2V0-51.23Q&As

VMware Horizon 8.x Professional

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QUESTION 1

While creating a new Instant Clone Desktop Pool, an administrator does not see a particular Windows 10 VM available or listed as an option for use as the golden image. Which step must the administrator perform, prior to creating this new desktop pool?

A. Validate the Golden Image with VMware Skyline Health.

B. Install VMware Dynamic Environment Manager Agent.

C. Take a Snapshot of the VM that is the golden image.

D. Configure Advanced parameters of VMware Tools for Horizon of this VM.

Correct Answer: C

To create an instant-clone desktop pool, you must first create a golden image virtual machine and take a snapshot of it in a powered-down state. This snapshot provides the base image for the clones. You cannot create an instant-clone desktop pool from a VM template or a powered-on VM. Therefore, the administrator must take a snapshot of the VM that is the golden image before creating the new desktop pool. References: Create an Instant-Clone Desktop Pool and Instant Clone Desktop Pools

QUESTION 2

Which are the required permissions an administrator must assign to the user account for instant-clone operations in Active Directory before creating instant-clone desktop pools? (Choose three.)

A. Create and Delete Child objects

B. Read and Write All Properties

C. Modify Owner

D. Write to service principal names

E. List contents

F. Create and Delete Computer Objects

Correct Answer: ABF

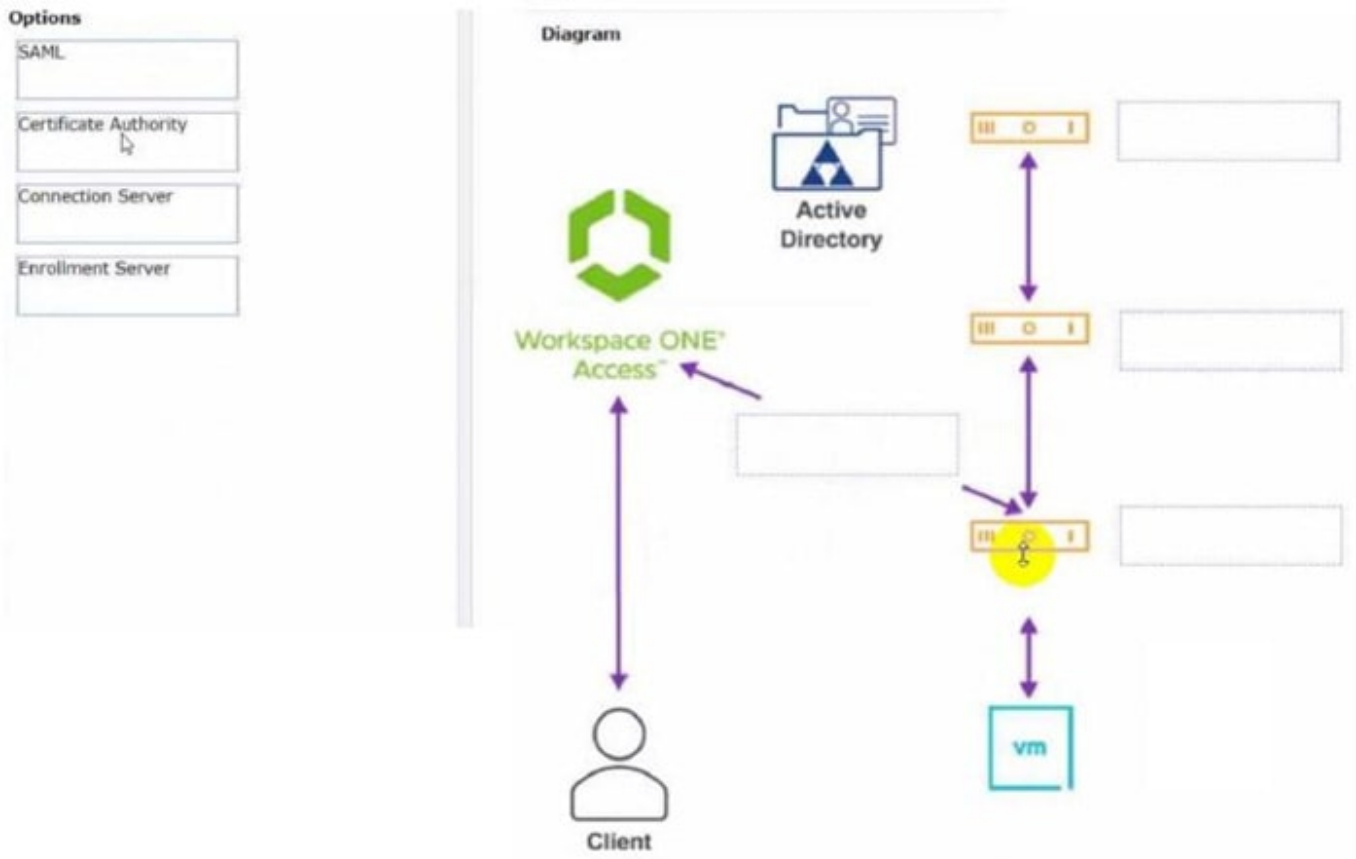
For instant-clone operations in Active Directory, the user account used by VMware Horizon needs specific permissions to manage computer objects effectively. These include the ability to create and delete child objects and computer objects, as well as read and write all properties of those objects. These permissions ensure that Horizon can create, modify, and clean up computer accounts associated with instant clones, facilitating seamless desktop provisioning and management.

QUESTION 3

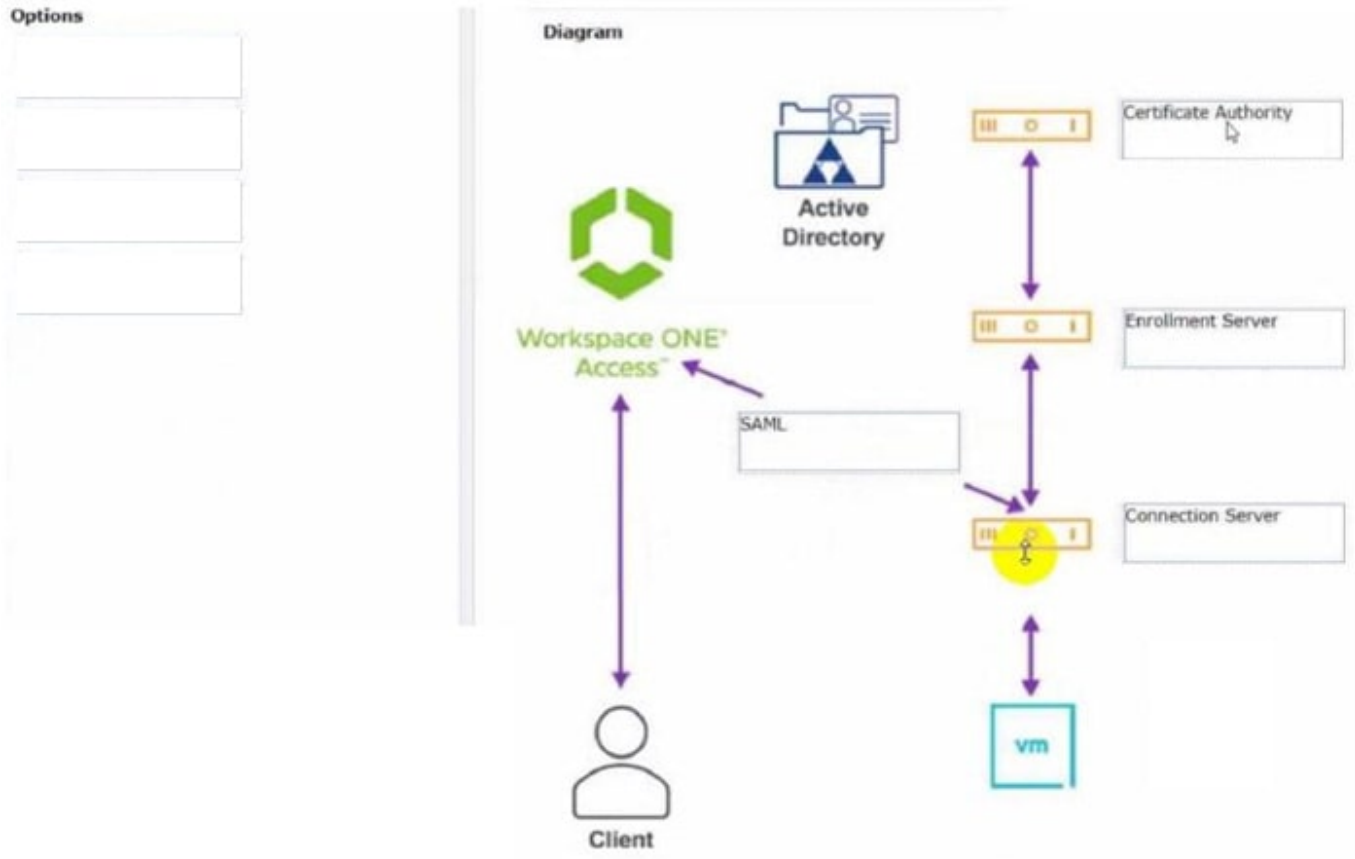
DRAG DROP

Drag and drop the correct options to build a Simple True 5SO Architecture on the left into the diagram on the right.

Select and Place:



Correct Answer:



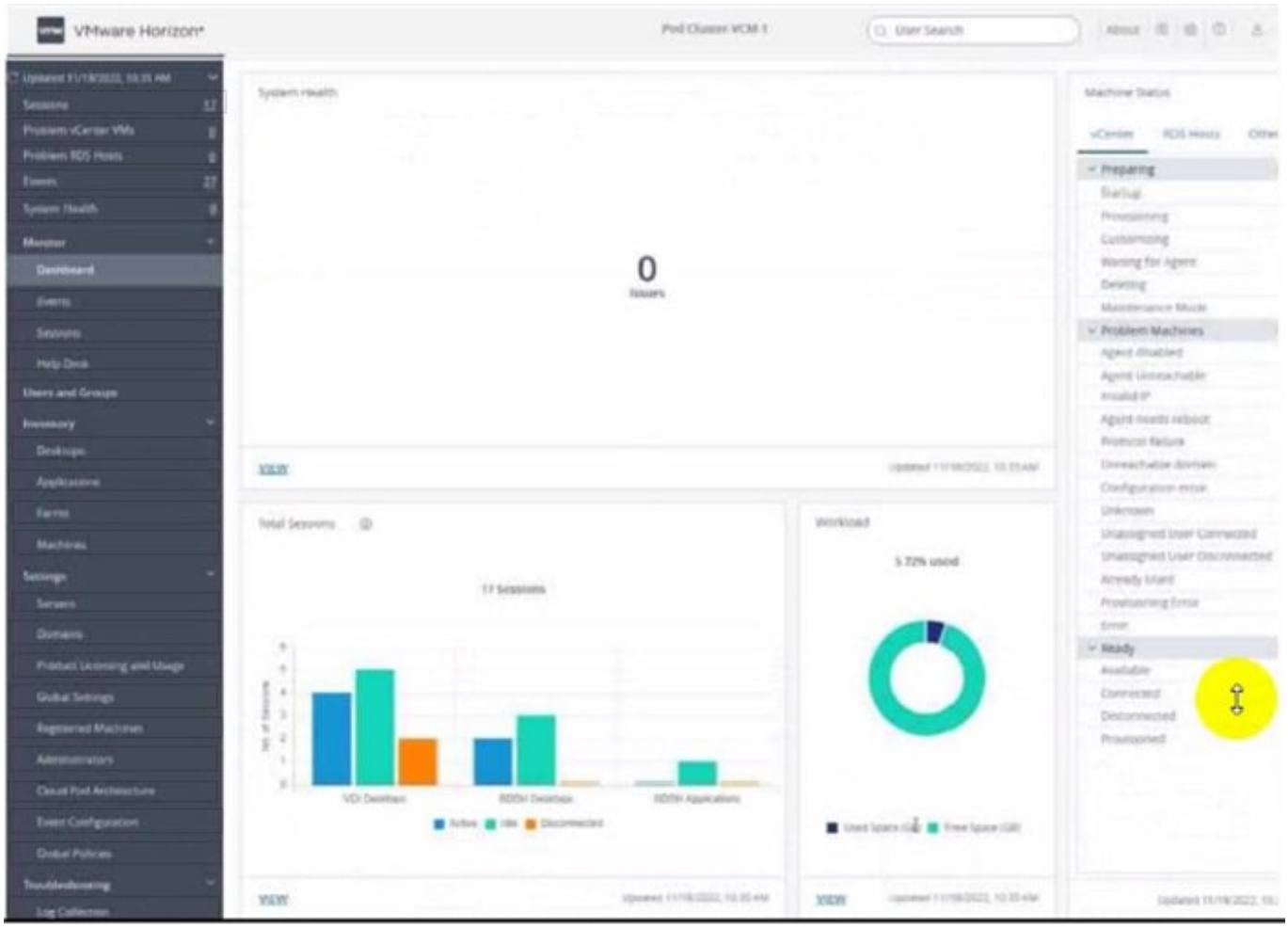
QUESTION 4

HOTSPOT

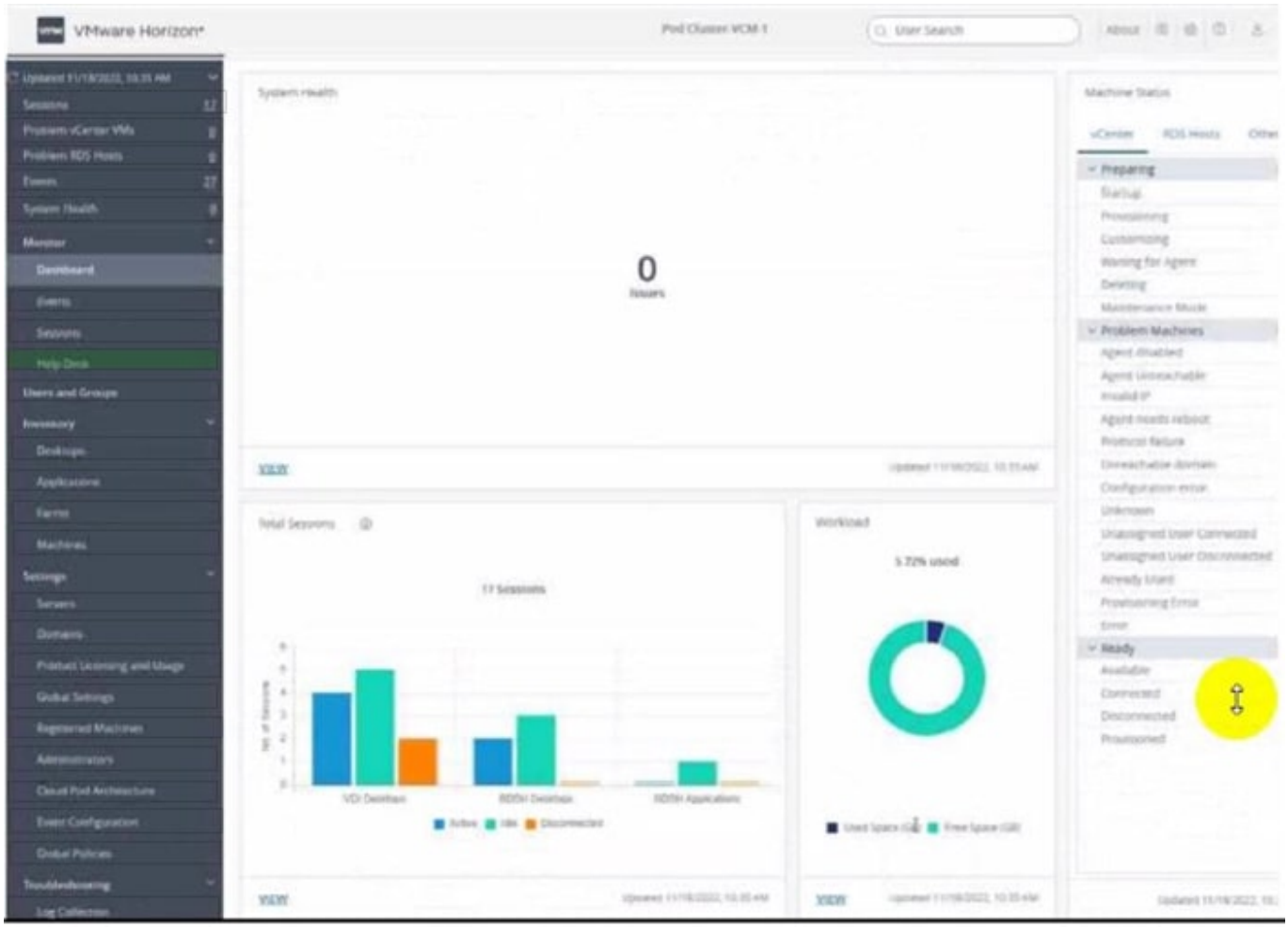
An administrator needs to monitor the advanced metrics of desktop sessions in Horizon Console.

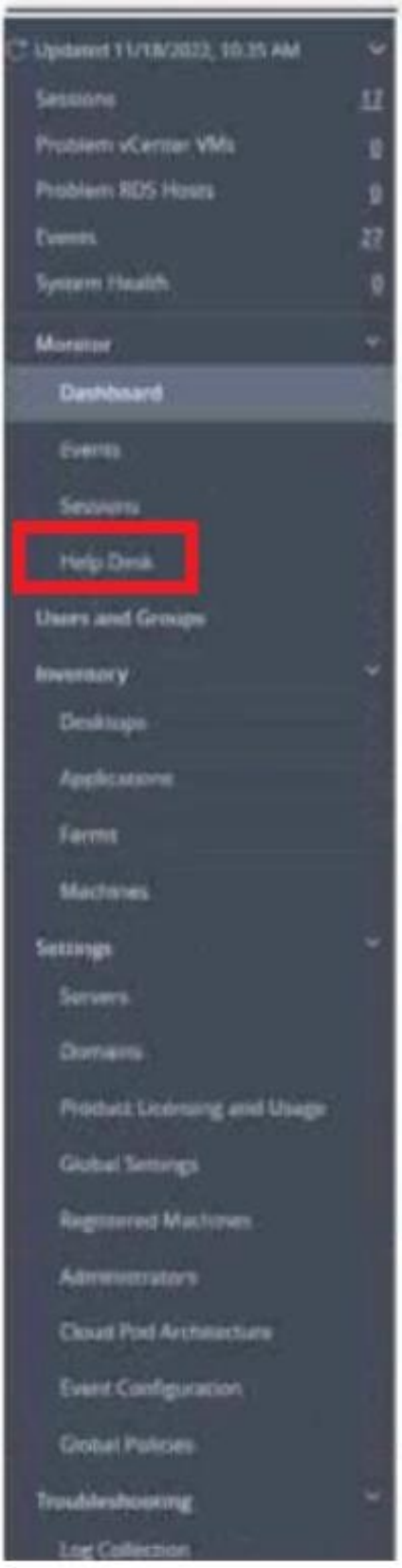
Mark where the administrator would navigate in the Horizon Console by clicking on it.

Hot Area:



Correct Answer:


VMware Horizon
0
Issues
Total Sessions
Workload
Machine Status
Preparing
Problem Machines
Ready



To monitor the advanced metrics of desktop sessions in Horizon Console, you need to use the Horizon Help Desk Tool. This is a web application that you can use to get the status of Horizon 8 user sessions and to perform troubleshooting

and maintenance operations1. You can also view performance details for a virtual or published desktop session that

uses the PCoIP or VMware Blast display protocol2.

To access the Horizon Help Desk Tool, you need to click on the Monitoring tab on the left side of the Horizon Console. Then, you need to select Help Desk from the drop-down menu. This will open the Horizon Help Desk Tool in a new

browser tab. You can then search for a user, machine, or pool and view the session details. You can also click on More to see the advanced metrics such as latency, bandwidth, protocol, and frame rate1.

QUESTION 5

On a VMware vCenter managed virtual machine, how does the VMware Horizon Agent know which Connection Server it should register with during the Instant Clone pool creation process?

A. Administrator provides this information in the "Add Pool" creation wizard.

B. Horizon Agent retrieves this information from an DNS SRV record.

C. Administrator provides this information in the Horizon Agent Installation Wizard on the master image.

D. Horizon Agent queries VMware Tools for a GuestInfo Variable during the cloning process.

Correct Answer: D

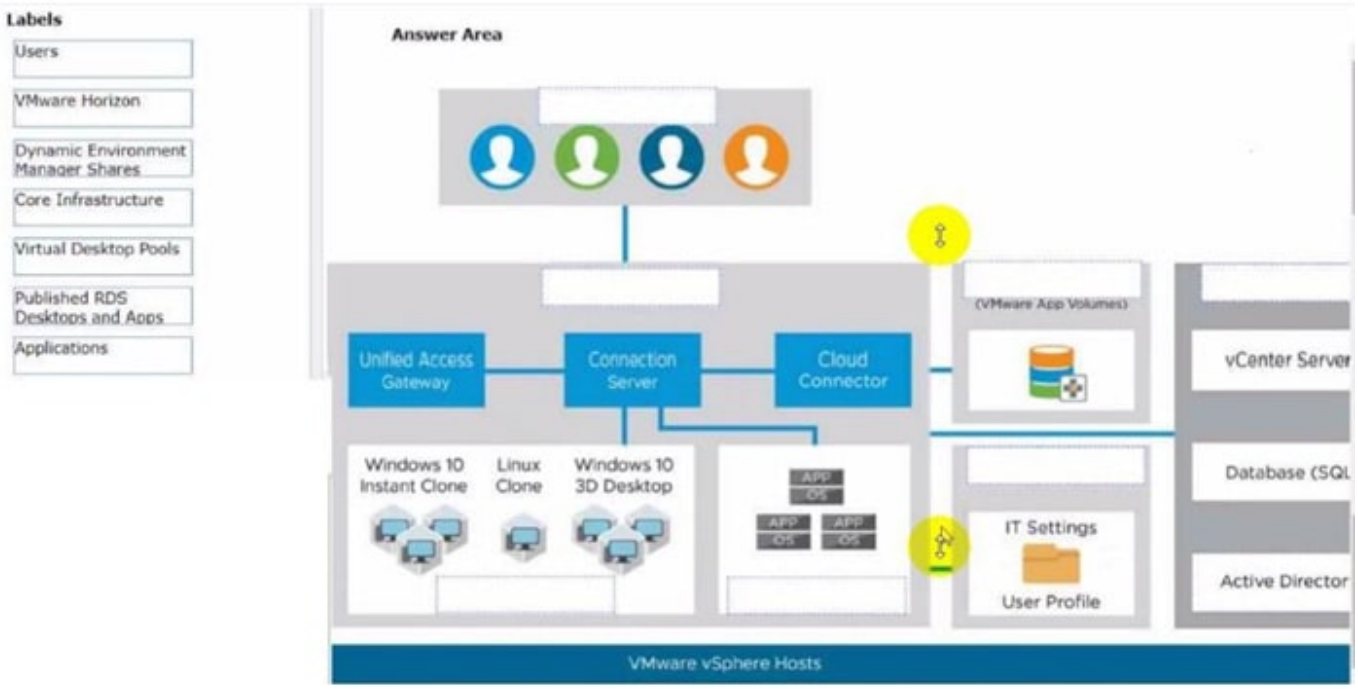
On a VMware vCenter managed virtual machine, the VMware Horizon Agent knows which Connection Server it should register with during the Instant Clone pool creation process by querying VMware Tools for a GuestInfo Variable during the cloning process. The GuestInfo Variable is a custom property that is set on the parent virtual machine and contains the FQDN of the Connection Server. When the parent virtual machine is cloned, the GuestInfo Variable is copied to the clone and read by the Horizon Agent. The Horizon Agent then registers with the Connection Server specified in the GuestInfo Variable12. The other options are not correct for this scenario: Administrator provides this information in the "Add Pool" creation wizard. This option is not correct because the administrator does not need to provide the Connection Server information in the "Add Pool" creation wizard. The administrator only needs to select the vCenter Server, data center, cluster, resource pool, datastore, network, and snapshot of the parent virtual machine. The Connection Server information is already embedded in the parent virtual machine as a GuestInfo Variable3. Horizon Agent retrieves this information from an DNS SRV record. This option is not correct because the Horizon Agent does not use DNS SRV records to find the Connection Server during the Instant Clone pool creation process. DNS SRV records are used by Horizon Client devices to discover Connection Servers when they connect to a Horizon environment. DNS SRV records are optional and can be configured by the administrator to simplify client connections4. Administrator provides this information in the Horizon Agent Installation Wizard on the master image. This option is not correct because the administrator does not need to provide the Connection Server information in the Horizon Agent Installation Wizard on the master image. The administrator only needs to select the features and options that are required for the desktop pool, such as VMware Horizon Instant Clone Agent, VMware Dynamic Environment Manager, VMware App Volumes, and so on. The Connection Server information is set on the master image after it is converted to a parent virtual machine by using a PowerShell script5. References: Instant Clones: How Does It Work? Instant Clone Domain Administrator Account Create an Automated Instant-Clone Desktop Pool Configuring DNS Service Records for Horizon Connection Server Install Horizon Agent on a Virtual Machine [VMware Horizon 8.x Professional] [VMware Horizon Architecture Planning]

QUESTION 6

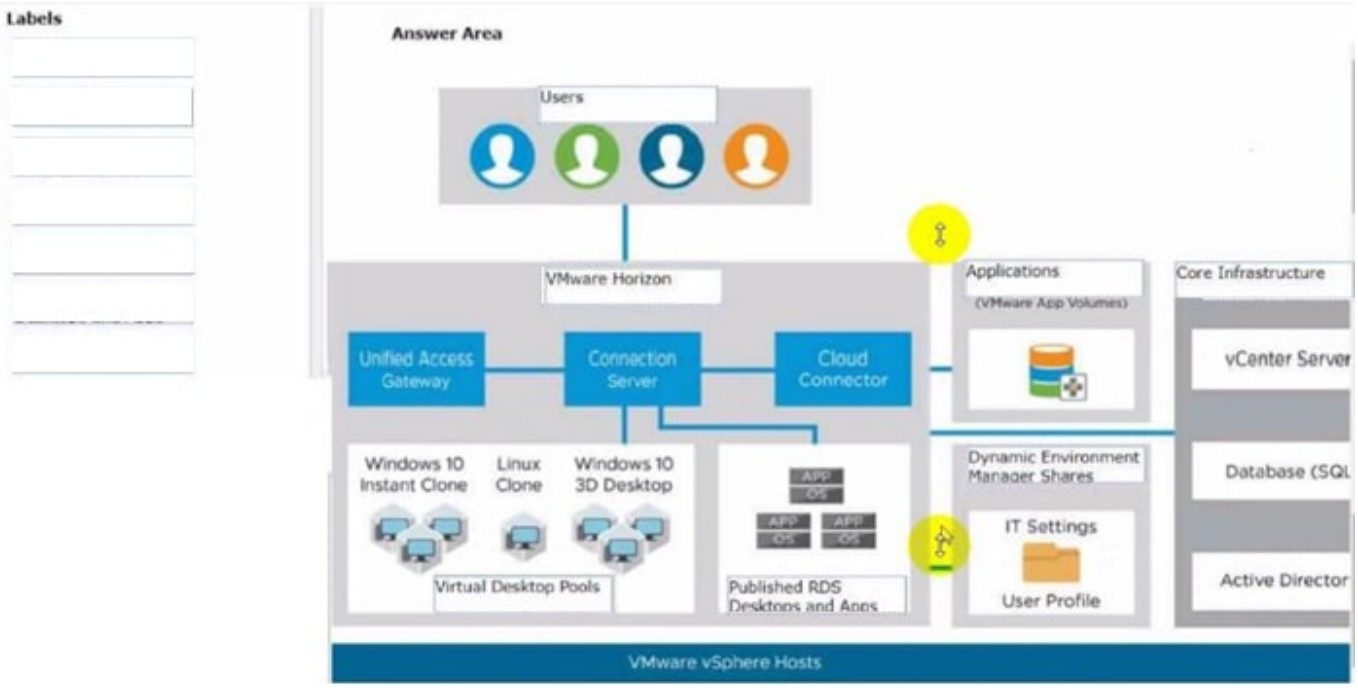
DRAG DROP

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:



QUESTION 7

Which three steps are required to entitle user and groups to pools? (Choose three.)

A. Run the Active Directory entitlement script in the golden master, when preparing if for the pool.

B. During pool creation in the entitlement pane, click on add, search for users and groups in the Active Directory, continue and finish the pool creation.

C. During the Pool creation the desired Active Directory OU for the VMs will be specified. This will automatically add the preconfigured associated user group to the Horizon entitlements.

D. Navigate to Inventory > Desktops > check mark a pool > click on Add Entitlement.

E. Navigate to Users and Groups > Entitlements > click on Entitlements > click on Add Entitlements, search for users and groups in the Users pane and add the desired desktop pool in the next pane Desktop Pools.

Correct Answer: BDE

To entitle users and groups to pools, you need to perform the following steps: During pool creation in the entitlement pane, click on add, search for users and groups in the Active Directory, continue and finish the pool creation. This option allows you to entitle users and groups to a desktop or application pool at the same time as you create the pool3. Navigate to Inventory > Desktops > check mark a pool > click on Add Entitlement. This option allows you to add entitlements to an existing desktop or application pool after you create the pool4. Navigate to Users and Groups > Entitlements > click on Entitlements > click on Add Entitlements, search for users and groups in the Users pane and add the desired desktop pool in the next pane Desktop Pools. This option allows you to review and manage the entitlements for users and groups from a single location5. The other options are not required or valid for entitling users and groups to pools. Running the Active Directory entitlement script in the golden master is not necessary as Horizon 8 automatically synchronizes with Active Directory domains that are configured in Horizon Console6. Specifying the desired Active Directory OU for the VMs during pool creation does not automatically add the preconfigured associated user group to the Horizon entitlements as you still need to select the users or groups from the search results7. References := 3: VMware Horizon 8 Documentation: Add Entitlements During Pool Creation 4: VMware Horizon 8 Documentation: Add Entitlements After Pool Creation 5: VMware Horizon 8 Documentation: Review and Manage Entitlements 6: VMware Horizon 8 Documentation: Active Directory Requirements forHorizon Connection Server 7: VMware Horizon 8 Documentation: Create an Automated Desktop Pool

QUESTION 8

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

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 9

Which pre-requisite should be met before installing the Horizon Connection Server?

A. The host system must be a vSphere VM with a static IP address.

B. Use a domain user account with administrator privileges on the Horizon Connection Server.

C. An SSL server certificate must be installed on the Horizon Connection Server.

D. Install AD DS and AD LDS Tools on the Horizon Connection Server.

Correct Answer: B

One of the prerequisites for installing the Horizon Connection Server is to use a domain user account with administrator privileges on the system. This is because the installer needs to access and modify certain system files and registry settings, as well as create and configure the VMware Horizon View services. The installer also authorizes an Administrators account that has full administration rights for the Horizon environment, including the right to install replicated Connection Server instances. The other options are not prerequisites for installing the Horizon Connection Server. The host system can be a physical or virtual machine, but it must have an IP address that does not change. An SSL server certificate is not required for the initial installation, but it is recommended to replace the default self-signed certificate with a valid certificate from a trusted CA after the installation. AD DS and AD LDS Tools are not required for installing the Horizon Connection Server, but they can be useful for troubleshooting and managing the ADAMdatabase that stores the Horizon configuration data. References: Installation Prerequisites for Horizon Connection Server and [VMware Horizon

8.x Professional Course]

QUESTION 10

An administrator is tasked with configuring VMware Integrated Printing. They enabled the VMware Integrated Printing feature during the installation of the Horizon Agent in the golden image, and created a Test Desktop Pool. On a physical end-point where the Horizon Client already is installed, the administrator added multiple network printers which are working perfectly. They test the configuration by connecting to the Horizon Desktop with the Horizon Client, unfortunately they do not see the printers within their Horizon Desktop.

What could be the reason that the administrator is not seeing the printers within his Horizon Desktop session?

A. Port TCP 9427 is disabled.

B. The VMware Integrated Printing feature is not installed in the Horizon Client.

C. Printing is disabled in the Horizon Desktop Pool.

D. Port TCP 32111 is disabled.

Correct Answer: C

One of the possible reasons that the administrator is not seeing the printers within his Horizon Desktop session is that printing is disabled in the Horizon Desktop Pool. Printing is a feature that allows users to print from a remote desktop to

any local or network printer available on their client device. Printing can be enabled or disabled for each desktop pool by using the VMware Integrated Printing feature. VMware Integrated Printing is a feature that supports client printer

redirection, location- based printing, and persistent print settings. Client printer redirection enables users to print from a remote desktop to any local or network printer available on their client device. Location-based printing enables users to

print to network printers that are physically near their client device. Persistent print settings enable users to retain their print settings across sessions.

To enable or disable printing for a desktop pool, the administrator needs to follow these steps:

In Horizon Console, select Inventory > Desktops.

Select the desktop pool and click Edit.

In the Edit Desktop Pool dialog box, select the VMware Integrated Printing tab. Select or clear the Enable VMware Integrated Printing check box.

Click OK.

If printing is disabled for a desktop pool, users will not see any printers within their Horizon Desktop session, even if they have installed the VMware Integrated Printing feature in the Horizon Agent and the Horizon Client. Therefore, to resolve

this issue, the administrator needs to enable printing for the desktop pool by selecting the Enable VMware Integrated Printing check box.

The other options are not likely to be the reason that the administrator is not seeing the printers within his Horizon Desktop session:

Port TCP 9427 is disabled: This port is used by the VMware Integrated Printing feature for communication between the Horizon Agent and the Horizon Client. If this port is disabled, users might experience printing errors or delays, but they

should still see the printers within their Horizon Desktop session. The VMware Integrated Printing feature is not installed in the Horizon Client: This feature is installed by default in the Horizon Client for Windows, Mac, Linux, Chrome, and

HTML Access. If this feature is not installed in the Horizon Client, users might not be able to print from their remote desktops, but they should still see the printers within their Horizon Desktop session. Port TCP 32111 is disabled: This port is

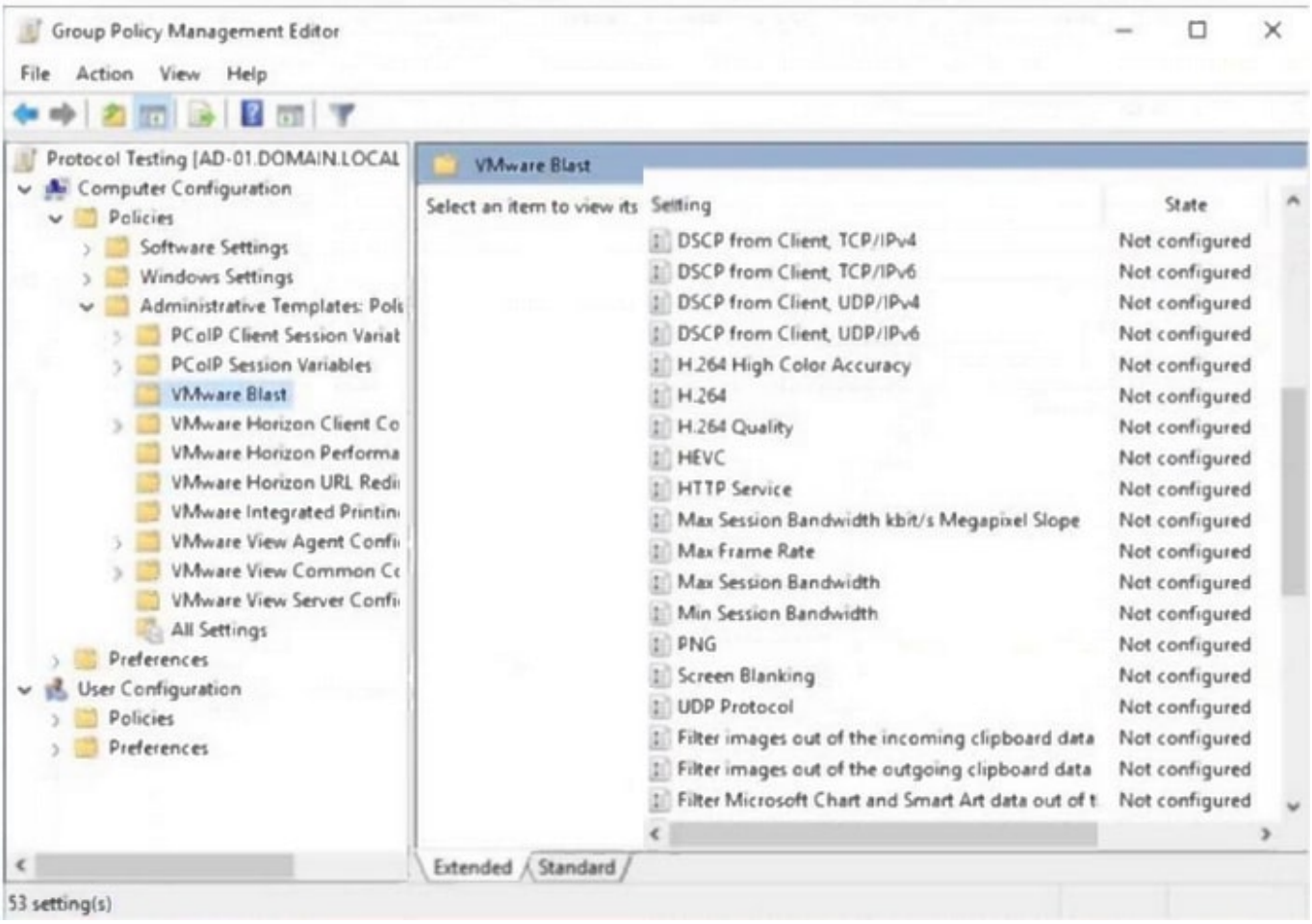
used by ThinPrint for communication between the Horizon Agent and the ThinPrint Client. ThinPrint is a legacy printing feature that has been replaced by VMware Integrated Printing. If this port is disabled, users might experience printing

errors or delays with ThinPrint, but they should still see the printers within their Horizon Desktop session if they use VMware Integrated Printing.

References: Configuring VMware Integrated Printing, Enable or Disable Printing for a Desktop Pool, and [VMware Horizon 8.x Professional Course]

QUESTION 11

Refer to the exhibit.



An administrator wants to be able to see the desktop VM\\'s active session in vSphere Console.

In the Group Policy Management Editor window, mark the correct VMware Blast setting to be configured by clicking on it.

A. check the answer in the explanation

B. PlaceHolder

C. PlaceHolder

D. PlaceHolder

Correct Answer: A

In the Group Policy Management Editor window shown, the administrator should configure the "VMware Horizon Performance Tracker " setting to be able to see the desktop VM\\'s active session in the vSphere Console. However, this setting is not directly visible in the screenshot provided. The Performance Tracker is a tool that enables the monitoring of session performance and is used for this purpose.

In the list shown, there is no specific setting under "VMware Blast" that directly allows for the monitoring of active sessions in the vSphere Console. Typically, active session monitoring in the vSphere Console is not solely managed via Group Policy but also involves settings within the VMware Horizon Console itself and the vSphere infrastructure.

If the task requires enabling something from Group Policy for better visibility or performance tracking of the VM\\'s active sessions, then the closest relevant setting in the context of VMware Blast would be the "VMware Horizon Performance Tracker" if it was listed or part of another category in the Group Policy settings.

QUESTION 12

Which three of the following are benefits of using Virtual Machines? (Choose three.)

A. Difficult to move or copy.

B. Independent of physical hardware.

C. Faster to provision.

D. Bound to a specific set of hardware components.

E. Easy to move or copy.

Correct Answer: BCE

One of the benefits of using virtual machines is that they are independent of physical hardware. This means that they can run on any compatible host machine, regardless of the underlying hardware components. This also enables them to be migrated, moved, or copied easily from one host to another, without requiring any reconfiguration or installation. This enhances the flexibility and portability of virtual machines, as well as their availability and disaster recovery. Another benefit of using virtual machines is that they are faster to provision than physical machines. This is because they can be created from templates or snapshots, which contain preconfigured operating systems and applications. This reduces the time and effort needed to install and configure software on each machine. Moreover, virtual machines can be cloned or duplicated quickly, allowing for rapid scaling and deployment of multiple identical instances. References := Virtual Machines Overview Creating and Provisioning Virtual Machines Migrating Virtual Machines

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QUESTION 13

Which two steps must be completed in order to expand a Writable Volume? (Choose two.)

A. Select Volumes > Writables > Select Volume > Update Writable.

B. Specify a size which is at least 1MB larger than the current size of the volume.

C. Select Volumes > Writables > Select Volume > Expand.

D. Specify a size which is at least 1GB larger than the current size of the volume.

E. Modify the snapvol.cfg to reflect the new size.

Correct Answer: AD

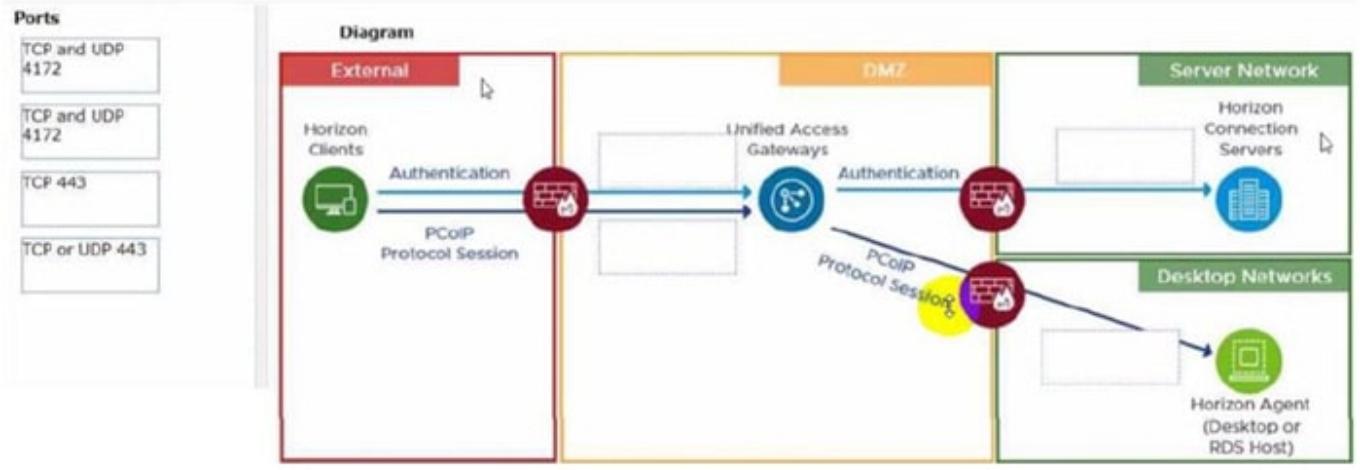
To expand a Writable Volume in VMware Horizon, the administrator needs to navigate to the Volumes > Writables section in the Horizon Console, select the specific volume, and choose the option to update or expand the writable volume. The new size specified must be at least 1GB larger than the current size to ensure there is enough space for the expansion process and to accommodate the growth of user data.

QUESTION 14

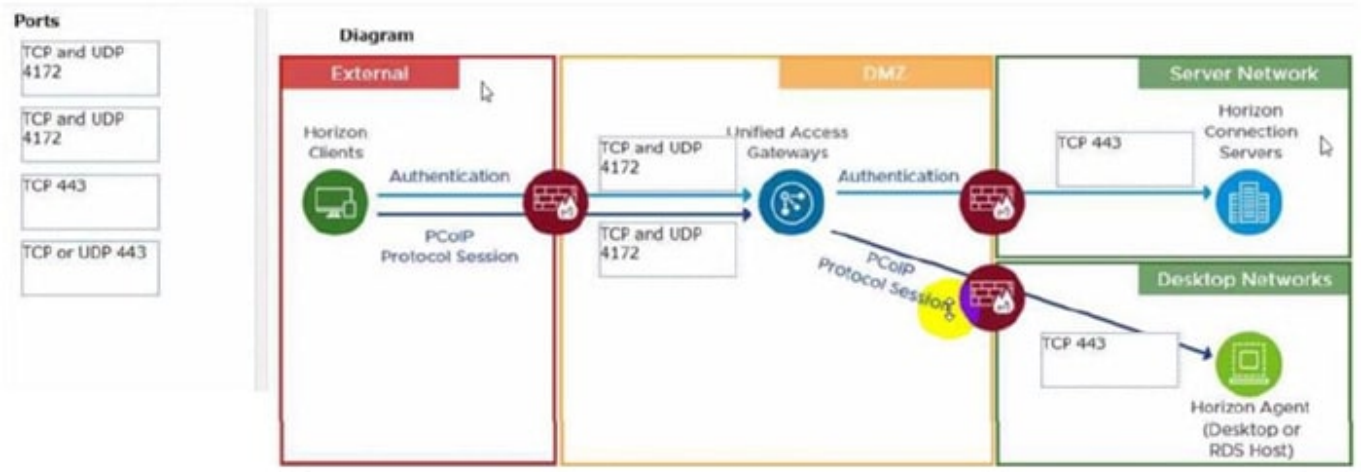
DRAG DROP

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

Select and Place:



Correct Answer:



QUESTION 15

A Horizon administrator does not see the health status for the Unified Access Gateways (UAG) they configured in the Horizon Console. What two options could be causing the issue? (Choose two.)

A. The Connection Server needs to be rebooted.

B. The firewall hasn\\'t been configured properly to allow traffic on port 443.

C. Another license is needed for UAG health overview.

D. The pod needs to be added to the Cloud Pod Federation.

E. The name entered in the Horizon console doesn\\'t match up with the system name in UAG.

Correct Answer: BE

If the Horizon Console does not display the health status of configured Unified Access Gateways (UAGs), it could be due to improper firewall configuration blocking traffic on port 443, which is essential for secure communication. Additionally, a discrepancy between the system name in UAG and the name entered in the Horizon Console can also prevent the console from correctly retrieving and displaying the UAG\\'s health status.