



# 1Y0-401

## Designing Citrix XenDesktop 7.6 Solutions

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Exam Summary – Syllabus – Questions

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# Introduction to 1Y0-401 Exam on Designing Citrix XenDesktop 7.6 Solutions

The Citrix 1Y0-401 exam preparation guide is designed to provide candidates with necessary information about the CCE-V exam. It includes exam summary, sample questions, practice test, objectives and ways to interpret the exam objectives to enable candidates to assess the types of questions-answers that may be asked during the Citrix Certified Expert Virtualization (CCE-V) exam.

It is recommended for all the candidates to refer the 1Y0-401 objectives and sample questions provided in this preparation guide. The Citrix CCE-V certification is mainly targeted to the candidates who want to build their career in Virtualization domain and demonstrate their expertise. We suggest you to use practice exam listed in this cert guide to get used to with exam environment and identify the knowledge areas where you need more work prior to taking the actual Designing Citrix XenDesktop 7.6 Solutions exam.

## Citrix 1Y0-401 Certification Details:

Exam Name	Designing Citrix XenDesktop 7.6 Solutions (CCE-V)
Exam Code	1Y0-401
Exam Price	\$300 USD
Duration	120 minutes
Number of Questions	45
Passing Score	58%
Recommended Training / Books	<a href="#">CXD-400: Designing App and Desktop Solutions with Citrix XenApp and XenDesktop</a>
Schedule Exam	PEARSON VUE
Sample Questions	<a href="#">Citrix 1Y0-401 Sample Questions</a>
Recommended Practice	<b><a href="#">Citrix Certified Expert Virtualization (CCE-V) Practice Test</a></b>

## Citrix 1Y0-401 Exam Syllabus:

Section	Weight	Objectives
Assessing the Current Environment	20%	<ul style="list-style-type: none"> <li>- Identify the user types and the tasks they perform, as well as their needs and the permissions they require</li> <li>- Assess the condition and specifications of hardware components in the environment</li> <li>- Assess the configuration and constraints of the current environment, including desktop and application configurations and constraints</li> <li>- Assess the printing infrastructure</li> <li>- Assess the current imaging, provisioning, and deployment strategy for servers and desktops, as well as applications and web content</li> <li>- Assess the disaster recovery strategy in the current environment</li> <li>- Assess the HA strategy in the current environment</li> <li>- Analyze the collected data</li> </ul>
Planning and Risk Assessment	7%	<ul style="list-style-type: none"> <li>- Identify issues in the current environment and categorize them according to risk level</li> <li>- Analyze the current environment and user data and ensure complete documentation, including test plan and support docs</li> </ul>
Analyzing the Current Environment	24%	<ul style="list-style-type: none"> <li>- Analyze the data captured and identify infrastructure barriers to success in the current environment</li> <li>- Analyze the user experience in the current environment</li> <li>- Analyze the current authentication process for local and remote users</li> <li>- Analyze the desktop, application, and remote access needs of users in the environment</li> </ul>
Designing an Integrated Virtualization Solution	33%	<ul style="list-style-type: none"> <li>- Design the user experience with remote session infrastructure.</li> <li>- Recommend licensing for the virtualization solution, including Citrix and RDS licensing.</li> <li>- Recommend the configuration and sizing of the new environment</li> <li>- Design virtual desktop solution</li> <li>- Design the virtual application solution</li> <li>- Determine the FlexCast models that are needed in the environment</li> <li>- Design the provisioning infrastructure</li> <li>- Design the image management process for Server</li> </ul>

Section	Weight	Objectives
		OS-hosted desktops and apps (XenApp) and Desktop OS-hosted desktops and apps (XenDesktop) <ul style="list-style-type: none"> <li>- Design the monitoring solution</li> <li>- Design Citrix policies around methods of access, user connectivity, user performance</li> <li>- Design StoreFront with high availability and multiple store/ controller types</li> <li>- Determine the database requirements</li> <li>- Determine the storage and IOPS requirements</li> </ul>
Designing and Documenting the Infrastructure	7%	<ul style="list-style-type: none"> <li>- Design the network architecture and specify requirements for bandwidth, network optimization, redundancy, and isolation</li> <li>- Specify the Citrix components to implement in order to meet specific business needs, as well as the number of each component and the placement of each component</li> <li>- Design the storage architecture and specify requirements for IO, storage optimization, and redundancy</li> </ul>
Designing and Documenting the Security Infrastructure	9%	<ul style="list-style-type: none"> <li>- Specify the appropriate methods for securing the new implementation</li> <li>- Specify the components that should be monitored</li> <li>- Specify how antivirus should be implemented in the virtual environment</li> <li>- Specify how GPOs should be used to control the user experience</li> </ul>

## Recommended Knowledge and Skills for CCE-V:

Item	Description
Advanced architectural assessment and design skills for:	<ul style="list-style-type: none"> <li>- XenApp 7.6</li> <li>- XenDesktop 7.6</li> <li>- XenServer 6.2</li> <li>- Provisioning Services 7.6</li> <li>- Machine Creation Services</li> <li>- StoreFront 2.6</li> <li>- NetScaler 10.5</li> <li>- Citrix Profile management</li> <li>- Receiver</li> </ul>
Knowledge of network operating systems, including security, implementation, and administration	
Citrix methodology and best practices for analysis and design	
Core design principles	
Intermediate knowledge of:	<ul style="list-style-type: none"> <li>- General networking</li> <li>- Change control process</li> <li>- Project management</li> <li>- Risk assessment</li> </ul>
Advanced knowledge of:	<ul style="list-style-type: none"> <li>- Users/user group structure</li> <li>- Application delivery</li> <li>- Disaster recovery</li> <li>- Policies/policy structures and security restrictions</li> <li>- Licensing</li> </ul>

## Recommended Product Experience for CCE-V:

Item
Assessing the current environment
Planning and risk assessment
Analyzing the current environment
Designing an integrated virtualization solution
Designing and documenting the infrastructure solution
Designing and documenting the security infrastructure

## Time Limit:

Type of Candidate	Time Limits	Notes
Native English Speakers	120 minutes	
Non-native English speakers that take the exam in countries where English is a foreign language	120 minutes +30 minutes (time extension)	Time extension granted automatically
Non-native English speakers that take the exam in countries where English is NOT a foreign language	120 minutes +30 minutes	Must call Pearson VUE.

## 1Y0-401 Sample Questions:

### 01. Why should CPU and memory consumption be used to identify bottlenecks?

- a) Excessive CPU and memory consumption will slow the loading of vDisks and cache files by Provisioning Services.
- b) Excessive CPU and memory consumption on the vDisk store will slow down the PXE bootprocess.
- c) Excessive CPU and memory consumption can increase fragmentation of the TFTP boot strap file.
- d) Excessive CPU and memory consumption can increase fragmentation of the vDisks.

### 02. How should the architect design the optimal write cache storage?

- a) By implementing RAID 5 on XenServer local storage

- b) By implementing RAID 10 on XenServer shared storage
- c) By implementing RAID 3 on a NAS device
- d) By implementing RAID 6 on a server hosting the CIFS share

**03. Why would the architect choose LACP bonding when configuring bonded network interfaces for guest VM networks?**

- a) It provides load balancing of VM traffic across multiple physical NIC interfaces at a per guest basis, and offers improved distribution of traffic across physical interfaces in the bond.
- b) It sends all guest VM traffic in the bond to an active interface, which provides the best distribution of network load.
- c) It uses a hashing algorithm, which provides better distribution of traffic across the interfaces in the bond.
- d) It uses a round robin load-balancing policy, which provides better distribution of traffic across the interfaces in the bond.

**04. The architect should recommend a Universal License because it is required for \_\_\_\_\_.**

- a) ICA Proxy
- b) SmartAccess
- c) two-factor authentication
- d) SSL access inside the network

**05. Why does using SQL Management Studio help the company comply with its security policy?**

- a) Because it enables you to execute SQL queries to extract data
- b) Because it uses a standard TCP port
- c) Because it enables you to create a database to store logs
- d) Because it provides security alerts by using SQL Mail

**06. Which endpoint devices must be replaced to support the Streamed VHD method of desktop delivery?**

- a) Windows 7
- b) Windows 8
- c) Linux thin clients
- d) PCs running Internet Explorer 7

**07. Based on the assessment of the current company infrastructure, which design option is best for remote access?**

- a) Deploy six NetScaler appliances: two in New York, two in Hong Kong, and two in London.
- b) Deploy three NetScaler appliances: one in each datacenter.
- c) Deploy two NetScaler appliances: one in London and one in New York.
- d) Deploy one pair of NetScaler appliances in the London failover datacenter.

**08. Why should the two NetScalers be located at the London datacenter?**

- a) Because it allows New York and Hong Kong to fail over to the London datacenter
- b) Because it provides secure remote access
- c) Because two components allow for increased user performance
- d) Because it allows for centralized management



**09. How should the architect specify that the Configuration Logging database be queried?**

- a) By using the Citrix Director console
- b) By using PowerShell
- c) By using SQL Reporting Services
- d) By using SQL Management Studio

**10. What are two potential risks in the existing environment that the architect must address in the proposed virtual solution?**

(Choose two.)

- a) Local profiles are used and administrators manually delete them when necessary
- b) Installation of PositivelyPeople is performed manually based on a thoroughly documented process.
- c) No logon scripts are enabled for users because the company abandoned logon scripts last year in favor of GPOs.
- d) Users log on to the company environment based on Active Directory credentials, but the PositivelyFinance application requires secondary credentials.

**Answers to 1Y0-401 Exam Questions:**

Question: 01 Answer: a	Question: 02 Answer: b	Question: 03 Answer: d	Question: 04 Answer: b	Question: 05 Answer: c
Question: 06 Answer: c	Question: 07 Answer: b	Question: 08 Answer: a	Question: 09 Answer: d	Question: 10 Answer: a, b

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on [feedback@vmexam.com](mailto:feedback@vmexam.com)