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### 1Y0-201 Managing Citrix XenDesktop 7.6 Solutions Practice Exam Demo

1. An administrator should select a \_\_\_\_\_ to publish an application from a Master Image using Citrix Studio. (Choose the correct option to complete the sentence.)
  - a. Resource
  - b. Controller
  - c. Delivery Group
  - d. Machine Catalog

Answer: c.

Explanation: To publish an application installed locally on Master Image, use **Citrix Studio > Delivery Groups > Applications** tab and click **Create Application**. Select a **Delivery Group** and click **Next**. Select an application and click **Next**.

Source: [eDocs > XenApp and XenDesktop > XenApp 7.6 and XenDesktop 7.6 > New deployments > XenApp published apps and desktops](#)

2. **Scenario:** A remote user connects to a store in the XYZ, LLC company network and accesses a desktop. Receiver cannot contact the internal beacon point but receives responses from the external beacon points, indicating that the user has an Internet connection but is not connected to the internal network.

Which approach does the network take to handle the user's connection?

- a. A "Cannot connect" alert is sent to the user's device.
- b. Receiver keeps attempting to contact the Internal beacon.
- c. The user is forced to login to the NetScaler Gateway appliance.
- d. The connection is routed through the NetScaler Gateway appliance.

Answer: d.

Explanation: Citrix Receiver attempts to contact beacon points and uses the responses to determine whether users are connected to local or public networks. When a user accesses a desktop or application, the location information is passed to the server providing the resource so that appropriate connection details can be returned to Receiver. This ensures that users are not prompted to log on again when they access a desktop or application. For example, if the internal beacon point is accessible, this indicates that the user is connected to the local network. However, if Receiver cannot contact the internal beacon point and receives responses from the external beacon points, this means that the user has an Internet connection but is outside the corporate network. Therefore, the user must connect to desktops and applications through NetScaler Gateway. When the user accesses a desktop or application, the server providing the resource is notified to provide details of the NetScaler Gateway appliance through which the connection must be routed. This means that the user does not need to log on to the appliance when accessing the desktop or application.

Source: eDocs > Technologies > StoreFront > StoreFront 2.5.x > Manage > To configure beacon points

<http://support.citrix.com/proddocs/topic/dws-storefront-25/dws-configure-beacon.html>

3. **Scenario:** In a XenDesktop 5.5 site, an administrator must enable users to view real-time data using Director 7.6. There are several Director users who are members of an Active Directory security group called HelpDeskUsers. The group has been assigned the Help Desk administrator role in Studio.

From which component of the XenDesktop site does the group acquire its permissions?

- a. Controller
- b. Deliver agent
- c. Delivery group
- d. Machine catalog

Answer: a.

Explanation: To enable users to view the Director 7.6 real-time data, they must be granted permissions. When a group has been assigned the

administrator role in Studio, they are provided with the required Delivery Controller permissions.

Source: eDocs > XenApp and XenDesktop > XenApp 7.6 and XenDesktop 7.6 > Monitoring > Director > Configure permissions for VDAs earlier than XenDesktop 7

<http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-monitor-config-permissions-legacy-vda.html>

4. An administrator must update a XenServer host in a resource pool using XenCenter.

What two steps should the administrator take to update the hosts?  
(Choose two.)

- a. Enable HA in the pool.
- b. Shutdown virtual machines on the host.
- c. Download the .xsupdate file to the host.
- d. Log into a user account as Pool Administrator.

Answer: b.d.

Explanation: To update a XenServer host with XenCenter, log in to the computer with XenCenter using a user account with full access permissions, such as Pool Administrator. Empty the CD/DVD drives of any VMs to be suspended. Disable HA, if applicable. Download the update file to a known location (.xsupdate file extension) on the computer running XenCenter (not the XenServer host). If there are any VMs in the pool that need to be shut down or suspend, rather than allow XenCenter to automatically migrate, do so now. On the Tools menu, select 'Install New Update'. The Install Update wizard opens and walks the administrator through the rest of the update.

Source: Citrix XenServer 6.0 Installation Guide

[http://docs.vmd.citrix.com/XenServer/6.0.0/1.0/en\\_gb/installation.html#applying\\_hotfixes](http://docs.vmd.citrix.com/XenServer/6.0.0/1.0/en_gb/installation.html#applying_hotfixes)

5. In which two ways can an administrator identify the load on a hosted server? (Choose two.)

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- a. Select Sessions on the Trends view.
- b. With the PowerShell SDK Get-BrokerMachine.
- c. Filter Desktop OS machines on the Dashboard.
- d. Use Choose Column in the Studio Search feature.
- e. In the Sessions Connected pane from the Dashboard.

Answer: b.d.

Explanation: An administrator can monitor the Server Load Index through the Studio Search feature. By default the Server Load Index column is hidden. Include this attribute in the display: Select a machine. Right-click a column heading and then choose Select Column. In the selected machine tab, scroll right to display the Machine attribute column for Server Load Index. In the Machine folder, select Server Load Index. Alternatively, view load index information by using the PowerShell SDK Get-BrokerMachine.

Source: eDocs > XenApp and XenDesktop > XenDesktop 7 > Manage > Application and desktop delivery > Manage Server OS machine server load <http://support.citrix.com/proddocs/topic/xendesktop-7/cds-hosted-shared-desktop-load-mgt-concepts.html>

6. **Scenario:** In a hosted server pool environment, users in the Reporting department inform IT Support that the following message is displayed when trying to launch an application from their desktops.

"An error occurred while making the requested connection."

The users are trying to launch the application from XenApp 6.5 using Receiver through Web Interface.

Which two actions should the administrator take to resolve the issue? (Choose two.)

- a. Adjust the Load Balancing policies to include the Reporting group.
- b. Add the servers to the proper Worker Groups as specified in the Load Balancing policies.
- c. Create a schedule to restart VMs during off-peak hours to clear the WillShutdownAfterUse flag.

- d. In hypervisor console, right-click on a desktop and Restart it to ensure power management is in place.

Answer: a.b.

Explanation: If users are receiving the message, "An error occurred while making the requested connection", add the servers to the proper Worker Groups as specified in the Load Balancing policies and disable or adjust the Load Balancing policies to include these users/groups. Use the LBDIAG tool for troubleshooting Load Balancing policies further.

Source: Application Launch Fails with "Cannot Start App" or "An Error Occurred While Making the Requested Connection"

<http://support.citrix.com/article/CTX139238>

7. **Scenario:** In a XenDesktop environment, an administrator is required to configure Desktop OS machines in a pooled desktop group named CC001 to power off after each user session completes and not allow another machine to automatically start after the machine powers off. The administrator performed the following configurations in Studio:

Configured the power settings to be zero at all times.

Configured the peak times for the desktop group.

Which three SDK configuration changes should the administrator execute to fulfill the requirements? (Choose three.)

- a. Set-BrokerDesktopGroup CC001 -PeakBufferSizePercent 0
- b. Set-BrokerDesktopGroup CC001 -OffPeakBufferSizePercent 0
- c. Set-BrokerDesktopGroup CC001 -OffPeakDisconnectTimeout 0
- d. Set-BrokerDesktopGroup CC001 -ShutdownDesktopsAfterUse \$true
- e. Set-BrokerDesktopGroup CC001 -OffPeakDisconnectAction Shutdown
- f. Set-BrokerDesktopGroup CC001 -AutomaticPowerOnForAssigned \$false

Answer: a.b.d.

Explanation: To configure Desktop OS machines in a pooled desktop group to power off after each user session completes, configure the power

settings to be zero at all times in the GUI and configure the peak times for the desktop group. Next, use the SDK to force VM's to power down after they've been used using the command, 'Set-BrokerDesktopGroup DestopGroupName -ShutdownDesktopsAfterUse \$true'. Lastly, change the "PeakBufferSizePercent" and the "OffPeakBufferSizePercent" to determine the minimum number of virtual machines which are powered off using the commands, 'Set-BrokerDesktopGroup DestopGroupName -PeakBufferSizePercent 0' and 'Set-BrokerDesktopGroup DestopGroupName -OffPeakBufferSizePercent 0'. Note that if this is a production system the time for a VM to become available for a user is increased and it creates the potential for a boot storm when everyone tries to log on.

Source: Turn off xendesktop vms when not in use

<http://discussions.citrix.com/topic/353486-turn-off-xendesktop-vms-when-not-in-use/>

8. **Scenario:** An administrator manages a XenDesktop site and recently installed a XenApp site. The administrator is able to monitor the XenDesktop site in Director. The administrator wishes to monitor the XenDesktop site and the XenApp site together in Director.

Which three tasks should the administrator perform to add the XenApp sites to Director? (Choose three.)

- a. Uninstall and reinstall Director.
- b. Restart the Citrix Director Service.
- c. Enable multiple Site support in IIS.
- d. Reset Internet Information Services.
- e. Point Director to XenApp site Controllers.

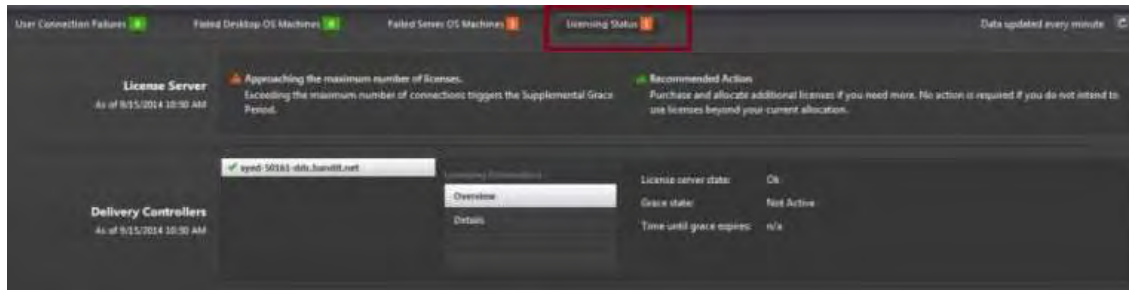
Answer: c.d.e.

Explanation: To add XenApp and XenDesktop to single Desktop Director Site, open IIS Manager > Default Website > Desktop Director > Application settings > Add: Add Service.AutoDiscoveryAddressesXA = FarmAController,FarmBController (point to your XenApp Site Controllers). Enable MultiSite support: Service.MultiSite = true. Reset IIS from a command line.

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Source: How to Add Multiple Sites to Desktop Director  
<http://support.citrix.com/article/CTX136165>

9. **Scenario:** While viewing Director, an administrator noticed in the Delivery Controllers status panel that the grace period for XenDesktop and XenApp licenses is expired. Also, in the Licensing Server panel an alert is stating that the maximum number of connections is exceeded. See the image below.



When viewing Director the previous day, there was no alert on the Licensing Server panel.

What does the alert reveal to the administrator about the state of the licenses?

- No new connections can be made.
- There are 15 days to fix the licensing issue.
- Users will be disconnected from all sessions.
- Users will not be able to reconnect to sessions.
- There are 48 hours in which to fix the licensing issue.

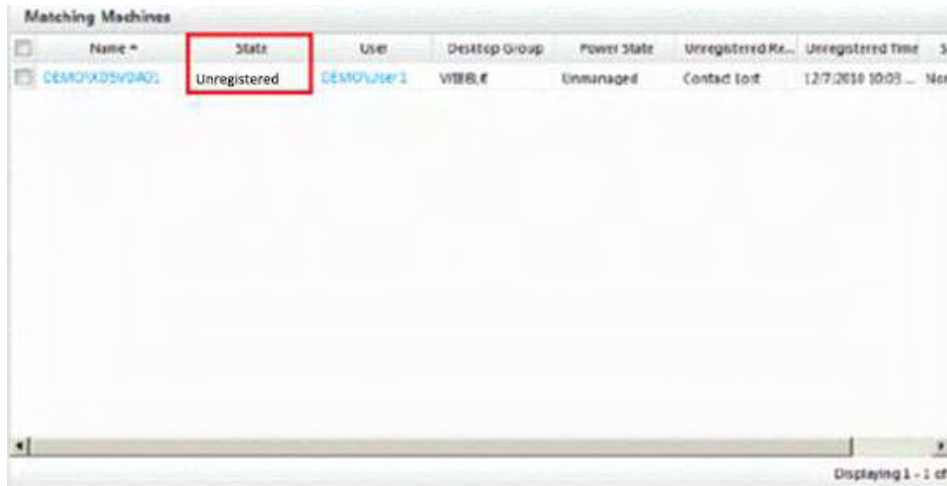
Answer: b.

Explanation: In previous versions of XenApp and XenDesktop (pre-version 7.6), if the right licenses are not installed users will get session rejections via the license policy engine. To address this limitation, Citrix introduced a new concept called Supplemental Grace Period (SGP). During the SGP, the license policy engine will grant unlimited connections, providing a window of time to address the issue. SGP will be granted for overconsumption of licenses, adding 15 days to allow for fixing the issue. After the expiration of SGP, regular license limits are enforced.

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Source: Citrix Director 7.6 Deep Dive Part 1: License Monitoring  
<http://blogs.citrix.com/2014/10/10/citrix-director-7-6-deep-dive-part-1-license-monitoring>

10. **Scenario:** A virtual desktop was added to a desktop group in a XenDesktop site. An administrator viewing Director noticed the State of the VDA. See the image below.



The screenshot shows a table titled 'Matching Machines' with the following columns: Name, State, User, Desktop Group, Power State, Unregistered Reason, and Unregistered Time. A single row is visible with the following data: Name: DEMO\XDSVDA01, State: Unregistered, User: DEMO\user1, Desktop Group: VM86, Power State: Unmanaged, Unregistered Reason: Contact lost, Unregistered Time: 12/7/2010 10:03. The 'State' column is highlighted with a red box.

Name	State	User	Desktop Group	Power State	Unregistered Reason	Unregistered Time
DEMO\XDSVDA01	Unregistered	DEMO\user1	VM86	Unmanaged	Contact lost	12/7/2010 10:03

The administrator checked the event log for Event ID 1010 on the virtual desktop and did not find the site's Controllers listed.

Which action should the administrator take to fix the issue?

- Fix the DNS configuration.
- Rejoin the machine in the domain.
- Configure site membership on the VDA.
- Disable firewall software on the desktop.

Answer: b.

Explanation: If the virtual desktop in question has been added to a desktop group in your XenDesktop site, there will also be evidence of the VDA's failure to register with any controllers in the site. The State column provides information about the registration state of the desktop machine. A value of UnRegistered indicates that registration has not successfully completed. Check that the machine in question is a member of the correct



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site, check that the list of controllers listed in the event log entry with Event ID = 1010 on the virtual desktop is correct for the XenDesktop site. If it is not correct, the virtual desktop has not been correctly configured to be part of the site. Note: There are two ways of configuring site membership on a virtual desktop: registry-based (default), and active-directory-based.

Source: Troubleshooting Virtual Desktop Agent Registration with Controllers in XenDesktop

<http://support.citrix.com/article/CTX126992>