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**QUESTION 1**

An administrator needs to make sure an RF3 cluster can survive a failure of two complete racks without negatively affecting performance. The current cluster configuration consists of the following:

1.

30 All Flash Nodes: distributed 10 nodes per rack across three 42U racks

2.

Each node is configured with 20TB usable storage all flash (Cluster Total 600TB Usable)

3.

Current cluster utilization is 500TB storage

4.

Storage containers have Erasure Coding enabled

Which configuration changes should be made to make sure the cluster meets the requirements?

A. Expand the cluster to 50 nodes distributed evenly across 5 racks

B. Expand the cluster to 48 nodes distributed evenly across 6 racks

C. Expand the cluster to 60 nodes distributed evenly across 6 racks

D. Expand the cluster to 40 nodes distributed evenly across 5 racks

Correct Answer: C

Ref: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_17:arc-configure-fault-tolerance-rack-prism-c.html

QUESTION 2

An administrator is planning to deploy a Nutanix cluster to support a few high-performance VMs. This deployment will have the following considerations:

1.

Individual VMs will likely generate network throughputs in the range of 90-100Mbps

2.

Due to the configuration of the VMs, it is unlikely that a node will host more than one or two of them at a time

3.

Individual VMs will communicate with only a few (one or two) remote hosts at a time



4.

Multicast will not be used in the environment

5.

The hosts are connected via two 1GbE network connections

How should the administrator configure the network bonds to meet this requirement while maintaining the simplest switch configuration?

- A. Configure bond0 as balance-sib
- B. Configure bond0 as active-backup
- C. Configure bond0 as balance-tcp
- D. Configure bond0 as balance-lacp

Correct Answer: B

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

QUESTION 3

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 4

An administrator is responsible for the following Nutanix Enterprise Cloud environment:

1.

A central datacenter with a 20-node cluster with 1.5PB of storage

2.



Five remote sites each with a 4-node cluster with 200TB storage

The remote sites are connected to the datacenter via 1GB links with an average latency of 6 ms RTT.

What is the minimum RPO the administrator can achieve for this environment?

- A. 0 minutes
- B. 15 minutes
- C. 1 hour
- D. 6 hours

Correct Answer: C

Ref: https://support-portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_10:wc-protection-domain-wc-c.html

QUESTION 5

The networking team makes changes to the Top of Rack switches to which the Nutanix cluster are attached. A few VMs are able to communicate with each other on the same node but are unable to connect to other parts of the network. What is the likely cause of this issue?

- A. There is a VLAN misconfiguration on the VMs.
- B. The vNIC port is disconnected on the affected VMs.
- C. There is a VLAN misconfiguration on the switch.
- D. Jumbo Frame are misconfigured across ports.

Correct Answer: C

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