# **Deploying Citrix XenDesktop 7.6 Solutions**

# **Citrix 1Y0-301**

**Version Demo** 

**Total Demo Questions: 10** 

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# **Topic Break Down**

Торіс	No. of Questions
Topic 1, Pre-installation Considerations	18
Topic 2, Installing required technologies	21
Topic 3, Configuring technical components	59
Topic 4, Testing configurations	6
Topic 5, SIMULATION QUESTIONS	8
Total	112



## **QUESTION NO: 1**

Scenario: A Citrix Engineer needs to create a device collection of new vGPU-enabled virtual desktops in Provisioning Services. The collection needs to be made available as part of an existing machine catalog in Citrix Studio.

Which wizard should the engineer run to accomplish this task?

- A. Import Device Wizard
- B. XenDesktop Setup Wizard
- C. Create Machine Catalog Wizard
- D. Provisioning Services Configuration Wizard

#### **ANSWER: B**

## **QUESTION NO: 2**

Scenario: A corporate security policy prohibits the creation of domain accounts unless absolutely necessary. During the deployment of XenDesktop, a Citrix Engineer created a new SQL site database.

Which account type should the engineer use to grant permission on the SQL site configuration database for production use?

- A. SQL account
- B. Domain service account
- C. Local account on Delivery Controllers
- D. Delivery Controller computer accounts

#### **ANSWER: D**

#### **QUESTION NO: 3**

Which Group Policy setting should a Citrix Engineer set during the installation of Provisioning Services (PVS) to help prevent trust relationship failures between PVS targets and the Active Directory domain?

- A. Enable Windows NTP Client
- B. Disable NTLMv2 authentication
- C. Disable machine account password changes
- D. Allow cryptography algorithms compatible with Windows NT 4.0

## ANSWER: C

## **QUESTION NO: 4 - (SIMULATION)**

Scenario: A Citrix Engineer must provide students in the Cardiology program at CCH with Windows 8 virtual desktops. These students will use hosted applications through Receiver. Personalization of the Windows 8 virtual desktops is NOT required.

Tasks:

- 1. Create the appropriate machine catalog and name it XD\_POOLED 1.
- 2. Create 10 virtual desktops for students in the Cardiology program.
- 3. Ensure each virtual desktop is assigned 2 Virtual CPUs.
- 4. Set the memory size for the virtual desktops to 8 GB.
- 5. Use the Network 0 network interface card.
- 6. Create Active Directory computer accounts for the virtual desktops in the CCH Virtual Desktops organizational unit (OU).
- 7. Use the following account naming scheme for the virtual desktops: TrainingDesk001 TrainingDesk010.
- 8. Create the virtual desktops from the WDK\_8\_1 master image.

9. Create the appropriate Delivery Group named CCH\_Training\_Desktops, and configure it according to the requirements above. Students in the Cardiology program are members of the Training Desktops user group.

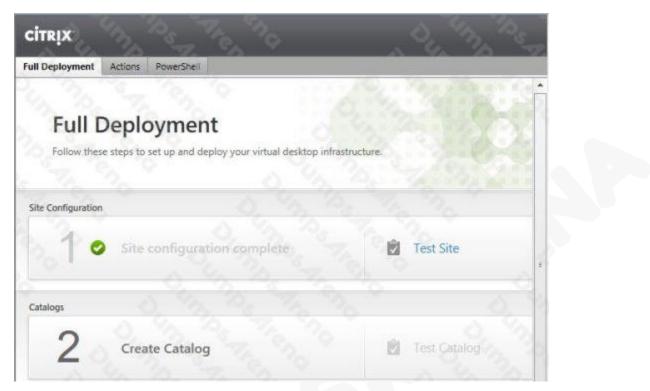
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Answer: Find the solution with all steps below.

## **Explanation:**

XenDesktop 7 Machine Catalog

1. In Desktop Studio we want to create a VM catalog,



# 2. Choose the OS type

Ope	rating System and Hardware
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Learn	n more
Selec	t an operating system and machine type for this Machine Catalog.
(	<ul> <li>Windows Desktop OS The Desktop OS Machine Catalog provides VDI desktops ideal for a variety of different users.</li> </ul>
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#### Remote PC Access

The Remote PC Access Machine Catalog provides users with remote access to their physical office desktops, allowing them to work at any time.

## 3. We will be using VMs and Citrix Machine Creation Services, so the defaults are fine.

#### Machine Management

As part of creating a Machine Catalog, the way you plan to provision machines influences the recommended Machine Catalog type.

#### Learn more

This infrastructure will be built using:

- Virtual machines
- Physical hardware

Desktop images are managed using:

- Machine Creation Services (MCS)
- Provisioning Services (PVS)
- Another service or technology I will manage my desktop images with something other than Citrix technology. I have existing Master Images already prepared.

#### 4. Use the default

#### **Desktop Experience**

Consider the tasks your users perform and then decide which desktop experience would be best.

#### Which desktop experience do you want users to have?

I want users to connect to a new (random) desktop each time they log on.

I want users to connect to the same (static) desktop each time they log on.

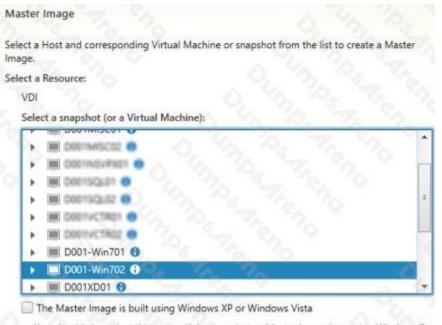
Do you want to save any changes that the user makes to the desktop?

Yes, save changes on a separate Personal vDisk.

Yes, create a dedicated virtual machine and save changes on the local disk.

No, discard all changes and clear virtual desktops when the user logs off. If configured, folder redirection will not be affected.

## 5. Choose the master image WDK\_8\_1 master image



You should also select this option if the snapshot or Master Image is running Windows 7 with VDA  $5.6\,$ 

6. A great feature of XenDesktop is the ability to customize the catalog hardware at provisioning time, so you can offer different tiers of VMs from the exact same master image. No need to build up templates with the same OS and software stack, just to customize the vCPUs and memory specs.

Virtual Machine Number of yrtual ma	ake this 10	20	
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Memory (MB):	2048	2048 - +	Make this \$192 MB to allot 8 GB Memory
Hard disk (GB):	26	26	

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	Domain: contose	o.net Computers Member Servers OU Managed Service Accounts OU=VDI(OU=Computers,OU=San Diego,OU=Site	es,DC=contoso,DC=net

8. On the summary screen you need to give the catalog a name and a description.

Summary	
Machine type:	Windows Desktop 05
Machine management:	Virtual
Provisioning method:	Machine creation services (MCS)
Desktop experience:	Users connect to a new desktop each time they log on
Resources:	VDI
Master Image name:	D001-Wi A sympt
Number of VMs to create:	Change this per the
Virtual CPUs:	Simulation to XD_POOLED1
Machine Catalog name:	5 10 10
Windows 7 x64 - 1 vCPU 248	Do the the
Machine Catalog description for	or administrators: (Optional)
General purpose Windows 7 xt	i4 VMs

9. After you kick off the provisioning process you get a nice status. MCS first makes a copy of your master VM, then does its magic to create copies



10. When the provisioning is completed you now have one machine catalog entry

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11. If you double click on the machine catalog it will bring up a search window with the individual VMs listed. You can now power them on and wait for them to show a "registered" status. If you click on an individual VM it will pull up even more details. If a user had an active session to the VM then you get a plethora more data.

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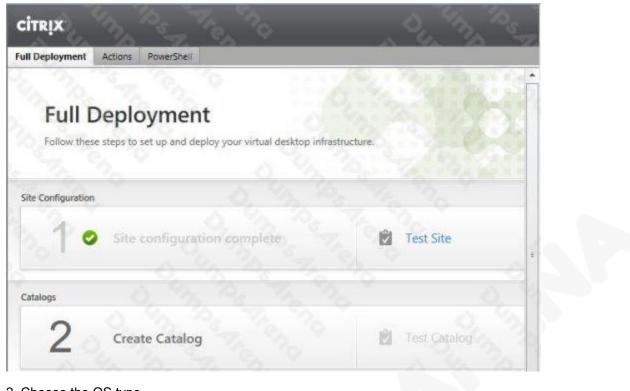
As you can see, creating a machine catalog from a master template is quick and easy. Within Desktop Studio you can view a tremendous amount of detail about the catalog and individual VMs.

# **ANSWER: See Explanation Below For Answer**

## **Explanation:**

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1. In Desktop Studio we want to create a VM catalog,



## 2. Choose the OS type

**Operating System and Hardware** 

We want to help you create the correct type of Machine Catalog by asking a few questions to provide a recommendation

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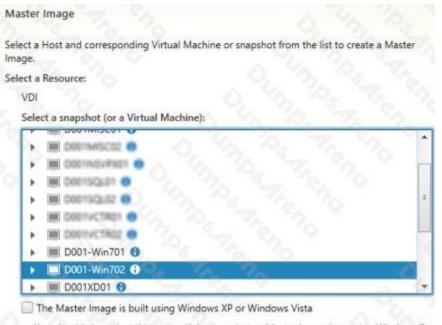
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# **QUESTION NO: 5**

What is required by NetScaler Gateway when enabling remote access in a XenDesktop deployment?

- A. An LDAP bind account
- B. A connection URL to the hypervisor
- C. A root certificate from the internal CA
- D. The IP address of the RDS License Server

## ANSWER: A

## **QUESTION NO: 6**

Scenario: NFS is implemented as the storage repository type in a XenServer proof-of-concept. One requirement for the production environment shared storage solution is that it should provide high availability.

Which two storage technologies should a Citrix Engineer consider for production use? (Choose two.)

A. CIFS

B. iSCSI

C. Local SSD

D. Fibre Channel

ANSWER: A C

## **QUESTION NO: 7**

Which two steps are required in order to set up the Universal Print Server in a XenDesktop environment? (Choose two.)

- **A.** Enable the Universal Print Server through a policy.
- **B.** Install the Universal Print Server on the Delivery Controllers.
- C. Install the Universal Print Server on a Windows Print Server.
- D. Enable 'Auto-creation of generic universal printer' through a policy.
- E. Enable 'Automatic installation of in-box printer drivers' through a policy.

## ANSWER: A C

## **QUESTION NO: 8**

Which file should a Citrix Engineer update when adding an additional Provisioning Services server to a network boot-enabled environment?

- A. TFTP64.ini
- B. PVSBP32.ini
- C. ARDBP32.bin
- D. VLDRMI13.bin

ANSWER: C		

## **QUESTION NO: 9**

Which two Windows components can be selected using the Provisioning Services Device Optimization Tool? (Choose two.)

- A. Search
- B. Firewall
- C. SuperFetch
- D. Screen Saver

E. TCP/IP Offload

# ANSWER: A C

# **QUESTION NO: 10**

A Citrix Engineer is in the process of setting up a remote access solution using self-signed certificates.

To help ensure a secure remote connection, the engineer must install a Root certificate on the \_\_\_\_\_\_ and \_\_\_\_\_. (Choose the two correct options to complete the sentence.)

- A. endpoint device
- B. StoreFront server
- C. Domain Controllers
- **D.** Delivery Controllers

## ANSWER: A B