



1Y0-301 : DEPLOYING CITRIX XENDESKTOP 7.6 SOLUTIONS EXAM PREP GUIDE

Preparation Guide 1.0

May 12, 2015

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Exam Overview

Number of Questions

The 1Y0-301 exam is a 65-question exam written in English. Some of the items on this exam will not be scored and thus will not affect your final result in any way. The unscored items are included in this exam solely for research purposes.

Passing Score

The passing score for this exam is 67%.

Time Limit

Type of Candidate	Time Limits	Notes
Native English Speakers	75 minutes	
Non-native English speakers that take the exam in countries where English is a foreign language	75 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	75 minutes +30 minutes	Must call Pearson VUE or register in person to explicitly request the time extension <i>A \$7 USD surcharge will be added to phone registrations.</i>

**The time limit for this exam is 75 minutes. The total seat time is 100 minutes. The total seat time includes times allotted for the NDA and surveys.*

Intended Audience

The 1Y0-301 exam is focused on those topics that are most important to those who build, test and roll out Citrix XenDesktop 7.6 solutions. Citrix Education selected these topics based on feedback from subject matter experts (SMEs) who perform these tasks in the field. Those who build, test and roll out XenDesktop 7.6 solutions may have various job roles such as:

- Desktop Virtualization Engineers
- Desktop Virtualization Consultants
- Citrix Engineers
- Systems Administrators

Registration and Administration

This exam is administered at Pearson VUE testing centers worldwide. To learn more about the rules and process of taking an exam, please visit the [exam page](#) on our website.

Worldwide, visit the Pearson VUE website (www.pearsonvue.com/citrix) to locate a testing center in your area and register for an exam. To register in the United States and Canada, you may also register in person at any Pearson VUE testing center or call 1-800-931-4084. Note: A \$7 USD surcharge will be added to phone registrations.

Policy Links

Candidates must wait 24 hours from their original appointment time before they can register to retake an exam. After a second attempt, and any attempt thereafter, the candidate must wait 14 calendar days to retake the exam.

All Citrix Certification candidates are required to read and agree to be bound by the Candidate Conduct Policy. This policy details specific information regarding what Citrix Education defines as cheating and breaches of security. Violations of this policy can result in actions including, but not limited to, classification of scores as invalid, decertification and testing bans.

For more information about Citrix policies, please visit training.citrix.com/exams.



Prepping for the Exam

Recommended Knowledge and Skills

Candidates should have the following knowledge and skills prior to taking this exam:

- Knowledge of how the following Windows components integrate with Citrix technologies:
 - Active Directory Domain Services
 - Active Directory Certificate Services
 - Domain Name System (DNS)
 - Dynamic Host Configuration Protocol (DHCP)
 - Group Policy Objects (GPOs)
 - NTFS Permissions
 - Windows Authentication and Authorization
 - Knowledge of IIS
 - Roles and features of Windows Server 2008 R2 and Windows Server 2012 R2
- Knowledge of Microsoft Windows Operating Systems
 - Windows 8.1
 - Windows 8

- Windows 7
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2
- Knowledge of SQL 2008 R2 and newer
 - Knowledge of SQL clustering and mirroring
- General networking skills (i.e. routing, switching)
- Knowledge of hypervisors
- Knowledge of shared storage configuration and management
- Knowledge of Microsoft licensing
- Knowledge of non-windows end points and mobile devices

Recommended Product Experience

We recommend that candidates have about six months of experience with the following tasks in a XenDesktop 7.6 solution:

- Pre-installation Considerations
- Installing Required Technologies
- Configuring Technical Components
- Testing Configurations

Recommended Course

Citrix Education recommends that candidates have hands-on experience with XenDesktop 7.6 prior to taking this exam. One of the best ways to do this is by taking formal Citrix training courses. The following course provides training on tasks related to building, testing and rolling out a XenDesktop 7.6 solution.

- CXD-300: Deploying App and Desktop Solutions with Citrix XenApp and XenDesktop 7.6 (instructor-led training course or self-study)

As with all Citrix exams, it is recommended that candidates get hands-on experience by working directly with the products covered on the exam.

While this hands-on experience can be done on the job, Citrix Education official courses offer a safe and robust environment to learn these tasks. Thus they are one of the best ways to prepare for the exam.

Unauthorized Preparation Materials

At this time, Citrix Education does not offer practice tests. While there are companies who advertise practice tests and have a money-back guarantee that customers will pass the exam, most of these companies are selling unauthorized preparation materials that include stolen exam questions and answers.

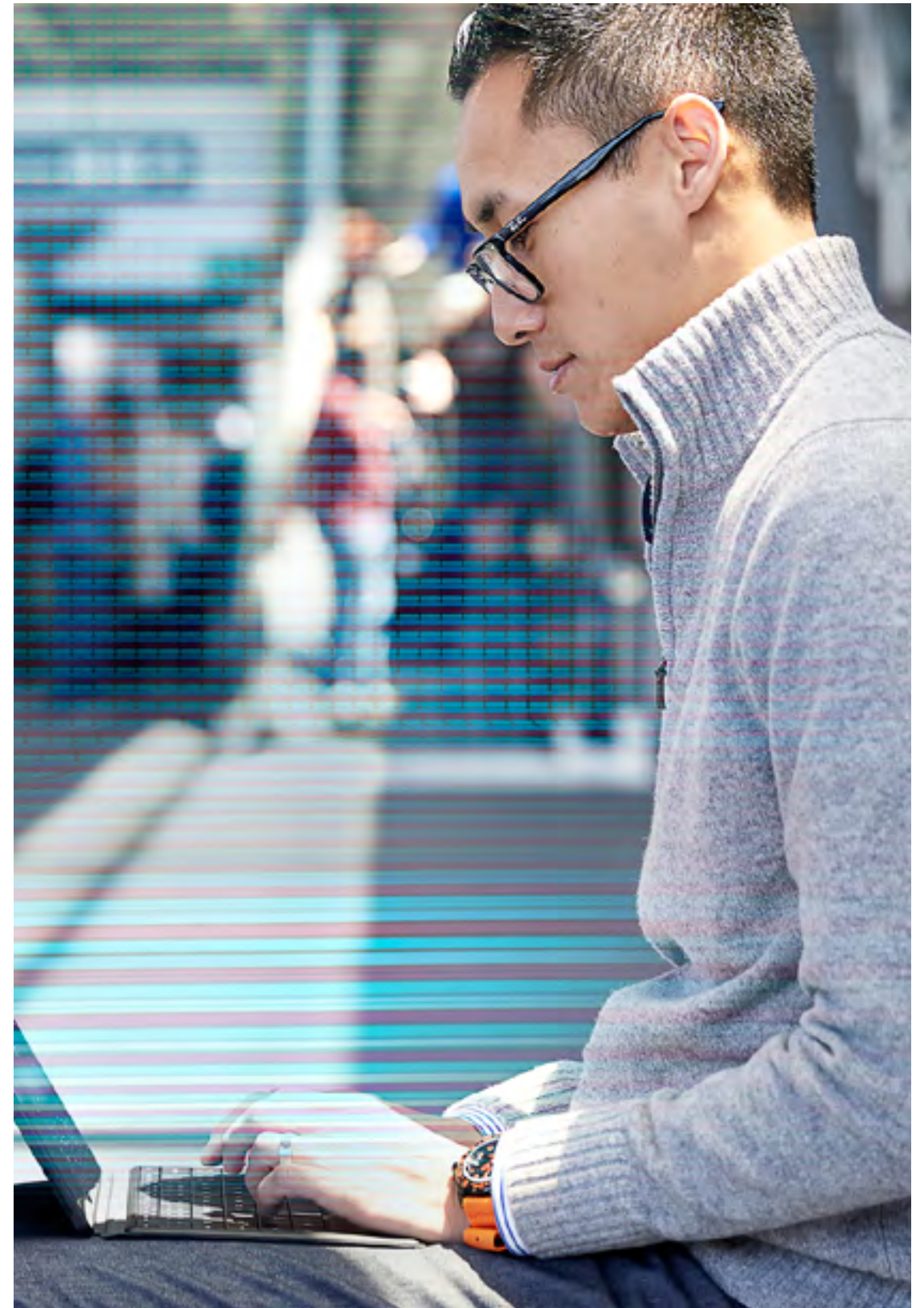
Citrix Education continuously monitors these sites, and when possible, takes appropriate actions.

Citrix Education also monitors exam results to ensure that candidates are not using unauthorized materials to prepare for exams. If it is determined that a candidate used unauthorized materials to prepare for an exam, the candidate's score will be invalidated and his or her certification will be revoked.

When looking for materials in addition to authorized Citrix training to prepare for certification, Citrix Education recommends visiting <http://www.certguard.com/> to verify the legitimacy of the site. This site flags sites that are acting as brain dumps.

Section Titles and Weights

Section	Weight
Pre-installation Considerations	18%
Installing Required Technologies	22%
Configuring Technical Components	55%
Testing Configurations	5%
Total	100%



Interpretation of Objectives

Exam-takers should refer to the objectives and examples listed in this guide in order to determine not only which topics will be on the exam but also examples of the topics that could be tested.

For example, if the objective reads, “Asses the printing infrastructure” and one of the examples reads, “Perform print driver stress testing”, exam-takers could expect to see:

- **A scenario describing a printing infrastructure:**

Scenario: A Citrix Architect is assessing the current printing infrastructure at CGE. As part of the assessment, the architect wants to perform print driver stress testing.

- **A question that requires determining how to assess the print drivers**

How can the architect assess which printer drivers are in use in the current environment?

Note: The examples listed in the Sections, Objectives and Examples section of this guide do NOT encompass all potential topics that could be tested and are only provided as guidance. The objectives and examples for this exam were developed by Exam Project Managers and subject matter experts based on identified tasks that relate to building, testing, and rolling out a Citrix XenDesktop 7.6 solution. The number of questions written for each objective relates directly to the importance of that objective, and is proportional to how frequently that task is performed.

Sections, Objectives, Examples and References

Objective Number	Objective	Examples	References
Section 1: Pre-installation Considerations			
1.01	Determine the service accounts that should be used to implement a XenDesktop solution	Need to understand which service accounts should be used in order to install XenDesktop and other components (PVS, StoreFront, etc.)	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-connections.html http://support.citrix.com/proddocs/topic/netScaler-gateway-105/ng-ldap-authen-configure-tsk.html
1.02	Determine the security permissions needed for Provisioning Services	Need permissions to manage the machine accounts in AD	http://support.citrix.com/proddocs/topic/provisioning-61/pvs-install-task1-plan-6-0.html#pvs-install-task1-plan__pvs-install-task1-authentication
1.03	Determine the SQL permissions needed to install or upgrade XenDesktop	Need to understand the minimum permissions needed to complete installation of XenDesktop	http://www.robinhobo.com/installing-configuring-citrix-provisioning-services-7-1/
1.04	Determine the database deployment method and requirements	Is the correct version of the database available for the environment Is the database correctly configured How many databases are needed for a specific configuration	http://support.citrix.com/proddocs/topic/provisioning-7/pvs-install-task1-plan-6-0.html
1.05	Determine the service account requirements needed to setup hypervisor connections	What requirements does the service account need when using XenServer What requirements does the service account need when using Hyper-V What requirements does the service account need when using ESX	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-install-prep-host-msscvmml.html

Objective Number	Objective	Examples	References
1.06	Manage Citrix licenses	<p>Given a scenario determine which license type is appropriate</p> <p>Understand how the licenses are consumed</p> <p>Understand concurrent licenses and user licensing</p> <p>Ensure RDS license are in the environment</p> <p>Identify how Session Pre-Launch and Session Lingering affect licensing</p>	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-license.html
1.07	Determine which factors to consider when installing Citrix Delivery Controller	<p>Requirements for having more than one delivery controller in a highly available environment</p> <p>What components are needed before installing the controller</p>	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-architecture-article.html
1.08	Understand communication flow/ architecture	<p>Understanding the FMA stack</p> <p>Explain the logon process</p> <p>Explain the startup process</p> <p>Understand the communication flow with the different hypervisors</p> <p>Understand application enumeration and desktop launch process</p>	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-architecture-article.html
1.09	Determine installation and configuration considerations for StoreFront	<p>Determine how to setup HA (how to groups SF servers)</p> <p>Determine if internal or external stores are needed in a specific environment</p> <p>Determine the placement and number of StoreFront servers</p>	http://support.citrix.com/proddocs/topic/dws-storefront-25/dws-plan-user-pna.html http://support.citrix.com/proddocs/topic/dws-storefront-26/dws-configure-pna-auth.html

Objective Number	Objective	Examples	References
1.10	Manage SSL certificates	<p>Determine the SSL certificate requirements for StoreFront, NetScaler Gateway, etc.</p> <p>Determine the certificate requirements for the hypervisor</p> <p>Determine when to use internal versus external</p>	<p>http://support.citrix.com/proddocs/topic/dws-storefront-26/dws-secure.html</p> <p>http://support.citrix.com/proddocs/topic/dws-storefront-26/dws-configure-single-fqdn.html#dws-configure-single-fqdn</p>
Section 2: Installing Required Technologies			
2.01	Configure database fault tolerance	<p>Know the various database availability options (clustering, always on, mirroring etc.), which one to use based on a use case</p> <p>Understand why a fault tolerance DB is needed</p> <p>What resources do you need for the various DB availability options</p> <p>Provisioning offline database support</p>	<p>http://support.citrix.com/article/CTX129173</p>
2.02	Install the virtual delivery agent	<p>Will it be installed on the master image or through a policy</p> <p>VDA for server hosted desktops and one for the desktop hosted desktops; understand the difference between the two</p> <p>Scenarios around installing/configuring the VDA for remote PC</p> <p>Determine how to install: manually, through GPO or some other tool</p>	<p>http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-install-command.html</p> <p>http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-system-requirements-76.html</p>

Objective Number	Objective	Examples	References
2.03	Configure a site, including connecting to a hypervisor	<p>Determine how to connect to the hypervisors</p> <p>Configure users, licensing, settings, etc.</p> <p>Configure lease connections (this is a PowerShell configuration)</p> <p>Determine what needs to be setup on the XenDesktop side if you're connecting to XenServer or Hyper-V or ESXi</p> <p>Add additional Controllers to a site</p>	<p>https://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-connections.html</p> <p>http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-connection-leasing.html</p>
2.04	Delegate administrative rights	<p>What permissions should be given based on a specific environment needs</p> <p>Create custom roles</p>	<p>https://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-delegated-admin.html</p>
2.05	Set up Citrix Director	<p>What needs to be configured before setting up Director</p> <p>Set up a separate DB for Director</p> <p>Which license is required based on how long you want to save information</p> <p>Setup Director to monitor a XA 6.5 environment</p>	<p>https://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-monitor-advance-config.html</p>
2.06	Install Provisioning Services	<p>Need to change specific GPO settings</p> <p>Configure offline database support</p>	<p>http://support.citrix.com/article/CTX129424</p>
2.07	Configure different boot options for Provisioning Services	<p>Configure PXE boot, DHCP, TFTP</p> <p>Configure the BDM boot option</p>	<p>http://support.citrix.com/article/CTX115094</p>
2.08	Configure the write cache for Provisioning Services	<p>Configure the write cache disk</p> <p>What are the write cache methods</p>	<p>http://support.citrix.com/proddocs/topic/provisioning-7/pvs-technology-overview-write-cache-intro.html</p>

Objective Number	Objective	Examples	References
2.09	Create multiple target devices in Provisioning Services	Create a scenario using the XD streaming wizard Create a scenario using the XD setup wizard Create a target device manually	http://support.citrix.com/proddocs/topic/provisioning-7/pvs-xendesktop-setup-wizard-readme.html http://support.citrix.com/proddocs/topic/provisioning-7/pvs-vm-wizard-using.html
2.10	Deploy Citrix Receiver	Understand the deploy options for Receiver Determine how to deploy the receiver	http://support.citrix.com/proddocs/topic/receiver-windows-40/receiver-windows-cfg-command-line-40.html
2.11	Install StoreFront	Understand the certificate requirements for StoreFront Installing certificates Install StoreFront servers	http://www.robinhobo.com/installing-and-configuring-citrix-storefront-2-0/ http://blogs.msdn.com/b/steverac/archive/2009/07/09/adding-certificates-to-the-local-certificates-store-and-setting-local-policy-using-a-command-line-system-center-updates-publisher-example.aspx http://www.databasemart.com/howto/SQLoverssl/How_To_Import_Personal_Certificate_With_MMC.aspx
Section 3: Configuring Technical Components			
3.01	Create machine catalogs	Create machine catalogs for MCS Create machine catalogs for PVS Knowing the difference between the different types of machine catalogs - know which type to select based on the need in a scenario	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-mach-cat-create.html http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-mach-cat-manage.html http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-mach-cat-create.html Citrix XenDesktop Design Handbook, Page 15

Objective Number	Objective	Examples	References
3.02	Create delivery groups	<ul style="list-style-type: none">Create delivery groupsConfigure desktop and application delivery groupsConfigure anonymous user sessionsConfigure Application pre-launchConfigure Application lingeringKnow the difference between application and desktop delivery groups - OS Server vs. OS Client, applications and/or desktopsUnderstand how they should be allocated - pooled, dedicated, static - based on a given scenario	<ul style="list-style-type: none">http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-dg-manage-sessions.htmlhttp://support.citrix.com/proddocs/topic/xendesktop-7/cds-hosted-shared-dt-reboot-sched.htmlhttp://support.citrix.com/proddocs/topic/xendesktop-7/cds-set-access-policies-rho.html
3.03	Configure policies	<ul style="list-style-type: none">Understand the difference between filtered and unfiltered policiesUnderstand difference in policy application order GPO, Studio, Local GPOConfigure template policiesConfigure policy filtering (based on location, AD group, etc.)Know where to go to configure the policies (Citrix Studio console or GPO)	<ul style="list-style-type: none">http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-policies-create.htmlhttp://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-policies-intro.htmlhttp://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-policies-settings-desktop-ui.html

Objective Number	Objective	Examples	References
3.04	Configure the user experience	<p>Create policies for user experience</p> <p>Configure HDX policies</p> <p>Configure timeout options</p> <p>Configure session linger</p> <p>Configure pre-launch</p> <p>Configure a pre-launch application</p> <p>Configure a pre-launch desktop</p> <p>Configure clipboard policies (one way trust, etc.)</p> <p>Configure policies for internal users versus external users (based on location)</p>	<p>http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-connection-leasing.html</p> <p>http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-policies-create.html</p> <p>http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-dg-manage-sessions.html#xad-dg-manage-sessions__prelaunch-linger</p> <p>http://support.citrix.com/article/CTX891671</p>
3.05	Configure shadowing permissions	<p>How to enable shadowing options</p> <p>Ensure AD is setup to support shadowing</p>	http://support.citrix.com/article/CTX127388
3.06	Configure Remote PC Access	<p>How to configure remote PC access based on various scenarios</p> <p>How to allocate machines and delivery groups</p>	https://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-plan-remoteaccess.html
3.07	Configure power management	<p>Configure specific power management options based on a given scenario</p> <p>Know the difference between the power management options for pooled desktops versus dedicated desktops</p> <p>Understand power management (rules and triggers # of desktops, % of desktops, etc.)</p>	<p>http://support.citrix.com/proddocs/topic/citrix-broker-admin-v2-xd75/set-brokerdesktopgroup-xd75.html</p> <p>http://support.citrix.com/proddocs/topic/xenapp-xendesktop-75/cds-control-power-management-rho.html</p> <p>http://support.citrix.com/proddocs/topic/citrixbroker-admin-v2-xd7/set-brokerdesktopgroup-xd7.html</p>

Objective Number	Objective	Examples	References
3.08	Publish hosted applications	How to publish applications Given a scenario how would you publish an application	http://support.citrix.com/proddocs/topic/receiverwindows-40/receiver-windows-config-app-delivery.html
3.09	Configure printing policies	Configure universal printer driver Configure native printers Configure bandwidth for printing Configure a session print policy	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-print-bpractice-security-defaultops.html
3.10	Set up the Universal Print Server	Setup the Universal Print Server on a Windows print server Configure the Citrix policy settings	https://support.citrix.com/proddocs/topic/xendesktop-7/cds-print-univ-print-server.html
3.11	Configure the master image	Using the wizard Knowing how to optimize including anti-virus considerations Understand KMS MAK license configuration Create a master image	http://support.citrix.com/servlet/KbServlet/download/25161-102-648285/XD%20-%20Windows%207%20Optimization%20Guide.pdf http://support.citrix.com/proddocs/topic/provisioning-61/pvs-collections-kms-licensing.html
3.12	Create devices using Provisioning Services	Using the XD setup wizard Using the XD streaming wizard Manually configure vDisks and target devices	http://support.citrix.com/proddocs/topic/provisioning-7/pvs-vm-wizard-using.html http://support.citrix.com/proddocs/topic/provisioning-7/pvs-xendesktop-setup-wizard-readme.html
3.13	Configure HA for Provisioning Services	How to add additional PVS servers to an existing farm How to configure HA for TFTP servers Replicating the vDisk from one server to another	http://support.citrix.com/proddocs/topic/provisioning-7/pvs-vdisks-replication.html

Objective Number	Objective	Examples	References
3.14	Configure Citrix Profile Management	Configure Share and NFS minimum permissions Configure Profile management policies (GPO or Studio)	http://support.citrix.com/proddocs/topic/user-profile-manager-5-x/upm-streaming.html
3.15	Configure and streamline user profiles	Configure Citrix profile policies Configure policy exclusions Understand functionality of folder redirection	http://technet.microsoft.com/en-us/library/ff458273%28v=ws.10%29.aspx
3.16	Configure Personal vDisk	Given a scenario determine the appropriate way to configure Personal vDisk How to upgrade a Personal vDisk	https://support.citrix.com/content/dam/supportWS/kA56000000TND0CAO/XD_FAQ_Personal_vDisk.pdf
3.17	Configure hypervisor connection	Configure Connection for XenServer Configure Connection for ESX (remember certificate) Configure Connection for Hyper-V	http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-install-prep-host-vmware.html http://support.citrix.com/static/kc/CTX127254/help/Add-HypHypervisorConnectionAddress.html
3.18	Create a resource pool for virtual desktops using XenServer	How to create various resource pools based on specific scenarios Understand VM templates, diskless VM	http://support.citrix.com/servlet/KbServlet/download/38321-102-714737/XenServer-6.5.0_Administrators%20Guide.pdf
3.19	Determine the appropriate shared storage	Give a scenario for a specific shared storage option Configure a specific storage type	http://support.citrix.com/proddocs/topic/xencenter-62/xs-xc-storage-pools-add.html http://support.citrix.com/proddocs/topic/xencenter-62/xs-xc-hosts-management-ip.html
3.20	Configure HA for XenServer	How do you promote a server to master server in a failover situation How to configure HA for XenServer	http://support.citrix.com/proddocs/topic/dws-storefront-26/dws-configure-wr-receiver.html http://www.ervik.as/citrix/xenserver/3959-how-to-change-the-pool-master-in-a-xenserver-farm

Objective Number	Objective	Examples	References
3.21	Configure StoreFront	Configuring the StoreFront server for internal and/or external use Determine how to configure email-based discovery and the requirements Configure StoreFront for legacy mode Configure beacons	http://support.citrix.com/proddocs/topic/dws-storefront-21/dws-configure-wr-receiver.html http://support.citrix.com/article/CTX200239 http://support.citrix.com/proddocs/topic/dws-storefront-26/dws-deploy-join.html
3.22	Configure the StoreFront store	Given a scenario determine how to configure StoreFront Configure a store for HTTP Configure a store for HTTPS Configure a mandatory store Enable/disable user subscriptions	http://blogs.citrix.com/2014/04/21/part-5-anonymous-user-support-for-xenapp-on-fma/
3.23	Configure remote access to StoreFront through NetScaler Gateway	Configure access through StoreFront Configure access through NetScaler Gateway Configure STA for remote access Configure remote access for mobile receiver	http://support.citrix.com/proddocs/topic/dws-storefront-25/dws-manage-remote.html
3.24	Configure HA for StoreFront	Add additional StoreFront servers to an existing environment Check that the servers are replicating	http://support.citrix.com/proddocs/topic/dws-storefront-26/dws-deploy-join.html
3.25	Configure NetScaler Gateway to accept user connections using email-based discovery	Add the SRV record to the NetScaler	http://support.microsoft.com/kb/816587
3.26	Configure ICA proxy	Give a scenario and ask what should be configured Configure session reliability and the STA configuration Choose between Smart or Basic mode	http://blogs.citrix.com/2009/08/27/ica-proxy-over-agee/

Objective Number	Objective	Examples	References
3.27	Configure NetScaler Gateway for load balancing StoreFront servers	Create a VIP Add the StoreFront servers Add monitors for HTTP and HTTPS Configure persistence on the load balanced VIP	https://support.citrix.com/proddocs/topic/dws-storefront-26/dws-install.html https://support.citrix.com/proddocs/topic/netscaler-traffic-management-10-1-map/ns-lb-monitors-builtin-ctx-storefront-stores-tsk.html
Section 4: Testing Configurations			
4.01	Troubleshooting HA	Test failover for PVS, StoreFront, NetScaler Gateway and delivery controller Test Load Balancing	https://support.citrix.com/proddocs/topic/netscaler-traffic-management-10-5-map/ns-lb-monitors-builtin-ctx-storefront-stores-tsk.html
4.02	Assess the user experience (is everything working as smoothly as expected)	Test VDA Test successful launch of desktops Test successful launch of published applications Test session linger and session pre-launch Monitor HDX monitor in Director to ensure everything is configured properly	http://blogs.citrix.com/2014/10/13/design-guidance-for-xenapp-xendesktop-7-6-updated-virtual-desktop-handbook/ http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-connection-leasing.html#xad-connection-leasing http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-dg-manage-sessions.html#xad-dg-manage-sessions__prelaunch-linger

Appendix: Practice

Introduction

Exam-takers should refer to the objectives listed above in section 5 of this guide in order to determine which topics will be on the exam and examples of topics for each objective.

For example, if the objective reads, “Identify the appropriate plug-in to use,” exam-takers should expect to see:

- A “scenario describing the need to install a specific XenApp Plug-in”

Scenario: XenDesktop was recently implemented in an environment. A Citrix Administrator in the environment needs to tell the end users which Citrix Receiver type to install in order to access their XenDesktop resources. The end users in the environment will need to access hosted applications through Receiver for Web.

- A question that requires you to “determine which Citrix Receiver type to install” based on the scenario

Which Citrix Receiver type should the administrator instruct the end users to install?

The objectives for this exam were developed by Exam Project Managers and subject matter experts based on identified tasks that relate to managing, maintaining, monitoring and troubleshooting a Citrix XenDesktop 7.6 solution.

The number of questions written for each objective relates directly to the importance of that objective as it relates to managing, maintaining, monitoring and troubleshooting, and is proportional to how frequently that task is performed.

Sample Question 1

Scenario: A Citrix Engineer needs to implement XenDesktop with high availability in a single datacenter. The engineer must ensure that no manual intervention is necessary if one of the Delivery Controllers is unavailable.

How should the engineer deploy the Delivery Controllers?

- A. On the first Delivery Controller, create a new site. Repeat this step for the second Delivery Controller. Create an Active Directory service record.
- B. On the first Delivery Controller, create a new site. On the secondary Delivery Controller, select ‘Connect this Delivery Controller to an existing site’.
- C. On the first Delivery Controller, create a new site. On the second Delivery Controller, install XenDesktop and select the previously created site database.
- D. On the first Delivery Controller, create a new site. Repeat this step for the second Delivery Controller. Use NetScaler to load balance the Delivery Controllers.

Answer: B

Objective: Determine which factors to consider when installing Citrix Delivery Controller

Source: Citrix eDocs

http://support.citrix.com/proddocs/topic/xenapp-xendesktop-76/xad-system-requirements-76.html#xad-system-req-76__ad-func-levels

Sample Question 2

Scenario: A Citrix Engineer installs Citrix Receiver using the /INCLUDESSON parameter. When testing the deployment, the engineer is prompted for credentials.

What else does the engineer need to do to prevent prompts for credentials?

- A. Start the Microsoft Account Sign-in Assistant service.
- B. Reinstall Citrix Receiver using the /SILENT parameter.
- C. Place the ssonsrv.exe executable in the user startup folder.
- D. Configure pass-through authentication using the icaclient.adm template.

Answer: D

Objective: Deploy Citrix Receiver

Source: Citrix Knowledge Base

<http://support.citrix.com/article/CTX133855>

Sample Question 3

Scenario: A Citrix Engineer changes the write cache settings on a Provisioning Services vDisk from 'Cache on server' to 'Cache in device RAM with overflow on hard disk'. The engineer assigns the vDisk to virtual desktops that have a local disk attached.

What will happen if the RAM cache gets full and the local disk does NOT have sufficient capacity for the write cache overflow?

- A. The write cache will use the Personal vDisk.
- B. The virtual desktop will go into a pause state.
- C. Additional RAM on the virtual desktops will be used.
- D. The write cache will overflow to the default path on the Provisioning Services server.

Answer: B

Objective: Create devices using Provisioning Services

Source: Citrix eDocs

<http://support.citrix.com/proddocs/topic/provisioning-7/pvs-target-image-prepare.html>

Sample Question 4

Which tool is recommended for troubleshooting Virtual Delivery Agent registration issues?

- A. XDPing
- B. Citrix Director
- C. Resource Monitor
- D. Citrix Quick Launch

Answer: A

Objective: Assess the user experience (is everything working as smoothly as expected)

Source: Citrix Knowledge Base

<http://support.citrix.com/article/CTX136668>

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