DUMPSQUEEN

Nutanix Certified Professional – Unified Storage (NCP-US) v6 exam

Nutanix NCP-US

Version Demo

Total Demo Questions: 10

Total Premium Questions: 77

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QUESTION NO: 1

A company has decided to use Citrix Optimizer tool to prepare their gold image.

Which two actions does Optimizer take to improve the gold image creation process? (Choose two.)

A. Optimizes storage capacity usage.

B. Optimizes user environments for better performance

C. uses built-in templates to perform optimizations.

D. Applies best practices for securing virtual desktops.

ANSWER: B C

Explanation:

The Citrix Optimizer tool is used to prepare Windows operating system images for use in a virtual desktop environment. Some of the actions that it takes to improve the gold image creation process include:

https://support.citrix.com/article/CTX224676/citrix-optimizer-tool

https://docs.citrix.com/en-us/workspace-environment-management/service/using-environment-management/system-optimization/citrix-optimizer.html

QUESTION NO: 2

An administrator needs to create a new MCS Catalog, but is receiving a failure error, as shown below:

Acropolis _ Inventory: Getccntent Exception:system.ArgunentException: Error during serialization or deserialization using the JSON Java Scriptseriali:er. The length of the string exceeds the value set on the maxJsonLenth property.

A. Running the below command on CVM shows the following output:

B. nutanix@cvm: ~$ acli snapshot.list I wc – I

C. 1919

D. nutanix@cvm: ~$ acli snapshot.list I wc -1

E. 4787

ANSWER: B D E

QUESTION NO: 3

A Windows IO VM fails to power on With an NVIDIA vCPU profile in ESXi 7. The VM is configured with NVIDIA profile by selecting Shared PCI Device, adding the NVIDIA GRID vCPU device. and selecting the Profile under VM settings.

The following error message is displayed in the vSphere web client:

```
An error was received from the ESX host while powering on VM win10.

Failed to start the virtual machine

Module 'DevicePowerOn' power on failed.

Could not initialize plugin '/usr/lib64/vmware/plugin/libnvidia-vgx.so' for vGPU 'grid_m60-4q'

No graphics device is available for vGPU 'grid_m60-4q'.
```

What should be done to resolve this issue?

A. Change the Graphics mode of the host from Shared to Shared Direct

B. Change the Graphics mode of the host from Shared to Shared Direct

C. Switch the GPU mode to graphics mode using gpumodeswitch command.

D. change the Graphics mode of the host from Shared Direct to Shared.

E. Switch the GPU mode to compute mode using gpumodeswitch command.

ANSWER: C

Explanation:

gpumodeswitch is a command-line tool that is used to switch supported NVIDIA GPUs between compute and graphics mode. Compute mode allows multiple VMs to share a GPU for CUDA workloads. Graphics mode allows a single VM to use a GPU for graphics workloads12.

QUESTION NO: 4

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
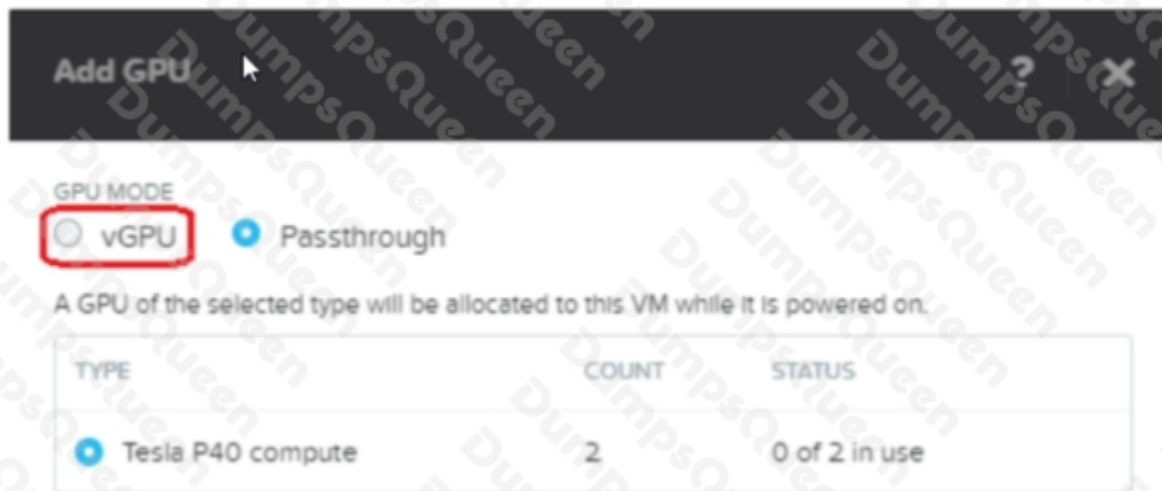
ANSWER: C D

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: 5

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: 6

An administrator has finished setting up a Frame environment and has to finish preparing the Sandbox image. During the publishing andtesting phase, the administrator notices issue with the Sysprep process.

Which tool can the administrator use to prepare the Sysprep of the sandbox with error parsing?

A. Frame Sysprep Helper Tool

B. Windows Sysprep Built in tool

C. Frame Guest Agent 7

D. Frame Guest Agent 8

ANSWER: A

Explanation:

Sysprep is a Microsoft tool that prepares a Windows installation for cloning, auditing, and customer delivery23. The Frame Sysprep Helper Tool is designed to simplify the Microsoft Sysprep process by parsing errors reported by sysprep and immediately repairing them when possible1. Therefore, the tool that the administrator can use to prepare the Sysprep of the sandbox with error parsing is A (Frame Sysprep Helper Tool).

QUESTION NO: 7

Users are reporting that their desktops are running slower than expected in an ESXi-based Nutanix cluster. upon investigation, an administrator determines that desktops on one host are running slower and have higher CPU Ready times than on other hosts.

What is causing this issue?

A. High Performance host power policy is enabled

B. High Performance host power policy is disabled

C. Inline Compression has been disabled on the desktop storage container

D. Erasure coding's increased overhead has caused a slowdown in the environment

ANSWER: B

Explanation:

A high CPU Ready time means that the vCPU is waiting too long for the pCPU, which can result in poor performance and slow responsiveness of the virtual machine (VM).

According to Nutanix best practices2, one of the factors that can affect CPU Ready time is the host power policy. The host power policy determines how aggressively the host will try to save power by reducing the frequency or voltage of the pCPUs.

The recommended host power policy for Nutanix clusters is High Performance, which disables any power saving features and ensures that the pCPUs run at their maximum frequency and voltage.

This answer seems to explain why desktops on one host are running slower and have higher CPU Ready times than on other hosts, as they may be suffering from reduced pCPU performance due to a lower host power policy.

QUESTION NO: 8

An administrator has been provided additional business requirements for the newly formed business continuity plan. Objectives include the following:

• Seamless failover

• Retaining IPs

• Failover to a DRaas

Which Nutanix provided platform which the administrator choose?

A. Leap DR

B. NC2 on Azure

C. NC2 0n AWS

D. Xi Leap

ANSWER: D

Explanation:

A cloud-based DR service that allows customers to protect their Nutanix workloads in a Nutanix-owned cloud platform6. Xi Leap eliminates the need for multiple products and provides end-to-end security, automation, and SLA compliance6.

QUESTION NO: 9

Which metric is available in customized reports when using the AHV Plug-in for Citrix Director?

A. VM Average I/O latency

B. VM CPU Ready time

C. VM Bandwidth latency

D. VM Network utilization

ANSWER: D

Explanation:

Nutanix AHV Plug-In for Citrix Director provides more information on Citrix generated desktops running on Nutanix AHV. Some of the metrics that are available in customized reports are:

QUESTION NO: 10

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/