

Exam Questions 1Y0-403

Citrix Virtual Apps and Desktops 7 Assessment Design and Advanced Configurations

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NEW QUESTION 1

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. While performing the capabilities assessment for the existing infrastructure, the architect discovered substantial issues with packet loss and latency, and no current Quality-of-Service (QoS) technology is in place to manage these issues.

Which capability risk will the architect need to investigate to address these issues?

- A. Access infrastructure
- B. Disaster recovery (DR) plan and implementation
- C. Network architecture
- D. Windows Server and Active Directory (AD) environments

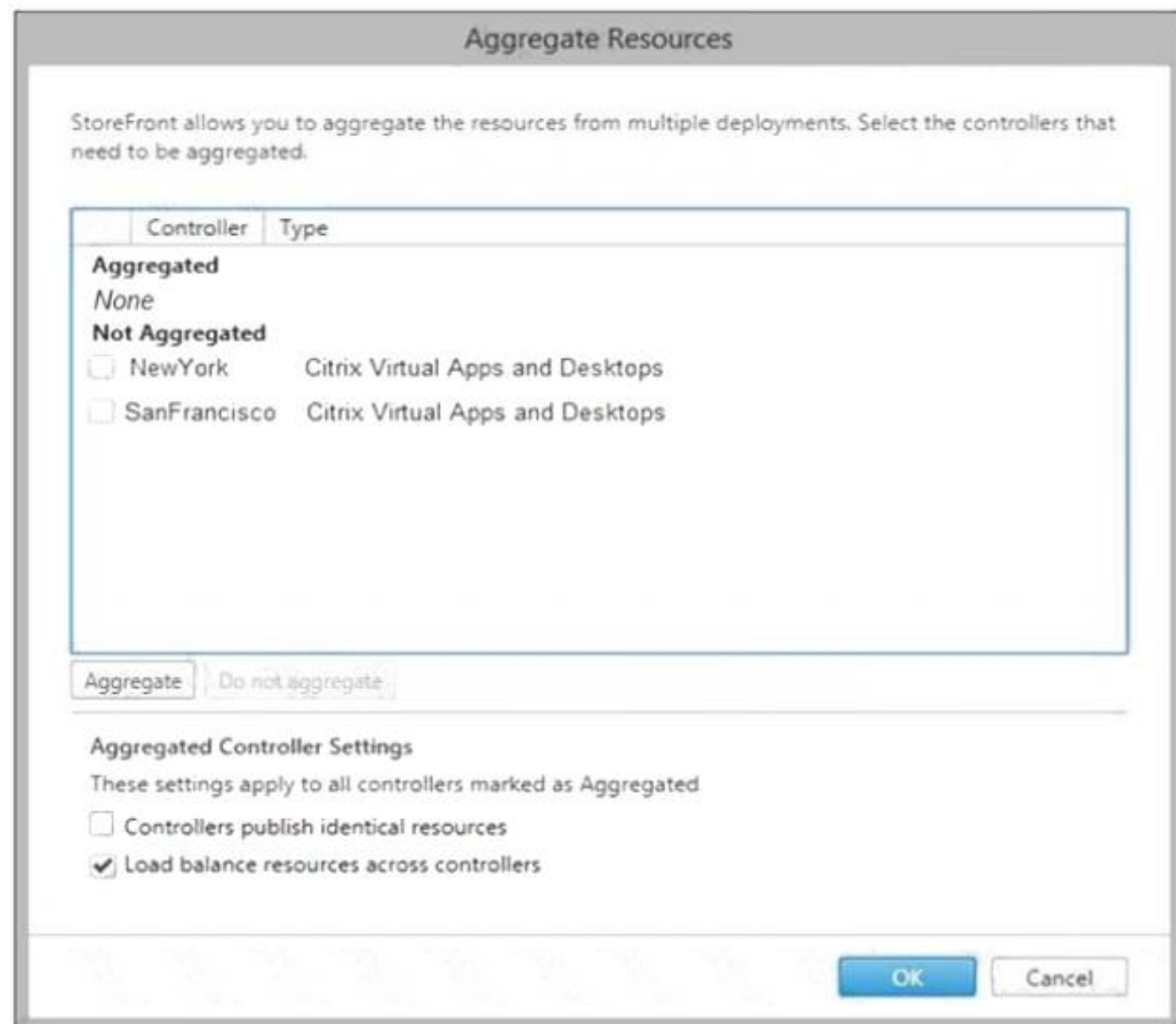
Answer: C

NEW QUESTION 2

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.



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

Answer: G

NEW QUESTION 3

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

Answer: D

Explanation:

<https://docs.nvidia.com/grid/5.0/grid-vgpu-release-notes-microsoft-windows-server/index.html>

NEW QUESTION 4

A Citrix Architect needs to enable the security of the Virtual Delivery Agent (VDA) by evaluating the 'Enable- VdaSSL.ps1 -Enable' script. Which supported SSL protocol version is least secure when using the default settings of the script?

- A. TLS 1.0
- B. SSL 3.0
- C. TLS 1.2
- D. TLS 1.1
- E. SSL 1.0
- F. SSL 2.0

Answer: A

Explanation:

Defaults setting is TLS 1.0 (Script -> .PARAMETER SSLMinVersion Specifies the minimum SSL version (allowed values are SSL_3.0, TLS_1.0, TLS_1.1 and TLS_1.2). Default is TLS_1.0.)

<https://support.citrix.com/article/CTX220062>

NEW QUESTION 5

Scenario: A Citrix Architect has implemented a multi-location profile strategy as part of a large Citrix Virtual Apps and Desktops solution. The architect needs to implement a single policy that sets the profile path for all users.

- New York users: Server: NYC-FS.company.lan – Share: NYC-Profiles\$
- Miami users: Server: MIA-FS.company.lan – Share: MIA-Profiles\$
- San Francisco users: Server: SFO-FS.company.lan – Share: SFO-Profiles\$

The architect has proposed the usage of this path for all users:

\\#Loc#-FS.company.lan\#Loc#-Profiles\$\#sAMAccountName#\%ProfileVer%\

What does the architect need to define to use the above path for all users as the profile location?

- A. A Loc variable using the Current-Location attribute
- B. A DFS-ROOT variable per data center that incorporates the user environment variable %homeshare%
- C. A new attribute called Loc using Active Directory (AD) Explorer
- D. A user environment variable Loc using a login script

Answer: C

NEW QUESTION 6

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?

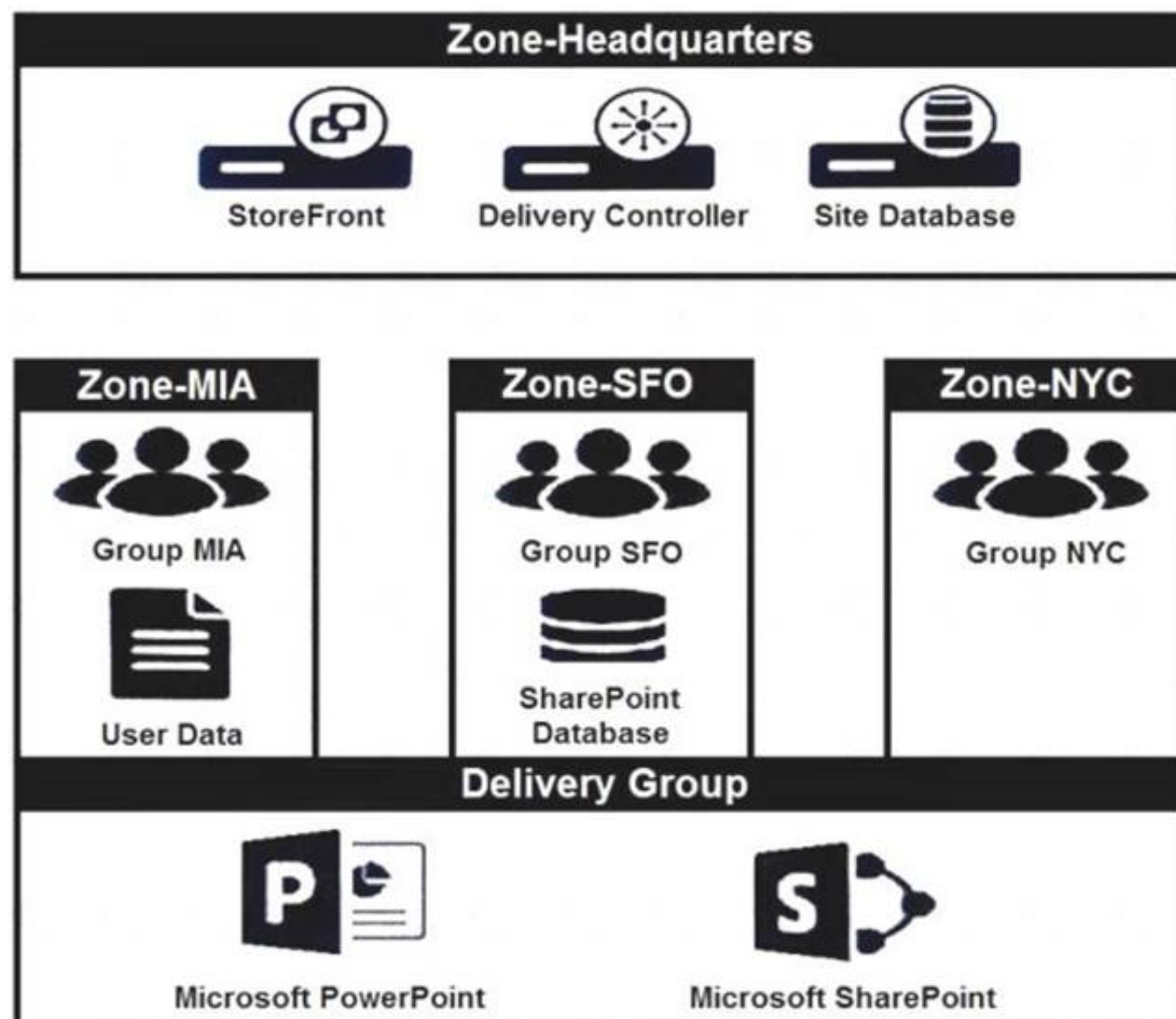
- A. 1 Kbps
- B. 200 Mbps
- C. 2 Mbps
- D. 8 Gbps

Answer: C

NEW QUESTION 7

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The design has a Primary Zone and 3 Satellite Zones. Each Satellite Zone has a number of Virtual Delivery Agent (VDA) machines that belong to a single Delivery Group spanning all 3 Satellite Zones.

Click the Exhibit button to view more details about the configuration.



How should the architect ensure that the SharePoint application has optimal performance for all user groups?

- A. Use PowerShell to change the process priority to high for SharePoint within Zone-SFO.
- B. Publish SharePoint in an individual Delivery Group within each zone.
- C. Edit the application properties to set Zone-SFO as the Home Zone for SharePoint.
- D. Edit the zone properties to only allow SharePoint to launch in Zone-SFO.

Answer: C

NEW QUESTION 8

Scenario: A Citrix Architect is designing a Citrix Virtual Desktops environment. The Graphic Editors Group uses a graphic-intensive and media-rich application. Graphic editors will be provided with a Windows Server 2016 Desktop with NVIDIA graphics hardware acceleration. HDX 3D Pro and Server VDI options were selected during the command-line installation of the Virtual Delivery Agent (VDA). Which limitation will affect the Graphic Editors Group?

- A. Each virtual desktop requires a dedicated NVIDIA graphics card.
- B. Support is available only for a single user session per VDA.
- C. The Browser Content Redirection feature is NOT available.
- D. Support is limited to the Thinwire graphics protocol.

Answer: B

Explanation:

"Use the Server VDI (Virtual Desktop Infrastructure) feature to deliver a desktop from a server operating system for a single user."
<https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/install-configure/server-vdi.html>

NEW QUESTION 9

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The customer requires that local users on the internal network have access to the Citrix environment from available, non-domain-joined desktops. How should the architect configure StoreFront for the Citrix Virtual Apps and Desktops deployment to ensure this requirement is met?

- A. Use the Citrix StoreFront console to create the new store and then use the XenApp Services URL for the store
- B. Use the Citrix StoreFront option within Citrix Studio to create the new store and then use the XenApp Services URL for the store
- C. Use the Citrix StoreFront console to create a Desktop Appliance site
- D. Use the PowerShell console to create a Desktop Appliance site

Answer: D

NEW QUESTION 10

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops Service environment in Citrix Cloud. During the kickoff meeting, management advised that they need a robust, scalable image-provisioning strategy that allows for easy image and application maintenance to deploy a large number of applications to users. This should include company-wide applications and departmental applications to be used only by specific sets of users. Some applications will require run-once scripts at system startup for product licensing. Which image provisioning strategy should the architect use for this deployment?

- A. Application Layering
- B. Machine Creation Services (MCS)
- C. Manual Provisioning
- D. Citrix Provisioning (PVS)

Answer: D

NEW QUESTION 10

Scenario: A Citrix Consultant is designing a new Citrix Virtual Desktops environment. During the user segmentation process, a Citrx Architect collected a small amount of data about user requirements, but was NOT able to create well-defined user groups.
Which user-segmentation actions should the consultant pursue?

- A. Collect user data, define user groups, and identify user requirements.
- B. Collect user data, confirm user groups, and identify user requirements.
- C. Analyze existing data, define user groups, and confirm user requirements.
- D. Analyze existing data, confirm user groups, and identify user requirements

Answer: A

NEW QUESTION 15

Scenario: A Citrix Architect is creating a conceptual architecture for a Citrix Virtual Apps and Desktops environment. Based on some initial discussions around the company's business goals and objectives, the architect collected the information shown in the exhibit.
Click the Exhibit button to view the information.

Requirement	Detail
Number of Users	500
Data Centers	None
Available Hardware	No hardware was procured by the Information Technology (IT) team
Administrative Team	One dedicated Citrix Administrator is responsible for both Windows and Citrix troubleshooting and change tickets
Level of Desired Control	Basic
Additional Considerations	Consulting users mostly travel and connect from offsite locations using tablets. Other department users connect using bring-your-own devices (BYODs)

Which delivery model should the architect recommend?

- A. Single-Site in Citrix Cloud, with resources hosted in public cloud
- B. Single-Site, single-zone, and single on-premises data center
- C. Multi-Site, and single on-premises data center
- D. Multi-Site in Citrix Cloud, with resources hosted in public cloud

Answer: B

NEW QUESTION 17

Scenario: IT management has decided which server hardware model to use for its new Citrix Virtual Apps and Desktops Sites, but needs guidance on sizing the Hardware Layer.
Click the Exhibit button to view the host details.

Host Model	UCS B200 M4
Sockets	2
Cores per Socket	8
RAM	320 GB
Hyper-threading	Enabled
Storage	SAN

A Citrix Architect is planning to install Citrix Hypervisor 7.x on this host. How many vCPUs will be available to the Citrix Hypervisor host?

- A. 48
- B. 32
- C. 16
- D. 24

Answer: C

NEW QUESTION 18

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. While performing a capabilities assessment of the existing infrastructure, it was discovered that there are issues with load balancing users, and that the existing load-balancing hardware is outdated.
Which capability risk will the architect need to investigate to address these issues?

- A. Windows Server and Active Directory (AD) environments.
- B. Citrix Virtual Apps and Desktops environments
- C. Network architecture

D. Access infrastructure

Answer: D

Explanation:

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/citrix-vdi-best-practices/design/design-userlayer2>

NEW QUESTION 23

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

Answer: E

Explanation:

<https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/policies/policies-processes.html>

NEW QUESTION 26

Scenario: A Citrix Architect designing a new Citrix Virtual Apps and Desktops environment needs to determine which endpoints to include. Based on discussions with various departments, the user requirements listed in the exhibit were collected.

Click the Exhibit button to view the requirements.

User Group	Typical Location	High-security User Group?	FlexCast Model Used	Peripheral Requirements	User Mobility	User Workload
Finance	Internal	Yes	Published Apps	None	None	Low
Product Development	Internal	Yes	Static/Persistent Hosted Desktop	USB Printers	None	High
Sales	Roaming	No	Published Apps and Desktops	USB Printers and Projectors	High	Medium

In addition to the user requirements, the architect must address the organizational requirement of minimizing endpoint management effort. Which endpoint type should the architect use for the Sales Group, based on the requirements?

- A. Corporate-owned thin client
- B. Bring-your-own device (BYOD) laptop/notebook
- C. Corporate-owned smartphone
- D. Corporate-owned laptop/notebook
- E. Bring-your-own device (BYOD) smartphone

Answer: B

NEW QUESTION 31

Scenario: A Citrix Architect designed an active-passive Citrix Virtual Apps and Desktops environment, where the passive data center serves as the disaster recovery (DR) data center for all users.

Twelve items have been configured:

- > Citrix ADC Global Server Load Balancing (GSLB) to provide single URL direction to the active data center.
- > GSLB has health monitors configured for the load balanced servers.
- > Citrix Gateways are on both data centers.
- > Citrix ADC load balancing occurs for StoreFront and Delivery Controller XML services.
- > A single Citrix Virtual Apps and Desktops Site exists.
- > Four Delivery Controllers are members of the Site.
- > Two Delivery Controllers are members of the Primary Zone in the active data center.

- Two Delivery Controllers are members of the Satellite Zone in the passive data center.
- SQL is deployed in the active data center.
- Local Host Cache is enabled.
- Two StoreFront servers are deployed in each data center aggregating resources from the Delivery Controllers in the respective data center.
- Virtual Delivery Agent (VDA) machines are deployed in both data centers and configured to register with Delivery Controllers in their zone.

What would happen if the Delivery Controllers in the primary data center were turned off?

- A. VDA machines from the primary data center would register with the Delivery Controllers in the passive data center.
- B. StoreFront in the primary data center would still be able to launch sessions.
- C. GSLB will start redirecting connections to the secondary data center.
- D. GSLB will NOT identify that the Delivery Controllers are down and sessions CANNOT launch.

Answer: C

Explanation:

GSLB will start redirecting connections to the secondary data center, as GSLB is aware the controllers are down.

NEW QUESTION 34

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

Answer: B

NEW QUESTION 38

Scenario: A Citrix Architect needs to implement Citrix Virtual Apps and Desktops. Based on the assessment and early stages of the design, the requirements in the exhibit have been identified.

Click the Exhibit button to view the requirements.

Requirement	Detail
Number of Users	5,000
Environment	Production
Redundancy	Highly available
Administrative Team	Highly skilled IT teams
Level of Performance	High
Image Management	Citrix Provisioning (PVS)/non-persistent Machine Creation Services (MCS)/persistent
Additional Considerations	Dedicated network infrastructure required

Which tier of storage should the architect consider implementing, based on the requirement?

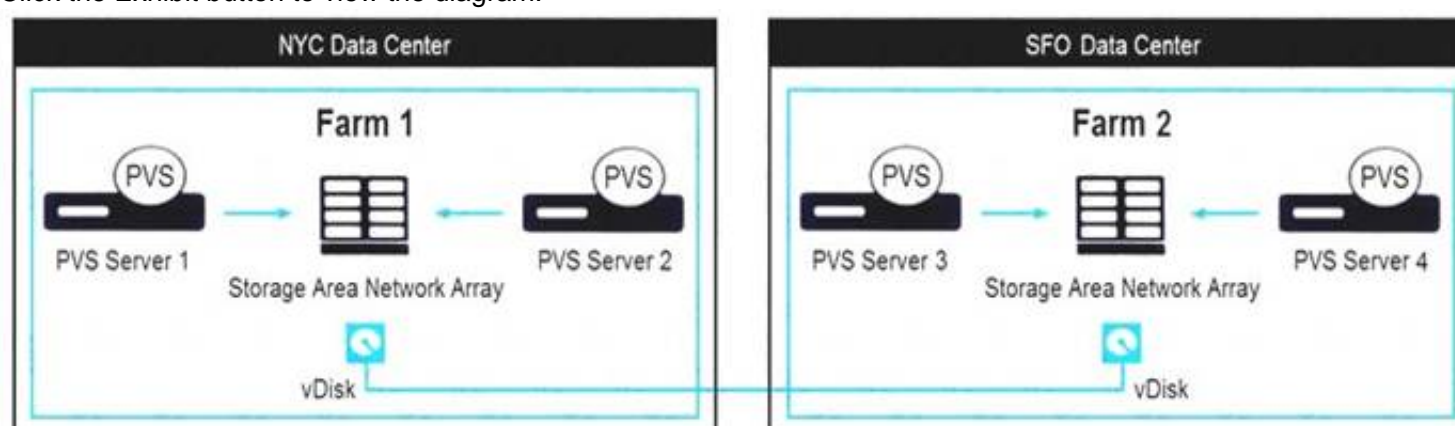
- A. DAS
- B. Local
- C. NAS
- D. SAN

Answer: D

NEW QUESTION 40

Scenario: A Citrix Architect is designing a multi-data center Citrix Virtual Apps and Desktops environment that will use Citrix Provisioning (PVS) to manage Virtual Delivery Agent (VDA) machine images. Each data center will have a separate PVS farm. During design discussions, the architect created a diagram to depict the way in which vDisk files will be replicated among PVS farms, based on the available storage for the vDisk stores.

Click the Exhibit button to view the diagram.



Overall, the customer has identified 3 objectives for the image-replication process:

- Administrative time required to replicate images among farms must be minimized.
- Pre-existing infrastructure and processes should be used where possible.

Which method should the architect use to replicate vDisk files among data centers?

- A. Manual copy
- B. Scheduled RoboCopy commands
- C. SAN replication
- D. vDisk Replicator Utility
- E. Microsoft Distributed File System Replication (DFSR) Namespaces

Answer: C

Explanation:

"vDisks and Storage – For vDisk stores hosted on local, Direct Attached Storage (DAS) or Storage Area Network (SAN), replication should be used to synchronize the vDisks. If using Network Attached Storage (NAS), ensure that the vDisks are hosted on a highly available network share."

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/citrix-vdi-best-practices/design/design-userlayer4>

NEW QUESTION 42

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

Answer: AF

NEW QUESTION 44

Scenario: A Citrix Architect deployed a new Citrix Virtual Desktops environment in Citrix Cloud. The environment is accessed exclusively by users in a location where Citrix Cloud does NOT have a local point of presence (POP). The Corporate Security team advises that a new industry regulation requires that all user HDX-session communications remain within the country.

In addition, users have requested file-type-association functionality to launch published applications from within their virtual desktops.

What should the architect configure for this deployment?

- A. On-premises Citrix Gateway with on-premises StoreFront
- B. Citrix Cloud-hosted Gateway Service with Citrix Cloud-hosted Workspace
- C. On-premises Citrix Gateway with Citrix Cloud-hosted Workspace
- D. Citrix Cloud-hosted Gateway Service with on-premises StoreFront

Answer: C

NEW QUESTION 47

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

Answer: D

NEW QUESTION 48

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

Answer: ACFG

NEW QUESTION 51

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

The table in the exhibit lists details about the requirements of the current user groups and their Virtual Delivery Agent (VDA) machine workloads.

Click the Exhibit button to view the table.

User	Scaling Priority	VDA Type	Workload Weight	CPU Overcommit	Virtual CPUs per VM	VMs per Host	Users per VM
User Group 1	Scalability	Desktop	Medium	8:1	2	90	1
User Group 2	User Experience	Server	Medium	1.5:1	6	16	20
User Group 3	Scalability	Desktop	Heavy	6:1	4	36	1
User Group 4	Scalability	Server	Medium	1.5:1	6	27	20

The architect should scale the hardware used to host the virtual machines (VMs) for User Group 1 to cores. (Choose the correct option to complete the sentence.)

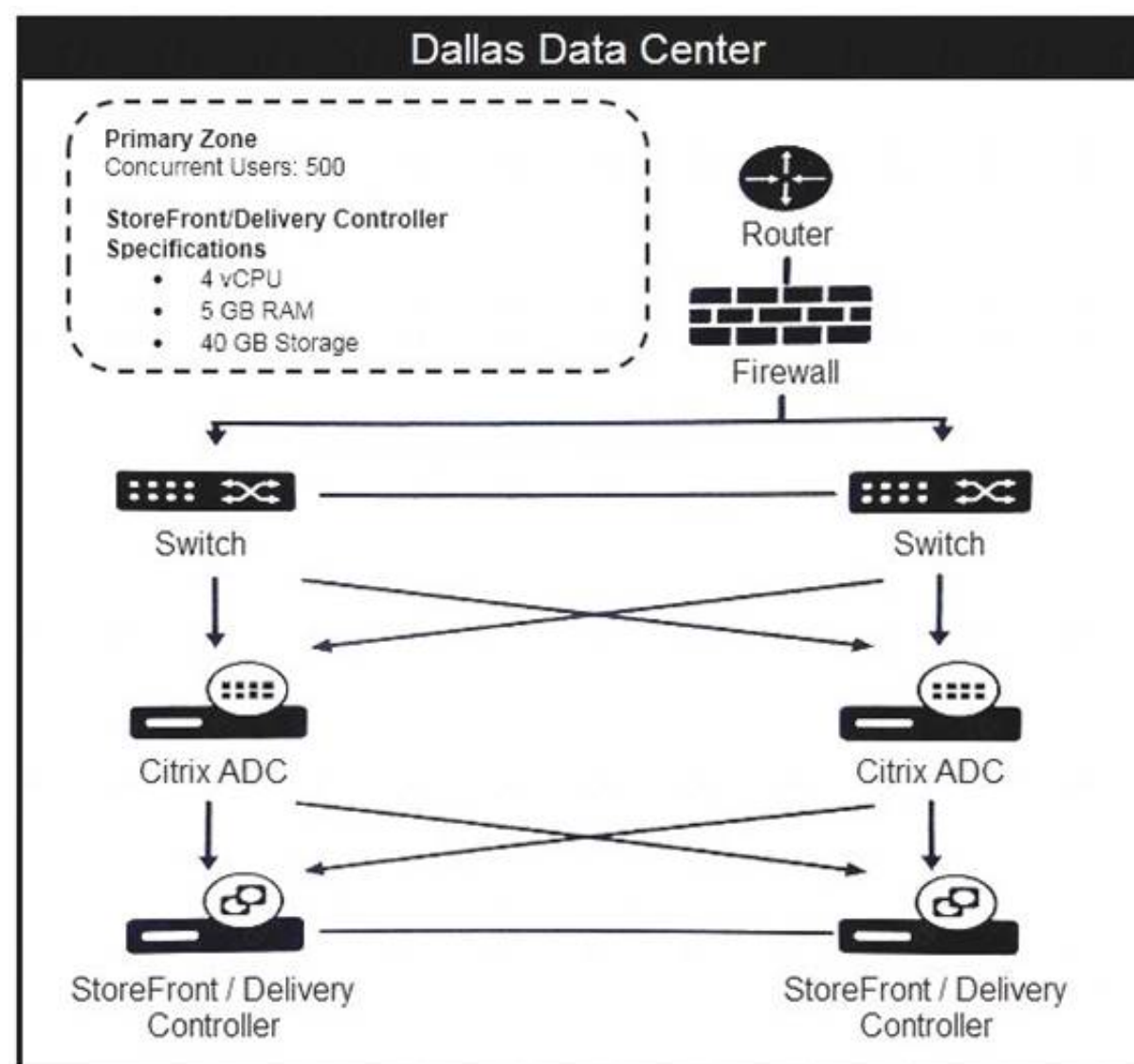
- A. 32
- B. 24
- C. 96
- D. 64
- E. 16

Answer: B

NEW QUESTION 53

Scenario: A Citrix Architect is designing a single-Site Citrix Virtual Apps and Desktops production environment. Through earlier design discussions, the architect has determined the environment details listed in the exhibit

Click the Exhibit button to view the details.



What should the architect change in the current environment to align with Citrix leading practices?

- A. The existing Delivery Controller and StoreFront servers should be allocated an additional 2 GB of RAM each.
- B. A Delivery Controller should be removed from the Site.
- C. A Delivery Controller should be added to the Site.
- D. The Delivery Controller and StoreFront roles should NOT be co-located on the same server.
- E. The existing Delivery Controller and StoreFront servers should be allocated two additional CPUs each.

Answer: D

Explanation:

A would have been the answer if it provided enough RAM, but 7GB isn't enough to meet documentation requirements. "All core components on one server, for a test deployment or a small production environment 12 GB RAM" <https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/system-requirements.html>

NEW QUESTION 56

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.
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.

Answer: D

Explanation:

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/manage-deployment/zones.html>

NEW QUESTION 59

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