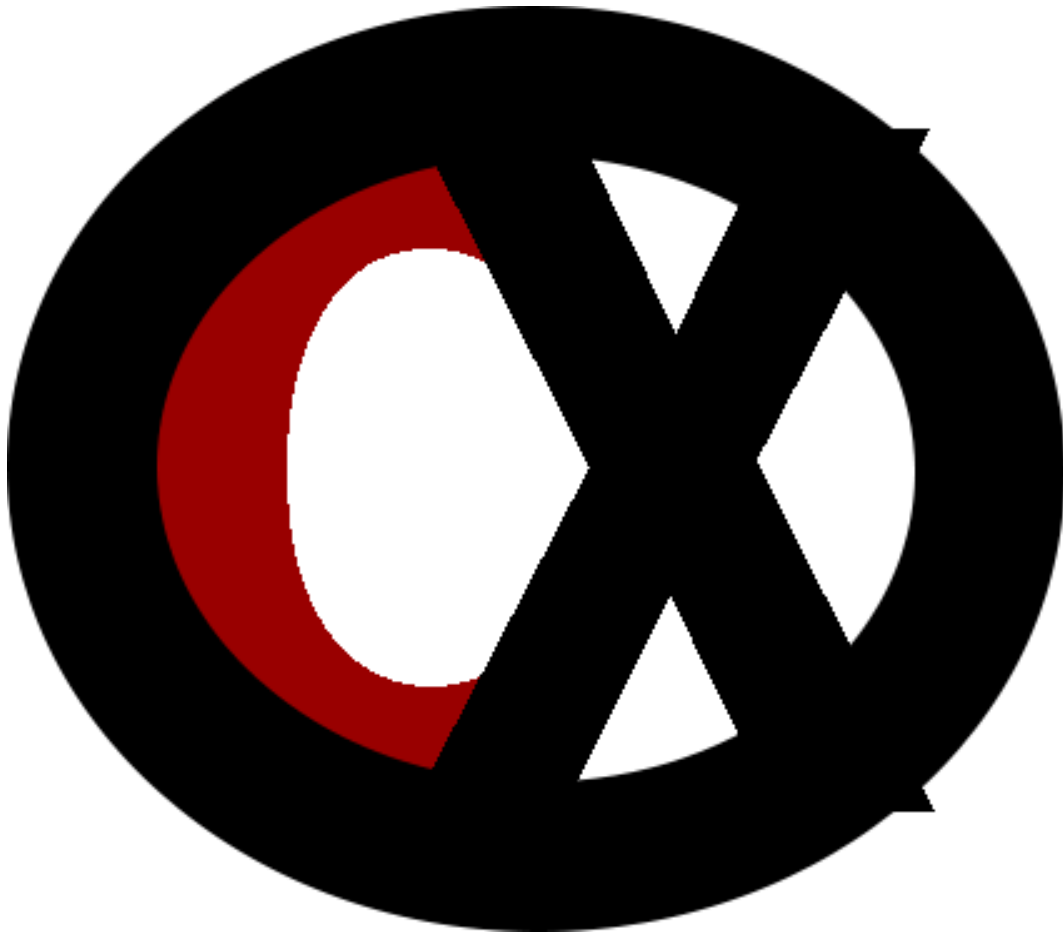


**1Y0-402 Citrix XenApp and XenDesktop  
7.15 Assessment, Design and Advanced  
Configurations Practice Exam Demo**



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### Section 1: Design Methodology and Readiness Assessment

#### 1.3

**Objective: Determine how to categorize applications based on a scenario.**

1. **Scenario:** A Citrix Architect performed an application assessment in a company's XenDesktop environment. The architect found 1550 applications installed in the environment. Most of the applications were non-business applications such as games, messaging applications, screen savers, and media players installed by users who were given administrative rights to their desktops.

After the assessment, administrators removed the non-business applications and reduced the number to 110 applications.

The architect used the application \_\_\_\_\_ practice during the assessment phase of the XenDesktop environment to find the non-business applications. (Choose the correct option to complete the sentence.)

- a. owners
- b. inventory
- c. consolidation
- d. dependencies

Answer: b.

Explanation: Applications which are not required by the business should be removed from the application inventory to reduce resource requirements

and to help simplify the overall project. Non-business related applications are typically found in an application inventory when users have been provided with the ability to install their own applications and typically include games, communication clients, screen savers, peripheral software, and media players.

Source: Citrix Virtual Desktop Handbook 7.x

<http://support.citrix.com/article/CTX139331>

## Section 2: User Layer and Connectivity

### 2.3

**Objective: Determine the appropriate graphics protocol to implement in order to ensure network connectivity.**

2. **Scenario:** A Citrix Architect needs to design a new XenApp and XenDesktop environment. The architect has determined the Accountants user group FlexCast model:

Network: LAN

Desktop: Windows 7

Endpoint: Corporate-owned

Virtual Desktop: Pooled VDI

Other: Office applications

Which graphics protocol should the architect select for the Accountants user group?

- a. H.264
- b. Thinwire+
- c. Framehawk

- d. Selective H.264
- e. Thinwire legacy

Answer: e.

Explanation: Use Thinwire in the majority of use cases as it provides a good user experience with minimal resource costs. There are two variations of Thinwire: Legacy, which is optimized for Windows 7 and Windows 2008R2 graphic engines (GDI/GDI+). Thinwire+, which is optimized for Desktop Windows Manager (DWM) graphics engine in Windows 8, Windows 10, Windows 2012 and Windows 2016.

Source: Citrix VDI Best Practices for XenApp and XenDesktop 7.15 LTSR, Layer 3: The Resource Layer

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/downloads/handbook-715-ltsr.pdf>

## Section 4: Access Layer Scalability, Redundancy, and Security

### 4.2

**Objective: Determine how to meet the security requirements for a given environment.**

3. **Scenario:** A Citrix Architect is designing an access infrastructure for a large, national marketing firm. The current plan includes using pass-through authentication with smart cards to hosted desktops and applications using XenDesktop. Users are running Windows 8.1 and Windows 10 devices. Applications and desktops are hosted on servers running Windows Server 2016.

To use pass-through authentication with smart cards to hosted

applications, ensure to enable \_\_\_\_\_ and \_\_\_\_\_ when configuring the authentication method for the site on StoreFront. (Choose the two correct options to complete the sentence.)

- a. Explicit
- b. Kerberos
- c. Smart card
- d. Pass-through
- e. Pass-through with smart card

Answer: b.e.

Explanation: Pass-through authentication with smart cards to virtual desktops is supported on user devices running Windows 10, Windows 8, and Windows 7 SP1 Enterprise and Professional Editions. Pass-through authentication with smart cards to hosted applications is supported on servers running Windows Server 2016, Windows Server 2012 R2, Windows Server 2012, and Windows Server 2008 R2 SP1. To use pass-through authentication with smart cards hosted applications, ensure to enable the use of Kerberos when configuring Pass-through with smartcard as the authentication method for the site.

Source: Pass-through authentication

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/secure/smart-cards/smart-cards-pass-through-sso.html>

## Section 6: Application Delivery

### 6.1

**Objection: Determine the appropriate delivery options for Application deployment based on the analysis of the given environment.**

4. **Scenario:** IT management asked an architect to recommend a solution to allow the help desk employees to access their physical desktop PCs while working from home two days a week. After analyzing the network environment, the architect made a design recommendation for an application delivery solution, which IT management accepted. The recommended design was partly based on the following considerations.

Help desk employees must securely access their office desktop PCs without using a VPN.

They will need access to specific software and data on their office desktops to perform their job remotely.

Using the Microsoft Configuration Manager Wake On LAN feature to start their office desktops, they will NOT have to leave their office PCs online while away from the office.

The solution must be manageable and scalable within the datacenter and capitalize on the existing physical desktop environment.

Which application delivery solution should the architect design?

- a. Remote PC Access
- b. App-V applications
- c. Server OS machines
- d. Desktop OS machines

Answer: a.

Explanation: Using Remote PC Access, help desk employees will have secure remote access to their office PCs from home without using a VPN. They will be able to access applications and data on their office PCs that

they need to perform their job remotely. They can take advantage of the Microsoft Configuration Manager Wake On LAN feature to start their office desktops so they will not have to leave their office PCs online while away from the office. Remote PC Access is manageable and scalable within the datacenter and capitalizes on the existing physical desktop environment.

Source: Remote PC Access

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/install-configure/remote-pc-access.html>

## Section 8: XenApp and XenDesktop Site and Administrative Design

### 8.4

**Objective: Determine the appropriate site design and baseline specifications to ensure performance and stability in the given environment.**

5. **Scenario:** A Citrix Architect is designing a XenDesktop infrastructure for a multi-national software development company.

The IT manager requested that the architect recommend a licensing type that meets the following requirements:

Minimum cost. Minimum amount of storage. Delivery of a server-based virtual desktop from the cloud.

The architect should recommend \_\_\_\_\_ or \_\_\_\_\_ license edition. (Choose the two correct options to complete the sentence.)

- a. VDI
- b. Premium
- c. Standard



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**d. Advanced**

Answer: b.d.

Explanation: Advanced is the best choice because of cost but Premium is also acceptable. Delivery of a server-based virtual desktop from the cloud is only available with Virtual Apps and Desktops Advanced and Premium.

Source: Citrix Virtual Apps and Desktops Features

<https://www.citrix.com/go/products/xendesktop/feature-matrix>