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Nutanix NCSE-Core

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QUESTION NO: 1

A prospect has 8500GB of capacity provisioned for a non-production VMware cluster. As Part of migrating to Nutanix. the prospect agrees to convert any thick provisioned disks to thin provisioned disks. Based on additional data. the total active working set for the cluster has been determined to be 1TB. When entering the Raw input workload into Sizer, what is the minimum amount of HDD Capacity required for the workload? ??

- A. 3.0TiB
- B. 3.5TiB
- C. 4.0TiB
- D. 7.5TiB

ANSWER: A

QUESTION NO: 2

Refer to the exhibit.

Using the Sizing Options shown, which two configurations are valid when using Sizer in Automatic mode?(Choose two.)

- A. 6x NX-3060-G6 (6x 1920GB SSDs per node)
- B. 4x NX-1065-G5 (3x 3840GB SSDs per node) + 4x NX-6035CG5(6x3840GB SSD per node)
- C. 6x NX-8150-G5 (4x 1920GB SSD + 20x 2TB HDD per node)
- D. 3x NX-3060-G5 (2x 1920GB SSD per node) + 3x NX-3055G (4x960GBSSD per node)
- E. 6x NX-165S-G5 (3x 48GB SSD per node)

ANSWER: A D

QUESTION NO: 3

A guest VM should be able to tolerate simultaneous failure of two nodes or drives.

What are the minimum requirements for the Nutanix cluster?

- A. 3 nodes with cluster RF 3 and container RF 3

- B. 3 nodes with cluster RF 3 and container RF 2
- C. 5 nodes with cluster RF 2 and container RF 3
- D. 5 nodes with cluster RF 3 and container RF 3

ANSWER: D

Explanation:

Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_16:arcundancy-factor3-c.html

QUESTION NO: 4

During an initial meeting with a prospect the storage administrator learns that Nutanix does not use RAID for application data. The prospect's storage array is configured with RAID 10 and the full capacity of the array is required. As a result no hot spares have been allocated. The storage administrator must respond immediately to any disk failures, even outside standard business hours.

Which aspect of Nutanix replication factor (RF) will reduce the storage administrator's break/fix burden?

- A. Automatic data re-protection using available cluster capacity
- B. Distribution of multiple copies of data across various nodes in a cluster
- C. Checksumming for data integrity
- D. Block awareness

ANSWER: B

QUESTION NO: 5

A prospect's main goal are to replace their mainframe environment, cut their datacenter footprint, and improve disaster recovery for mission critical applications.

Which collection of documents should the SE use to show the prospect how Nutanix can help them reach their goals?

- A. Nutanix Bible.
- B. Knowledge Base Articles.
- C. Case Studies.

D. Best Practices Guide.

ANSWER: D

QUESTION NO: 6

A prospect customer's expected workload consists of the following: 110 vCPU 512GB RAM * 500TB Storage They need a solution to help decrease storage costs. The majority of their storage requirements come from an imaging application that stores scanned JPEG images.

Which two Nutanix capabilities should be leveraged? (Choose two.)

- A. Erasure Coding
- B. Storage-Only Nodes
- C. Capacity Tier Deduplication
- D. Compression

ANSWER: A D

QUESTION NO: 7

During a meeting with a fortune 100 prospect, an SE achieves technical buy-in from the architecture team. The prospect shares that their management recently attended an executive briefing with Cisco and was impressed by the vision presented.

Management is pushing the arching the architecture tea to adopt Cisco as their HCI standard based on a beief that Nutanix is not a major player.

Which resource should an SE highlight?

- A. Garther magic Quadrant
- B. ESG Performance Analysis
- C. Net Promoter Score
- D. Reference architectures

ANSWER: A

QUESTION NO: 8

A VDI environment based on AHV Cluster is not performing well. The current environment is using only one bridge (BridgeO). An administrator need to verify if nodes are using all network card associated to BridgeO. Which two menus should be used to check the current configuration? (Choose two.)

- A. Host NICs tab in Hardware menu
- B. Host view in Network menu
- C. 1.0 Metrics tab VM menu
- D. Network Configuration item in Setting menu

ANSWER: B C

QUESTION NO: 9

Which three cluster operations require an administrator to reclaim licenses?(Choose three)

- A. Destroy a cluster.
- B. Upgrade a cluster
- C. Migrate a cluster
- D. Remove a Node from a cluster
- E. Move Nodes between clusters.

ANSWER: A D E

Explanation:

: [https://portal.nutanix.com/page/documents/details/?targetId=Web_Console_Guide-](https://portal.nutanix.com/page/documents/details/?targetId=Web_Console_Guide-Prism_v4_7:lic_licensing_managing_c.html)

[Prism_v4_7:lic_licensing_managing_c.html](https://portal.nutanix.com/page/documents/details/?targetId=Web_Console_Guide-Prism_v4_7:lic_licensing_managing_c.html)

Reclaiming Licenses (Including License Renewal)

You can reclaim and optionally re-apply licenses for nodes in your clusters:

☞ You must reclaim licenses when you plan to destroy a cluster. First reclaim the licenses, then destroy the cluster. You do not need to reclaim Starter licenses. These licenses are automatically applied whenever you create a cluster, including after you have destroyed a cluster.

☞ Return licenses to your inventory when you remove one or more nodes from a cluster. Also, if you move nodes from one cluster to another, first reclaim the licenses, move the nodes, then re-apply the licenses.

- ☞ You can reclaim licenses for nodes in your clusters in cases where you want to make modifications or downgrade licenses. For example, applying an Ultimate license to all nodes in a cluster where some nodes are currently licensed as Pro and some nodes are licensed as Ultimate. You might also want to transition nodes from Ultimate to Pro licensing.
- ☞ You must reclaim licenses when you renew licenses. First reclaim the expired licenses, then apply new licenses.

QUESTION NO: 10

A prospect wants to target Nutanix as infrastructure for running VMs built as part of their new Continuous Integration and Delivery (CI/CD) pipeline. Hundreds of builds will occur per day across their development organization.

Which two items should the SE identify to begin sizing the Nutanix deployment? (Choose two.)

- A. The configuration manager that the customer will use with the application builds
- B. The frequency and lifespan of each application build
- C. The build manager that the company will use for the builds
- D. The configuration/specs of the VMs within each application build

ANSWER: A D