



**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 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 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 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 8**

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.

Requirement	Detail
Number of Users	2,000
Data Centers	One on-premises data center
Available Hardware	Available hardware is limited, as all servers are in use at nearly full capacity.
Administrative Team	Three dedicated Citrix Administrators will be supported by the IT team members who are mostly at full capacity with maintenance and change tickets.
Level of Desired Control	Basic
Additional Considerations	The new solution should be highly available, where possible, and within a responsible financial budget.

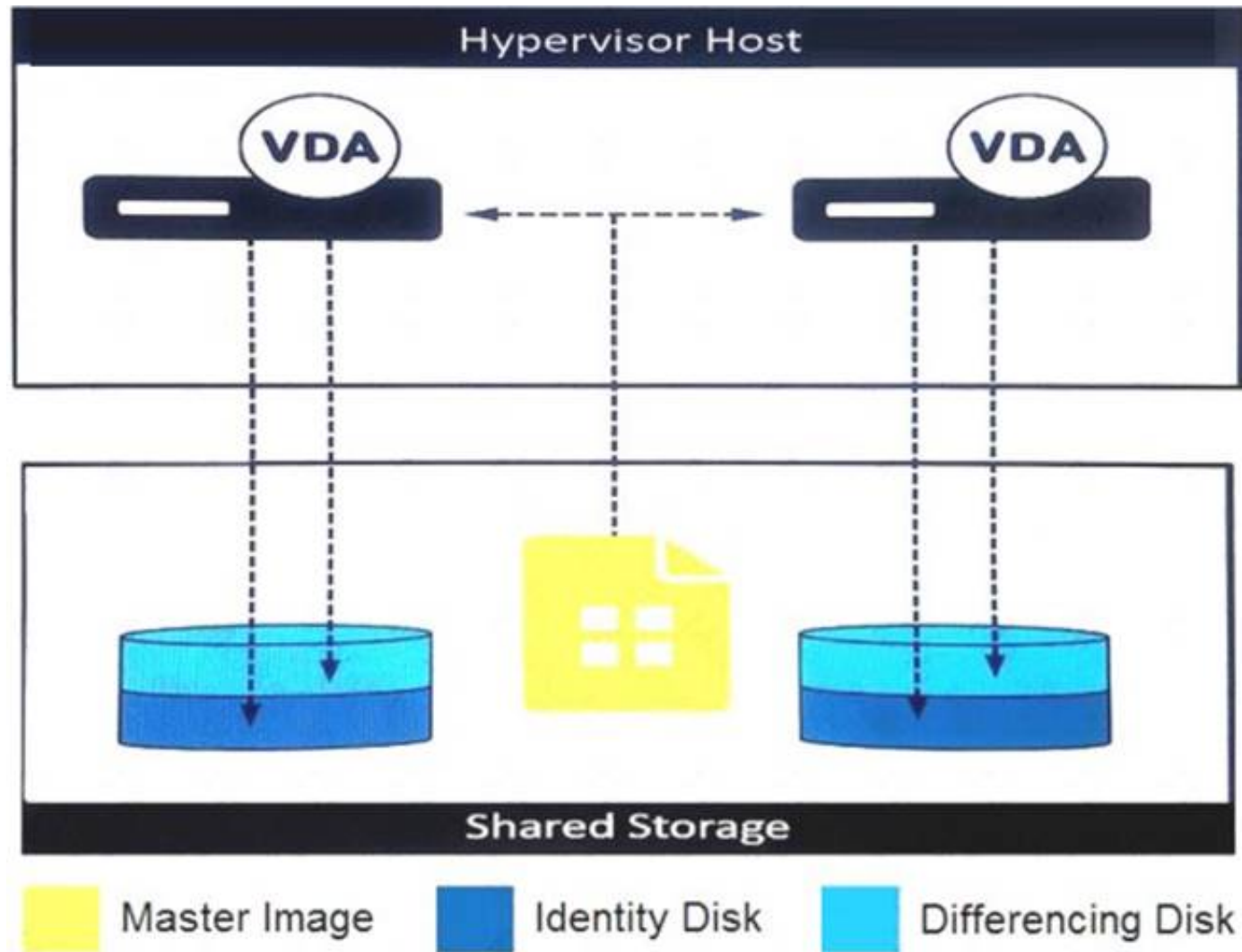
Which delivery model should the architect recommend?

- 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

**Answer:** A

#### NEW QUESTION 9

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



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

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

**Answer:** AB

#### NEW QUESTION 10

A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The IT team maintains 12 Citrix Hypervisor hosts that are available to build the



new Citrix environment. During the project kickoff meeting, management states:

"We need a robust infrastructure that can handle large user loads, improve IT efficiency, guarantee minimal downtime, and protect the network and its resources from corruption."

Click the Exhibit button to view the existing infrastructure details.

Hardware/Network	Details
Citrix Hypervisors	Heterogeneous hosts use the same software version and patch levels.
Resource: CPU, Memory, etc.	Uses the same CPU vendor and similar CPU models, with each host containing 128 GB RAM.  Local storage of 100 GB is available.
Network Storage	Network File System (NFS) is used for file storage.  Linux GFS2 shared block storage is used for the hypervisor hosts.
Network	All hosts are on the same subnet, with similar static IP range on the management port.
Virtual Machines (VMs)	Virtual disks are on shared storage.  No local DVD drive is configured.

Which configuration should the architect use to meet the requirements for the new Citrix environment?

- A. Create multiple resource pools with at least 3 hosts in each pool for the infrastructure and Citrix workloads, and enable high availability with clustered pools using local storage repositories.
- B. Create a single resource pool containing all hosts for the infrastructure and Citrix workloads, and enable default high availability using GFS2 as the heartbeat storage repository.
- C. Create a single resource pool containing all hosts for the infrastructure and Citrix workloads, and enable default high availability using NFS as the heartbeat storage repository.
- D. Create multiple resource pools with at least 3 hosts in each pool for the infrastructure and Citrix workloads, and enable high availability with clustered pools using GFS2 as the heartbeat storage repositories.

**Answer: D**

**Explanation:**

"In clustered pools, the heartbeat SR must be a GFS2 SR" <https://docs.citrix.com/en-us/citrix-hypervisor/hosts-pools/clustered-pools.html>

**NEW QUESTION 10**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment for a company that will utilize Citrix Provisioning as a solution to deploy Virtual Delivery Agent (VDA) machines. After reviewing the existing infrastructure, the architect determined that VDA machines are all on the same network subnet, and are a mixture of Unified Extensible Firmware Interface (UEFI)-based technology and legacy BIOS- based virtual machines (VMs). Management has specified that the proposed solution should be configurable from a central location without the need to create new catalogs or device collections.

Which three target device boot methods can the architect recommend for this deployment? (Choose three.)

- A. BIOS-embedded
- B. BDM disk partition
- C. DHCP options
- D. BDM ISO
- E. PXE

**Answer: CDE**

**NEW QUESTION 11**

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 12

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 15

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 16

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 storage
- 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 subnet
- 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 subnet
- 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 20

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 22

Scenario: A Citrix Consultant is designing a new Citrix Virtual Desktops environment. During the user segmentation process, a Citrix 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 25

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 27

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 28

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

Answer: B

#### NEW QUESTION 29

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 32

Scenario: A Citrix Architect is designing a new infrastructure that will use Citrix Virtual Apps and Desktops to deploy applications in New York, Chicago and Seattle data centers. All 3 data centers will be active simultaneously.

Which feature should the architect recommend to connect the remote users to the closest or best-performing data center?

- A. Global Server Load Balancing
- B. StoreFront Resource Aggregation
- C. Zone Preference and Failover
- D. Optimal Gateway Routing

**Answer:** A

#### NEW QUESTION 33

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 35

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 38



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 41

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 43

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 48

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 50

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 52

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Currently, the environment is configured as 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 configuring subscription synchronization to retain applications added to Favorites?

- A. Within server groups of each Site
- B. Between stores across the Sites
- C. Between server groups across the Sites
- D. Within stores of each Site

**Answer:** C

**Explanation:**

<https://docs.citrix.com/en-us/storefront/1912-ltsr/plan/high-availability-and-multi-site-configuration.html#subscr>

**NEW QUESTION 55**

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

**Answer:** B

**NEW QUESTION 56**

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment for a marketing and design company. One department uses several 3D applications based on OpenGL. These applications run as hosted applications within a single virtual machine (VM) running on a single Citrix Hypervisor host. The host is configured with 2 physical GPUs running NVIDIA GRID technology. Which HDX 3D Pro method should the architect use for these 3D applications?

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

**Answer:** B

**NEW QUESTION 61**

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 65**

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.

Category	Detail
Application Name	Enterprise Vault
Application Description	<p>The application is used to archive from various sources such as Microsoft Exchange (2003, 2007, 2010, 2013, and 2016), SMTP, IBM Domino, Microsoft SharePoint, and various file systems.</p> <p>It has the ability to store on multiple storage platforms, such as NTFS, NetApp, Centera, SMB, and WORM.</p> <p>Data archived is indexed, classified, deduplicated, and securely stored.</p>
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 need to launch the published Outlook application and click on the Enterprise Vault tab to open the application files.
Issue Description	When testing the application using local and roaming profiles, there are no issues; however, Citrix Profile Management users lose their data after logging off.

Which Citrix Profile Management configuration could help the architect address the issue referenced in the exhibit?

- A. Enable Cross-platform
- B. Add the application folder to the Inclusion policy
- C. Add the application folder to the Exclusion policy
- D. Enable Active write back

**Answer:** D

#### NEW QUESTION 66

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 68

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"> <li>• Contacts</li> <li>• Desktop</li> <li>• Downloads</li> <li>• Favorites</li> <li>• My Documents</li> </ul>	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 71

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

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

- A. Use Citrix Cloud Gateway service and Citrix Cloud Workspace.



- B. Set up Citrix ADC with bring-your-own license (BYOL) and StoreFront in a public cloud.
- C. Set up Citrix ADC VPX and StoreFront on premises.
- D. Use Citrix Cloud Gateway service and on-premises StoreFront.

**Answer: C**

#### NEW QUESTION 76

After reviewing a Proof of Concept (PoC) environment for Citrix Virtual Apps and Desktops, the corporate security team advises that user access to Regedit, command line, and PowerShell must be disabled.  
 Which technology can a Citrix Architect use to address this requirement with the least amount of effort?

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

**Answer: E**

#### Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/reference/environmental-setti>

#### NEW QUESTION 81

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 83

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
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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 87**

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