

# 2V0-51.23<sup>Q&As</sup>

VMware Horizon 8.x Professional

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#### **QUESTION 1**

What are two best practices for Windows Golden Image Optimization? (Choose two.)

- A. Activate Windows OS paging.
- B. Turn on automatic Windows maintenance (scheduled tasks).
- C. Turn on automatic Windows Updates.
- D. Disable unnecessary services.
- E. Disable power options.
- Correct Answer: DE

Explanation: Windows golden image optimization is the process of reducing the size and improving the performance of the Windows OS image that is used as the base for the desktop pools. Some of the best practices for Windows golden image optimization are: Disable unnecessary services: Services that are not required for the desktop functionality or user experience should be disabled to reduce the resource consumption and potential security risks. For example, services such as Windows Search, Windows Defender, Windows Update, and Superfetch can be disabled for better performance and stability. Disable power options: Power options such as hibernation and sleep mode should be disabled to free up disk space and avoid potential issues with the desktop state. Hibernation can consume a large amount of disk space by creating a hiberfil.sys file that stores the system memory contents when the desktop is powered off. Sleep mode can cause problems with network connectivity and user sessions when the desktop is resumed from a low-power state. Other best practices for Windows golden image optimization include: Activate Windows OS paging: Paging is a mechanism that allows the OS to use a portion of the disk as virtual memory when the physical memory is insufficient. Paging can improve the performance and stability of the desktops by preventing out-ofmemory errors and reducing memory contention. However, paging can also increase disk I/O and wear, so it should be configured with caution and monitored regularly. Turn off automatic Windows maintenance (scheduled tasks): Automatic Windows maintenance is a feature that runs various tasks such as disk defragmentation, disk cleanup, security scanning, and system diagnostics in the background. These tasks can consume a lot of CPU, memory, and disk resources and interfere with the user experience and desktop performance. Therefore, it is recommended to turn off automatic Windows maintenance and run these tasks manually or on a scheduled basis when the desktops are not in use. Turn off automatic Windows Updates: Automatic Windows Updates is a feature that downloads and installs updates for the OS and other Microsoft products in the background. These updates can consume bandwidth, disk space, and CPUresources and cause compatibility issues with some applications or drivers. Therefore, it is recommended to turn off automatic Windows Updates and manage the updates manually or through a centralized tool such as VMware Update Manager or Microsoft WSUS. References: [Optimizing Your VMware Horizon View 7.x Golden Image] and [VMware Horizon 8.x Professional Course]

# **QUESTION 2**

Which storage product allows the pooling of resources to create datastores in a software defined datacenter?

- A. VMware VMFS
- B. VMware Storage I/O Control
- C. VMware HCI Mesh
- D. VMware vSAN



#### Correct Answer: D

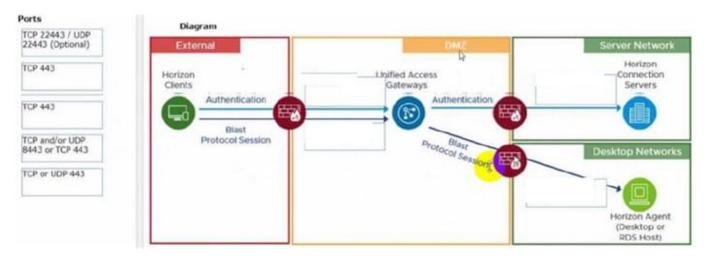
Explanation: VMware vSAN is a storage product that allows the pooling of resources to create datastores in a software defined datacenter. VMware vSAN is a hyper-converged infrastructure solution that integrates compute, storage, and networking resources on industry-standard x86 servers. VMware vSAN aggregates local or direct-attached data storage devices to create a single storage pool shared across all hosts in the vSAN cluster. VMware vSAN enables you to provision and manage storage from the VMware vSphere Web Client or the VMware vCenter Server Appliance Shell. VMware vSAN provides several benefits, such as lower total cost of ownership, simplified management, high performance, scalability, and availability12. References := 1: VMware Horizon 8 Documentation: VMware vSAN of Using VMware vSAN with Horizon 8

#### **QUESTION 3**

#### Refer to the exhibit.

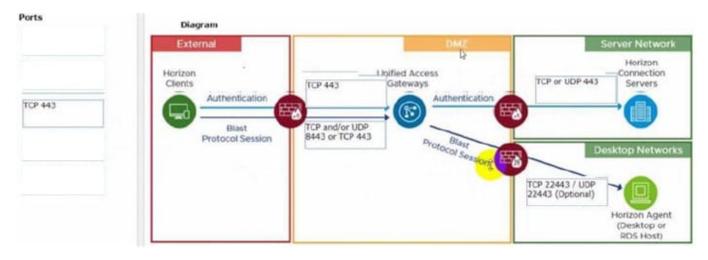
Drag and drop the ports on the left to allow an external Blast Extreme connection through Unified Access Gateway (UAG) into the diagram on the right.

#### Select and Place:



#### Correct Answer:





C:\Users\Waqas Shahid\Desktop\Mudassir\Untitled.jpg

### **QUESTION 4**

A junior-level Horizon administrator is not able to see all RDS farms.

Where would a high-level administrator need to make changes to correct the issue?

- A. Category Folder
- B. Access Groups
- C. Global Entitlements
- D. Global Policies
- Correct Answer: B

Explanation: Access groups are a way of organizing and delegating the administration of machines, desktop pools, application pools, and farms in Horizon. By default, all these objects reside in the root access group, which appears as / or Root (/) in Horizon Console. A high-level administrator can create sub-access groups under the root access group and assign different permissions to different administrators for each access group. For example, a high-level administrator can create an access group called RDS Farms and assign the Inventory Administrators role to a junior-level administrator for that access group. This way, the junior-level administrator can see and manage all the RDS farms that are in the RDS Farms access group, but not the ones that are in other access groups or the root access group. Therefore, to correct the issue of a junior-level administrator not being able to see all RDS farms, a high-level administrator needs to make changes to the access groups and the permissions associated with them. References: Understanding Permissions and Access Groups and [VMware Horizon 8.x Professional Course]

# **QUESTION 5**

Which vCenter privileges are required only for instant clones VMs with a Trusted Platform Module (vTPM) device?

A. Upgrade virtual machine compatibility



- B. Manage KM5
- C. Configure Host USB device
- D. Manage custom attributes

Correct Answer: B

Explanation: A Trusted Platform Module (vTPM) is a virtualized version of a physical TPM device that provides enhanced security for virtual machines. A vTPM device can be added to a virtual machine to enable features such as encryption,

attestation, and key management. A vTPM device requires a Key Management Server (KMS) to store and manage the encryption keys.

To create instant clones VMs with a vTPM device, the vCenter Server user must have certain privileges in addition to those required for instant clones without a vTPM device. One of these privileges is Manage KMS, which allows the user to

perform cryptographic operations on the vTPM device, such as cloning, decrypting, encrypting, migrating, and registering. The Manage KMS privilege is part of the Cryptographic operations privilege group on vCenter Server.

The other options are not required only for instant clones VMs with a vTPM device:

Upgrade virtual machine compatibility: This privilege allows the user to upgrade the virtual hardware version of a virtual machine to support new features and capabilities. This privilege is required for instant clones VMs regardless of whether

they have a vTPM device or not.

Configure Host USB device: This privilege allows the user to configure USB devices on an ESXi host and attach them to a virtual machine. This privilege is not related to vTPM devices or instant clones VMs.

Manage custom attributes: This privilege allows the user to create, edit, and delete custom attributes for vCenter Server objects. Custom attributes are user-defined fields that can store additional information about objects. This privilege is not

related to vTPM devices or instant clones VMs.

References: Privileges Required for the vCenter Server User With Instant Clones, vSphere Virtual Machine Administration, and [VMware Horizon 8.x Professional Course]

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