Deploying Citrix XenDesktop 7.6 Solutions

Citrix 1Y0-301

Version Demo

Total Demo Questions: 10

Total Premium Questions: 112 Buy Premium PDF

> https://dumpsarena.com sales@dumpsarena.com

dumpsarena.com



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.

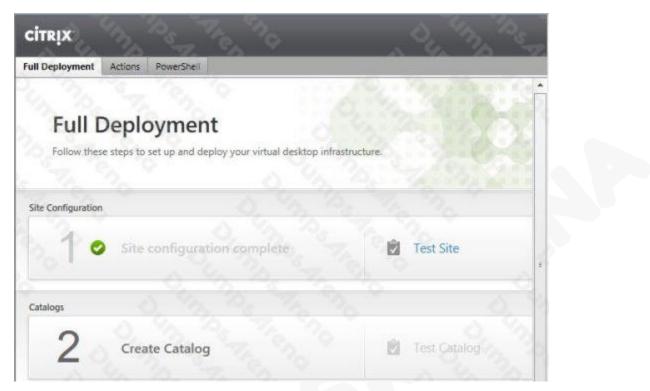
Cara Marine		and the second		Quetter
				Scenario: A Ctrix Engineer must provide students in the Cardiology program at CCH with Windows 8
Chris Hade (224) Christe (224) History Colonge Datavir Grigen Adas	cings	- Clara -	An Andre (114)	virtual desitops. These students will use hosted applications through Receiver. Personalization of the Windows 8 virtual desitops is NOT required.
A start Control Con	Common Tasks Internet both exercement a self-text DE Company Text Text DE Company Text DE Company DE COM DE C			Tests: 1. Create the appropriate machine catalog and neme it XD_POOLED1. 2. Create 10 virtual desktops for students in the Catricology program. 3. Ensure dear virtual desktops to students in the Catricology program. 3. Ensure dear virtual desktops to students in the Catricology program. 3. Ensure dearborn to the Virtual desktops to a saligned 2 Virtual CPUs. 3. Each memory size for the virtual desktops to 8 00. 3. Use the National Virtual CPUs. 3. Use the National Control Virtual CPUs. 3. Use the National Control Virtual CPUs. 3. Use the National Virtual CPUs. 4. Create Active Directory Computer Active Directory Computer Virtual CPUs. 5. Create the appropriate Delivery Group named CPU_Training_Desktops. and configure 1 Northight the applications that Virtual Cesktops user group 10. Charts the Information States and States and States and Configure 1 Northight the Actional Cesktops user group
	ten la	0		Derer Carcenyain Renat Prep This window can be resized.
	20	24		
Eu	1 H -			Dia ana

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
	vant to help you create the correct type of Machine Catalog by asking a few questions to ide a recommendation
Learn	n more
Selec	t an operating system and machine type for this Machine Catalog.
(Windows Desktop OS The Desktop OS Machine Catalog provides VDI desktops ideal for a variety of different users.
1	Windows Server OS The Server OS Machine Catalon provides hosted shared desktops for a large-scale

The Server OS Machine Catalog provides hosted shared desktops for a large-scale deployment of standardized machines.

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.

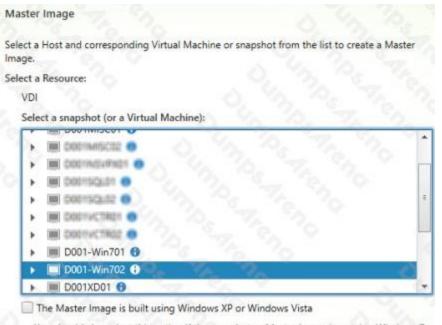
Do you want to save any changes that the user makes to the desktop?

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	
2 - + Configure your machines: Name:	D001-Win702		Make this 2
Virtual CPUs:	1	1 -+	The start of the second
Memory (MB):	2048	2048 - +	Make this \$192 MB to allot 8 GB Memory
Hard disk (GB):	26	26	

7. OU –

Machine Names	- \		
TrainingDe	sk001 - Train	ningDesk010	
and a st		omputer Accounts achine Catalog needs a corresponding Active Direc	tory computer account.
a to	Select an Active Dire	ectory account option:	
S- 195	Create new Ac	ctive Directory accounts	
_ 6	Use existing A	Active Directory accounts	
	Active Directory loca	ation for computer accounts:	
Con the	Active Directory loca Domain: contose		•
nono		o.net	-
hand		o.net	
nono in		o.net Computers Member Servers	
in and in a second		o.net Computers Member Servers	▼ Image: Second sec
1010	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
	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

CITRIX		41, 10, 71	. 1 0		0, 41, 1	
Machine Catalog	4	Machine type	No. of machin	es 🧹 🔍	Allocated machines	10
Windows 7 x64 - vCPU Allocation Type: Randor		Windows Desktop OS (Virtual) User data: Discard	Provisioning	2 method: Machine o	creation services	0
Details - Windows 7 x6 Details Machines #	4 - vCPU 2GB Administrators	a Canada		2, 25	and the second	0
Machine Catalog		20	Machine	3.25	The No.	-
Name: Machine Type: Provisioning Method: Allocation Type: Resources: Scopes:	Windows [7 x64 - vCPU 2GB Desktop OS (Virtual) reation services	Disk Image: Virtual CPUs: Memory: Hard disk: VDA version: Operating System:	Citrix_XD_Wind 1 2048 MB 26 GB 7.0.0.3018 Windows 7 Serv	ows 7 x64 - vCPU 2GB vice Pack 1	

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.

CITRIX			<unsa< th=""><th>ved></th><th></th><th>××</th><th>Soved searc</th><th>hes 🔹</th></unsa<>	ved>		××	Soved searc	hes 🔹
Search results for '(Ma	chine Catalog Is "Windows	7 x64 - vCPU 2GB*	ÿ				14	10. 7
Desktop OS Machine	(2) Server OS Machine	s (0) Sessions (0)						
Name	# Machine Catalo	g Delivery Gro	User	Maintena	anc	Persist User	Power State	Registration.
VDI-NS-W7-01.conto	so.net Windows 7 x6.		200	Off		Discard	On	Registered
VDI-NS-W7-02.conto	so.net Windows 7 x6.		125	Off	0	Discard	On	Registered
			1		_			- 60
Details - VDI-NS-W7	-01.contoso.net							
Details Administrat	ors							
Permit Permit Permit								
Machine			Sessi	on				
Machine:	VDI-NS-W7-01.contoso	.net	Curre	nt User:	-			
Power State:	On		Proto	col:	-			
Registration:	Registered			on type:	Desk	ktop		
Delivery Group:	-	200		in State:				
Machine Catalog:	Windows 7 x64 - vCPU	ZGB		Name:	-			
Connection: IP Address:	vSphere51			Address: hed Via IP:	1			
Agent Version:	7.0.0.3018		1. AND 1.	ected Via IP:	1			
	1.0.0.3010		Conn	ected via:	2			
Drofile Definition								
Profile Definition: StoreFronts:								

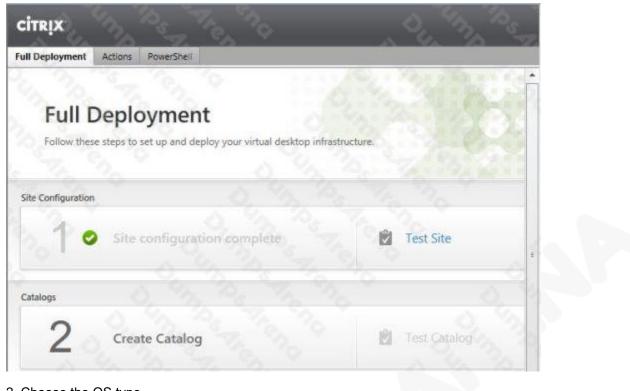
As you can see, creating a machine catalog from a master template is quick and easy. Within Desktop Studio you can view a tremendous amount of detail about the catalog and individual VMs.

ANSWER: See Explanation Below For Answer

Explanation:

XenDesktop 7 Machine Catalog

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

Learn more

Select an operating system and machine type for this Machine Catalog.

Windows Desktop OS

The Desktop OS Machine Catalog provides VDI desktops ideal for a variety of different users.

Windows Server OS

The Server OS Machine Catalog provides hosted shared desktops for a large-scale deployment of standardized machines.

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.

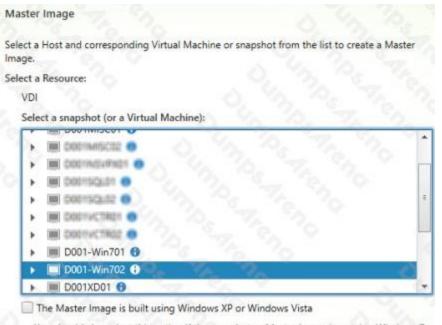
Do you want to save any changes that the user makes to the desktop?

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	
2 - + Configure your machines: Name:	D001-Win702		Make this 2
Virtual CPUs:	1	1 -+	The start of the second
Memory (MB):	2048	2048 - +	Make this \$192 MB to allot 8 GB Memory
Hard disk (GB):	26	26	

7. OU –

Machine Nan	nes -	
Training	Desk001 - TrainingDesk010	
20	Active Directory Computer Accounts Each machine in a Machine Catalog needs a corresponding Active Directory	computer account.
10	Learn more	
0. 1	Select an Active Directory account option:	
20	Create new Active Directory accounts	
	O Use existing Active Directory accounts	
2.8	Use existing Active Directory accounts Active Directory location for computer accounts:	
Sen St		•
	Active Directory location for computer accounts: Domain: contoso.net Computers Computers	•
Trend De	Active Directory location for computer accounts: Domain: contoso.net	
nene ne	Active Directory location for computer accounts: Domain: contoso.net Computers Computers Computers Computers	•
the net	Active Directory location for computer accounts: Domain: contoso.net Computers Compu	C=contoso,DC=net
	Active Directory location for computer accounts: Domain: contoso.net Computers Comput	C=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

CITRIX	0	41, 10, 71	. °°.		0, 40, 11	35
Machine Catalog	- C +	Machine type	No. of machin	es 🧹	Allocated machines	10
		Windows Desktop OS (Virtual) User data: Discard	Provisioning	2 method: Machine c	creation services	0
Details - Windows 7 x6	4 - vCPU 2GB Administrators	2. 20. 20		2,33	and the second	20
Machine Catalog		20	Machine	8. 25	16.20	-
Name: Machine Type: Provisioning Method: Allocation Type: Resources: Scopes:	Windows [/ x64 - vCPU 2GB Desktop OS (Virtual) reation services	Disk Image: Virtual CPUs: Memory: Hard disk: VDA version: Operating System:	Citrix_XD_Wind 1 2048 MB 26 GB 7.0.0.3018 Windows 7 Serv	ows 7 x64 - vCPU 2GB vice Pack 1	

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.

CITRIX				<unsav< th=""><th>ed></th><th>_</th><th>××</th><th>Saved search</th><th>s /o *</th></unsav<>	ed>	_	××	Saved search	s /o *	
Search results for '(Machine Catalog Is "Windows 7 x64 - vCPU 2GB")'										
Desktop OS Machines ((2) Server OS M	Aachines (0	Sessions (0)							
Name	₽ Machine	Catalog	Delivery Gro	User	Maintena	inc	Persist User	Power State	Registration.	
VDI-NS-W7-01.contos	o.net Window	лs 7 хб	÷.	2 E)	Off		Discard	On	Registered	
VDI-NS-W7-02.contos	o.net Window	/s 7 хб	- 0	2	Off	2	Discard	On	Registered	
	11 C	100				_	1.			
Details - VDI-NS-W7-0)1.contoso.net									
Details Administrato	rs									
Contraction of the local division of the loc		10					1			
				10 million (1997)						
Machine				Sessie	on					
1000										
Machine:	VDI-NS-W7-01.c	ontoso.ne	E	Currer	nt User:	3				
Machine: N Power State: (On	ontoso.ne		Currer Protoc	nt User: :ol:		1000			
Machine: N Power State: G Registration: I		ontoso.ne		Currer Protoc Sessio	nt User: :ol: n type:	- Des	ktop			
Machine: N Power State: G Registration: I Delivery Group:	On		2	Currer Protoc Sessio Time i	nt User: :ol:	Des	ktop			
Machine: Power State: Registration: Delivery Group: Machine Catalog:	On Registered		2	Currer Protox Sessio Time i Client	nt User: :ol: n type: n State:	Des	ktop			
Machine: Power State: Registration: Delivery Group: Machine Catalog: Connection:	Dn Registered Windows 7 x64		2	Currer Protoc Sessio Time i Client Client	nt Usen col: n type: n State: Name:	Des	ktop			
Machine: Power State: Registration: Delivery Group: Machine Catalog: Connection: IP Address:	Dn Registered Windows 7 x64		2	Currer Protoc Sessio Time i Client Launc	nt User: col: n type: n State: Name: Address:	Des	ktop			
Power State: (Registration: I Delivery Group: Machine Catalog: (Connection: (IP Address:	On Registered Windows 7 x64 vSphere51		2	Currer Protoc Sessio Time i Client Launc	nt User: col: n type: n State: Name: Address: hed Via IP:	- Des - -	ktop			

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.

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