

1Y0-301^{Q&As}

Deploying Citrix XenDesktop 7.6 Solutions

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QUESTION 1

Which three steps should a Citrix Engineer take to keep connections active during brief periods of network interruptions? (Choose three.)

- A. Enable Session Reliability.
- B. Configure multiple StoreFront servers.
- C. Configure NetScaler as a high availability (HA) pair.
- D. Configure multiple Secure Ticket Authority (STA) URLs.
- E. Select the '\\Request Tickets from two STAs, where possible\\' checkbox.

Correct Answer: ADE Section: (none)

QUESTION 2

Which two steps should a Citrix Engineer take to ensure that StoreFront traffic is encrypted? (Choose two.)

- A. Enable SecureICA for the virtual desktops.
- B. Modify the website bindings to use HTTPS.
- C. Configure NetScaler Gateway for ICA proxy.
- D. Import a certificate in the IIS Management console.

Correct Answer: BD Section: (none)

QUESTION 3

CORRECT TEXT

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.

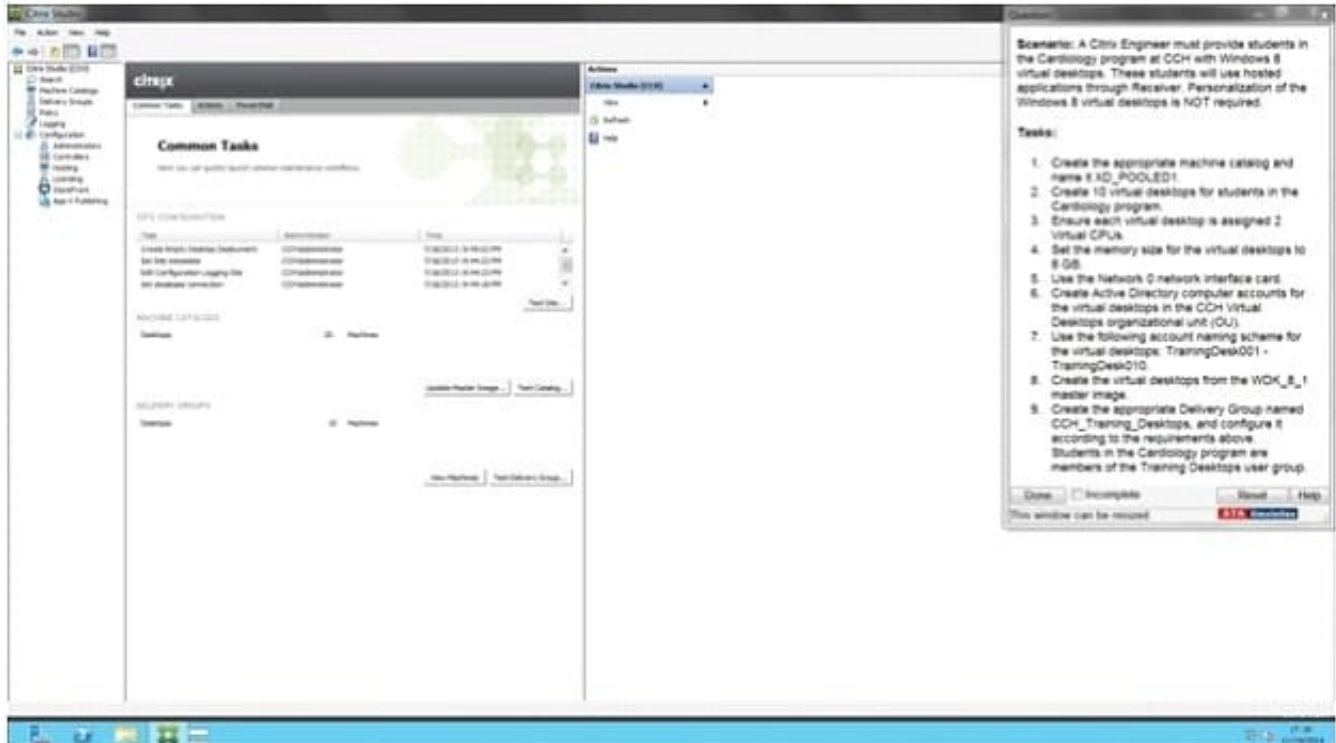
Use the following account naming scheme for the virtual desktops: TrainingDesk001 ? TrainingDesk010.

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.

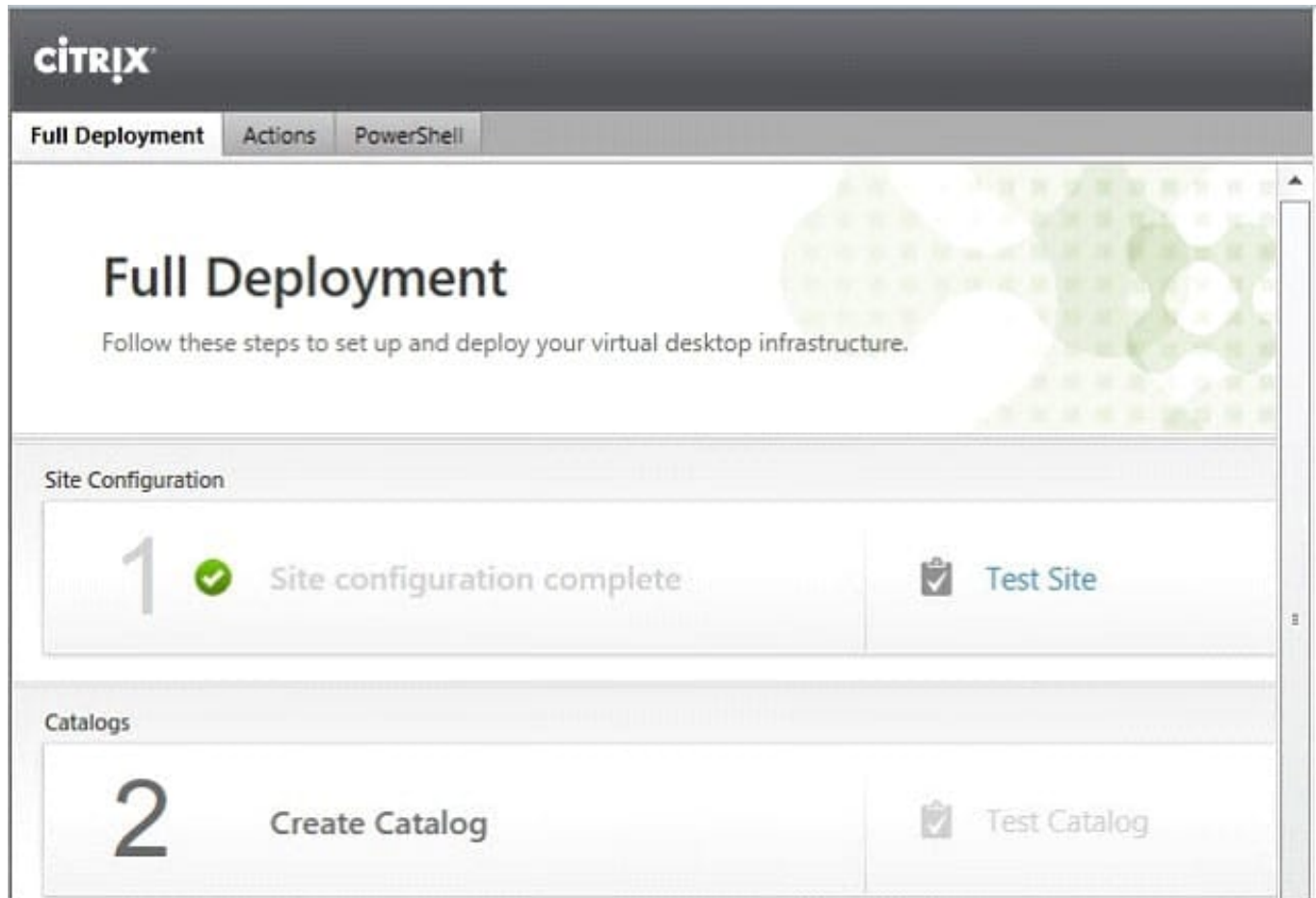


A.

Correct Answer: A Section: (none)

Answer: Find the solution with all steps below. 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. 4. Use the default

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.

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

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.

7.

OU ?

C:\Users\Chaudhry\Desktop\1.jpg

8.

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

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

Master Image

Select a Host and corresponding Virtual Machine or snapshot from the list to create a Master Image.

Select a Resource:

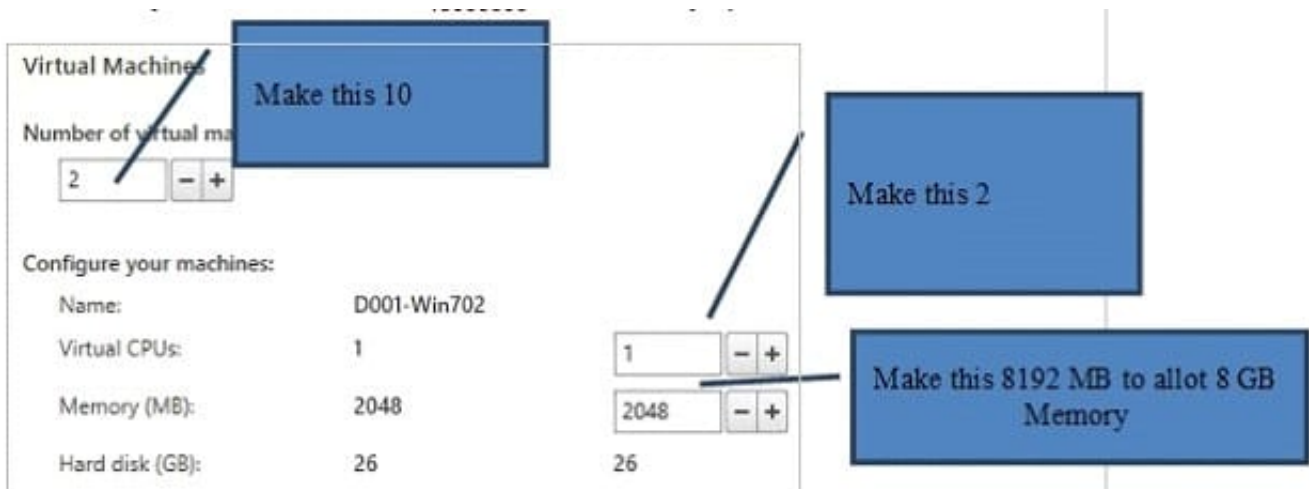
VDI

Select a snapshot (or a Virtual Machine):



☐ The Master Image is built using Windows XP or Windows Vista

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



CCH Virtual Desktops

Machine Names –

TrainingDesk001 - TrainingDesk010

Active Directory Computer Accounts

Each machine in a Machine Catalog needs a corresponding Active Directory computer account.

[Learn more](#)

Select an Active Directory account option:

- ☒ Create new Active Directory accounts
- ☐ Use existing Active Directory accounts

Active Directory location for computer accounts:

Domain:

- Computers
 - Member Servers
 - VDI**
 - Managed Service Accounts

Selected location:

Account naming scheme:

VDI-NS-W7-01

Summary

Machine type:	Windows Desktop OS
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-W7- A snapshot
Number of VMs to create:	2
Virtual CPUs:	1

Machine Catalog name:

Windows 7 x64 - 1 vCPU 2GB

Machine Catalog description for administrators: (Optional)

General purpose Windows 7 x64 VMs

Note: To complete the deployment, assign this machine catalog to a Delivery Group by selecting Delivery Groups and then Create or Edit a Delivery Group.

Change this per the
Simulation to XD_POOLED1



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

CITRIX

Machine Catalog	Machine type	No. of machines	Allocated machines
Windows 7 x64 - vCPU 2GB Allocation Type: Random	Windows Desktop OS (Virtual) User data: Discard	2	0

Provisioning method: Machine creation services

Details - Windows 7 x64 - vCPU 2GB

Details Machines Administrators

Machine Catalog		Machine	
Name:	Windows 7 x64 - vCPU 2GB	Disk Image:	Citrix_XD_Windows 7 x64 - vCPU 2GB
Machine Type:	Windows Desktop OS (Virtual)	Virtual CPUs:	1
Provisioning Method:	Machine creation services	Memory:	2048 MB
Allocation Type:	Random	Hard disk:	26 GB
Resources:	VDI	VDA version:	7.0.0.3018
Scopes:	All	Operating System:	Windows 7 Service 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.

The screenshot shows the Citrix Desktop Studio interface. At the top, there's a search bar with the text '<Unsaved>' and a dropdown menu for 'Saved searches'. Below this, a search results table is displayed for the query '(Machine Catalog is "Windows 7 x64 - vCPU 2GB")'. The table has columns for Name, Machine Catalog, Delivery Group, User, Maintenance, Persist User, Power State, and Registration. Two results are shown: VDI-NS-W7-01.contoso.net and VDI-NS-W7-02.contoso.net. Below the table, the 'Details' tab is selected for VDI-NS-W7-01.contoso.net. The details are organized into two sections: 'Machine' and 'Session'. The 'Machine' section lists properties like Machine Name, Power State, Registration, Delivery Group, Machine Catalog, Connection, IP Address, Agent Version, Profile Definition, and StoreFronts. The 'Session' section lists properties like Current User, Protocol, Session type, Time in State, Client Name, Client Address, Launched Via IP, and Connected Via.

Name	Machine Catalog	Delivery Group	User	Maintenance	Persist User	Power State	Registration
VDI-NS-W7-01.contoso.net	Windows 7 x64 - vCPU 2GB	-	-	Off	Discard	On	Registered
VDI-NS-W7-02.contoso.net	Windows 7 x64 - vCPU 2GB	-	-	Off	Discard	On	Registered

Machine		Session	
Machine:	VDI-NS-W7-01.contoso.net	Current User:	-
Power State:	On	Protocol:	-
Registration:	Registered	Session type:	Desktop
Delivery Group:	-	Time in State:	-
Machine Catalog:	Windows 7 x64 - vCPU 2GB	Client Name:	-
Connection:	vSphere51	Client Address:	-
IP Address:	-	Launched Via IP:	-
Agent Version:	7.0.0.3018	Connected Via:	-
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.

QUESTION 4

Which step should a Citrix Engineer take to ensure that profile changes are NOT saved to a Personal vDisk when using Citrix Profile Manager?

- A. Use WMI query to set User Profile Redirection to False.
- B. Use PowerShell to set User Profile Redirection to None.
- C. Use the registry editor to set EnableUserProfileRedirection to 0.
- D. Use Citrix Profile Manager group policy to set Enable User Profile Redirection to Disabled.

Correct Answer: C Section: (none)

QUESTION 5

Scenario: A XenDesktop deployment with 200 virtual desktops has a host connection to a single XenServer pool configured for thin provisioning. A Citrix Engineer has been instructed to implement IntelliCache.

Which steps must the engineer take to meet the requirements stated in the scenario?

- A. Modify the existing host connection and enable IntelliCache.

- B. Create a new resource using the existing host connection and enable IntelliCache.
- C. Delete the existing resource, create a new one with the same name and enable IntelliCache.
- D. Delete the existing host connection, create a new connection to the same pool and enable IntelliCache.

Correct Answer: B Section: (none)

QUESTION 6

A Citrix Engineer needs to create a custom role in Citrix Studio to give shadowing permission to a Help Desk supervisor user.

Which role permission needs to be assigned for this user?

- A. Perform machine update
- B. Manage Active Directory Accounts
- C. Perform Remote Assistance on a machine
- D. Perform session management on machines using machine catalog membership

Correct Answer: A Section: (none)

QUESTION 7

Scenario: Citrix Profile Management is deployed in a XenDesktop environment. A Citrix Engineer set up group policies and configured the .INI file on Desktop OS machines for Citrix Profile Management.

What will take precedence if there is a conflict?

- A. Local Policy
- B. Group Policy
- C. UPMPolicyDefaults_All.ini
- D. XenDesktop Policy set in Citrix Studio

Correct Answer: B Section: (none)

QUESTION 8

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.

Correct Answer: AC Section: (none)

QUESTION 9

Scenario: A Citrix Engineer needs to provide virtual desktop access to branch office users by deploying NetScaler to an existing Citrix StoreFront environment. Active Directory, along with RSA tokens, will be used for authentication on the NetScaler.

Which two authentication servers should the engineer configure on the NetScaler? (Choose two.)

- A. Local
- B. LDAP
- C. RADIUS
- D. TACACS

Correct Answer: AD Section: (none)

QUESTION 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

Correct Answer: AB Section: (none)

QUESTION 11

When deploying Provisioning Services without PXE services, which two DHCP scope options must a Citrix Engineer configure? (Choose two.)

- A. 67: Bootfile Name
- B. 44: Name Servers

C. 61: Client Identifier

D. 13: Host Name String

E. 66: Boot Server Host Name

Correct Answer: CD Section: (none)

QUESTION 12

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

Correct Answer: A Section: (none)

QUESTION 13

Which switch is required to install Citrix Receiver with pass-through authentication?

A. includeSSON

B. enable_SSON

C. enable_Kerberos

D. ALLOWSAFEPWD=S

Correct Answer: A Section: (none)

QUESTION 14

CORRECT TEXT Scenario: A Citrix Engineer at CCH needs to create a StoreFront store. The new store must support authentication and must be accessible through NetScaler Gateway. Users should be allowed to access resources from the store by logging in with their usernames and passwords or through pass-through authentication from NetScaler Gateway. All Active Directory users should be able to access the store from remote locations outside of the corporate network. The secure access plug-in will NOT be used in this environment. VPN tunnel should be disabled.

Tasks:

1.

Create a new store named External Store.

2.

Enter CCH for the display name of the new store.

3.

Add controller-1, controller-2, controller-3 and controller-4 to the new store.

4.

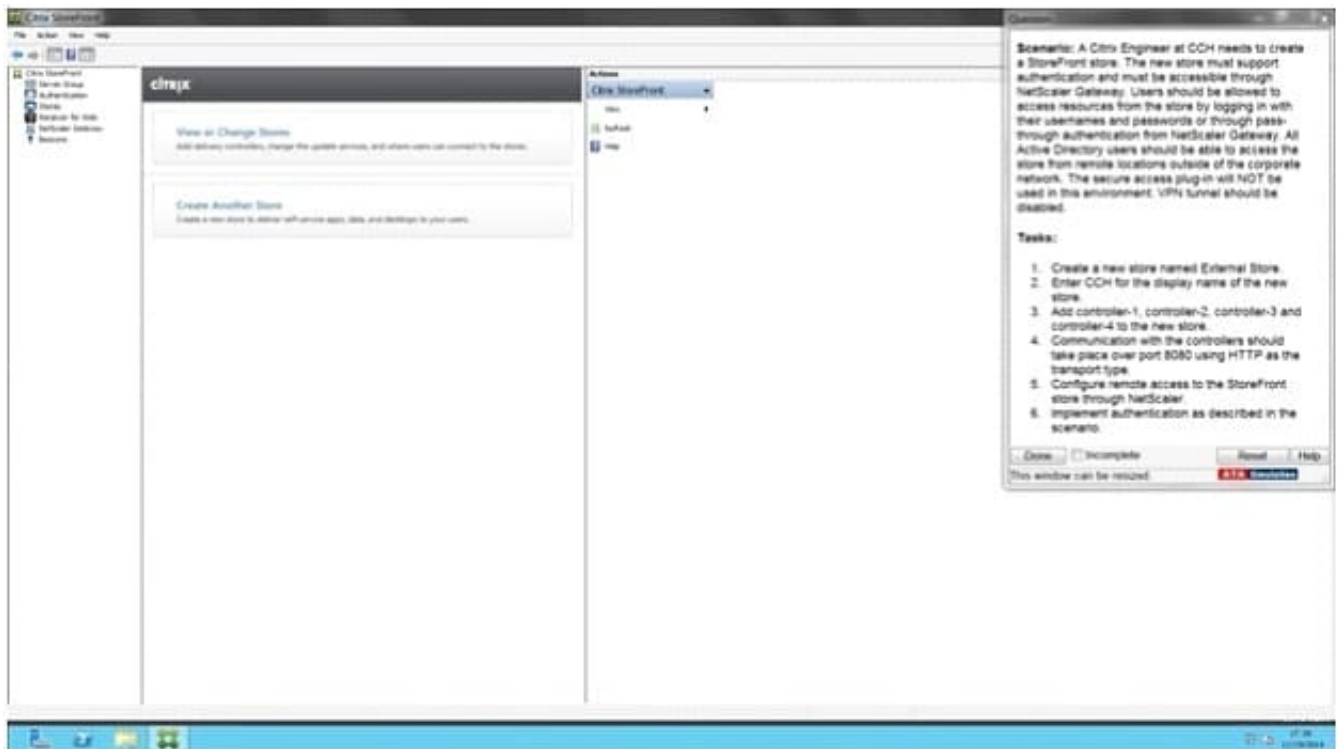
Communication with the controllers should take place over port 8080 using HTTP as the transport type.

5.

Configure remote access to the StoreFront store through NetScaler.

6.

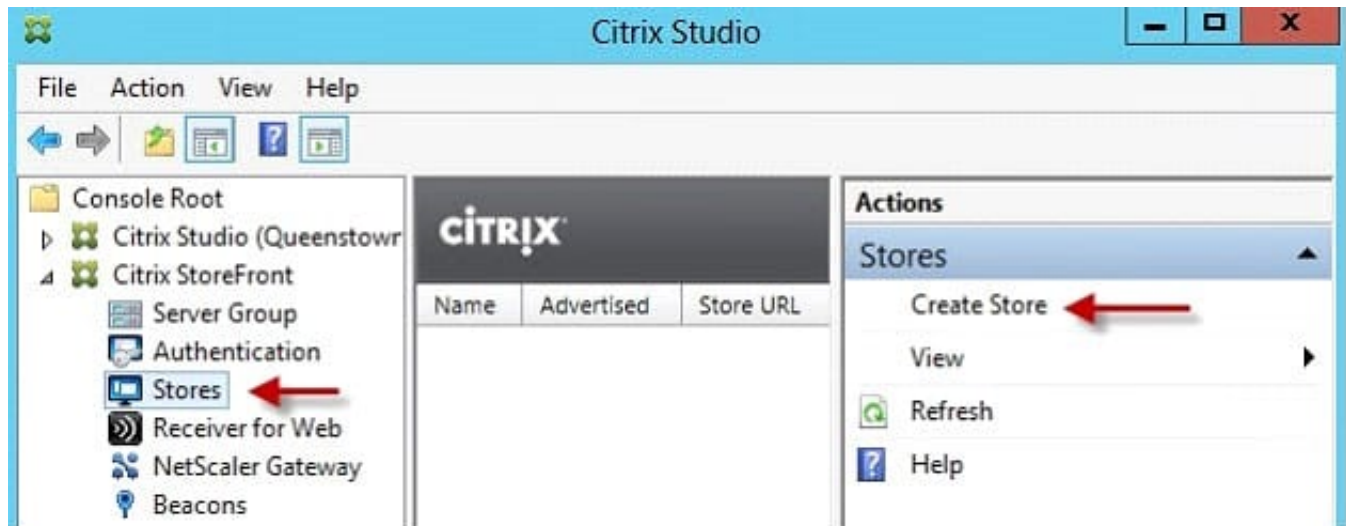
Implement authentication as described in the scenario.



A.

Correct Answer: A Section: (none)

Answer: Find the solution with all steps below. Citrix StoreFront Configuration



1. When the wizard starts enter a store name.

Store Name

Choose a name that helps users identify the store. The store name is used in the URL of the user's account.

Store name:

External Store

2. Now we need to add the delivery controllers (Controller1) that StoreFront will interface with

The screenshot shows two configuration windows in Citrix NetScaler. The top window is titled "Add Delivery Controller" and the bottom window is titled "Remote Access".

Add Delivery Controller Window:

- Display name:** XenDesktop7
- Type:** XenDesktop (selected), XenApp, AppController, VDI-in-a-Box
- Servers (in failover order):** d001xd01.contoso.net
- Transport type:** HTTPS (selected), HTTP
- Port:** 443

Annotations for Add Delivery Controller:

- CCH:** Points to the "Display name" field.
- Add Controller1, 2,3 and 4 here:** Points to the "Servers" list.
- Use Port 8080:** Points to the "Port" field.
- Use HTTP:** Points to the "Transport type" dropdown.

Remote Access Window:

- Remote access:** None (selected), No VPN tunnel, Full VPN tunnel
- NetScaler Gateway appliances:** (Empty list)
- Default appliance:** (Empty dropdown)

Annotations for Remote Access:

- Use this option:** Points to the "None" radio button.
- Use this to select the already configured default appliance in the simulation or add using the add button above:** Points to the "Default appliance" dropdown.

6.

Once the store is created it will give you the web browser URL that you can use to access it. Also take note that to access StoreFront from a web browser you must append "Web" to the store URL, as the URL shows below. Don't try going to /Citrix/Store as that won't work.

7.

To change the StoreFront base URL you can go to the Server Group node and in the right pane select Change Base URL. Change URL to use HTTPS and port 8080

8.

Back in the StoreFront console, after refreshing, you can see that the service is using HTTP.

9.

One quick tweak to make authentication easier is to set a default domain. This way the user doesn't have to enter a domain when authenticating to the StoreFront web site. Locate the Authentication node, then in the right pane click on Configure Trusted Domains.

"Store" Created Successfully

Store available

Use email addresses for account discovery. [Learn more](#)

Website created

Try out the store at <http://d001xd01.contoso.net/Citrix/StoreWeb>.

Citrix Receiver updates

Choose how Citrix Receiver can install updates. [Edit Settings](#)

Change Base URL

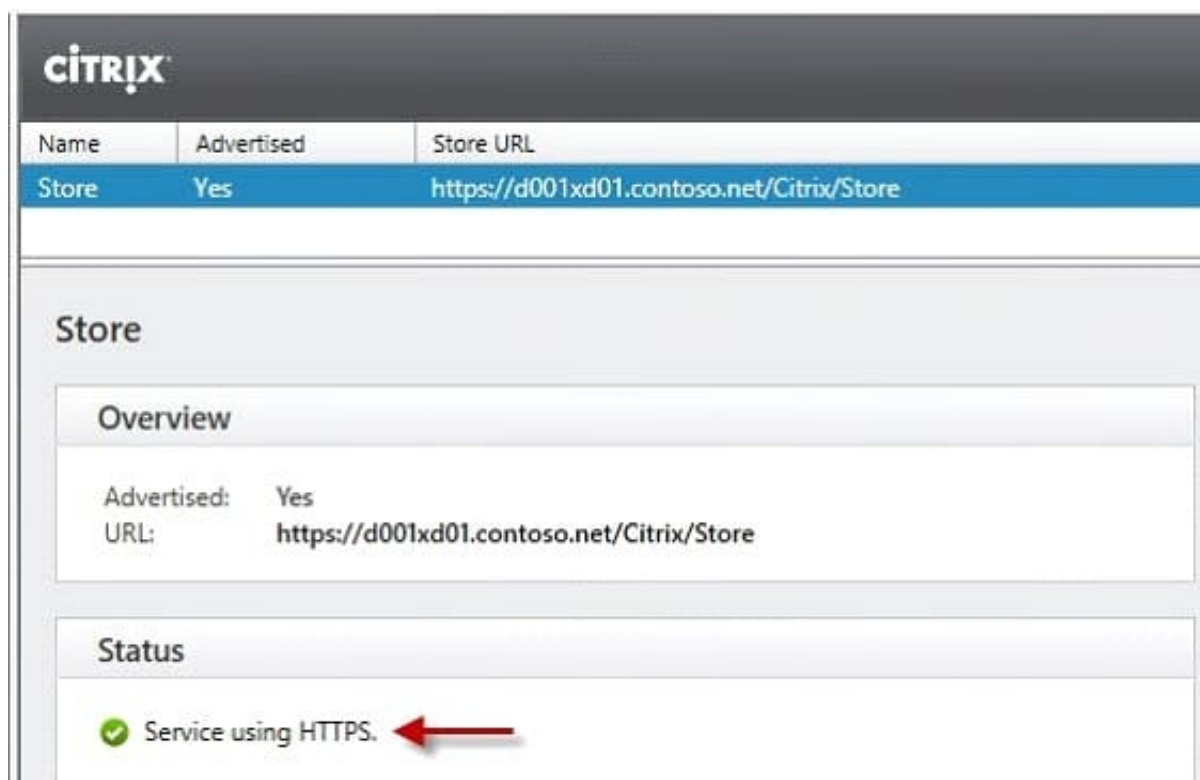
Change Base URL

Modify the base URL for services hosted on this deployment. For multiple server deployments, specify the load-balanced URL for the server group.

Base URL:

OK

Cancel



The screenshot shows the Citrix Store configuration interface. At the top, there is a table with three columns: Name, Advertised, and Store URL. The first row shows 'Store' with 'Yes' under 'Advertised' and 'https://d001xd01.contoso.net/Citrix/Store' under 'Store URL'. Below the table, there is a 'Store' section with two sub-sections: 'Overview' and 'Status'. The 'Overview' section shows 'Advertised: Yes' and 'URL: https://d001xd01.contoso.net/Citrix/Store'. The 'Status' section shows a green checkmark and the text 'Service using HTTPS.', with a red arrow pointing to it.

Name	Advertised	Store URL
Store	Yes	https://d001xd01.contoso.net/Citrix/Store

Store

Overview

Advertised: Yes
URL: https://d001xd01.contoso.net/Citrix/Store

Status

✓ Service using HTTPS. ←



The screenshot shows the 'Configure Trusted Domains' dialog box. It has a title bar 'Configure Trusted Domains'. Inside, there is a section 'Configure Trusted Domains' with two radio buttons: 'Any domain' and 'Trusted domains only'. The 'Trusted domains only' option is selected. Below the radio buttons, there is a text box labeled 'Trusted domains:' containing the text 'contoso'. Below the text box, there are three buttons: 'Add...', 'Edit...', and 'Remove'. At the bottom, there is a dropdown menu labeled 'Default domain:' with 'contoso' selected.

Configure Trusted Domains

Configure Trusted Domains

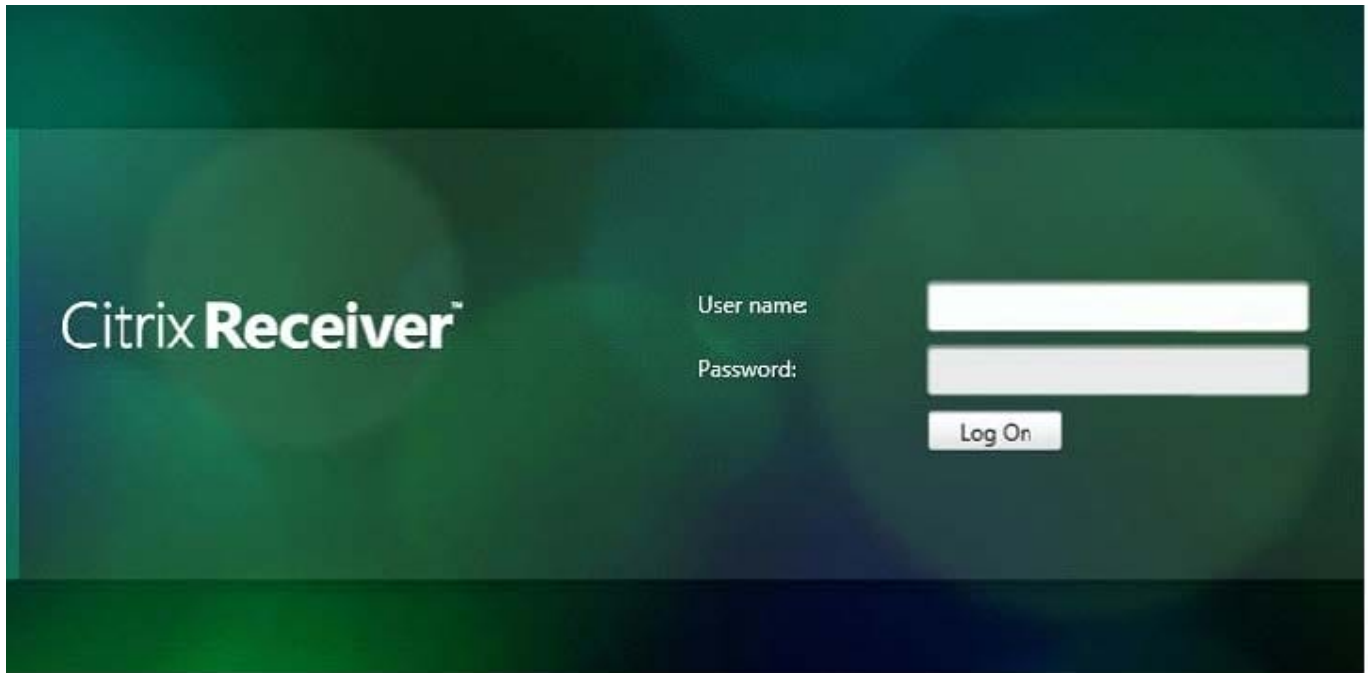
Allow users to log on from: ☐ Any domain
☒ Trusted domains only

Trusted domains: contoso

Add... Edit... Remove

Default domain: contoso

And that's pretty much it to get an operational StoreFront. If you open your browser and go to the full web store URL you should get a green bubbly Citrix receiver page.

**QUESTION 15**

Scenario: A Citrix Engineer needs to configure external access to resources hosted on Server OS machines. The engineer has configured a NetScaler Gateway vServer and bound a certificate for portal.mycompany.com. On the StoreFront server the engineer specified the callback URL of <https://portal.mycompany.com/CitrixAuthService/AuthService.asmx>.

NetScaler IP = 192.168.1.2

Subnet IP = 192.168.1.3

NetScaler Gateway VIP = 192.168.1.4

StoreFront VIP = 192.168.1.5

The engineer needs to validate that the portal.mycompany.com address resolves to _____ and that the certificate bound to _____ is trusted by the StoreFront server. (Choose the correct set of options to complete the sentence.)

- A. 192.168.1.2; mycompany.com
- B. 192.168.1.5; mycompany.com
- C. 192.168.1.3; portal.mycompany.com
- D. 192.168.1.4; portal.mycompany.com

Correct Answer: D

Section: (none)

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