



# 1Y0-402<sup>Q&As</sup>

Citrix XenApp and XenDesktop 7.15 Assessment, Design and Advanced Configurations

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## QUESTION 1

Scenario: A Citrix Architect needs to design a new XenApp and XenDesktop 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 VIM	VMs per Host	Users per VM
User Group 1	Scalability	Desktop	Heavy	4:1	2	56	1
User Group 2	User experience	Server	Medium	1:5:1	16	18	20
User Group 3	Scalability	Desktop	Medium	6:1	2	40	1
User Group 4	Scalability	Server	Medium	1:5:1	6	27	20

The architect should scale the hardware used to host the VMs for User Group 1 to \_\_\_\_\_ GB of RAM. (Choose the correct option to complete the sentence.)

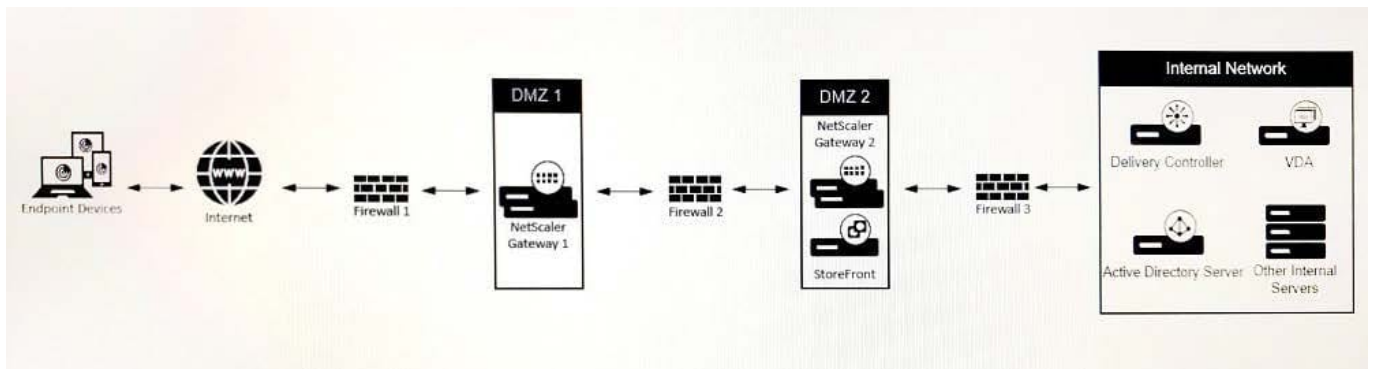
- A. 256
- B. 128
- C. 384
- D. 196
- E. 64

Correct Answer: C

## QUESTION 2

Scenario: A Citrix Architect wants to set up double-hop access for an existing XenApp and XenDesktop Site. All communication across DMZ 1, DMZ 2, and the Internal Network is encrypted over port 443. The architect has proposed the design shown in the Exhibit, where DMZ 1 has NetScaler Gateway 1 and DMZ 2 has NetScaler Gateway 2 and StoreFront.

Click the Exhibit button to view the design.



Which two sets of ports should the architect request to enable on Firewall 2?

- A. Port 443 outbound and Port 1494/2598 inbound
- B. Port 443 outbound and Port 80 inbound
- C. Port 443 outbound and Port 443 inbound
- D. Port 443 outbound and Port 389/636 inbound

Correct Answer: D

### QUESTION 3

Scenario: While assessing the User Layer, a Citrix Architect finds that most of the internal users connect using corporate-owned laptops, desktop devices, and thin clients. Many of these laptops and desktop devices are running Windows 10, while the remainder of the machines are running Windows 7 and are in the process of being migrated to Windows 10. Some users also connect using personal devices.

Currently, Citrix Receiver is manually installed on any endpoint device added to the company. All these devices use Citrix Receiver version 4.8 and above. The IT team is planning to automate a process to update all the devices with the latest version of Citrix Receiver and to automate another process for automatic installation of Citrix Receiver without incurring extra costs and maintenance.

What should the architect recommend to upgrade Citrix Receivers for internal Windows endpoints?

- A. The use of deployment tools for internal endpoints.
- B. The deployment of Enterprise software.
- C. Configure Receiver auto-updates through Citrix Cloud.
- D. Edit the Web.config file and set upgradeAtLogin to True.

Correct Answer: A

### QUESTION 4

Scenario: IT management has decided which server hardware model to use for new XenApp and XenDesktop Sites and needs guidance on sizing the Hardware Layer.

Click the Exhibit button to view the host details.



Host Details	
Host Model	UCS B200 M4
Sockets	2
Cores per Socket	8
RAM	320 GB
Hyper Threading	Enabled
Storage	SAN storage
CPU over-subscription ratio	1.5:1

A Citrix Architect is planning to install XenServer 7.x on this host which will be used to host only XenApp servers.

How many vCPUs should be consumed to deploy XenApp servers with high performance, considering the over-subscription ratio?

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

Correct Answer: C

#### QUESTION 5

Scenario: A Citrix Architect needs to design a new XenDesktop environment for a client who does NOT currently have a Citrix environment. The project scope has NOT yet been determined, and the architect is about to start the Assess phase of the project.

In which order should the architect complete the four tasks of a typical assessment when following the Citrix methodology?

- A. Define the organization, Define the user groups, Define the applications, Define the project team.
- B. Define the user groups, Define the applications, Define the organization, Define the project team.
- C. Define the project team, Define the organization, Define the user groups, Define the applications.
- D. Define the organization, Define the project team, Define the user groups, Define the applications.

Correct Answer: D

#### QUESTION 6

Scenario: A Citrix Architect needs to implement a new XenDesktop environment for an engineering company. The IT team has purchased 1,000 XenDesktop Enterprise licenses. They will deploy Microsoft Office productivity applications



to all users. Users access XenApp sessions from company offices using thin client devices and remotely through NetScaler Gateway using personal devices.

The company requires IT to produce a report of all XenApp sessions and connection failures for the previous month.

Which two actions does the architect need to take to support these requirements? (Choose two.)

- A. Implement NetScaler Management and Analytics System (MAS).
- B. Configure GroomFailuresRetentionDays to 31 days.
- C. Configure GroomSessionsRetentionDays to 31 days.
- D. Purchase NetScaler Gateway Universal licenses.
- E. Purchase XenDesktop Platinum licenses.

Correct Answer: AB

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#### QUESTION 7

Scenario: A Citrix Architect is using LDAP as single-factor authentication. The architect is migrating the environment to Citrix Cloud and wants to retain the same authentication procedure for XenApp and XenDesktop service in Citrix Cloud.

Which deployment strategy should the architect use for NetScaler and StoreFront to ensure that the solution reduces management overhead without incurring additional costs?

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

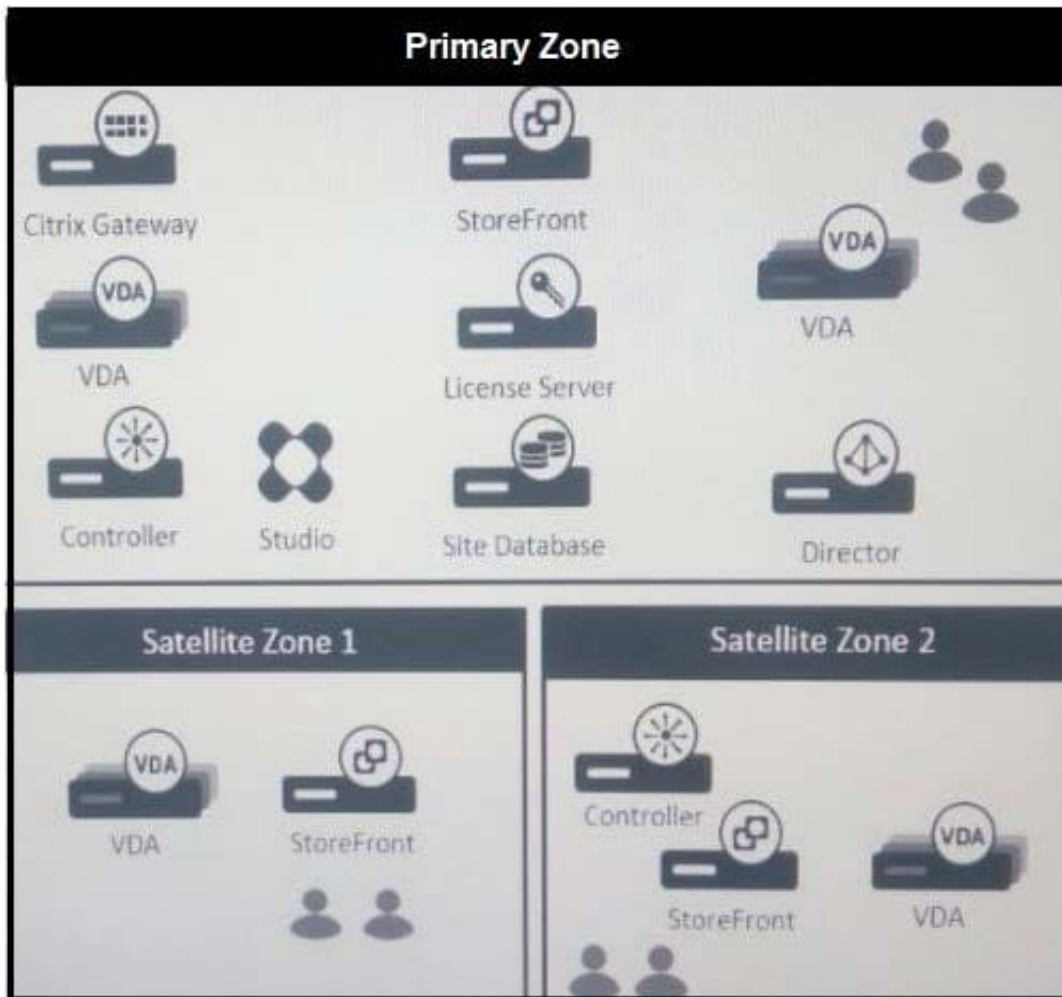
Correct Answer: A

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#### QUESTION 8

Scenario: A Citrix Architect needs to access a XenApp and XenDesktop environment. The XenApp and XenDesktop diagram in the Exhibit gives details about the current Site and Zone design.

Click the Exhibit button to view the diagram.



Which statement is correct if all the Delivery Controllers in Satellite Zone 2 fail?

- 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 will register using the Local Host Cache
- D. Virtual Delivery Agent (VDA) machines in Satellite Zone 2 will NOT register

Correct Answer: D

#### QUESTION 9

Scenario: A Citrix Architect needs to design a new XenApp and XenDesktop environment. While designing Universal Print server (UPS) for the customer, the architect is asked to ensure that the UPS design can handle 500 simultaneous print jobs per minute.

What must the architect deploy to support the load estimated by the customer?

- A. Two UPS servers and configure UPS for load balancing policy





- B. Ten UPS servers and configure UPS for load balancing policy
- C. Five UPS servers and configure NetScaler load balancing
- D. Two UPS servers and configure NetScaler load balancing
- E. Five UPS servers and configure UPS for load balancing policy
- F. Ten UPS servers and configure NetScaler load balancing

Correct Answer: E

### QUESTION 10

Scenario: A Citrix Architect needs to design a new XenApp and XenDesktop environment.

The architect has identified the Resource Layer requirements shown in the Exhibit.

Click the Exhibit button to view the requirements.

User Group	Do user settings need to persist?	Assigned FlexCast model	Access required to profile folders?	Additional Requirements
Accountants	Yes	Published apps	No	No
Executives	Yes	Remote PC	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>	Profile data should be preserved even if resource machine fails.  Solution must NOT require anything to be installed on the Remote PCs.
Graphic Designers	Yes	Hosted VDI (Static / persistent, uses vGPU)	Yes, the following folders should be available: <ul style="list-style-type: none"><li>• Contacts</li><li>• Desktop</li><li>• Favorites</li><li>• My Documents</li><li>• My Pictures</li><li>• My Videos</li></ul>	Need to ensure application data is NOT lost if the application crashes
Customer Service	No	Published Desktop (Server OS)	No	No

Which feature of Citrix Profile Management could help the architect address the Graphic Designers group requirements?

- A. Profile caching
- B. Profile streaming



- C. File exclusions
- D. Active Write Back

Correct Answer: D

#### QUESTION 11

Scenario: A Citrix Architect needs to design a new XenApp and XenDesktop environment. The customer is interested in using Machine Creation Services with App Layering in the environment.

Which consideration would result in the architect recommending that the customer use a different image and application management approach?

- A. The environment must use XenApp Enterprise concurrent licensing.
- B. PXE is required for non-Citrix machines in the networks which will support the Virtual Delivery Agent (VDA) machines.
- C. Microsoft Hyper-V hosts must be used to host the Virtual Delivery Agent (VDA) machines.
- D. The machines must use an existing SAN deployment.
- E. The images must be deployed to physical machines.

Correct Answer: A

#### QUESTION 12

Scenario: While assessing User Layer, a Citrix Architect finds that most of the internal users connect using corporate-owned laptops, desktop devices, and thin clients. Many of these laptops and desktop devices are running Windows 10, while the remainder of the machines are running Windows 7 and are in the process of being migrated to Windows 10. Some users also connect using personal devices.

Currently, Citrix Receiver is manually installed on any endpoint device added to the company. All these devices use Citrix Receiver version 4.8 and above. The IT team is planning to automate a process to update all the devices with the latest version of Citrix Receiver and to automate another process for automatic installation of Citrix Receiver without incurring extra costs and maintenance.

The architect needs to identify which type of Citrix Receiver to recommend for 25 task workers in a remote location where installation of Citrix Receiver is NOT possible. The workers do NOT require any device mappings.

Which type of Citrix Receiver should the architect recommend?

- A. Native receiver
- B. Receiver for Web
- C. Receiver for Chrome
- D. HTML 5

Correct Answer: B





### QUESTION 13

Scenario: A Citrix Architect needs to design a new XenApp and XenDesktop environment. The following design requirements have been identified:

External Partner users should be denied access to published resources unless connecting from a corporate laptop running up-to-date antivirus software.

External users and partners authenticate using Two-Factor authentication.

External employees are logged off Citrix Receiver for Web after 10 minutes of inactivity.

Clipboard mapping is enabled for external engineering users.

Once authenticated to a company device, internal users do NOT authenticate a second time to access published apps and desktops.

Later in the Assess phase, the architect creates the Access Matrix shown in the Exhibit.

Click the Exhibit button to view the Access Matrix.

User Group	Location	Device Type	Hidden Resources	Authentication Type	Timeouts (minutes)	Client Redirection	Drive/ Printer Mapping	SmartAccess/ SmartControl Policies	SmartAccess/ SmartControl Actions
HR	Internal	Corporate laptop	None	Pass-through	20 StoreFront No session 20 idle 180 disconnect	Audio LPT	All fixed drives  All client printers	None	None
Partners	External	Corporate laptop	None	Two-Factor	10 StoreFront No session 10 idle 180 disconnect	Disabled	Disabled	Domain-joined Up-to-date antivirus	None
Call Center	Internal	Thin client (WEM)	None	Pass-through	20 StoreFront No session 20 idle No disconnect	Local drives Printing Clipboard Audio COM port USB TWAIN LPT	All fixed drives  All client printers	None	None
Engineering	External	Personal device	All published resources except for Microsoft Office hosted apps	Two-Factor	10 StoreFront No session 10 idle No disconnect	Printing Clipboard	Disabled	User is member of Engineering group on an external connection	Hide all published resources except for Microsoft Office hosted apps
Sales	External	Personal device	None	Username & password	10 StoreFront No session 20 idle 180 disconnect	Local drives Printing Clipboard Audio COM port USB TWAIN LPT	All fixed drives  All client printers	None	None



During the quality assurance review, the architect determines that one of the user groups does NOT align with the design requirements.

Which user group should the architect modify to match the design requirements identified?

- A. HR
- B. Engineering
- C. Call Center
- D. Partners
- E. Sales

Correct Answer: C

#### QUESTION 14

Scenario: A Citrix Architect needs to create a conceptual architecture for a XenApp and XenDesktop environment on behalf of a marketing firm. Based on some initial discussions around the firm's business goals and objectives, the architect has collected the information as shown in the Exhibit.

Click the Exhibit button to view the information.

Requirement	Detail
Number of users	300
Datacenters	One server room in the headquarters building
Available hardware	None; firm is in the process of decommissioning old servers
Administrative Team	1 general IT systems administrator
Level of control desired	Low level of control
Additional considerations	Minimize the deployment and maintenance time required for the environment

Which delivery model should the architect recommend?

- A. Single-Site in Citrix Cloud, single public cloud resource location
- B. Multi-Site, single-zone, multiple public cloud resource locations
- C. Multi-Site, single on-premises datacenter
- D. Single-Site in Citrix Cloud, single on-premises resource location
- E. Single-Site, single-zone, single on-premises datacenter

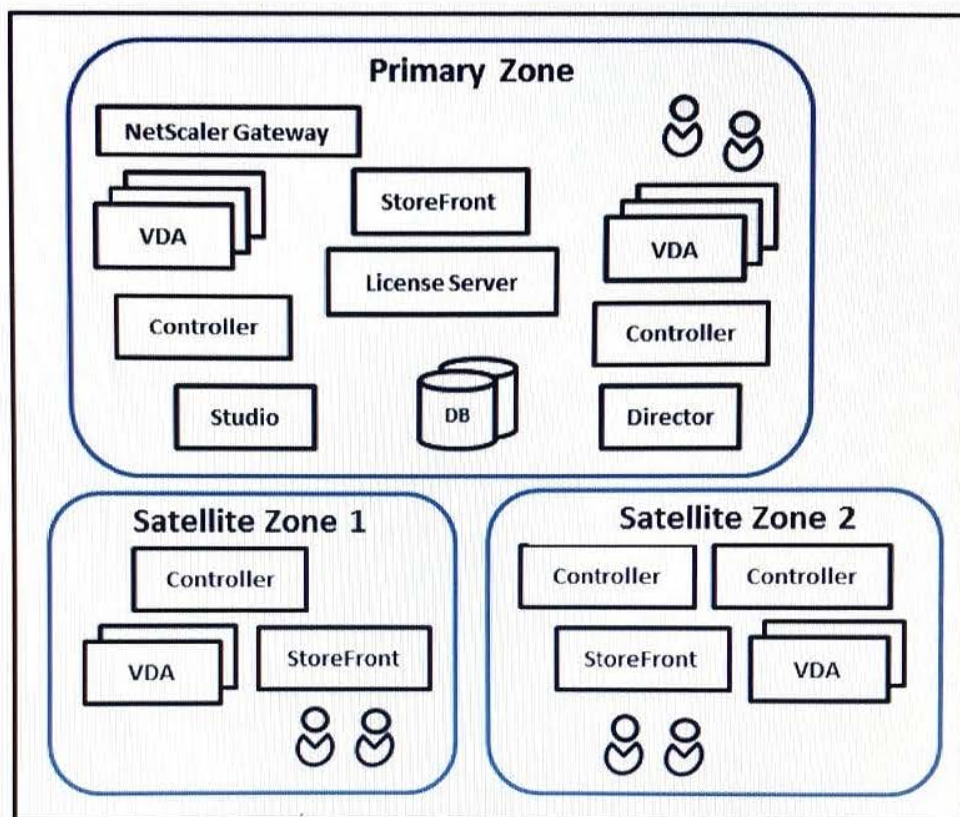
Correct Answer: A

#### QUESTION 15



Scenario: A Citrix Architect needs to assess a XenApp and XenDesktop environment. The XenApp and XenDesktop diagram in the Exhibit gives details about the current Site and Zone design.

Click the Exhibit button to view the diagram.



Zone	Location	# VDA	Network	Latency
Primary Zone	New York	6,000	Dublin	100ms
			Hong Kong	300ms
Satellite Zone 1	Dublin	1,000	New York	100ms
			Hong Kong	100ms
Satellite Zone 2	Hong Kong	4,000	Dublin	100ms
			New York	300ms



What should the architect recommend based on the current Site and Zone design?

- A. Add an additional Delivery Controller to the Primary Zone.
- B. Replace Satellite Zone 2 with a separate XenDesktop Site.
- C. Add additional StoreFront servers to Satellite Zone 2.
- D. Replicate the XenDesktop Site database to Satellite Zone 2.

Correct Answer: A

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