



Vos contacts :  
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## CXS-200-1-Implementing Citrix XenServer Enterprise Edition 5.0

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| <b>Objectif</b>   | This course prepares learners to deploy and manage XenServer Enterprise Edition 5.0 and XenCenter. Through hands-on labs, learners will gain experience in installing and configuring a virtualization server and connecting to the server with XenCenter; creating virtual machines and managing virtual machine life-cycle operations; and creating a XenServer resource pool and connecting to remote storage.<br>In addition, learners will explore advanced XenServer capabilities such as XenMotion and automatic virtual machine placement.   |
| <b>Pré requis</b> | Prior to taking this course, Citrix recommends that learners possess the following knowledge and experience: <ul style="list-style-type: none"><li>• A basic knowledge of the purpose and goals of virtualization technology</li><li>• An understanding of computing architecture, including network and storage devices, device drivers and operating systems</li><li>• Basic experience installing and administering Windows Server 2003 or Windows Server 2008</li><li>• Basic experience installing and administering Linux variants</li><li>• Intermediate knowledge of network devices and site architecture, including configuring vLANs</li><li>• Basic knowledge of storage terminology and technologies, including partitions, SANs, LUNs, iSCSI, and NFS and CIFS file shares</li></ul> |
| <b>Durée</b>      | 2 jours  |

## Contenu

### Module 1 : Virtualization Overview

- Benefits
- Types of virtualization

### Module 2 : Product Overview

- Product architecture
- Architecture features

### Module 3 : Product Installation

- Hardware requirements
- Installing XenServer
- Installing XenCenter

### Module 4 : Windows Virtual Machines

- Creating ISO libraries
- Architecture
- Creating Windows VMs

### Module 5 : Linux Virtual Machines

- Architecture
- Creating Linux VMs

### Module 6 : Templates and Life-cycle Operations

- VM templates
- Life-cycle Operations

### Module 7 : XenConvert

### Module 8 : Resource Management

- Offline and online adjustment
- Enhanced resource controls
- Alerts and performance statistics

### Module 9 : Networking

- Physical networking
- Virtual networking
- NIC bonds

### Module 10 : Storage

- Physical storage
- Virtual storage

### Module 11 : Remote Storage

- Fibre Channel
- iSCSI
- NFS
- NetApp
- Multipathing

### Module 12 : Resource Pools

- Resource pool architecture
- Working with pools
- Configuring resource pools
- Automatic VM placement
- XenMotion live migration

### Module 13 : Business Continuity

- High availability
- Disaster recovery

### Module 13 : Command Line Interface

- Accessing and understanding the xe CLI
- Using basic commands to create objects and perform maintenance

### Module 14 : Troubleshooting

- Viewing event logs and reports
- Identifying tools
- Upgrades and patches