DUMPSARENA

Nutanix Certified Professional - Unified Storage (NCP-US) v6.5

Nutanix NCP-US-6.5

Version Demo

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QUESTION NO: 1

A multisite App Volumes deployment uses a stretched database over multiple Horizon View sites. Non-Attachable volumes will be used to support replication of AppStacks between blocks and pods.

What should the administrator do to be able to replicate AppStacks between the Nutanix clusters?

A. Replicate the .vmdk files and AppStacks permissions using a script between the Nutanix clusters,

B. Utilize the native async disaster recovery technology to replicate the AppStacks between the Nutanix clusters.

C. storage container on the primary cluster to at least one host in other Nutanix clusters,

D. Leverage an external storage system such as NFS NAS to support the non-attachable

ANSWER: B

Explanation:

regarding replicating AppStacks between Nutanix clusters, it is likely that the correct answer would involve configuring some form of replication or disaster recovery technology on the Nutanix clusters themselves.

https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2135-VMware-App-Volumes:BP-2135-VMware-App-Volumes

QUESTION NO: 2

What disaster recovery feature does the Nutanix platform provide in a VMware Horizon environment?

A. Nutanix is the only vendor that supports replication of linked clones.

B. Nutanix is the only vendor that supports replication of full clones.

C. Block awareness permits smaller clusters to lose up to four nodes

D. Rack awareness permits smaller clusters to lose up to six nodes

ANSWER: A

Explanation:

Nutanix is the only vendor that supports replication of linked clones. This means that option A is correct. However, I cannot guarantee the accuracy or validity of this information, so please verify it with other sources before using it.

QUESTION NO: 3

An administrator is using a mix of full clones and nan-persistent desktops deployed via Citrix MCS on a three-node cluster. The full clone and non-persistent desktops are managed using separate storage containers.

Which two Storage Efficiency features will provide better storage efficiency and performance improvement? (Choose two.)

A. Compression

B. Erasure Coding

C. Deduplication

D. RDMA

ANSWER: A C

Explanation:

Storage Efficiency features that will provide better storage efficiency and performance improvement for a mix of full clones and non-persistent desktops deployed via Citrix MCS on a three-node cluster are Compression and Deduplication. Compression is a technology that reduces the size of data blocks by removing redundant information. Deduplication is a technology that eliminates duplicate blocks of data and reduces storage consumption. Both Compression and Deduplication can be enabled on a per-container basis and can provide significant savings for Citrix virtual desktop deployments that use cloning technologies such as MCS2.

QUESTION NO: 4

An administrator is deploying a new virtual desktop environment onto an existing Nutanix solution.

The virtual desktop environment will consist of these elements:

1000 instant clone call center virtual desktops (supporting 5 business units)

500 full clone developer virtual desktops (supporting 2 business units)

150 applications delivered via AppStacks (supporting 7 business units)

How many storage containers should be created to support these workloads?

A. 1

B. 2

C. 3

D. 14

ANSWER: C

Explanation:

Based on the given information, the administrator is deploying 1000 instant clone virtual desktops, 500 full clone virtual desktops, and 150 applications. To support these workloads, the Nutanix solution will need multiple storage containers.

According to the Nutanix Certified Professional - End User Computing (NCP-EUC) v6 guide, for VDI workloads, it is recommended to create a separate storage container for each type of desktop (e.g. instant clone, full clone) and another container for AppStacks. It is also recommended to have at least one container for metadata and one container for replicas.

Therefore, for this scenario, a total of 3 storage containers should be created:

So the answer is C. 3.

QUESTION NO: 5

What are two types Of Frame environment delivery models? (Choose two.)

A. Frame on HP running Hyper-V.

B. Frame on Cisco LICS running VMware ESXi

C. BYO public cloud

D. Nutanix private cloud model running AHV

ANSWER: C D

Explanation:

Frame is a cloud-native desktop-as-a-service platform that allows you to deliver virtual desktops and applications from any cloud. Frame supports multiple public clouds, such as AWS, Azure, GCP, and Alibaba Cloud2. You can bring your own public cloud account and use Frame to provision and manage your virtual desktops on demand.

Frame also supports Nutanix private cloud model running AHV, which is a native hypervisor for Nutanix Enterprise Cloud Platform. You can use Frame to deliver virtual desktops and applications from your own data center using Nutanix AHV clusters3. You can benefit from the simplicity, scalability, and performance of Nutanix hyperconverged infrastructure.

QUESTION NO: 6

During initial testing of a new VD' deployment, users are complaining that they are not seeing the performance increase that was seen during the POC phase of the project.

The POC deployment was tested on an NX line of nodes with AHV as the hypervisor. After the test, the customer has decided to move forward with a production deployment using Dell XC nodes with ESXi as the hypervisor.

Which two actions must be taken. based on the hypervisor and node model change? (Choose two.)

A. Disable the C-states.

B. Configure Video Drivers

C. Change power Management

D. Update Network Drivers

ANSWER: A D

Explanation:

one of the possible causes of poor performance in a VDI deployment is power management, which can affect CPU frequency and performance. Therefore, it is recommended to disable any power saving features on the BIOS level, such as C-states and P-states.

Another possible cause of poor performance is network configuration, which can affect network throughput and latency. Therefore, it is recommended to update network drivers and firmware on the Dell XC nodes with ESXi23, and ensure that they are compatible with Nutanix software.

QUESTION NO: 7

What are two primary purposes of a Frame utility Server? (Choose two.)

A. Backend for a client-server application

B. shared file server

C. Test and develop virtual desktops.

D. A server that monitors virtual desktop usage

ANSWER: A B

Explanation:

Frame utility server is a stand-alone, general purpose Windows server that can be helpful for a variety of use cases, including:

https://docs.frame.nutanix.com/platform/admin/utility-servers/

QUESTION NO: 8

A company wants their Nutanix VDI environment to have these characteristics:

• 3000 non-persistent desktops

• 500 RDSH-based VMS

• 100 AppStacks

How many storage containers should an administrator create to satisfy these requirements?

A. 1 storage container for the non-persistent desktops, I storage container for the RDSH-based VMs, and 1 container for the AppStacks

B. 1 storage container for the non-persistent desktops and RDSH-based VMs, and 1 container for the AppStacks

C. 2 storage containers with deduplication

D. 1 storage container for all workloads

ANSWER: B

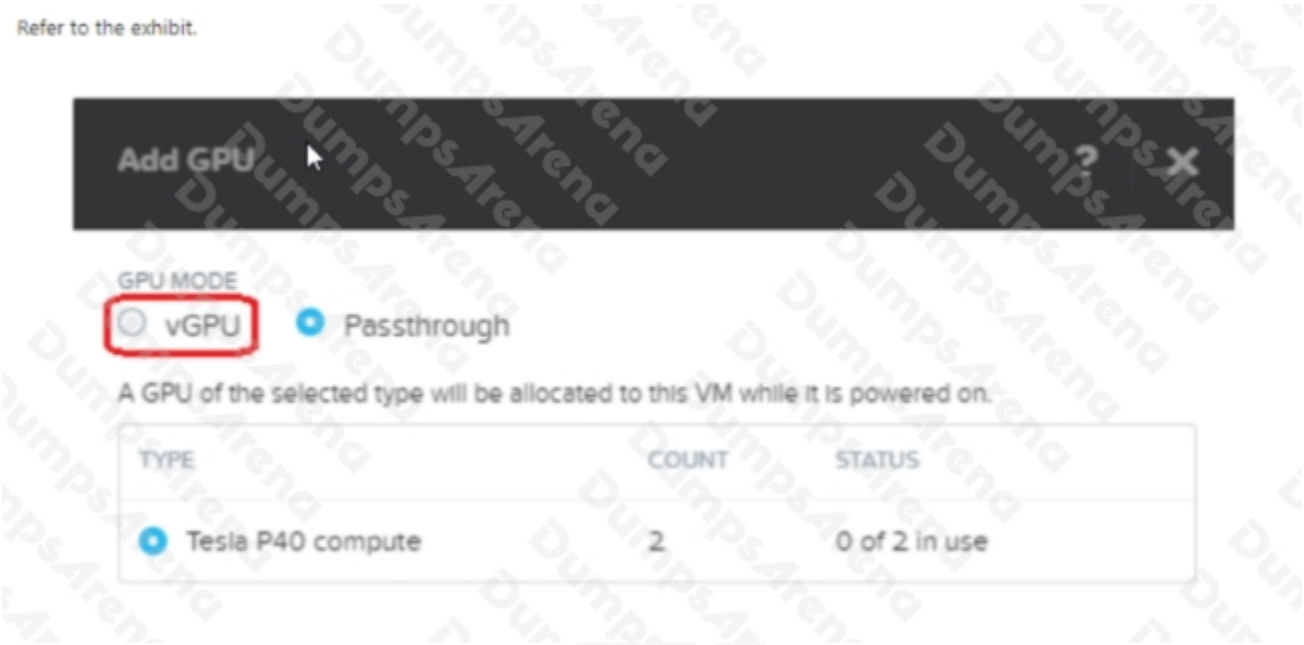
Explanation:

Nutanix offers a solution that delivers virtual apps and desktops in one click. Nutanix supports both persistent and non-persistent VDI deployments, as well as RDSH-based VMs and AppStacks.

Storage containers are logical units that group vDisks and apply storage policies such as replication factor, encryption, compression, deduplication and erasure coding3. Nutanix recommends using compression and deduplication to reduce storage usage and avoid duplicate data4.

QUESTION NO: 9

Refer to the exhibit.



An administrator is configuring a virtual desktop gold master image with P40 NVIDIA vGPU. upon trying to add a vCPU assignment in Prism Element, the administrator noticed that it is not selectable and cannot proceed.

Which two actions are correct steps to resolve this issue? (Choose two.)

A. Install the NVIDIA GPU drivers on the Gold Master.

B. Disable ECC by running nvdia-smi -e 0.

C. Install the NVIDIA GPU Manager Driver.

D. Check if ECC Mode is turned on by running nvdia-smi -q | grep “ECC Mode” -A2

ANSWER: B D

Explanation:

ECC (Error Correcting Code) mode is a feature of some NVIDIA GPUs that provides error detection and correction for memory errors. However, ECC mode can interfere with vGPU functionality and prevent vGPU-enabled VMs from being created or started1. Therefore, two correct steps to resolve this issue are B (Disable ECC by running nvdia-smi -e 0) and D (Check if ECC Mode is turned on by running nvdia-smi -q | grep “ECC Mode” -A2).

https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LKjOCAW

QUESTION NO: 10

How should the storage containers be configured to follow Nutanix storage best practices?

A. Use a single container.
Enable Compression and Deduplication for both VMS

B. Use separate containers.
Enable Compression for non-persistent VMS.
Enable Compression and Deduplication for persistent VMS

C. Use a single container.
Enable Compression and Erasure Coding for both VMS

D. Use separate containers.
Enable Compression for persistent VMS.
Enable Compression and Deduplication for nan-persistent VMS

ANSWER: B

Explanation:

Nutanix recommends using separate containers for persistent and non-persistent VMS. For persistent VMS, enable compression and deduplication. For non-persistent VMS, enable compression only1

According to Nutanix documentation, it is recommended to use multiple containers, with each container representing an individual performance workload. This allows for better performance isolation and easier management. For example, one container could be used for VDI workloads, while another container could be used for general-purpose workloads.

As for compression and deduplication, it is recommended to enable them for all VMs. Compression reduces the amount of storage space required and increases the performance of the system, while deduplication reduces the amount of duplicate data stored on the system. Erasure coding can also be used as an alternative to replication for data protection.