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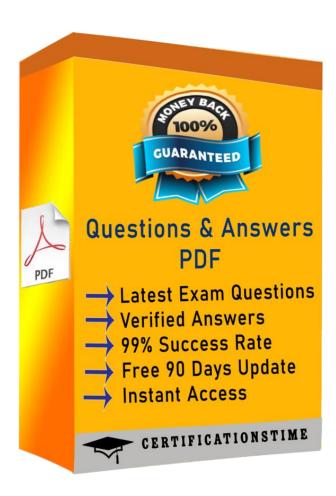




# **Citrix 1Y0-403**

# Citrix Virtual Apps and Desktops 7 Assessment-Design and Advanced Configurations

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#### **QUESTION 1**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Based on some initial discussions about the business goals and objectives of the company, the architect collected the information shown in the exhibit.

Click the Exhibit button to view the information.

Category	Detail
Application Name	HealthApp
Description	The application is an electronic medical recording (EMR) solution for large hospitals and healthcare systems.  HealthApp has its own authentication engine to control access to sensitive data.
Usage	The application will be used by all employees in the organization.
OS Compatibility	The application is compatible with the Virtual Desktop Access (VDA) operating systems.
Special Considerations	
	Session reconnection and session roaming capabilities are NOT required.

What should the architect recommend to meet customer requirements?

- A. Have users connect to an unauthenticated store through the Citrix Workspace app for Web sites.
- B. Have users connect to an authenticated store through Citrix Workspace app for Web sites.
- C. Have users connect using a Desktop Appliance site created in the StoreFront console.
- D. Have users connect to an authenticated store through the Citrix Virtual Apps Services URL.

#### Answer: C

#### **Explanation:**

https://www.smali.net/creating-desktop-appliance-site-on-storefront-by-richard-egenas/

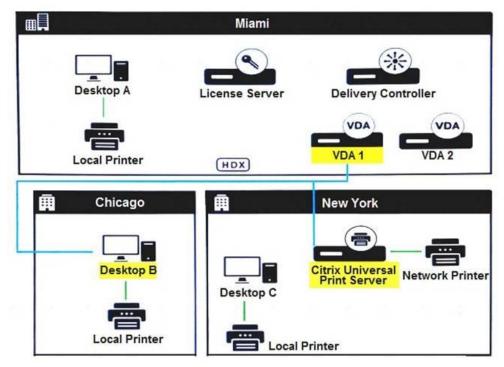
#### **QUESTION 2**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment for a company that maintains branch offices in New York, Chicago, and Miami. Management has described the following requirements for the environment:

- The Citrix Virtual Apps and Desktops Site must be located in the company headquarters in Miami.
- All users will only need to access their default local print queue from within their HDX sessions.
- Printing performance and bandwidth usage must be optimized where possible.
- The environment must be highly available.
- The auto-created client printer models must function with no additional configuration needed. Click the Exhibit button to review the printing requirements.

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What does the architect need to do to meet the printing requirements for the users in Chicago?

- A. Enable the Auto-create client printers policy with 'Auto-create all client printers' setting enabled. Enable the Universal print driver usage policy to 'Use universal printing only'. Apply the policy to all user
- B. Then, install and configure the Citrix Universal Print Server components and configure the
  Universal Print Server policy to 'Enabled with no fallback to Windows native remote printing'.
  Last, create a session printer policy, add the network printers that will use the Universal Print
  Server, and apply the policy to the users in Chicago.
- C. Enable the Auto-create client printers policy with 'Auto-create all client printers' setting enabled. Enable the Universal print driver usage policy to 'Use universal printing only'. Apply the policy to Chicago user
- D. Then, install and configure the Citrix Universal Print Server components and configure the Universal Print Server policy to 'Enabled with fallback to Windows native remote printing'. Last, create a session printer policy, add the network printers that will use the Universal Print Server, and apply the policy to all users.
- E. Enable the Auto-create client printers policy with 'Auto-create all client's default printer only' setting enable
- F. Enable the Universal print driver usage policy to 'Use universal printing only if requested driver is unavailable'. Apply the policy to all user

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- G. Then, install and configure the Citrix Universal Print Server components and configure the Universal Print Server policy to 'Enabled with fallback to Windows native remote printing'. Last, create a session printer policy, add the network printers that will use the Universal Print Server, and apply the policy to all users.
- H. Enable the Auto-create client printers policy with 'Auto-create all client's default printer only' setting enable
- I. Enable the Universal print driver usage policy to 'Use universal printing only'. Apply the policy to all user
- J. Then, install and configure the Citrix Universal Print Server components and configure the Universal Print Server policy to 'Enabled with fallback to Windows native remote printing'. Last, create a session printer policy, add the network printers that will use the Universal Print Server, and apply the policy to the users in Chicago.

#### Answer: D

#### **QUESTION 3**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. As part of graphics-mode design considerations the architect, determined that one User Group requires hardware acceleration with CPU-enabled Virtual Delivery Agent (VDA) machines for 3D graphics-design-type applications.

Which graphics mode needs be configured for this specific group?

- A. Visual quality = Build to Lossless
- B. Visual quality = Always Lossless
- C. Optimize for 3D graphics workload = Disabled
- D. Optimize for 3D graphics workload = Enabled

#### Answer: D

#### **Explanation:**

"The HDX 3D Pro capabilities in Citrix Virtual Apps and Desktops enable you to deliver desktops and applications that perform best using a graphics processing unit (GPU) for hardware acceleration." https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/graphics.html

#### **QUESTION 4**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The environment consists of 4 Citrix Hypervisor hosts, each running 10 virtual machines (VMs). To meet company security standards for the environment, the IT team will need to perform routine VM snapshots, data backups, and threat scans.

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Which two matters should the architect consider when securing a backup plan for the company? (Choose two.)

- A. Administrative access to the storage location that maintains backups and archived data should be monitored
- B. There are various delegated administrator roles that will have permissions to perform VM snapshots
- C. RAID technology is supported for secure VM backups and snapshots when using local host storage
- D. VM snapshots and data backups are NOT required for backup purposes if an enterprisegrade, geo- replicated, high-security storage solution is deployed
- E. Running simultaneous security scans on different VMs can reduce host resource utilization

Answer: DE

#### **QUESTION 5**

Scenario: The IT team of a company configured its Citrix environment on Microsoft Azure. Load on the servers is nominal during the off season, but during peak season, load increases on the infrastructure servers. This load varies from year to year. A Citrix Architect is asked to design a solution that dynamically increases and decreases the number of infrastructure servers.

What should the architect recommend the IT team create in Microsoft Azure to meet this demand?

- A. Availability sets
- B. Resource group
- C. Scale sets
- D. Availability domains

Correct Answer: B

Reference: https://docs.citrix.com/en-us/advanced-concepts/implementation-guides/citrix-adc-vpx-onazure-autoscaledeployment-guide.html

# **QUESTION 6**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment for a company with 2 branch offices connected over a WAN link. Each location will maintain its own Citrix Site and be configured for disaster recovery (DR) to allow users to failover if 1 Site has an outage.

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Management wants to implement a strong profile solution to manage user profiles. Each user maintains a profile that consists of user documents, application settings, and other personalization settings that must be available to them at all times.

Which step should the architect perform to ensure that profile requirements are met?

A. Implement Citrix Profile Management for all users with Windows Folder Redirection configured, and Microsoft

Distributed File System Replication (DFSR) active-active profile replication configured over the WAN connection.

B. Implement Citrix Profile Management for all users with Microsoft Distributed File System Replication (DFSR) active passive profile replication configured over the WAN connection.

C. Implement Ciitrix Profile Management for all users with Microsoft Distributed File System Replication (DFSR) activeactive profile replication configured over the WAN connection.

D. Implement Citrix Profile Management for all users with Active write back enabled and Microsoft Distributed File

System Replication (DFSR) active-active profile replication configured over the WAN connection.

Correct Answer: B

#### **QUESTION 7**

Scenario: A Citrix Architect is creating a conceptual architecture for a Citrix Virtual Apps and Desktops environment.

Based on some initial the company\\'s business goals and objectives, the architect has collected the information shown in the exhibit.

Click the Exhibit button to view the information.

Which delivery model should the architect recommend?

A. Single-Site in Citrix Cloud, public cloud, and on-premises resource locations

B. Multi-Site, multi-zone, and multiple on-premises data centers

C. Multi-Site in Citrix Cloud, and multiple public cloud resource locations

D. Single-Site, single-zone, and single on-premises data center

Correct Answer: C

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#### **QUESTION 8**

Scenario: A Citrix Architect has developed the hardware requirements for a small production Citrix Virtual Apps and

Desktops environment as follows:

Access to the environment hosted in a single data center Ability to perform maintenance on the environment without requiring an outage Keep management efforts to a minimum

Which hardware requirement does the architect need to include for Citrix Hypervisor hosts to meet the customer\\'s needs?

- A. N+1 Citrix Hypervisor hosts in a single cluster/pool
- B. Separate Citrix Hypervisor cluster/pool in an alternate data center
- C. Multiple individual Citrix Hypervisor hosts in the same data center
- D. Separate Citrix Hypervisor clusters/pools in the same data center

Correct Answer: D

#### **QUESTION 9**

Scenario: A large retail environment includes a StoreFront server group with 2 servers, each with 2 vCPUs and 4 GB of

RAM. The server group handles about 25,000 user connections per hour, with the majority of users accessing the environment using the Citrix Workspace app. Workspace Control has been disabled for the environment.

A Citrix Architect learns that the company will soon merge with another retail chain. The Citrix Virtual Apps and

Desktops environment must double its capacity, and the StoreFront server group is expected to handle about 40,000 user connections per hour.

What should the architect do to meet the expected load while maintaining high availability with optimal resource allocation for the StoreFront component?

- A. Allocate an additional 2 vCPUs to each existing StoreFront server.
- B. Enable Workspace Control for all StoreFront stores.
- C. Allocate an additional 2 GB of RAM to each existing StoreFront server.

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D. Train users to begin accessing the environment using Citrix Workspace app for Web site.

E. Use the least connection method for load-balancing on Citrix ADC.

Correct Answer: A

Reference: https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/virtual-apps-anddesktopsservice.html

# **QUESTION 10**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Two Control

Layer security requirements have been identified:

For security reasons, it is unacceptable to use default ports for FlexCast Management Architecture (FMA) services.

Management access to PowerShell and Citrix Studio should be restricted to management workstations by granular firewall rules.

Which combination of ports can the architect assign to the listed Citrix services to meet the Control Layer security requirements?

A. VDA Registration Port: 80 XML SSL Port: 80 SDK Port: 8083

B. VDA Registration Port: 8081 XML SSL Port: 443 SDK Port: 80

C. VDA Registration Port: 8081 XML SSL Port: 8082 SDK Port: 8083

D. VDA Registration Port: 8081 XML SSL Port: 8083 SDK Port: 8083

Correct Answer: B

#### **QUESTION 11**

Scenario: Currently, the user interface for a Citrix Apps and Desktops environment is presented in English, but a planned on-premises expansion in Poland will support 100 new users with a requirement to use all

Polish interfaces.

Two constraints were identified by a Citrix Architect:

Network bandwidth is low and unstable.

Network latency is higher than 300 ms to the existing Site.

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How should the architect deploy Citrix Virtual Apps and Desktops for these users?

- A. Install a StoreFront server in Poland.
- B. Implement Citrix Cloud Gateway in Europe.
- C. Add a Satellite Zone to the existing Site.
- D. Create a new Site in Poland.

Correct Answer: A

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