

1Y0-403^{Q&As}

Citrix Virtual Apps and Desktops 7 Assessment, Design and Advanced Configurations

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QUESTION 1

After reviewing a Proof of Concept (PoC) environment for Citrix Virtual Apps and Desktops, the corporate security team advises that user access to Regedit, command line, and PowerShell must be disabled.

Which technology can a Citrix Architect use to address this requirement with the least amount of effort?

- A. Citrix ADC Endpoint Analysis (EPA)
- B. Citrix policies
- C. Citrix Workspace ADMX templates
- D. Citrix ADC SmartControl
- E. Citrix Workspace Environment Management (WEM)

Correct Answer: B

QUESTION 2

Scenario: A Citrix Architect is implementing a new Citrix Virtual Apps and Desktops environment. The IT team has purchased 1,000 Citrix Virtual Apps and Desktops Advanced licenses.

The company requires the IT team to produce a report of successful and failed connections of Citrix Virtual Apps sessions during the last 30 days.

Which two actions does the architect need to take to produce the report? (Choose two.)

- A. Implement Citrix Application Delivery Management
- B. Configure ``GroomFailuresRetentionDays\``
- C. Configure ``GroomSessionsRetentionDays\``
- D. Purchase Citrix Gateway Universal licenses
- E. Purchase Citrix Virtual Desktops Premium licenses

Correct Answer: BE

QUESTION 3

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The design will require 2 different StoreFront stores share a subscription datastore, and 2 corresponding Citrix Workspace app for Web sites. The solution should remain supported by Citrix.

The architect has already installed StoreFront on a server.

How can the architect achieve the desired design while keeping cost and maintenance requirements to a minimum?

- A. Point 1 store to the subscription service endpoint of the other store.
- B. Deploy a separate virtual server, install StoreFront on the new virtual server, and update the web.config file.
- C. Make the web.config files of both stores identical.
- D. Point 1 store to the Citrix Credential Wallet Service endpoint of the other store.

Correct Answer: C

QUESTION 4

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment for a marketing company. Several departments within the company utilize 3D applications based on OpenGL and Direct X. These applications run as hosted applications within 5 different virtual machines running on a single Citrix Hypervisor host. The host is configured with 1 single physical GPU running Intel Iris Pro technology.

Which HDX 3D Pro method should the architect utilize for these 3D applications?

- A. Software-virtualized GPU
- B. Pass-through GPU
- C. Hardware-virtualized GPU
- D. CUDA-virtualized GPU

Correct Answer: B

Reference: https://www.citrix.com/content/dam/citrix/en_us/documents/products-solutions/virtualize-3dprofessional-graphics-design-guide.pdf (8)

QUESTION 5

Scenario: A Citrix Architect is designing a new 2,000-user Citrix Virtual Apps and Desktops environment.

The environment will use Windows Server 2016 for all Site infrastructure components (Delivery Controllers, StoreFront servers, and Citrix Director). Machine Creation Services (MCS) will be used to provision Virtual Delivery Agent (VDA) machines. The environment will include 2 primary use cases:

Windows Server 2016 VDA machines providing hosted applications

Windows 10 VDA machines providing random, non-persistent VDI

The IT team has NOT yet purchased the hardware that will be used for the environment, and will build the Hardware Layer components based on the architect's recommendations.

How should the architect design the Citrix Hypervisor resource pools based on Citrix leading practices?

- A. Windows Server 2016 VDA machines should be placed in 1 resource pool, Windows 10 machines should be placed

in a second resource pool, and the infrastructure servers should be placed in a third resource pool.

B. Windows Server 2016 machines should be placed in 1 resource pool, and all Windows 10 machines should be placed in a second resource pool.

C. The infrastructure servers and all VDA machines should be located in 1 resource pool.

D. The infrastructure servers should be placed in 1 resource pool, and the VDA machines should be placed in a second resource pool.

Correct Answer: D

QUESTION 6

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. During the assessment, the architect determined the applications and characteristics.

Click the Exhibit button to view the list of applications and characteristics.

Application	Users	Deployment	Complexity	Resource Requirement	Peripheral Requirements
Application 1	Samantha and Robert	App Layer	High	Medium	Yes
Application 2	Human Resources (HR) Group	App-V	Low	Low	No
Application 3	Domain Users	Master Image	High	Medium	Yes
Application 4	Sales Group	Web App	Low	Low	No

To which application category does Application 1 belong, based on the information in the exhibit?

A. Departmental

B. User

C. Common

D. Management

Correct Answer: B

QUESTION 7

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Management has advised that they have a limited budget for the new solution. However, they still expect the design to account for future growth without the need to redesign or repurchase central hardware components. Additionally, the current 1 Gb network infrastructure CANNOT be replaced within the scope of this project. The architect has determined that the company can support both current and future load with 2 to 3 separate Virtual Delivery Agent (VDA) machine images.

Which two features should the architect consider while designing the Citrix Hypervisors for the proposed Citrix

environment? (Choose two.)

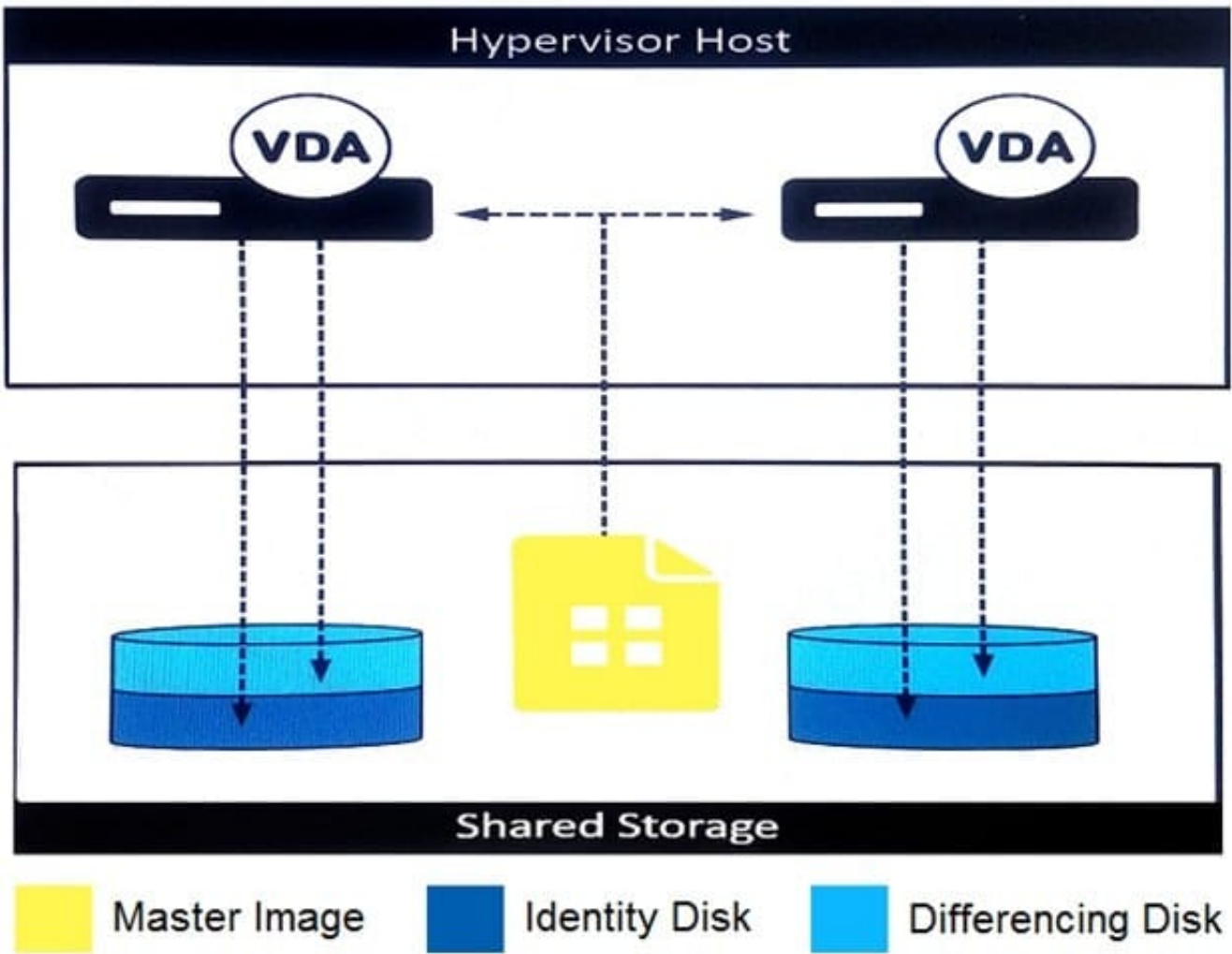
- A. Thin provisioning
- B. PXE boot with PVS
- C. Boot from SAN
- D. vApps
- E. iSCSI storage
- F. Intellicache

Correct Answer: AC

QUESTION 8

Scenario: A Citrix Architect is redesigning a Citrix Virtual Apps and Desktops environment to include Machine Creation Services (MCS). During design discussions, the locations for the MCS-provisioned thin clone machine disks are proposed as shown in the exhibit.

Click the Exhibit button to view the details.



Which two potential issues should the architect address with the customer before proceeding with this configuration? (Choose two.)

- A. It is limited to certain hypervisors.
- B. It will require substantial write IOPS to the shared storage location as temporary data is written.
- C. It is limited to NFS shared storage.
- D. It will require substantial read IOPS from the shared storage location during machine creation and updates.
- E. It will require more storage to be allocated on the virtual machine (VM) hosts compared with other options.

Correct Answer: DE

QUESTION 9

Scenario: A Citrix Architect is implementing a new Citrix Virtual Apps and Desktops environment.

The customer has 3 requirements:

All users must be able to aggregate resources from all Sites.

Both Sites should be treated as 1 equivalent farm set.

User connections should be directed to the New York Site with failover to San Francisco.

Click the Exhibit button to view the StoreFront configurations.

Exhibit 1.

Aggregate Resources

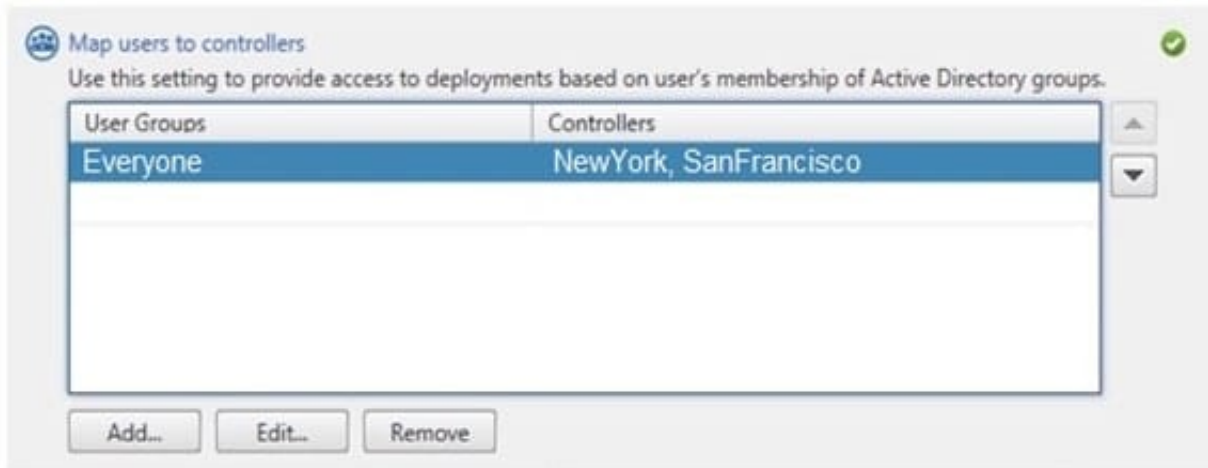
StoreFront allows you to aggregate the resources from multiple deployments. Select the controllers that need to be aggregated.

Controller	Type
Aggregated	
<input type="checkbox"/> NewYork	Citrix Virtual Apps and Desktops
<input type="checkbox"/> SanFrancisco	Citrix Virtual Apps and Desktops
Not Aggregated	
None	

Aggregated Controller Settings
These settings apply to all controllers marked as Aggregated

- Controllers publish identical resources
- Load balance resources across controllers

Exhibit 2.



Based on the configurations, requirement 1 is _____, requirement 2 is _____, and requirement 3 is _____. (Choose the correct option to complete the sentence.)

- A. met; met; NOT met
- B. met; NOT met; NOT met
- C. NOT met; met; met
- D. met; met; met
- E. NOT met; met; NOT met
- F. met; NOT met; met
- G. NOT met; NOT met; NOT met

Correct Answer: F

QUESTION 10

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The architect has identified the Resource Layer requirements shown in the exhibit.

Click the Exhibit button to view the requirements.

User Group	Persistent User Settings Required?	Assigned FlexCast Model	Access to Profile Folders Required?	Additional Requirements
Accountants	Yes	Hosted VDI – Static/Persistent	No	None
Executives	Yes	Remote PC	Yes, the following folders should be available: <ul style="list-style-type: none"> • Contacts • Desktop • Downloads • Favorites • My Documents 	Profile data should be preserved even if the resource machine fails. Solution must NOT require additional software to be installed on remote PCs.
Graphic Designers	Yes	Published Apps that use vGPU	Yes, the following folders should be available: <ul style="list-style-type: none"> • Contacts • Desktop • Favorites • My Documents • My Pictures • My Videos 	The application reads and writes a high volume of data to and from the AppData folder.
Customer Service	No	Published Desktop (Server OS)	No	None

Which feature of Citrix Profile Management could help the architect address the Graphic Designers Group requirements while minimizing login time?

- A. Profile streaming
- B. Active write back
- C. Folder redirection
- D. File exclusions

Correct Answer: A

Reference: <https://www.citrix.com/blogs/2012/02/11/citrix-profile-management-and-vdi-doing-it-right/>

QUESTION 11

Scenario: A Citrix Architect is using LDAP as single-factor authentication (SFA). The architect is migrating the environment to Citrix Cloud and wants to retain the same authentication, procedure for Citrix Virtual Apps and Desktops service in Citrix Cloud.

Which deployment strategy should the architect use for the Access Layer to ensure that the solution reduces management and does NOT incur additional costs?

- A. Use Citrix Cloud Gateway service and Citrix Cloud Workspace.
- B. Set up Citrix ADC with bring-your-own license (BYOL) and StoreFront in a public cloud.

- C. Set up Citrix ADC VPX and StoreFront on premises.
- D. Use Citrix Cloud Gateway service and on-premises StoreFront.

Correct Answer: C

QUESTION 12

Scenario: A Citrix Architect completed an assessment of an existing environment. The architect learned that one of the business requirements dictate that automatic update functionality is disabled, and that deployment is exclusively done by electronic software distribution (ESD).

Which parameter is required to configure the Citrix Workspace Updates settings from the command line interface, when installing Citrix Workspace app for Windows?

- A. /AutoUpdateStream=current
- B. /AutoUpdateCheck=auto
- C. /AutoUpdateStream=disabled
- D. /AutoUpdateCheck=disabled

Correct Answer: D

Reference: <https://docs.citrix.com/en-us/receiver/windows/4-9/citrix-receiver-for-windows-4.9-ltsr.pdf> (40)

QUESTION 13

Scenario: Engineers at a new company developed their product and infrastructure in Microsoft Azure. The engineers have reached out to a Citrix Architect to help design an Azure infrastructure to support publishing applications using the Citrix Virtual Apps and Desktops service. Costs need to be kept to a minimum.

Which Azure virtual machine (VM) series provides the lowest cost per user while also providing good performance?

- A. A-series
- B. B-series
- C. H-series
- D. D-series

Correct Answer: D

Reference: <https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/virtual-apps-anddesktops-azure.html>

QUESTION 14

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment for a marketing and design company. One department uses several 3D applications based on OpenGL. These applications run as hosted

applications within a single virtual machine (VM) running on a single Citrix Hypervisor host. The host is configured with 2 physical GPUs running NVIDIA GRID technology.

Which HDX 3D Pro method should the architect use for these 3D applications?

- A. Software-virtualized GPU
- B. Pass-through GPU
- C. Hardware-virtualized GPU
- D. CUDA-virtualized GPU

Correct Answer: B

Reference: <https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/graphics/hdx-3d-pro.html>

QUESTION 15

Scenario: A Citrix Architect needs to design a new Citrix Virtual Apps and Desktops environment.

Click the Exhibit button to view information collected by the architect during the Resource Layer discussions.

Category	Detail
Active Directory (AD) Permissions	Only the AD team has domain administrator permissions, but the Citrix Administrative team is provided with delegated administrative access to Citrix-dedicated organizational units (OUs).
User Profile Type	Citrix Profile Management will be used.
Security Considerations	Virtual Delivery Agent (VDA) machines should receive additional lockdown settings that are NOT currently being applied elsewhere in the environment.
Other Requirements	The Citrix Administrator wants to centralize management of policy settings and ensure that Citrix policies have priority. The administrator does NOT want additional software components installed on user desktops.

Based on the requirements, the Citrix Administrative team should use _____ to manage Citrix policies and _____ to manage Microsoft settings. (Choose the correct option to complete the sentence.)

- A. Citrix Studio; Active Directory Group Policy Objects
- B. Active Directory Group Policy Objects; Workspace Environment Manager
- C. Citrix Studio; Workspace Environment Manager
- D. Citrix Studio; Local policies
- E. Active Directory Group Policy Objects; Active Directory Group Policy Objects

Correct Answer: E