Citrix

Exam Questions 1Y0-403

Citrix Virtual Apps and Desktops 7 AssessmentDesign and Advanced Configurations

NEW QUESTION 1
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

Answer: B

NEW QUESTION 2
Scenario: A Citrix Architect is assessing an existing infrastructure for a company that has storage challenges as a result of hyper-growth. They currently have a large IT infrastructure that consists of 15 hypervisor hosts and more than 200 virtual machines (VMs) worldwide. Management has advised the architect that they need to improve their storage infrastructure to include high performance and scalability.
Which storage solution should the architect implement within this infrastructure?

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

Answer: B

NEW QUESTION 3
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.

Answer: D

NEW QUESTION 4
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Currently, the environment is configured with 2 locations with identical Citrix Virtual Desktops Sites. Each Site has 2 Delivery Controllers, 2 StoreFront servers, and 1 Citrix ADC high-availability pair. The same applications have been published from both Sites for all users. Two zones (Zone A and Zone B) are configured in each Site with 1 Delivery Controller in each zone. The Microsoft Exchange server is only accessible from Virtual Delivery Agent (VDA) machines in Zone A in each Site.
Six access requirements have been identified:

➢ Users should have a single URL when accessing resources from different Sites.

➢ Users should always connect to the data center closest to their location.

➢ Applications added to Favorites within the Citrix Workspace app should be retained when accessed from different Sites.

➢ Launched applications and desktops should always connect through a local Citrix ADC.

➢ No duplication of applications published from different Sites.

➢ Microsoft Outlook should always launch in Zone A.

What should the architect recommend to ensure that Microsoft Outlook always launches from Zone A for every user?

A. Configure zone preference based on user location.
B. Configure Zone A as the application Home Zone for Microsoft Outlook.
C. Move a Delivery Controller from Zone B to Zone A.
D. Designate Zone A as the Home Zone for all users.

Answer: B

Explanation:
"If that application has a configured zone association (an application home), then the preferred zone is the home zone for that application."
https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/1912-ltsr/manage-deployment/zones.html#tailoring-zo

NEW QUESTION 5
Scenario: A Citrix Architect is designing a Citrix Virtual Desktops environment. The Graphic Designers Group uses graphic-intensive applications. Graphic designers will be provided with a Windows 10-hosted assigned desktop, with NVIDIA graphics hardware acceleration. HDX 3D Pro mode was selected during the installation of the Virtual Delivery Agent (VDA).
What is the maximum number of monitors supported for the Graphic Designers Group?

A. 4
B. 1
C. 2
D. 8

Answer: A

Explanation:
https://support.citrix.com/article/CTX201696

NEW QUESTION 6
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops Service environment in Citrix Cloud. 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	Workday
Description	Workday is an on-demand (web-based) financial management and human capital management application.
Usage	The application will be used by most employees in the organization.
OS Compatibility	The application is compatible with the target operating systems.
Special Considerations	Users must be subscribed to the application. To manage security, the application must be hosted and managed by another vendor and provided to the end user.

The customer has the additional objective of minimizing authentication cycles for users with no configuration efforts on user machines.
How should the architect publish the application?

A. Through the Citrix Gateway Service as a Web/SaaS application
B. Through Citrix Gateway as a Web/SaaS application
C. As a streamed application using Microsoft App-V
D. From Citrix Virtual Apps and Desktops Service

Answer: D

NEW QUESTION 7
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

Answer: B

NEW QUESTION 8
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 9
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 ini 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 10
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

**Answer:** A

Explanation:
https://docs.citrix.com/en-us/citrix-hypervisor/hosts-pools/clustered-pools.html#manage-your-clustered-pool

NEW QUESTION 10
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.
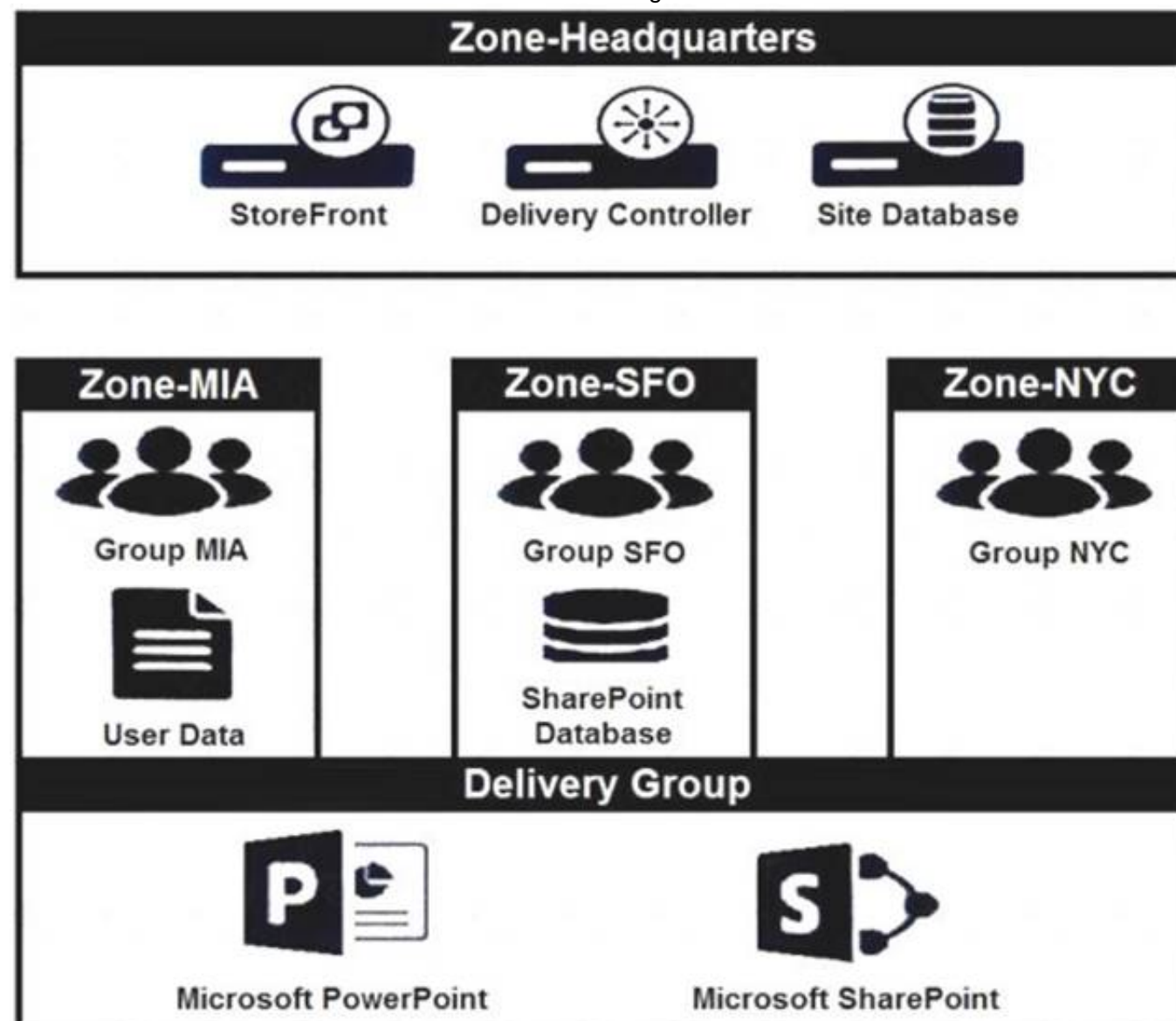
How should the architect ensure that the SharePoint application has optimal performance for all user groups?

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 13
Scenario: A Citrix Architect is designing a pod-based architecture in a Citrix Virtual Apps and Desktops environment. The plan is to create three pods for different Resource Layer types:
-Windows 10 VDI (non-persistent)
-Windows Server 2016 hosted shared desktops (non-persistent)
-Windows 10 VDI (persistent)
Which three components can be shared between the three pods? (Choose three.)

A. Citrix Delivery Controller
B. Citrix StoreFront
C. Citrix License Server
D. Citrix Director
E. Citrix Site Database

Answer: BCD

Explanation:
https://www.citrix.com/blogs/2012/04/25/taking-a-modular-approach-to-xendesktop-design/

NEW QUESTION 14
Scenario: A Citrix Architect is configuring 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 and distributes the user profiles between 3 shares and 9 file servers.

➢ 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$
Which value constitutes a valid path for use with a Citrix Profile Management policy?

A. \\%DataCenter%-FS.company.lan\%UserHome%-Profiles$\#sAMAccountName#\%ProfileVer%\
B. \\%DFS-ROOT%.company.lan\%HomeShare%$\#sAMAccountName#\%ProfileVer%\
C. \\#DataCenter#-FS.company.lan\#DataCenter#-Profiles$\#sAMAccountName#\%ProfileVer%\
D. \\#DFS-ROOT#.company.lan\%HomeLocation%$\#sAMAccountName#\%ProfileVer%\

Answer: C

Explanation:
"You configure the path to the user store as:
\\#l#.userstore.myschools.net\profile\#sAMAccountName#\%ProfileVer%\" https://docs.citrix.com/en-us/profile-management/current-release/plan/multiple-file-servers.html

NEW QUESTION 17
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The Site will contain two Delivery Controllers. All machines are running on a single hypervisor platform. As part of the deployment, management has advised they want a database high-availability (HA) solution to protect the environment against the loss of a physical server.
Additional considerations for the SQL HA:
➢ Downtime for Citrix administrative functions should be minimized.
➢ Additional hardware or resources should be minimized.
➢ Limited knowledge available to configure and maintain SQL infrastructure.
Which HA configuration should the architect use for this deployment?

A. Local Host Cache
B. VM-Level HA
C. SQL Always On
D. SQL Mirroring
E. SQL Clustering

Answer: A

NEW QUESTION 19
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.
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 enterprise-grade, geo- replicated, high-security storage solution is deployed
E. Running simultaneous security scans on different VMs can reduce host resource utilization

Answer: DE

NEW QUESTION 24
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: • 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: • 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

Answer: C

Explanation:
https://docs.citrix.com/en-us/profile-management/current-release/profile-management-best-practices.html

NEW QUESTION 28
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

Answer: B

NEW QUESTION 29
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. As part of graphics-mode design considerations, the architect discovered that one User Group requires a graphics mode that provides both good performance and high image quality.
Which graphics mode should the architect recommend 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: A

Explanation:
Policy named "Optimize for 3D graphics workload", as per
https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/policies/reference/ica-policy-settings/graphics-policy-s This setting configures the appropriate default settings that best suit graphically intense workloads. Enable this setting for users whose workload focuses on graphically intense applications. Apply this policy only in cases where a GPU is available to the session. Any other settings that explicitly override the default settings set by this policy take precedence.. As per https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/policies/reference/ica-policy-settings/visual-displ, the visual quality policy value build to lossless does the following: "Build to lossless - Sends lossy images to the user device during periods of high network activity and lossless images after network activity reduces; this setting improves performance over bandwidth-constrained network connections". So build to lossless is a best fit for combining performance and image quality

NEW QUESTION 33
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. While assessing the existing infrastructure, the architect determined that a number of users utilize legacy USB print devices that they will continue to need locally and within HDX sessions. The current HDX-optimized print virtual channel will NOT support these devices, so the architect decides that the Generic USB redirection channel should be used.
Which two factors must the architect consider when using Generic USB redirection? (Choose two.)

A. It requires more network bandwidth compared to standard HDX virtual channels.
B. Local access to printers will be lost until the HDX sessions is disconnected or ended.
C. Manufacturer printer drivers will need to be installed on user workstations.
D. The Citrix Virtual Channel Software Development Kit (VCSDK) will be required.

E. It is supported for only USB 3.0 devices and features.

Answer: AB

Explanation:
https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/general-content-redirection/usb.html

NEW QUESTION 36
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 41
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The environment will run on 2 Citrix Hypervisor platforms, each consisting of 3 NICs. The company maintains strict security standards for all business data traffic, so the architect is designing and configuring hypervisor network traffic to limit infrastructure vulnerabilities.
How should the architect configure the hypervisor network traffic to provide the best security for the environment?

A. Use 1 physical NIC on the host for management, and a second NIC shared for storage and virtual machines (VMs). Create 2 subnets – 1 for management and the other for storage and VM
B. Confirm that the storage and VMs use a NIC on the same network as the host NIC, and sort traffic between the host and storage/VM with a switch port.
C. Use each physical NIC on the hosts – 1 for management, 1 for storage, and 1 for the virtual machines (VMs). Create 2 subnets – 1 for management and the other for storag
D. Confirm that the VMs use a NIC for guest traffic on a separate network, and connect all networks to separate network switches.
E. Use each physical NIC on the hosts – 1 for management, 1 for storage, and 1 for the virtual machines (VMs). Keep all traffic on a single subne
F. Confirm that the VMs use a NIC for guest traffic on the same network as the host NIC, and sort the traffic between the host and VMs with switch port.
G. Use 1 physical NIC on the host for management, and a second NIC shared for storage and virtual machines (VMs). Keep all traffic on a single subne
H. Confirm that the storage and VMs use a NIC on the same network as the host NIC, and sort the traffic between the host and storage/VM with a switch port.

Answer: B

NEW QUESTION 43
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.
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.

Answer: A

NEW QUESTION 47
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 48
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 50
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 51
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.

Answer: D

NEW QUESTION 55
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.
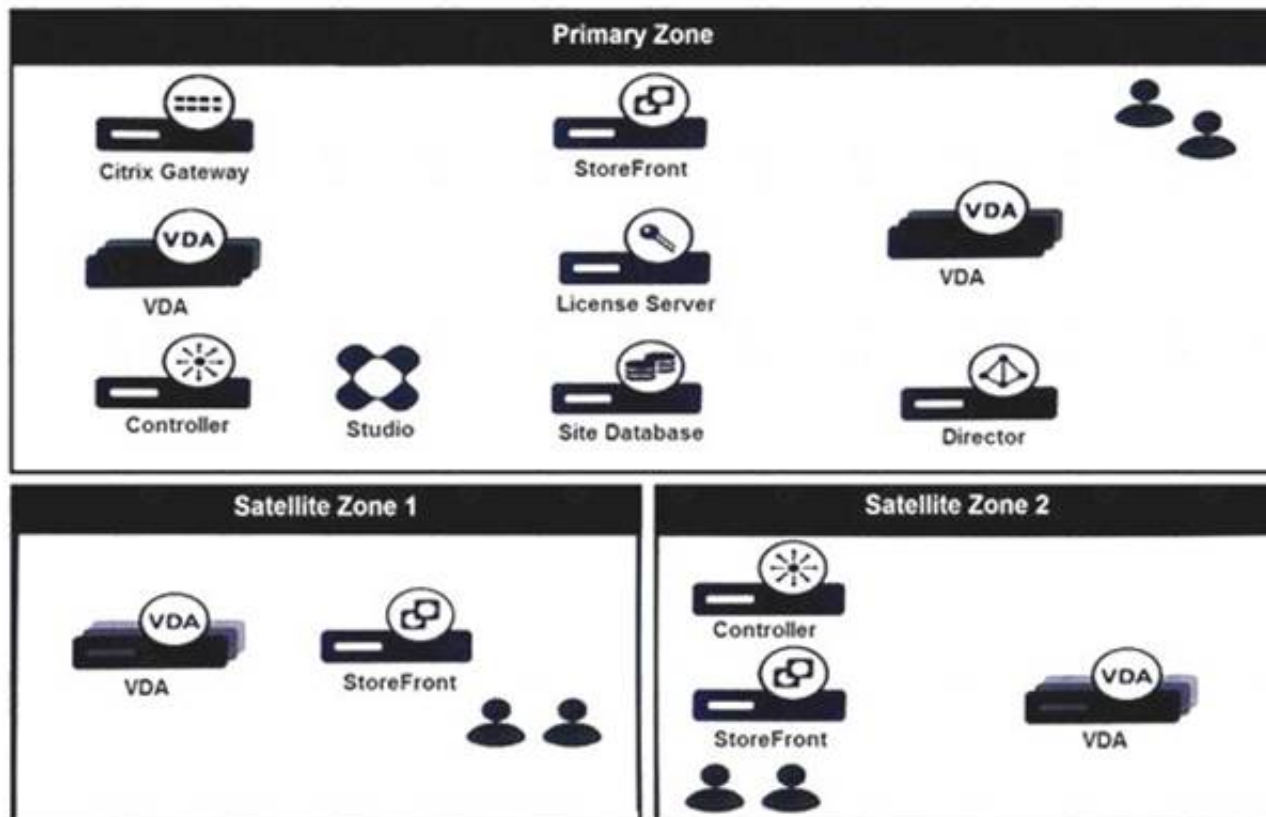
Which statement is correct if the Delivery Controller in Satellite Zone 2 fails?

A. Virtual Delivery Agent (VDA) machines in Zone 2 will register within the Primary Zone
B. Virtual Delivery Agent (VDA) machines in Zone 2 will register within Satellite Zone 1
C. Virtual Delivery Agent (VDA) machines in Satellite Zone 2 will NOT register
D. Virtual Delivery Agent (VDA) machines will register using the Local Host Cache (LHC)

Answer: A

NEW QUESTION 58
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The architect has identified the requirements, based on the assessment and early stages of the design.
Click the Exhibit button to view the requirements.

Design Topic	Design Decision
Deployment type	Public Cloud – Microsoft Azure
Licensing	Citrix Virtual Desktops Platinum Edition; User/Device Licenses
Maximum Concurrent Users	1,000

Images	• Windows Server 2016 – 1
	  ○ FlexCast Model: Published Apps
	• Windows Server 2016 – 2
	  ○ FlexCast Model: Published Desktops
	• Windows 10
	  ○ FlexCast Model: Hosted VDI (Static and Persistent)

User Applications	• Microsoft Office 2016: All Users • Adobe Acrobat: All Users • Internal Sales Application: Sales Group (500 Users) • Mozilla Firefox: Developers Group (200 Users) • Microsoft Office 2010: Accounting Group (50 Users) • Human Resources (HR) App: HR Managers Only (15 Users)

Additionally, the IT team identified 2 provisioning strategy requirements:
≫ Should be compatible with planned design decisions
≫ Should minimize required time to perform image and application updates
Which provisioning method should the architect use for the environment, based on the design decisions and requirements shown in the exhibit?

A. Machine Creation Services (MCS) with App Layering
B. Manual Provisioning with App Layering
C. Manual Provisioning
D. Citrix Provisioning with App Layering
E. Citrix Provisioning
F. Machine Creation Services (MCS)

Answer: A

Explanation:
MCS combined with AppLayering provides the highest level of automation and least amount of administrative effort.

NEW QUESTION 62
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The architect's objective is to create a configuration to automatically reroute network traffic to the second NIC within the bond. The goal is to avoid a loss of productivity should the primary Citrix Hypervisor host NIC fail. Each hypervisor currently consists of a single, active 10 GB NIC and a second, dormant 1 GB NIC.
Which two network interface configurations should the architect implement? (Choose two.)

A. Active-passive (LACP)
B. Active-active (SLB)
C. NIC teaming-bonding
D. Active-active (LACP)

Answer: AC

Explanation:
https://docs.citrix.com/en-us/citrix-hypervisor/networking.html.

NEW QUESTION 67
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 72
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

Answer: D

NEW QUESTION 75
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 80
Which access component will support anonymous access within a new environment?

A. Citrix StoreFront
B. Citrix Gateway Service

C. Citrix ADC
D. Citrix Workspace

Answer: A

NEW QUESTION 85
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.
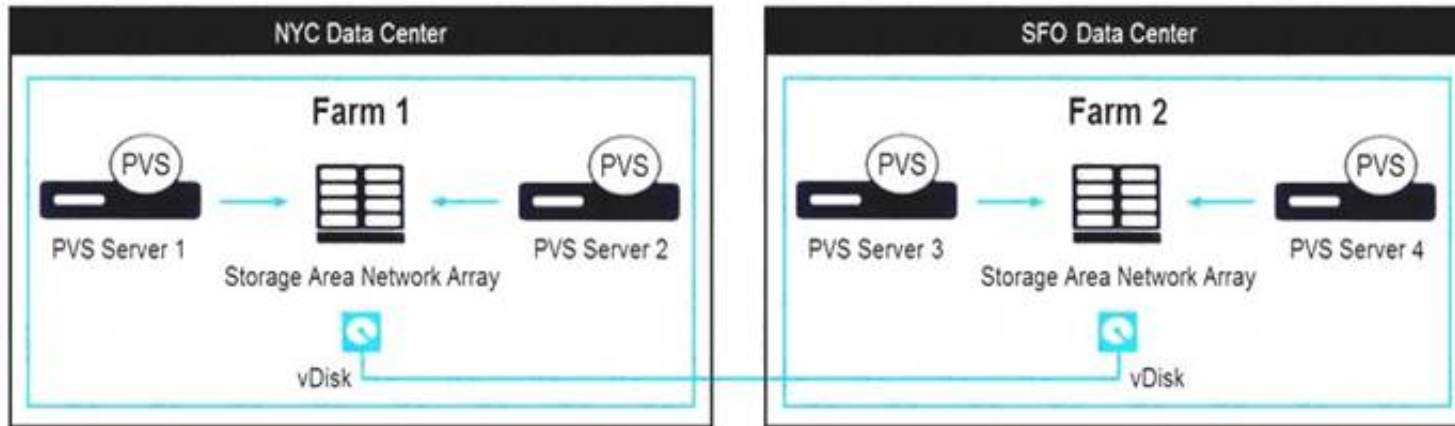
Overall, the customer has identified 3 objectives for the image-replication process:

⟩ 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 89
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 93
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

Answer: C

Explanation:
https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/overview#:~:text=Azure%20virtual%20mach

NEW QUESTION 94
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

Answer: BE

NEW QUESTION 95
Scenario: A Citrix Architect needs to support a Citrix Virtual Apps and Desktops environment with 2 data centers. App Layering is being used to create layered images that are used by the Virtual Delivery Agent (VDA) machines in both data center locations. To comply with disaster recovery (DR) requirements, administrators must be able to modify and deploy layered images from either data center if needed.
Which statement correctly describes the process that the architect must follow to meet the requirements?

A. All required layers should be exported from the first Enterprise Layer Manager using the hypervisor hosting the machine, then imported to the hypervisor resource pool in the secondary data center.
B. All required layers should be copied from the first Enterprise Layer Manager to the second Enterprise Layer Manager using Microsoft Distributed File System Replication (DFSR)
C. All required layers should be exported from the first Enterprise Layer Manager to an SMB file share, and then imported into the second Enterprise Layer Manager.
D. All required layers should be copied from the first Enterprise Layer Manager to the second Enterprise Layer Manager using RoboCopy commands

Answer: B

NEW QUESTION 99
A Citrix Architect is designing the Access Layer for a company that supports active-active mode for Citrix Gateway, as well as an on-premises, two-factor authentication solution.
Which feature supports this requirement?

A. Citrix ADC Standard edition or higher
B. Citrix ADC Cluster
C. High-availability pair
D. Citrix Gateway Service

Answer: A

NEW QUESTION 101
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

Answer: B

NEW QUESTION 103
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

NEW QUESTION 108
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 112
Scenario: An infrastructure team has stated that the new Citrix Virtual Apps and Desktops virtualization host will have the specifications shown in the exhibit.
Click the Exhibit button to view the specifications.

CPU	4 sockets, 12 cores with hyper-threading
RAM	512 GB

The design document calls for the VMs to have 2 CPUs and 4 GB RAM. Approximately how many virtual desktops can be hosted an each physical server?

A. 190
B. 240
C. 120
D. 60

Answer: B

Explanation:
https://docs.citrix.com/en-us/tech-zone/design/design-decisions/single-server-scalability.html#scalability-factors

NEW QUESTION 115
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 120
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: • 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

Answer: B

NEW QUESTION 124
Scenario: The IT team of a company needs to mitigate the Hardware Layer to Microsoft Azure. The Virtual Delivery Agent (VDA) machines are manually provisioned within Microsoft Azure. The IT team asks a Citrix Architect for a solution for high availability of existing VDA machines in a single Azure data center. The objective is to be proactive about any hardware failure at Microsoft Azure, so that all virtual machines (VMs) will NOT be affected.
What should the architect recommend the IT team create in Microsoft Azure?

A. Resource group
B. Availability sets with fault domain
C. Availability sets with update domain
D. Availability zones

Answer: D

NEW QUESTION 129
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.
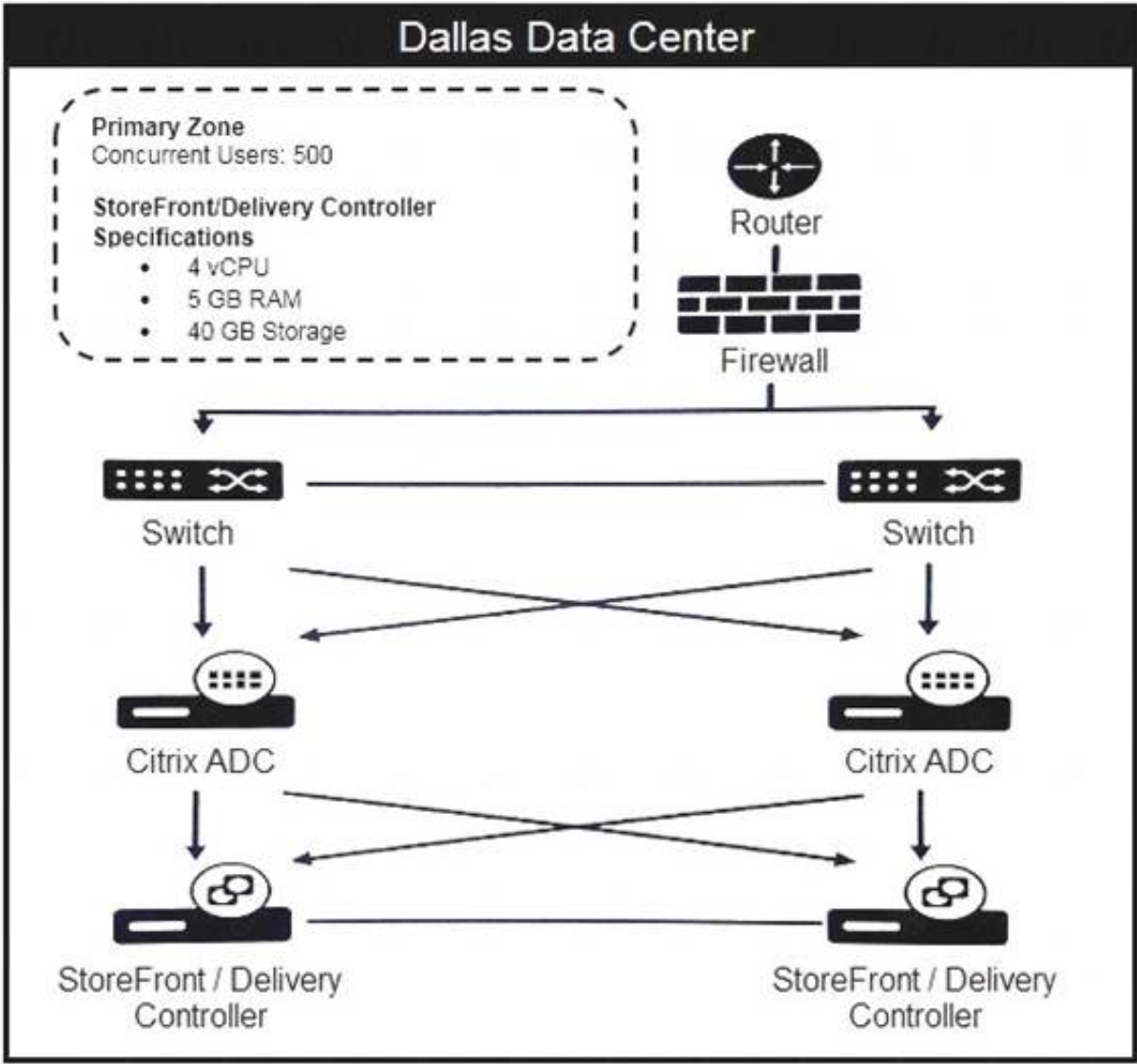
What should the architect change in the current environment to align with Citrix leading practices?

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 134
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 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	Visual Studio
Description	The application is used to develop computer programs, websites, web apps, web services, and mobile apps.
Usage	The application will be used by developers working in the organization.
OS Compatibility	The application is compatible with the target operating systems.
Special Considerations	The users are internal and external contractors, third-party collaborators, and other provisional team members who do NOT require offline access to the application. The application contains a number of Windows services.

The customer's security policies mandate that all development software must run within the corporate data center, but should appear to the user as if it is running locally on the virtual machine (VM).
How should the architect recommend deploying the application?

A. Use Desktop OS machines to deliver VM hosted applications.
B. Install it directly on the endpoint devices, and include it in a virtual desktop session using the Local App Access feature.
C. Install it in an Application Layer using Citrix App Layering, then present it to users as an Elastic Layer during a virtual a virtual desktop session.
D. Stream it to a VDA machine using Microsoft App-V, and access it through a virtual desktop session.
E. Push it to users with a Workspace Environment Management (WEM) action option.

Answer: D

NEW QUESTION 136
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	40	1
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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. 64
C. 96
D. 24
E. 16

Answer: D

Explanation:
https://docs.citrix.com/en-us/tech-zone/design/design-decisions/single-server-scalability.html#scalability-factors

NEW QUESTION 138
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