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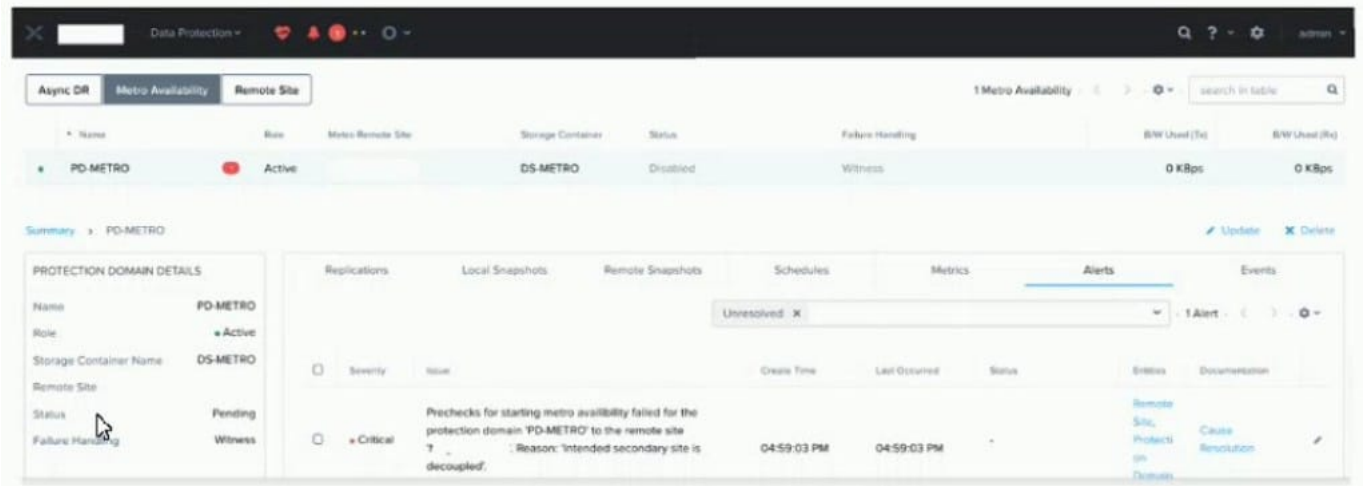
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QUESTION 1

Refer to the exhibit.



An administrator notices a critical alert on the Metro Availability Protection Domain What is causing this alert?

- A. Metro Availability Protection domain is active on the remote site.
- B. VMware Site Recovery Manager is handling a failover event
- C. Metro Availability did not fail over and caused an outage.
- D. vSphere moved VMs to the remote container, and the VMs must be moved back.

Correct Answer: A

Explanation: Ref:https://www.vvlsystems.com/wp-content/uploads/2016/11/BP-2009_Metro_Availability.pdf

QUESTION 2

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

VMs are experiencing very high latency

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

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: C

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

Latency Variables in a Nutanix Cluster

The following points provide you with the information regarding latency on a Nutanix cluster.

- All-flash-array nodes are provided by Nutanix, but the focus of this KB is on the two-tier (SSD and HDD) nodes. This two-tier design aims to keep frequently read data in the hot (SSD) tier and Information Life Cycle Management (ILM) promotes and demotes the data from the hot tier. This provides a cost-effective solution that has variable latency response.
 - Extent store : HDD and SSD together makes the extent store. However some portion of the SSDs is used for Oplog.
 - Oplog: This is used for random writes where data is temporarily written and provides quick acknowledgement. This is eventually drained to an extent store.
 - Cluster that are correctly sized will have a Working Set Size (WSS) that fits within the SSD tier. This ensures that the commonly accessed data on the cluster is available from the SSD. If ILM is moving data from hot to cold tier and back, it implies that the cluster is under sized and higher latencies will be experienced due to the higher cold-tier hit rate for the data reads.
- Data that is read from the cold tier (HDD - spinning disk) will have higher latency than the data that is read from the hot tier.

QUESTION 3

After a recent installation using a flat switch, a consultant notices issues migrating the Nutanix nodes to the customer's network. The customer states that they are using VLANs on the production switch but not on the dedicated switch for IPMI. The customer does not require a manual configuration of the host and CVM.

What network changes need to be made to correct the issues?

- A. Use untagged VLANs for the CVM and host and trunk mode for IPMI.
- B. Use Native VLANs for the CVM and host and access mode for IPMI.
- C. Use tagged VLANs for the CVM and host and access mode for IPMI.
- D. Use Native VLANs for the CVM and host and trunk mode for IPMI.

Correct Answer: B

**QUESTION 4**

During a technical call with a customer, it is identified that this installation will be software only on Dell servers. The out-of-band management interfaces will not be given IP addresses until the consultant is onsite. Which Foundation method should be used for this type of installation?

- A. Bare metal using iDRAC MAC addresses.
- B. Bare metal using LAN MAC addresses.
- C. Bare metal using block serial numbers.
- D. Bare metal using node serial numbers.

Correct Answer: A

QUESTION 5

An administrator deletes a large amount of data from a Volume Group presented to a Linux VM. The administrator notices that the deleted data has not been reclaimed as usable storage. What action should be taken to reclaim the storage capacity?

- A. Shrink the Volume Group that is associated with the Linux VM
- B. Unmount the Volume Group and then Remount the Volume Group
- C. Enable the unman operation on the Linux VM
- D. Run Defrag on the Linux VM

Correct Answer: B

Explanation: <https://next.nutanix.com/how-it-works-22/vm-capacity-and-prism-capacity-are-different-33134>

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