hypervisor license. Which option should the consultant recommend to meet the requirement?

A. Convert the cluster to AHV to support storage-only node requirements.

B. Select the storage-only checkbox during Foundation and then expand the cluster in Prism.

C. Buy a new node to meet the requirements of the storage-only node specifications.

D. Edit the factory_config.json file to configure the node as storage-only and then expand the cluster in Prism

Correct Answer: C

QUESTION 10

An administrator receives an error indicating that the CVMs in the cluster are not syncing to any NTP servers. An investigation of the issue finds:

The NTP servers are configured in Prism The time on all CVMs is the same Both the CVMs and AHV hosts are configured for the UTC time zone

Which two steps can be taken to troubleshoot this issue? (Choose two.)

A. Confirm that the NTP servers are reachable from the CVMs.

B. Restart genesis on all CVMs.

C. On a CVM. run the command a Hash ntpq -pn.

D. Restart the chronosservice on all CVMs.

Correct Answer: AC

Ref:https://portal.nutanix.com/page/documents/kbs/details?targetId=kA032000000bmjeCA A#Review_ntpq

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QUESTION 11

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

Create large / sequential writes

Data must be kept for years

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. CacheDedup

D. Post-Process Compression

Correct Answer: D

QUESTION 12

Anadministrator needs to evaluate if the existing configuration of Protection Domains meets the specified corporate recovery policy for SQL Data. The corporate policy requires that all SQL Servers be recoverable at the DR site within 30 minutes, and must result in a maximum of 60 minutes of data loss. SQL data must be required.

The protection domain is configured as follows:

Application consistent snapshots are enabled The SQL server VMs are assigned to the Protection Domain as their own Consistency Group The Protection Domain schedule is configured as snapshots taken every 90 minutes from 7 am until 8 pm

What must be changed to meet the required policy?

A. Revise the schedule tc be 15 minutes

B. Revise the schedule to be 60 minutes

C. Revise the schedule to be 30 minutes

D. Revise the schedule to be 45 minutes

Correct Answer: B