

## Nutanix.NCP-EUC.v2023-06-10.q33

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### NEW QUESTION: 1

An administrator has created a Prism Central Playbook Action named Virtual Desktop Add CPU to add 2 vCPU to virtual desktop when an alert is triggered after the virtual desktop's CPU usage has exceeded 80%. Initially the Playbook Action works as expected, however over time it seems it is no longer being triggered.

What is causing this issue?

- A. The virtual desktop CPU Usage alerts were not cleared.
- B. The vNUMA boundary has been breached preventing more vCPUs to be added.
- C. There are no more CPUs available to allocate to the VM.
- D. Additional vCPUs need to be registered.

**Answer: A (LEAVE A REPLY)**

<https://next.nutanix.com/community-blog-154/new-x-play-actions-in-prism-central-2021-7-40005>

The Prism Central Playbook Action is a tool that allows you to automate tasks based on triggers, such as events, alerts, or webhooks. You can define a series of actions (called a playbook) that perform operations on your infrastructure, such as adding or reducing resources on a VM2.

To use the Playbook Action for VMs, you need to meet some prerequisites, such as:

The Prism Central version must be 2020.11 or later.

The AOS version must be 5.15 LTSR or later.

The hypervisor must be AHV or ESXi.

The VMs must have Nutanix Guest Tools (NGT) installed and enabled3.

One of the possible reasons why the Playbook Action is no longer being triggered is that the virtual desktop CPU Usage alerts were not cleared. According to the Prism Central guide3, "If an alert has been triggered once and has not been cleared yet, then it will not trigger any action again until it has been cleared". Therefore, if the CPU Usage alert remains active for a virtual desktop, it will prevent the Playbook Action from adding more vCPUs to it.

### NEW QUESTION: 2

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 ([LEAVE A REPLY](#))**

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 workloads<sup>12</sup>.

### NEW QUESTION: 3

An administrator has chosen to move all of the backend Citrix infrastructure to be managed as a service provided by Citrix.

Backend infrastructure includes these components:

- A. Citrix Delivery Controllers
- B. Citrix studio
- C. Citrix NetScaler
- D. Citrix Storefront

**Answer: A ([LEAVE A REPLY](#))**

Citrix Workspace includes several components that can replace or integrate with the traditional Citrix infrastructure components, such as:

Citrix Cloud Services, which provide management and orchestration capabilities for Citrix Workspace, such as Citrix Virtual Apps and Desktops service, Citrix Gateway service, Citrix Endpoint Management service, etc.

Citrix Workspace app, which is a client software that enables users to access their apps and desktops from any device.

Citrix Cloud Connectors, which are software agents that establish a secure connection between Citrix Cloud Services and the on-premises or cloud-based resources, such as Active Directory, hypervisors, VDAs, etc.

According to Citrix documentation<sup>2</sup>, an administrator who chooses to move all of the backend Citrix infrastructure to be managed as a service by Citrix can use the following components: Citrix Virtual Apps and Desktops service, which replaces the Citrix Delivery Controllers and provides centralized management and delivery of virtual apps and desktops.

Citrix Studio, which is still available as a web-based console for configuring and managing the virtual apps and desktops environment.

Citrix Gateway service, which replaces the Citrix NetScaler and provides secure remote access to virtual apps and desktops through a single URL.

Citrix StoreFront, which is still available as an optional component for providing users with self-service access to their apps and desktops through a web portal or native receiver.

#### **NEW QUESTION: 4**

An administrator decides to deploy non-persistent virtual desktops for the accounting department. Currently, the department uses physical desktops and users have full administrative rights to their machines.

Which capability will persist for users following a migration to non-persistent VDI desktops?

- A. Application installations
- B. Saving user data
- C. Installing drivers for user peripherals
- D. Saving application configurations

**Answer: (SHOW ANSWER)**

non-persistent VDI desktops are virtual desktops that do not save any changes made by the user after they log off or shut down<sup>12</sup>. They rely on a master image that contains the OS, configuration settings, and other customizations that replicate to multiple virtual desktops<sup>1</sup>.

#### **NEW QUESTION: 5**

An administrator is using Citrix Studio to configure policies for their existing CVAD environment on to a Nutanix Files share. The administrator would like to use Citrix Director to reset user profiles.

How should the user profiles be configured?

- A. use Nutanix Files standard shares

Deploy Citrix Profile Management user stores inside the user's top-level directory

- B. Redirect user's Desktop, Documents and Favorites to a Nutanix Files home share.
- C. Redirect user's Desktop, Documents and Favorites to a Nutanix Files general share.
- D. use Nutanix Files distributed shares. Deploy Citrix Profile Management user stores inside the user's top-level directory.

**Answer: (SHOW ANSWER)**

This is because this option will allow the administrator to use Citrix Director to reset user profiles on a Nutanix Files share that provides high performance, scalability, and resilience<sup>3</sup>.

Citrix Profile Management is a solution that allows administrators to manage user profiles and settings across different devices and sessions<sup>12</sup>. Nutanix Files is a software-defined file storage

solution that provides high performance and scalability for file data<sup>12</sup>. Nutanix Files supports all forms of profile management with efficient metadata caching techniques that optimize for faster VDI logon times<sup>12</sup>. Nutanix Files offers two types of shares: standard shares and distributed shares<sup>3</sup>. Standard shares are hosted on a single file server, while distributed shares are hosted on multiple file servers for load balancing and high availability<sup>3</sup>.

<https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2079-Citrix-Virtual-Apps-and-Desktops:BP-2079-Citrix-Virtual-Apps-and-Desktops>

### **NEW QUESTION: 6**

An administrator is migrating Citrix back-end infrastructure to Citrix Cloud.

What three pieces of information are needed to connect Prism to Citrix Cloud?

- A. Customer ID, Citrix Cloud Provider, Prism Data Service IP Address
- B. Customer ID, Client ID, Secret Key
- C. Prism Data Service IP Address, Client ID, Passphrase
- D. Citrix Login, Secret Key, Passphrase

**Answer: B (LEAVE A REPLY)**

<https://docs.citrix.com/en-us/citrix-workspace/integrate.html>

The Prism Citrix Cloud integration feature allows you to configure the Citrix Cloud settings in Prism Central and connect your Nutanix cluster as a resource location in Citrix Cloud<sup>4</sup>. This enables you to use Citrix Virtual Apps and Desktops service to deliver applications and desktops to your end users.

To use this feature, you need to meet some prerequisites, such as:

The Prism Central version must be 2020.11 or later.

The AOS version must be 5.15 LTSR or later.

The hypervisor must be AHV or ESXi.

You must have a valid Citrix Cloud account with access to Citrix Virtual Apps and Desktops service<sup>4</sup>.

One of the steps for configuring the Prism Citrix Cloud integration is to establish the connection to Citrix Cloud. To do this, you need to provide three pieces of information:

**Customer ID:** This is a unique identifier for your Citrix Cloud account that can be found in your profile settings<sup>2</sup>.

**Client ID:** This is a unique identifier for an API client that can access your Citrix Cloud account. You can create an API client in your identity and access management settings<sup>2</sup>.

**Secret Key:** This is a secret string that authenticates the API client. You can generate a secret key when you create an API client<sup>2</sup>.

### **NEW QUESTION: 7**

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, 1 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 (LEAVE A REPLY)**

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 coding<sup>3</sup>. Nutanix recommends using compression and deduplication to reduce storage usage and avoid duplicate data<sup>4</sup>.

#### **NEW QUESTION: 8**

An administrator receives many complaints about increased boot times from a WI user over the past few days.

Upon further review, the administrator discovers delays in the deployments of VD' desktops. The administrator could not find any indications that the cluster resources are insufficient.

What should the administrator verify to resolve this issue?

- A. Erasure Coding was disabled
- B. If a node failed
- C. If Shadow Clone was disabled
- D. If Memory Overcommitment was disabled

**Answer: (SHOW ANSWER)**

Shadow Clones are a feature of the AOS storage that enables distributed caching of virtual disks (vDisks) that are read by multiple VMs on different nodes. This can improve performance and reduce network traffic in scenarios such as VDI deployments.

Therefore, if Shadow Clones were disabled, it could cause delays in the deployments of VD' desktops, as they would have to read the vDisk from a remote node instead of a local cache.

#### **NEW QUESTION: 9**

An administrator has deployed Citrix Virtual Apps and Desktops on a Nutanix dedicated VD' cluster.

What is the delivery method in use, based on the curator reports shown in the exhibit?

- A. Full Clones
- B. Linked Clones
- C. Citrix MCS
- D. Citrix Provisioning

**Answer: C (LEAVE A REPLY)**

the delivery method in use is Citrix MCS. Citrix Machine Creation Services (MCS) is a technology that creates and manages virtual machines from a master image. MCS uses Nutanix storage efficiency features such as deduplication and shadow clones to reduce storage consumption and improve performance. The exhibit shows that the VDI cluster has a high deduplication ratio (7.5x) and a low physical space usage (1.2 TB) compared to the logical space usage (9.1 TB), which indicates that MCS is in use.

**NEW QUESTION: 10**

The migration has been completed, but in order for the administrator to start deploying the VDI desktops, which last step is needed?

- A. PE Citrix Connection
- B. PC Xi Leap
- C. PC leap
- D. Citrix Delivery Controllers

**Answer: A (LEAVE A REPLY)**

One of them is Nutanix Frame, which is a cloud-based service that delivers virtual apps and desktops from any cloud provider or on-premises datacenter.

Nutanix Frame simplifies VDI deployment by providing automated cloud resource orchestration, user session brokering, and environment administration.

Another solution is Nutanix Citrix Cloud, which is a hybrid cloud solution that integrates Nutanix HCI with Citrix Virtual Apps and Desktops service.

Nutanix Citrix Cloud enables VDI deployment by providing centralized management and delivery of virtual apps and desktops through Citrix Cloud Services.

According to Nutanix best practices<sup>2</sup>, one of the steps needed for deploying VDI with Nutanix Citrix Cloud is to configure the PE Citrix Connection.

This step involves creating a connection between the Nutanix Prism Element (PE) cluster and the Citrix Cloud account, which allows Nutanix to register as a resource location for Citrix Cloud Services.

This connection also enables Nutanix to provide performance metrics, alerts, and actions for the virtual apps and desktops running on Nutanix HCI.

**NEW QUESTION: 11**

In Frame, what occurs when the minimum value in the capacity settings is set to less than the Quick Publish value specified?

- A. A user will not be able to launch their Frame Desktop or Application
- B. The administrator will receive an error notification.
- C. Quick Publish value settings are ignored, and regular publishing is performed.
- D. Regular publish value settings are ignored and Quick Publish values are performed.

**Answer: C (LEAVE A REPLY)**

Nutanix Frame allows administrators to configure capacity settings for their virtual machines (VMs) that run virtual apps and desktops.

Capacity settings include:

Default capacity, which defines how many VMs are turned on when there is no user activity on the account. This setting helps reduce costs by turning off unused VMs.

Active capacity, which defines how many VMs are turned on when there is user activity on the account. This setting helps improve performance by ensuring enough VMs are available for user sessions.

Quick Publish, which defines how many VMs are updated with the latest changes when publishing a new version of an app or desktop. This setting helps speed up the publishing process by updating only a subset of VMs instead of all of them.

According to Nutanix Frame documentation<sup>1</sup>, Quick Publish value should be equal to or less than the active capacity value for each instance type.

If Quick Publish value is set higher than active capacity value, then Frame will ignore Quick Publish value and perform regular publishing instead.

<https://docs.frame.nutanix.com/platform/admin/capacity/>

## NEW QUESTION: 12

An administrator plans to deploy a VMWare Horizon Solution on AHV. The administrator used the cluster command to verify if Shadow Clones are enabled in the AHV environment. This command shows the following output:

```
$ ncli cluster info
Cluster Id      : 0xxx
Cluster Uuid    : 0xxx
Cluster Name    : WINTERFELL
Cluster Version : 6.5
Cluster Full Version : e17.3-release-fraser-6.5-efab1e-clcb24df40aaa4aa848f84003a27af28cc058e58
External IP address : XXX.XXX.XXX.XXX
Node Count      : 3
Block Count     : 3
Shadow Clones Status : Disabled
Has Self Encrypting Disk : no
Cluster Masquerading I... :
Cluster Masquerading PORT :
...
```

Which action should the administrator take to enable Shadow Clones?

- A. Connect to the AHV Host by SSH.
- B. Execute the `acluster edit-prams enable-shadow-clones=true` command.
- C. Connect to Prism Central
- D. Execute the `cluster enable -cluster_cluster_uuid 0xxx - show_clones=true` command.

**Answer: D (LEAVE A REPLY)**

an action that the administrator should take to enable Shadow Clones for a VMWare Horizon Solution on AHV is Connect to Prism Central and execute the `cluster enable -cluster_cluster_uuid 0xxx - show_clones=true` command. Shadow Clones are a feature that helps decrease read latency by creating local copies of frequently accessed data blocks on each host<sup>2</sup>. To enable

Shadow Clones, the administrator needs to connect to Prism Central and run a cluster command with the appropriate parameters<sup>1</sup>.

### NEW QUESTION: 13

There are 50 people in a legal department who are scheduled to have their laptops replaced with virtual desktops. Their application suite consists of Microsoft Office 365, Photoshop, and an Ip-based application internally developed by the company.

Which option minimizes management overhead of the gold image, while providing the users with access to their application suite?

- A. Persistent virtual machines with the application suite built into the gold image
- B. Non-persistent MCS delivered virtual machines virtualizing the application suite
- C. Remote Desktop Services virtualizing the application suite
- D. Citrix Virtual Apps virtual hosted desktop with the application suite built into the gold image

**Answer: (SHOW ANSWER)**

ersistent virtual machines are those that retain all the user's personal settings, files, and customizations after each session<sup>12</sup>. Non-persistent virtual machines are those that reset to a predefined state after each session and do not save any user data<sup>12</sup>. MCS (Machine Creation Services) is a Citrix feature that allows administrators to create and manage multiple virtual machines from a single master image<sup>3</sup>. Remote Desktop Services (RDS) is a Microsoft feature that allows users to access applications or desktops hosted on a remote server<sup>4</sup>. Citrix Virtual Apps is a Citrix feature that allows users to access applications hosted on a remote server or cloud<sup>5</sup>

### NEW QUESTION: 14

An administrator is trying to add a Nutanix cluster as a new connection, but connection name Nutanix AHV is not listed in the Connection type menu.

What should the administrator do to resolve this issue?

- A. Install the Nutanix AHV plugin for Citrix on all Storefront.
- B. Install the Nutanix AHV plugin for Citrix controllers.
- C. Install the Nutanix AHV plugin for Citrix Director on Delivery controllers.
- D. Install the Nutanix AHV plugin for Citrix Director on Storefront Servers.

**Answer: B (LEAVE A REPLY)**

This is because this option will enable the administrator to add a Nutanix cluster as a new connection by installing and registering the plugin on the Delivery Controllers that manage the connection type menu.

<https://portal.nutanix.com/page/documents/solutions/details?targetId=BP-2079-Citrix-Virtual-Apps-and-Desktops:BP-2079-Citrix-Virtual-Apps-and-Desktops>

### NEW QUESTION: 15

Where should an administrator configure AWS, Azure, and Google accounts within Frame?

- A. Customers

- B. Organizations
- C. Cloud Account
- D. accounts

**Answer: C (LEAVE A REPLY)**

Frame is a cloud-native desktop-as-a-service platform that delivers virtual apps and desktops from multiple public clouds<sup>1</sup>. Frame allows administrators to manage various components of their cloud accounts easily from the Frame console<sup>1</sup>.

A cloud account is a logical grouping of resources that are associated with a specific cloud provider (such as AWS, Azure, or Google) and region<sup>1</sup>. A cloud account can have multiple virtual networks, master images, and instance types that can be used to create and run virtual apps and desktops<sup>1</sup>.

To configure AWS, Azure, and Google accounts within Frame, an administrator needs to go to the Cloud Accounts section of the Frame console<sup>1</sup>. There, the administrator can add new cloud accounts or edit existing ones by providing the required credentials and settings for each cloud provider<sup>12</sup>.

<https://docs.frame.nutanix.com/platform/infrastructure/byo/cloud-accounts/>

#### **NEW QUESTION: 16**

An administrator received a report that users are being disconnected from their sessions consistently after 10 minutes. The administrator suspects the gold image is incorrectly configured. Which action should the administrator take to resolve this issue?

- A. Disable the monitor power saving settings.
- B. Sysprep the gold image with the CopyProfile set to True.
- C. Disable hard drive power saving settings.
- D. Uninstall and remove the Windows Store applications.

**Answer: B (LEAVE A REPLY)**

gold image is a term used to describe a template for a virtual machine (VM) that contains a preconfigured operating system and applications<sup>1</sup>. A gold image can be used to create multiple session hosts that share the same configuration<sup>1</sup>. However, a gold image needs to be properly prepared before being used as a template<sup>123</sup>.

One of the steps involved in preparing a gold image is to run sysprep on the VM. Sysprep is a tool that removes system-specific data such as computer name, security identifier (SID), and driver cache from Windows<sup>23</sup>. This allows the VM to be generalized and duplicated without causing conflicts or errors<sup>23</sup>.

One of the options that can be set when running sysprep is CopyProfile. CopyProfile is a setting that determines whether the user profile settings of the built-in administrator account are copied to the default user profile<sup>2</sup>. The default user profile is used as a template for creating new user profiles on Windows<sup>2</sup>. If CopyProfile is set to True, then any changes made by the administrator account (such as desktop wallpaper, screen saver, Start menu items, etc.) will be applied to all new user profiles<sup>2</sup>.

Therefore, if users are being disconnected from their sessions consistently after 10 minutes, it could be because the gold image has some incorrect settings in the default user profile that cause session timeout or termination. To resolve this issue, one possible solution is to sysprep the gold image with CopyProfile set to True, and make sure that there are no settings in the administrator account that could affect session stability (such as power saving options or Windows Store applications)<sup>2</sup>.

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#### **NEW QUESTION: 17**

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 (LEAVE A REPLY)**

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 practices<sup>2</sup>, 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.

#### **NEW QUESTION: 18**

An administrator has been given a new support role for a group of 1000 users, which are all running Windows 10 Linked Clone virtual desktops. The administrator learns quickly that the

environment has been undersized with constant complaints from the user community around running out of storage. The administrator further discovers that the environment is memory constrained.

Which feature should the administrator enable to help relieve the capacity issue?

- A. Auto-tiering
- B. Erasure Coding
- C. Compression
- D. Deduplication

**Answer: D (LEAVE A REPLY)**

Deduplication is a process that eliminates duplicate data blocks and reduces the amount of storage space required for virtual desktops. Deduplication can be enabled at both cluster level and container level on Nutanix.

Deduplication can also work with VCAI (View Composer Array Integration), which is a feature that uses Nutanix native NFS snapshot technology to clone VMs<sup>2</sup>. VCAI can improve performance and reduce storage consumption for linked-clone desktop pools.

Another feature that can help with capacity issue is Shadow Clones, which is a distributed caching mechanism that allows multiple VMs to read from a single vDisk copy stored locally on each node<sup>3</sup>. Shadow Clones can reduce network traffic and improve boot times for virtual desktops.

<https://www.nutanix.com/support-services/training-certification/certifications/certification-details-nutanix-certified-professional-ncp-euc-v6>

### **NEW QUESTION: 19**

An administrator is supporting two Nutanix Io-node AHV clusters (Cluster01 and Cluster02) dedicated for VDI workloads. The administrator has started receiving complaints regarding the performance of several full clone virtual desktops within Cluster01, upon review of both clusters, below are the discovered utilization metrics:

Cluster01 utilizations:

- \* Cluster CPU:85%
- \* Cluster Memory: 94%
- \* storage:50%

Cluster02 utilizations:

- \* Cluster CPU:30%
- \* Cluster Memory:35%
- \* storage:40%

Datacenter policy requires 20% resource overhead.

Which action should the administrator take to resolve this issue?

- A. Review the VM Overview dashboard.
- B. Review the Hardware dashboard.
- C. Use X-Ray to migrate the virtual desktops.
- D. use a Recovery Plan to migrate the virtual desktops.

**Answer: D (LEAVE A REPLY)**

administrator can take to resolve the issue of performance for several full clone virtual desktops within Cluster01 by migrating them to Cluster02.

a recovery plan is a set of steps that defines how to recover guest VMs from a disaster. A recovery plan can be used to migrate VMs between Nutanix clusters at the same or different availability zones1.

### **NEW QUESTION: 20**

The operations team have been tasked with increasing overall datacenter efficiency with a target minimum of 80% CPU, memory, and storage capacity utilization. They are requesting usage data from all application owners be sent on a monthly basis to be ingested into their capacity management software.

An administrator has an implementation of four Nutanix clusters under the management of a single Prism Central Instance.

How should the administrator best provide the data needed to the operations team to ensure adherence to the datacenter utilization directive?

- A.** Export the CPU Memory and Storage Usage metrics under Virtual Infrastructure/VMs in Prism Central and FTP the file to the operations team's FTP server.
- B.** Schedule a monthly email report with CPU, Memory, and Storage Usage data across all clusters under the Reporting facility in Prism Central.
- C.** Create a Metric Chart in Prism Central with CPU, Memory, and Storage usage across all clusters and export the data to be sent to the operations team,
- D.** Review the VM Efficiencies widget in Prism Central and export the data to a comma delimited file to be sent to the operations team.

**Answer: B (LEAVE A REPLY)**

This option allows you to create a custom report with the required metrics for all VMs across all clusters and send it automatically to the operations team via email4. This way, you don't have to manually export or FTP the data every month.

### **NEW QUESTION: 21**

A company is deploying a Nutanix VDI solution across multiple data centers and will be using Files for their profile\home directories. The company requires that users be able to access profile \home from a local Files cluster at the designated data center they will be logging into, based on the location they are working out of that day.

How can the administrator ensure that the solution meets the stated requirements?

- A.** use Nutanix Protection Domains for replication.
- B.** use Nutanix Advanced File Replication
- C.** use Zetro software to replicate
- D.** use PeerSync software to replicate.

**Answer: B (LEAVE A REPLY)**

Nutanix Files offers a feature called Smart DR, which enables share-level replication between active file server instances for disaster recovery.

Smart DR allows administrators to configure replication policies for each share, such as replication interval, retention period, and bandwidth limit.

Smart DR also supports failover and failback operations between source and target file servers in case of a disaster.

According to Nutanix best practices<sup>1</sup>, Smart DR is suitable for scenarios where users need to access their files from different locations or data centers.

<https://next.nutanix.com/community-blog-154/nutanix-files-3-8-and-file-analytics-3-0-39309>

### **NEW QUESTION: 22**

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 (LEAVE A REPLY)**

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>

### **NEW QUESTION: 23**

An administrator has received multiple tickets from users experiencing log-on and log-off slowness while using VDI non-persistent desktops, other users in same VDI farm using persistent desktops are not experiencing the same issue.

Currently, the administrator is leveraging an ESXi-based Nutanix all-flash cluster environment with a VMware Horizon Infrastructure.

What is causing the slowness for the non-persistent users?

- A.** Nutanix AOS software running older versions.
- B.** user accounts configured with Roaming Profiles
- C.** Desktops don't have enough hardware resources.
- D.** Network slowness due to high latency

**Answer: B (LEAVE A REPLY)**

roaming profiles are a way to deliver user settings across physical and virtual desktops. However, they can also cause issues such as profile unload failures<sup>2</sup> and slow log-on and log-off times<sup>1</sup>.

#### **NEW QUESTION: 24**

A company has deployed Horizon on a Nutanix cluster running the ESXi hypervisor. They are starting the configuration for the deployment of 1000 virtual desktops running Windows 10 in a Linked Clone Desktop Pool.

The company has these requirements:

- \* Reduced time for initial virtual desktop deployment
- \* Fast recompose time when updating the pool with patches and new application installs
- \* Provide a high level of availability to the pool

What should the company enable, that will allow this Nutanix VDI implementation to meet the stated requirements?

- A. VM disk space reclamation
- B. View Storage Accelerator
- C. View Composer API for Array Integration
- D. Separate datastores for replicas and clones

**Answer: C (LEAVE A REPLY)**

View Composer API for Array Integration (VCAI) is a feature of VMware Horizon that leverages the native cloning abilities in the storage array to offload storage operations within a VMware View environment<sup>12</sup>. This feature allows customers to offload the creation of linked clones to the storage array<sup>3</sup>.

#### **NEW QUESTION: 25**

What are the two types Of Launchpads that exist in Frame? (Choose two.)

- A. Application Launchpad
- B. user Launchpad
- C. Desktop Launchpad
- D. VDI Launchpad

**Answer: A,C (LEAVE A REPLY)**

There are two types of Launchpads that exist in Frame: Application Launchpad and Desktop Launchpad<sup>2</sup>.

An Application Launchpad is a representation of the applications that are available for streaming. Users can launch any application they have access to from this Launchpad. An example of an Application Launchpad is shown below:

A Desktop Launchpad is a representation of the desktops that are available for streaming. Users can launch any desktop they have access to from this Launchpad. An example of a Desktop Launchpad is shown below:

<https://www.nutanix.com/blog/work-from-home-anywhere-in-five-easy-steps>

#### **NEW QUESTION: 26**

Users are being prompted to restart their non-persistent desktops in the middle of the day. which setting in the gold image would cause this to occur?

- A. Java automatically checks for updates every' 24 hours.
- B. The power profile turns the screen off after 10 minutes.
- C. Windows Update policy is set to Automatic.
- D. The mandatory Windows profile is set to v4,

**Answer: C (LEAVE A REPLY)**

non-persistent VDI machines are deleted when they are rebooted, logged off, or shut down. Therefore, Windows Update policy should be configured to prevent automatic updates that may trigger a restart on these machines<sup>1</sup>.

<https://techcommunity.microsoft.com/t5/microsoft-defender-for-endpoint/onboarding-and-servicing-non-persistent-vdi-machines-with/ba-p/1360721>

### NEW QUESTION: 27

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 (LEAVE A REPLY)**

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:

Optimizes user environments for better performance: The tool removes unnecessary or redundant services, features, and applications from the image, which can improve performance and reduce resource usage.

Uses built-in templates to perform optimizations: The tool comes with pre-configured templates that are optimized for specific environments, such as virtual desktops or server workloads. These templates can be customized based on the specific needs of the organization.

<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>

### NEW QUESTION: 28

The administrator has checked the logs to see the below output:

The API call sent to the VM via XD Plugin at [CDF logs]:

```

2397,0,2018/09/23 03:15:55:26697,17612,1924,1,BrokerHostingPlugin,,0,,1,Information,"[NutanixAHV]: Logger.TraceMsg: Acropolis_CommonOperations:: checkVMPowerOnOffRequired():
VM Name: b61dba2a-9a0e-48e8-aa01-6d29525a0fb2
VM ID: xxxxxx
State of the VM: on", ""
2398,0,2018/09/23 03:15:55:26711,17612,1924,1,BrokerHostingPlugin,,0,,5,EntryExit,"[NutanixAHV]: Logger.TraceEntryExit: NTNXVMProvisioning.AHVPrismVMInterfaces: Entered managedVM()", ""
2399,0,2018/09/23 03:15:55:26718,17612,1924,1,BrokerHostingPlugin,,0,,1,Information,"[NutanixAHV]: Logger.TraceMsg: NTNXVMProvisioning.AHVPrismVMInterfaces.manageVM(): Virtual Machine ID: b61dba2a-9a0e-48e8-aa01-6d29525a0fb2
Power Operation: ShutdownVM", ""

2400,0,2018/09/23 03:15:55:26729,17612,1924,1,BrokerHostingPlugin,,0,,1,Information,"[NutanixAHV]: Logger.TraceMsg: NTNXProvisioning.PrismConnection.resultsFromPOSTRequest():

Http Post Url = https://X.X.X.106:9440/api/nutanix/v0.8/vms/b61dba2a-9a0e-48e8-aa01-6d29525a0fb2/set_power_state/
Http Post Body = { ""transition"": ""acpi_shutdown"" }, ""

```

Following that while the VM is being powered OFF, query for the current VM state results in ON (the administrator sees a number of these until the VM is marked as power OFF) logs:

```

1532,2,2018/09/23 03:15:56:93224,17612,1924,1,BrokerHostingPlugin,,0,,1,Information,"[NutanixAHV]: Logger.TraceMsg: Acropolis:: In getManagedMachine: VM-ID = b61dba2a-9a0e-48e8-aa01-6d29525a0fb2", ""

1533,2,2018/09/23 03:15:56:93231,17612,1924,1,BrokerHostingPlugin,,0,,1,Information,"[NutanixAHV]: Logger.TraceMsg: NTNXProvisioning.PrismConnection.resultsFromGETRequest(): Request Url = https://X.X.X.106:9440/api/nutanix/v0.8/vms/b61dba2a-9a0e-48e8-aa01-6d29525a0fb2", ""

1596,1,2018/09/23 03:15:57:77927,17612,1924,1,BrokerHostingPlugin,,0,,1,Information,"[NutanixAHV]: Logger.TraceMsg: NTNXVMProvisioning.AHVPrismVMInterface.getVM(): Details Found:
VM Name = xxxxxx, VM State = on", ""

1597,1,2018/09/23 03:15:57:77932,17612,1924,1,BrokerHostingPlugin,,0,,1,Information,"[NutanixAHV]: Logger.TraceMsg: Acropolis_CommonOperations:: getManagedMachine():
VM ID = b61dba2a-9a0e-48e8-aa01-6d29525a0fb2
VM Name = xxxxxx
Power State of the VM = on", ""

```

Upon further review the administrator notices in COF logs, after a number of queries for the machine state, one results in a conflicting state, reporting the Power state as ON and OFF [CDF logs] HCM should the administrator resolve the issue?

- A. Create a Scheduled reboot cycle.
- B. Decrease the distribution time in Machine Update Rollout
- C. Increase the distribution time in Machine Update Rollout
- D. Delete Scheduled reboot settings

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 29**

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: (SHOW ANSWER)**

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:

One container for 1000 instant clone virtual desktops

One container for 500 full clone virtual desktops

One container for 150 applications delivered via AppStacks

So the answer is C. 3.

#### **NEW QUESTION: 30**

Which solution will allow the administrator to customize this user experience?

A. Mandatory or Local Profile

B. Virtual Disk Based Profile

C. user Environment Management

D. user Profile Management Solution

**Answer: D (LEAVE A REPLY)**

Users may expect some level of personalization and consistency across their virtual desktop sessions, even if they do not save any changes<sup>1</sup>. To customize this user experience, administrators can use different solutions that manage user profiles and settings<sup>1</sup>.

#### **NEW QUESTION: 31**

An administrator supports a user group that spans across 10 Nutanix clusters for a medium-sized medical communications firm. The 10 Nutanix clusters are managed by a single Prism Central instance.

This group's virtual desktops are all cloned from a common gold image and all applications are published from a Citrix Virtual Apps farm. The administrator needs to keep the gold image in sync across all of the clusters.

What is the best way to achieve this?

A. use the native replication facility within the Machine Catalog

B. Setup a Protection Domain with the gold image as 3 protected entity.

C. Upload the gold image to Prism Central Image Service.

D. use Move to maintain all gold images across the clusters.

**Answer: C (LEAVE A REPLY)**

Prism Central Image Service allows you to upload and manage images through Prism Central by using the v3 API. You can also choose where your images will be available across different clusters<sup>123</sup>

<https://next.nutanix.com/ncm-intelligent-operations-formerly-prism-pro-ultimate-26/prism-central-adding-images-to-prism-central-33759>

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#### **NEW QUESTION: 32**

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 (LEAVE A REPLY)**

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 Cloud<sup>2</sup>. 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 clusters<sup>3</sup>. You can benefit from the simplicity, scalability, and performance of Nutanix hyperconverged infrastructure.

#### **NEW QUESTION: 33**

An administrator would like to apply a group of base settings to Citrix-based VDI users at each logon.

which user profile type would best fit the scenario?

- A. Local Profiles
- B. Roaming Profiles
- C. Mandatory Profiles
- D. Virtual disk-based Profiles

**Answer: C (LEAVE A REPLY)**

A mandatory profile is a type of roaming profile that is read-only and does not save any changes made by users during their sessions. A mandatory profile can be applied to a group of users who share a common desktop environment and do not need to customize their settings or preferences.

A mandatory profile can ensure that a group of base settings are applied to Citrix-based VDI users at each logon, regardless of any changes they make during their sessions. A mandatory profile can also improve performance, security, and consistency of the VDI environment.

To use a mandatory profile with Citrix Virtual Apps and Desktops, you need to create a template profile on a reference machine, rename its NTUSER.DAT file to NTUSER.MAN, and copy it to a network share. Then you need to configure Profile Management policies or Active Directory settings to point to the network share location for your users<sup>2</sup>.

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