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Vendor:Citrix

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Exam Name:Citrix Virtual Apps and Desktops 7
Assessment, Design and Advanced Configurations

Version:Demo

QUESTION 1

Scenario: An additional zone was recently added to a Citrix Virtual Apps and Desktops environment. The main zone is located in New York City, and a small, second zone is located in Tokyo. Within the next year, the number of users in Tokyo is expected to equal that in New York City.

A Citrix Architect recommended the addition of 2 StoreFront servers in Tokyo to support the users.

What should the architect recommend for this environment to ensure user-experience consistency and reduce WAN bandwidth consumption?

- A. Add 2 StoreFront servers to separate server groups and configure subscription synchronization
- B. Add 2 StoreFront servers and configure the Optimal Gateway routing feature
- C. Add 2 standalone StoreFront servers
- D. Add 2 StoreFront servers to the same server group

Correct Answer: B

Reference: https://www.citrix.com/content/dam/citrix/en_us/documents/white-paper/ns-optimal-gatewayrouting-tech-wp.pdf

QUESTION 2

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
Finance	No	Published Apps	Yes	Application-specific data should be preconfigured within the profile. For security reasons, data and the profile should be deleted when the published application is closed.
Customer Service	No	Published Desktop (Server OS)	No	None
Executives	Yes	Remote PC Access	Yes, the following folders should be available: <ul style="list-style-type: none"> • Contacts • Desktop • Downloads • Favorites • My Documents 	The ability to use resources locally while offline is required.
Graphic Designers	Yes	Hosted VDI (Static)	No	None

Additionally, management identified 2 general Resource Layer requirements:

The time required to configure the solution should be minimized.

Different user groups can use different profile solutions.

Which profile type should the architect consider for the Finance Group?

- A. Hybrid
- B. Mandatory
- C. Roaming
- D. Local

Correct Answer: B

QUESTION 3

Scenario: A Citrix Architect is developing a Citrix Provisioning (PVS) design for a healthcare organization. The initial design places all PVS farm components in the primary data center of the organization. The customer asks if the vDisk can be streamed from PVS servers in the primary data center to target devices located in a secondary data center in another region, while still maintaining good performance. The data centers are connected with a 10 GB link with approximately 20 ms of latency.

The architect recommends against the organization pursuing this approach.

Which statement is a relevant reason for this recommendation?

- A. This configuration would introduce excessive latency in streaming traffic.
- B. This configuration does NOT provide sufficient connectivity between PVS servers and the farm database.
- C. This configuration prevents the Subnet Affinity feature from being implemented.
- D. This configuration does NOT provide sufficient bandwidth for streaming traffic.

Correct Answer: A

Reference: <https://support.citrix.com/article/CTX220651>

QUESTION 4

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. During the project kickoff meeting, the organization stated the following business priorities:

"Overall, we want a robust solution that ensures users\' ability to access resources at any time, even if the primary data center experiences an outage. Since employees will need to access resources from both inside and outside the corporate network, we need to ensure that this is enabled in a secure manner to protect sensitive data."

Which four design decisions align with the organization\'s stated business priorities? (Choose four.)

- A. Redundancy should be implemented for all infrastructure components
- B. Optimal Gateway Routing must be configured on StoreFront
- C. A multi-Site architecture and disaster recovery (DR) plan is required
- D. Server OS Virtual Delivery Agent (VDA) machines should be used to increase user density per machine
- E. Single-image management should be included in the design
- F. SmartAccess or SmartControl features should be considered for this environment
- G. Citrix ADC is required for this environment

Correct Answer: ACFG

QUESTION 5

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The customer previously installed all applications locally on managed laptops and desktops but is willing to evaluate other application delivery methods as part of the new deployment. The environment will be standardized on Windows 10 and Windows Server 2016 for the Virtual Delivery Agent (VDA) machines.

As part of an application analysis performed earlier in the project, the information in the exhibit was collected regarding 1 of the required applications.

Click the Exhibit button to view the information.

Category	Detail
Application Name	Workspace Lidar Analyzer
Description	The application processes and generates reports using large amounts of imaging data collected from a Lidar scanner attached to the user endpoint.
Usage	The application is used by 5 technicians in the Research and Development (R&D) department.
OS Compatibility	The application is compatible with the target operating systems.
Special Considerations	Technicians must frequently reference this application's data when making log entries in a different application that, for security reasons, is only available through a virtual desktop session. Technicians must occasionally conduct outdoor field experiments with the Lidar scanner, and must connect to the environment using a wireless mobile connection.

The customer has the additional objective of minimizing the amount of network traffic in the environment, particularly on WAN or metered links.

How should the architect deploy the application?

- A. Stream it to a VDA machine using Microsoft App-V, and access it through a virtual desktop session
- B. Install it directly on a VDA machine image, and access it through a virtual desktop session
- C. Install it directly on a Server OS VDA machine, and access it from the endpoint as a published application
- D. Install it directly on endpoint devices, and include it in a virtual desktop session using the Local App Access feature
- E. Install it in the Application Layer using Citrix App Layering

Correct Answer: B

QUESTION 6

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Citrix Provisioning (PVS) has been selected for image management. The PVS vDisk store requires high fault tolerance and the ability to support dual drive failure.

Which RAID level could the architect use for the PVS vDisk store?

- A. RAID 5
- B. RAID 6
- C. RAID 0
- D. RAID 1

Correct Answer: B

Reference: <https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/citrix-vdi-best-practices/design/design->

QUESTION 7

Scenario: A Citrix Architect is designing a Citrix Virtual Desktops environment. The Engineer Group requires NVIDIA hardware with shared virtualized GPUs due to its use of graphical applications. Management wants to use 4 components within the Citrix Virtual Desktops environment to meet these requirements: NVIDIA GRID Tesla P40 GPUs Microsoft Hyper-V Server 2012 R2 Windows 10 virtual machines (VMs) Citrix Virtual Desktops 7

Which component must the architect change to implement this use case?

- A. Windows 10 virtual machines
- B. Citrix Virtual Desktops 7
- C. NVIDIA GRID Tesla P40 GPUs
- D. Microsoft Hyper-V Server 2012 R2

Correct Answer: B

QUESTION 8

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

Aggregated Controller Settings

These settings apply to all controllers marked as Aggregated

Controllers publish identical resources

Load balance resources across controllers

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

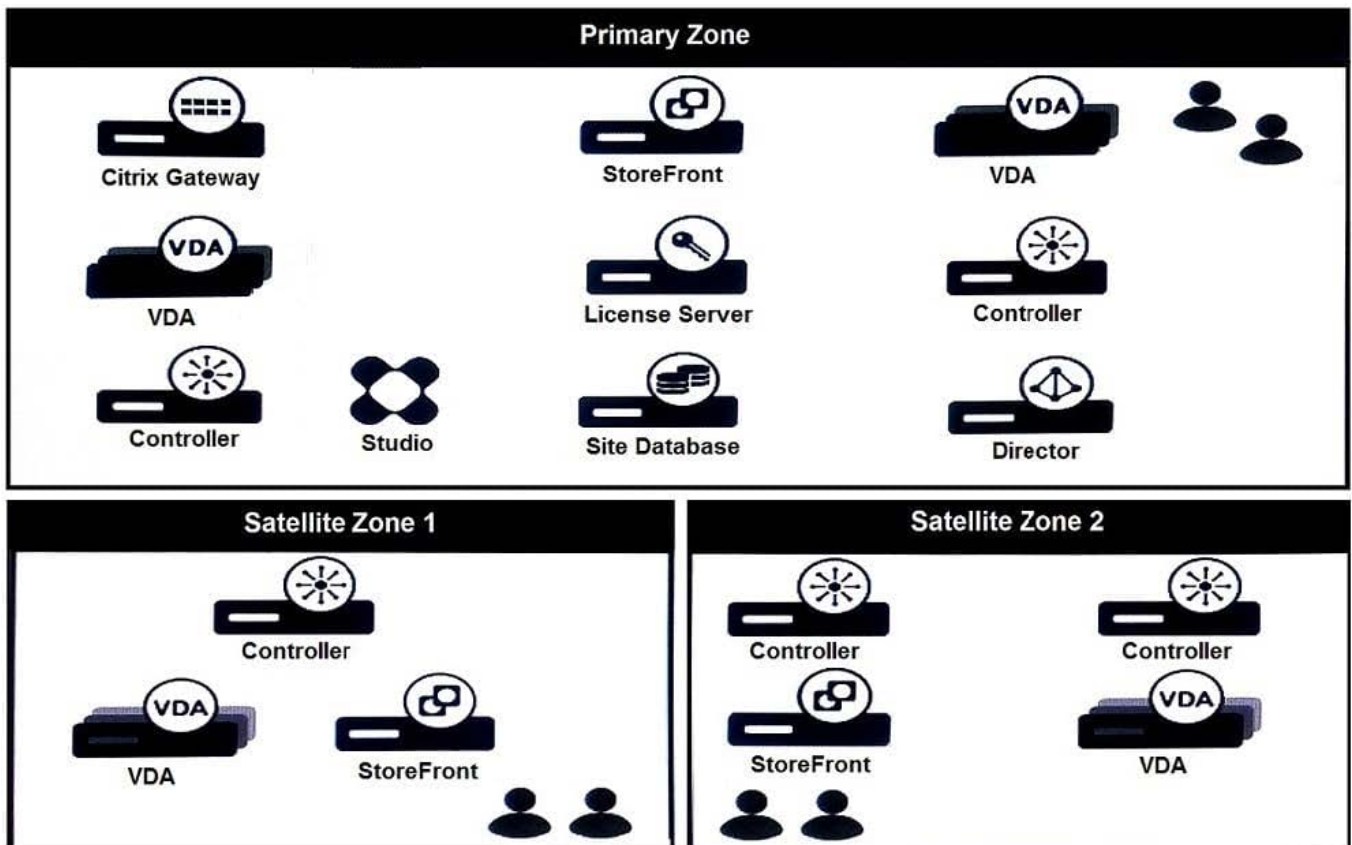
- A. met; met; met
- B. NOT met; NOT met; NOT met
- C. NOT met; met; met
- D. NOT met; met; NOT met
- E. met; met; NOT met
- F. met; NOT met; met
- G. met; NOT met; NOT met

Correct Answer: G

QUESTION 9

Scenario: A Citrix Architect needs to assess a Citrix Virtual Apps and Desktops environment. The Citrix Virtual Apps and Desktops diagram in the exhibit gives details about the current Site and zone design.

Click the Exhibit button to view the diagram.



Which statement is correct if all Delivery Controllers in the Primary Zone fail?

- A. Satellite Zone 2 will be promoted and the Primary Zone Virtual Delivery Agent (VDA) machines will register within Satellite Zone 2.
- B. Virtual Delivery Agent (VDA) machines in the Primary Zone will NOT register within Satellite Zone 1 or Satellite Zone 2.
- C. Virtual Delivery Agent (VDA) machines in the Primary Zone will register within Satellite Zone 2.
- D. Virtual Delivery Agent (VDA) machines in the Primary Zone will register within Satellite Zone 1.

Correct Answer: A

QUESTION 10

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Management has requested dynamic distribution of users between the primary and backup data centers to ensure that all available hardware is utilized during normal operations.

What is the biggest risk the architect should highlight to the customer when designing the profile strategy?

- A. Scale-Out File Servers are required to support active-active profile deployments
- B. Using Microsoft Distributed File System Replication (DFSR) to replicate user profiles requires significant bandwidth
- C. Replicating profiles between the 2 data centers will double storage costs
- D. Roaming profiles are NOT supported in active-active Microsoft Distributed File System Replication (DFSR) deployments

Correct Answer: B

QUESTION 11

Scenario: A planning document for deploying a new Citrix Virtual Apps and Desktops Site specifies that it will be created with 1 Site and different zones in each of 3 regions. The IT team expects that each zone will host 825 concurrent user sessions, with no more than 28 concurrent session launches.

What is the minimum acceptable Site-to-Site bandwidth required between the Primary Zone and a Satellite Zone?

- A. 1 Kbps
- B. 200 Mbps
- C. 2 Mbps
- D. 8 Gbps

Correct Answer: C

Reference: <https://docs.citrix.com/en-us/advanced-concepts/implementation-guides/citrix-virtual-appsdesktops-zones-deep-dive.html>

QUESTION 12

Scenario: A Citrix Architect needs to manage the disaster recovery (DR) process for a Citrix Virtual Apps and Desktops environment. The environment currently consists of an active data center typically accessed by users, and a DR data center used in the event that a disaster impacts the primary data center. Management has made it a priority to minimize the loss of data when failing over between data centers.

The environment has failed over from the primary data center to the DR data center and the primary data center has subsequently been recovered to its normal state.

What is the appropriate sequence of steps that the architect should follow to return to normal operations after the primary data center's stability is confirmed?

- A. Complete replication to the primary data center, block access to the DR data center, terminate/drain existing sessions in the DR data center, configure replication back to the DR data center, and enable access in the primary data center.

- B. Terminate/drain existing sessions in the DR data center, complete replication to the primary data center, block access to the DR data center, enable access in the primary data center, and configure replication back to the DR data center.
- C. Block access to the DR data center, terminate/drain existing sessions in the DR data center, complete replication to the primary data center, configure replication back to the DR data center, and enable access in the primary data center.
- D. Block access to the DR data center, complete replication to the primary data center, terminate/drain existing sessions in the DR data center, enable access in the primary data center, and configure replication back to the DR data center.
- E. Terminate/drain existing sessions in the DR data center, block access to the DR data center, complete replication to the primary data center, configure replication back to the DR center, and enable access in the primary data center.
- F. Complete replication to the primary data center, terminate/drain existing sessions in the DR data center, block access to the DR data center, enable access in the primary data center, and configure replication back to the DR data center.

Correct Answer: D