



# 1Y0-A26

Citrix XenServer 6.0 Administration

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Exam Summary – Syllabus – Questions

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# Introduction to 1Y0-A26 Exam on Citrix XenServer 6.0 Administration

The Citrix 1Y0-A26 exam preparation guide is designed to provide candidates with necessary information about the CCA - XenServer 6 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 Administrator for XenServer 6 (CCA - XenServer 6) exam.

It is recommended for all the candidates to refer the 1Y0-A26 objectives and sample questions provided in this preparation guide. The Citrix CCA - XenServer 6 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 Citrix XenServer 6.0 Administration exam.

## Citrix 1Y0-A26 Certification Details:

Exam Name	Citrix XenServer 6.0 Administration (CCA - XenServer 6)
Exam Code	1Y0-A26
Exam Price	\$150 USD
Duration	90 minutes
Number of Questions	65
Passing Score	64%
Recommended Training / Books	<a href="#">CXS-203: Citrix XenServer 6.0 Administration</a>
Schedule Exam	PEARSON VUE
Sample Questions	<a href="#">Citrix 1Y0-A26 Sample Questions</a>
Recommended Practice	<a href="#">Citrix Certified Administrator for XenServer 6 (CCA - XenServer 6) Practice Test</a>

## Citrix 1Y0-A26 Exam Syllabus:

Section	Weight	Objectives
Installing and Implementing XenServer	6%	<ul style="list-style-type: none"> <li>- Given a scenario, establish how to configure options on the XenServer host so that it starts up from SAN.</li> <li>- Given a scenario, determine how to configure a</li> </ul>

Section	Weight	Objectives
		NIC for the management interface. - Define how to configure/reconfigure DHCP OR hostname, IP, mask, Gateway and DNS based on a list of requirements for an environment. - Given NTP server and time zone details, resolve how to configure/reconfigure NTP and time/time zone after the installation of XenServer.
Managing and Maintaining Hosts	9%	- Define which actions an administrator must take to apply updates (upgrades/patches) to XenServer Hosts. - Given a scenario, establish how to shut down the XenServer Host without any loss of performance. - Given a description of a situation, determine which actions an administrator must take to recover the host when high availability is enabled. - Given a description or set of requirements, establish how to set email alerts at the pool-level as well as alerts at the host or virtual machine level. - Given a scenario, define how to integrate XenServer into Active Directory. - Given a description of an environment, define how to configure XenServer Role-based Access Control.
Managing and Maintaining Virtual Machines and Templates	6%	- Given a scenario in which a virtual machine must be copied using a particular method, establish the steps necessary to copy the virtual machine. - Given a scenario, resolve how an administrator can use the import/export feature of XenServer. - Determine the correct steps to take to create a virtual machine using the XenConvert Physical to Virtual (P2V) conversion or the XenConvert Virtual to Virtual (V2V) conversion of an existing server, based on a list of requirements. - Control a virtual machine, including suspending, graceful, or forced shutdown and graceful or forced restart of a virtual machine.

Section	Weight	Objectives
Configuring and Managing Resource Pools	20%	<ul style="list-style-type: none"> <li>- Given a scenario, determine which actions an administrator must take to add or remove a host to or from a resource pool using the CLI or GUI.</li> <li>- Given a scenario, resolve how to complete pool master maintenance with high availability enabled.</li> <li>- Given a scenario, either with high availability enabled or disabled, establish the steps needed to change the pool master.</li> <li>- Based on a description of an environment, establish the steps to create a storage repository.</li> <li>- Given a description of an environment, define how to configure storage repository for Intellicache.</li> <li>- Given a scenario, determine how to configure DMP and MPP multipathing.</li> <li>- Based on the needs of an environment, determine how to create a network and assign a vLAN to that network.</li> <li>- Based on the needs of an environment, resolve how to create a crossserver private network.</li> <li>- Based on a scenario, establish how to create a bond and configure the management interface in the bond.</li> <li>- Based on the needs of an environment, decide when to segregate XenServer host management traffic from other management traffic, such as storage management, using separate physical switches or using separate VLANs.</li> <li>- Given a scenario, determine when to utilize the rolling upgrade wizard.</li> </ul>
Installing and Configuring Provisioning Services	10%	<ul style="list-style-type: none"> <li>- Decide which PXE service options to select when installing Provisioning Services.</li> <li>- Establish how to configure TFTP and bootstrap options for a given environment.</li> <li>- Resolve how to configure the generic Stream server startup list for a given environment.</li> <li>- Determine how to create a bootstrap disk when configuring virtual machine startup options.</li> <li>- Determine how to configure DHCP options 66 and 67 when configuring VM boot options.</li> <li>- Decide how to configure PXE when configuring VM boot options.</li> </ul>

Section	Weight	Objectives
Maintaining Provisioning Services	12%	<ul style="list-style-type: none"> <li>- Determine how to create or delete a machine account in Active Directory on the Provisioning Services server in a XenServer environment.</li> <li>- Determine how to change the properties of the target device vDisk based on stated requirements.</li> <li>- Determine which vDisk properties to change and which cache mode to use for a vDisk based on given requirements.</li> <li>- Define how to update a vDisk based on a description of an environment and the needs of that environment.</li> <li>- Decide when the vDisk image mode needs to be changed in a described environment.</li> <li>- Conclude when to create an additional site(s), store(s), or device collection(s) based on a given scenario.</li> <li>- Determine how to create a template based on a list of requirements.</li> <li>- Establish how to configure and enable an offline database to back up the PVS database, based on a list of requirements.</li> </ul>
Configuring Advanced Features	14%	<ul style="list-style-type: none"> <li>- Determine when StorageLink is beneficial to a given environment based on a description of the environment.</li> <li>- Establish when integrated disaster recovery is beneficial to a given environment based on a description of the environment.</li> <li>- Conclude when to correctly set up access control list (ACL) policies on the vSwitch, based on a list of requirements.</li> <li>- Determine when to correctly set up quality of service (QoS) policies on the vSwitch, based on a list of requirements.</li> <li>- Decide when to enable and configure high availability based on the needs of a described environment.</li> <li>- Define how to configure a virtual appliance to work with high availability, based on a description of an environment.</li> <li>- Determine if a virtual machine can use dynamic memory control, given a description of the virtual machine and the environment it is in.</li> <li>- Resolve how dynamic memory control needs to</li> </ul>

Section	Weight	Objectives
		be configured to meet the needs of a described environment.
Backing up and Restoring	9%	<ul style="list-style-type: none"> <li>- Decide how to configure a backup schedule for storage repository metadata, based on a given scenario.</li> <li>- Establish the steps to take to backup a pool given a description of an environment</li> <li>- Resolve when an offline backup of a virtual machine should be performed based on a given scenario.</li> <li>- Resolve when an online backup of a virtual machine should be performed based on a given scenario.</li> <li>- Determine how to restore a virtual machine based on a description or list of requirements.</li> </ul>
Troubleshooting	14%	<ul style="list-style-type: none"> <li>- Given a description of a networking issue, determine how to resolve the issue.</li> <li>- Given a description of a storage issue, find out how to resolve the issue.</li> <li>- Given a description of an issue with the XenServer Host, find out the root cause of the issue.</li> <li>- Given a description of an issue with a virtual machine, establish how to resolve the issue.</li> <li>- Given a Provisioning Services issue, resolve the root cause of the issue.</li> </ul>

## Recommended Knowledge and Skills for CCA XenServer:

Item
Experience implementing, interfacing with, or managing storage infrastructures
Experience configuring network settings, including multiple NIC bonds for dedicated traffic
Knowledge of networking fundamentals including DNS, TCP/IP, VLAN and sub-netting
Experience managing and monitoring enterprise servers
Knowledge of enterprise server and client operating systems
Knowledge of basic Linux-based xe commands

In-depth knowledge of registry settings and ability to manipulate them
Experience with Application Packaging for an enterprise environment with a large number of servers
Knowledge of Storage Area Networks (SAN) storage solutions, including storage interfaces, such as Fibre Channel over Ethernet and iSCSI
3+ years of experience with Microsoft Windows 200X (expert level)
Knowledge of Microsoft Active Directory

## Recommended Product Experience for CCA XenServer:

Item
Configuring XenServer 6.0 Enterprise Edition
Creating Virtual Machines
Working with Virtual Machines
Managing and Maintaining XenServer Hosts
Creating and Managing Storage
Working with Pools
Using the XenServer Command-Line Interface
Implementing High Availability and Virtual Machine Recovery
Working with work load balancing
Configuring Provisioning Services
Working with vDisks in Provisioning Services
Working with XenConvert in Provisioning Services
Working with Sites and device collections in Provisioning Services

## 1Y0-A26 Sample Questions:

**01. A XenServer administrator is updating a shared disk image used by multiple virtual machines. What must the administrator do before updating the shared disk image?**

- a) Copy CIM.EXE to the vDisk.
- b) Modify the vDisk cache type.
- c) Disable streaming of the vDisk.
- d) Change the vDisk access mode.



**02. Which two CLI commands will correctly restart a virtual machine?**

(Choose two.)

- a) `xe vm-start vm=<vm_name>`
- b) `xe vm-reboot vm=<vm_name>`
- c) `xe vm-reboot uuid=<vm_UUID>`
- d) `xe vm-reset-powerstate vm=<vm_name> -force`

**03. An administrator should enable high availability on a XenServer pool when \_\_\_\_\_.**

- a) additional backup of virtual machines is needed
- b) workload balancing between servers in a pool is needed
- c) application(s)/server(s) are accessed 24 hours a day, 7 days a week
- d) virtual machines hosted on a pool need access to iSCSI shared storage

**04. Scenario: An administrator needs to add two new XenServer hosts to an existing pool. Before adding a host to the pool, the administrator created a network bond on the pool master. Which CLI command must the administrator run to replicate the bond on the new hosts?**

- a) `xe pool-join`
- b) `xe bond-create`
- c) `xe network-create`
- d) `xe pool-param-set`

**05. An administrator needs to authenticate all users when they log into the XenServer pool using their Windows credentials. What is the first step the administrator must take to achieve this?**

- a) Join the XenServer pool to the domain.
- b) Add each user to the Users tab in XenCenter.
- c) Create a XenServer user group within Active Directory.
- d) Create Active Directory accounts for the XenServer users.

**06. What is the last step required to enable the offline database within Provisioning services?**

- a) Enable auditing.
- b) Enable automatic merge.
- c) Restart the SOAP Service.
- d) Restart the Stream Service.

**07. An administrator of a Provisioning services environment notices that several of the target devices that are configured to use a vDisk on the provisioning server are randomly failing to start and shut down. What should the administrator check to prevent this issue from occurring?**

- a) The SOAP Service is running.
- b) All network switch ports have spanning tree protocol disabled.
- c) The target devices are configured to start up from hard disk.
- d) High availability is enabled on the vDisks.

**08. Which action must an administrator take to configure unattended backups of virtual machine configurations?**

- a) Schedule virtual machine metadata.

- b) Schedule a virtual machine snapshot.
- c) Configure virtual machine protection policies.
- d) Configure a script for exporting virtual machines.

**09. An administrator needs to run commands to specify \_\_\_\_\_ to configure email alerts at the host level.**

- a) alarm\_priority on the host
- b) alarm\_priority on the virtual machine
- c) the sender email address and SMTP server
- d) the recipient email address and SMTP server

**10. Which two steps should an administrator take to back up the configuration of a virtual machine in XenServer on a regular basis?**

(Choose two.)

- a) Schedule virtual machine metadata.
- b) Access the resource pool configuration.
- c) Access the backup, restore and update option.
- d) Configure a scheduled snapshot of the virtual machine.

## Answers to 1Y0-A26 Exam Questions:

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

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)