2V0-51.23Q&As

VMware Horizon 8.x Professional

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QUESTION 1

An administrator is configuring load-balancing settings in Horizon Console for a RDSH Farm. Which two check boxes can be selected to influence the load balancing behavior? (Choose two.)

A. The floating dynamic host profile setting, created in the vSphere profile section.

B. The use custom script setting for customized RDSH load balancing.

C. The Include Session Count setting to include the session count on the RDSH for load balancing.

D. The Horizon DRS setting for fully automated vSphere load balancing.

Correct Answer: BC

Explanation: Load balancing is a feature that allows administrators to distribute the load of published desktop and application sessions across multiple RDS hosts in a farm. Load balancing can improve the performance and availability of the sessions and the hosts. Horizon offers two ways of configuring load balancing for RDS hosts: using load balancing settings in Horizon Console or using custom load balancing scripts. The load balancing settings in Horizon Console allow administrators to define how Horizon calculates the server load index, which indicates the load on each RDS host. The server load index can range from 0 to 100, where 0 represents no load and 100 represents full load. A server load index of -1 indicates that load balancing is disabled. Horizon uses the server load index to determine which RDS host is the best candidate for placing a new session request. The load balancing settings in Horizon Console include the following check boxes that can be selected to influence the load balancing behavior: The use custom script setting for customized RDSH load balancing: This setting allows administrators to override the default behavior of the load balancing settings and control the placement of new sessions by writing and configuring custom load balancing scripts. The custom scripts must write the server load index to a specific registry key on each RDS host. Horizon will use the value from the registry key instead of calculating it from the other settings. The Include Session Count setting to include the session count on the RDSH for load balancing: This setting allows administrators to include the number of sessions (connected, pending, and disconnected) on each RDS host as a factor in calculating the server load index. By default, Horizon uses the following formula to calculate the server load index based on the session count: (connected sessions + pending sessions + disconnected sessions)/ (maximum session count). If the maximum session count is configured as unlimited, Horizon falls back to using the absolute number of total sessions. The other options are not check boxes that can be selected in the load balancing settings in Horizon Console: The floating dynamic host profile setting, created in the vSphere profile section: This option is not related to load balancing for RDS hosts, but rather to dynamic environment manager for instant-clone desktops. A dynamic host profile is a vSphere profile that contains configuration settings for instant-clone desktops, such as network settings, domain join settings, and customization scripts. A floating dynamic host profile is a type of dynamic host profile that applies to floating desktop pools, where users are assigned a random desktop from a pool at each login. The Horizon DRS setting for fully automated vSphere load balancing: This option is not related to load balancing for RDS hosts, but rather to distributed resource scheduler (DRS) for vSphere clusters. DRS is a feature that monitors and balances the CPU and memory resources across multiple ESXi hosts in a cluster. DRS can also migrate virtual machines between hosts using vMotion to optimize resource utilization and performance. Horizon DRS is an extension of DRS that integrates with Horizon and provides additional capabilities, such as affinity rules, maintenance mode, and power management. Horizon DRS can be configured with different automation levels, such as fully automated, partially automated, or manual. References: Configuring Load Balancing for RDS Hosts in Horizon Console, Load Balancing Settings, Load Balancing Scripts, [Dynamic Host Profiles], and [VMware Horizon 8.x Professional Course]

QUESTION 2

An administrator is creating an instant clone desktop pool and needs to enable NVIDIA Grid 3D Rendering. NVIDIA GRID vGPU and drivers are installed on the physical ESXi hosts.

In Horizon Console, when creating an instant-clone pool, the NVIDIA GRID vGPU option is not available in the 3D Render field.

Which two of the following could be the reason for the issue? (Choose two.)

A. Horizon 8 does not have an explicit 3D renderer option for instant clone. Select Manage Using vSphere Client in the 3D Render field. Instant-clones inherit the settings configured in the vSphere Client for the golden image.

B. In Horizon Console, when an instant-clone pool is created, the golden image and snapshot that the administrator selected has not been configured for NVIDIA GRID vGPU.

C. The administrator has selected Shared when editing the Host Graphics Settings for the ESXi host in the vCenter Server.

D. Instant-clone pools do not support NVIDIA GRID vGPU.

E. The administrator has selected Shared Direct when editing the Host Graphics Settings for the ESXi host in the vCenter Server.

Correct Answer: AB

Explanation: To enable an instant-clone pool to use NVIDIA GRID vGPU, the administrator needs to do the following:

Install NVIDIA GRID vGPU in the physical ESXi hosts and select Shared Direct in the Host Graphics Settings12.

Prepare a golden image with NVIDIA GRID vGPU configured, including selecting the vGPU profile to use12.

Take a snapshot of the golden image12.

In Horizon Console, when creating an instant-clone pool, select Manage Using vSphere Client in the 3D Render field. Instant-clones inherit the settings configured in the vSphere Client for the golden image12.

Therefore, the possible reasons for the issue are:

The administrator has selected Shared instead of Shared Direct when editing the Host Graphics Settings for the ESXi host in the vCenter Server. This option is for vSGA, not vGPU3.

The golden image and snapshot that the administrator selected has not been configured for NVIDIA GRID vGPU. The administrator needs to verify that the correct vGPU profile is selected and that the NVIDIA drivers are installed in the

golden image4.

The other options are not valid because:

Horizon 8 does have an explicit 3D renderer option for instant clone, but it is Manage Using vSphere Client, not NVIDIA GRID vGPU12. Instant-clone pools do support NVIDIA GRID vGPU as long as the ESXi hosts and the golden image are

properly configured12.

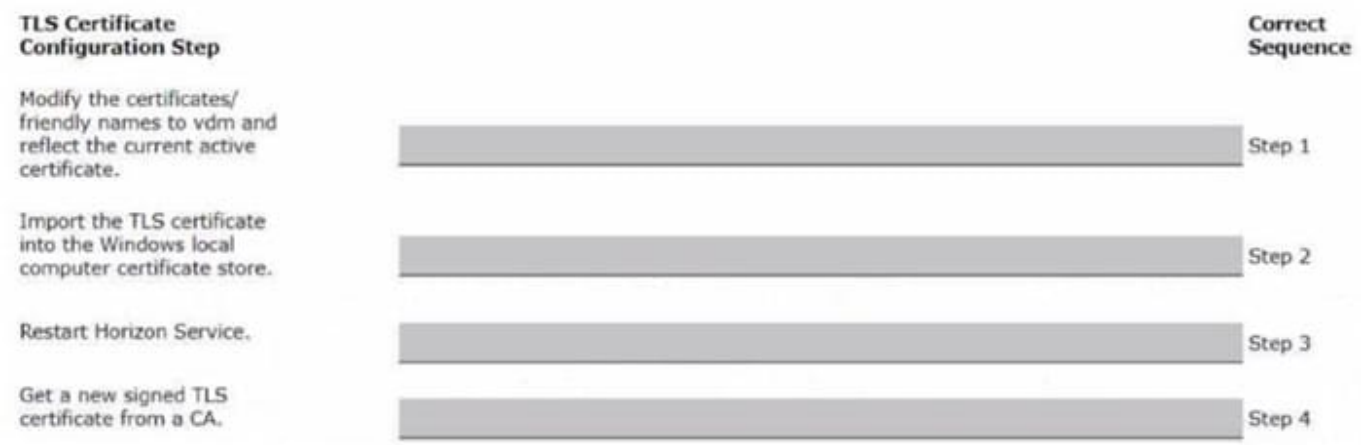
References := 1: VMware Horizon 8 Documentation: Enable NVIDIA GRID vGPU for Instant-Clone Pools 2: VMware Horizon 8 Documentation: Configuring 3D Rendering for Automated Instant Clone Farms 3: VMware Horizon 8

Documentation: Types of Graphics Acceleration 4: VMware Horizon 8 Documentation: Prepare a Virtual Machine to Use Accelerated 3D Graphics

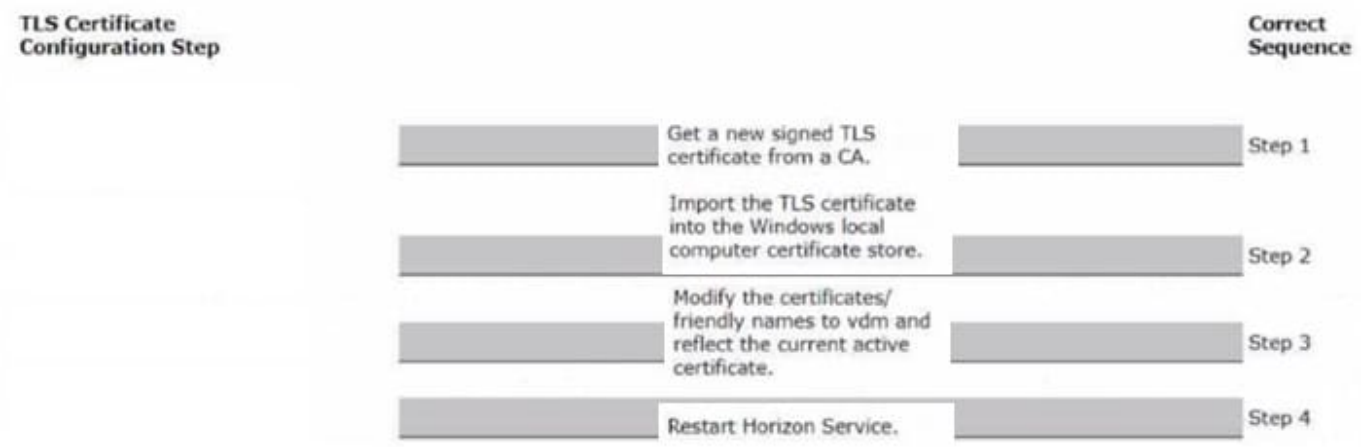
QUESTION 3

Drag and drop the TLS Configuration steps on the left into the correct sequential order on the right.

Select and Place:



Correct Answer:



To correctly sequence the TLS Certificate Configuration Steps:

Get a new signed TLS certificate from a CA.Before making any modifications or importing the certificate, you\\'ll first need to obtain a new signed TLS certificate from a Certificate Authority (CA). So, this should beStep 1.

Import the TLS certificate into the Windows local computer certificate store.After obtaining the new signed TLS certificate, the next logical step is to import this certificate into the Windows local computer certificate store. This would beStep 2.

Modify the certificates/ friendly names to vdm and reflect the current active certificate.Once the certificate is imported, the next step is to modify its friendly names to ensure the Horizon Service recognizes and uses this certificate. This

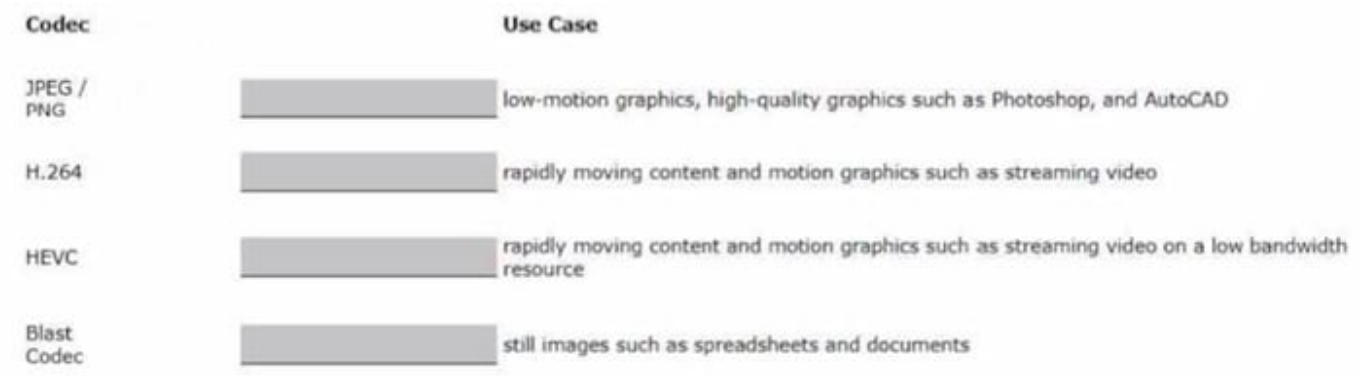
becomesStep 3.

Restart Horizon Service.Finally, after all the modifications and configurations are done, you should restart the Horizon Service to apply the changes. This isStep 4.

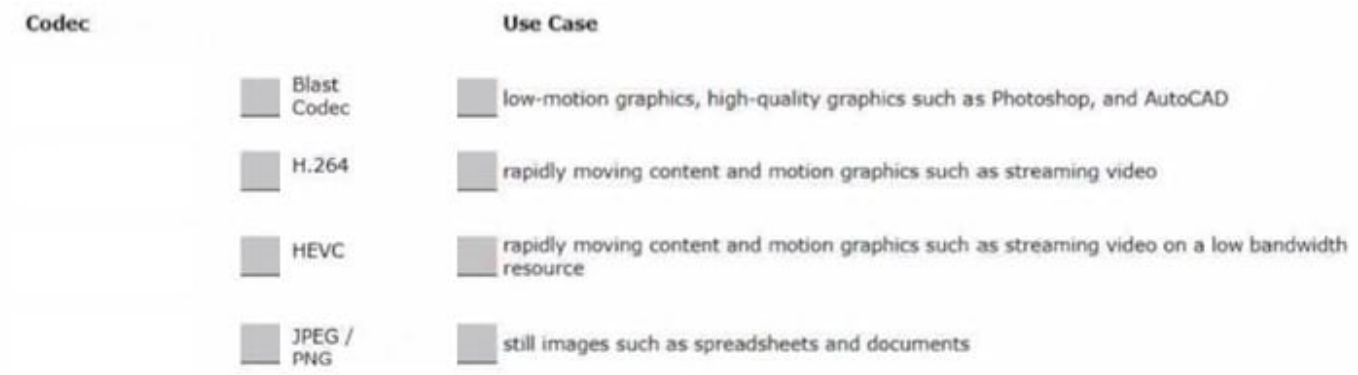
QUESTION 4

Drag and drop the codecs supported by Blast on the left to the appropriate use case on the right.

Select and Place:



Correct Answer:



JPEG/PNG - Still images.

H.264: Rapidly moving content and motion graphics such as streaming video, video editing, and gaming.

HEVC: Rapidly moving content on a low bandwidth resource.

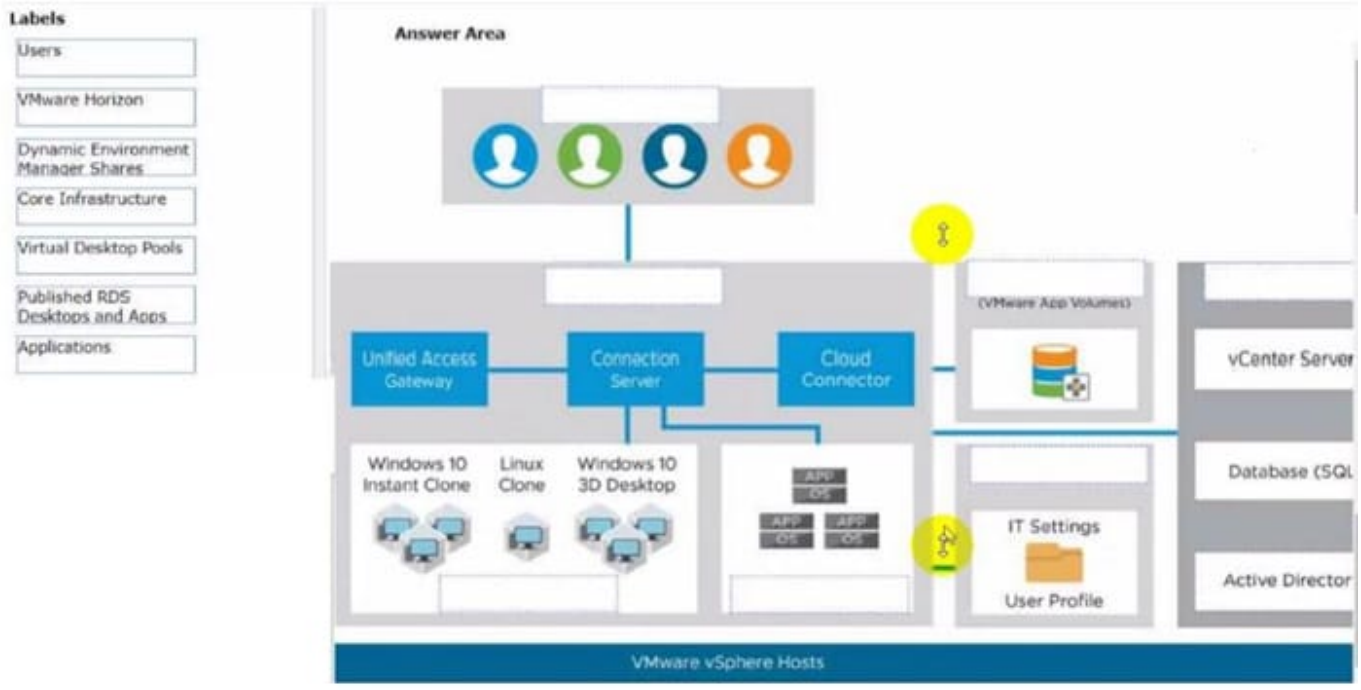
Proprietary Blast codec: Low-motion graphics, high-quality graphics such as Photoshop, and AutoCAD.

QUESTION 5

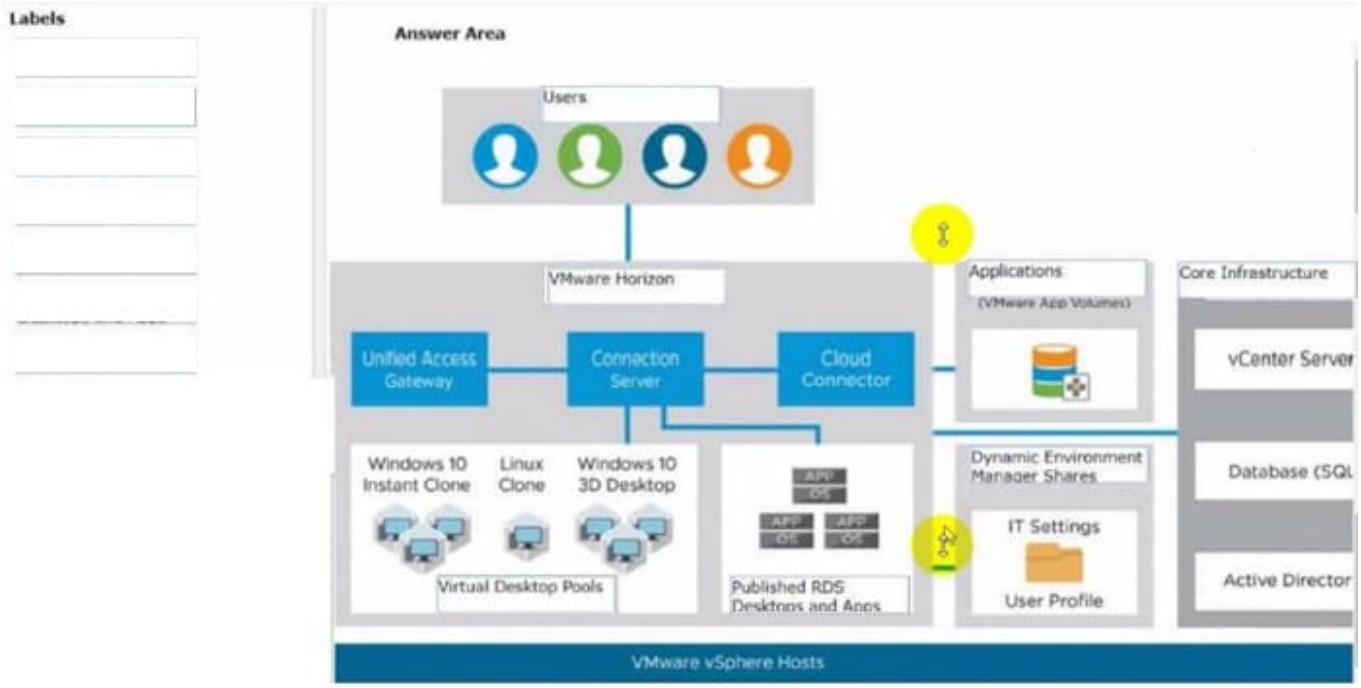
Refer to the exhibit.

Drag and drop the labels on the left into their correct location in the diagram of VMware Horizon Architecture on the right.

Select and Place:



Correct Answer:



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