

# Course : Citrix XenApp and XenDesktop 7.15 (LTSR), administration

*Practical course - 5d - 35h00 - Ref. CXA*

*Price : 3370 € E.T.*

This course will give you the knowledge you need to successfully deploy Citrix XenApp, XenDesktop and its components. You'll learn how to install, configure and manage Citrix sites and publish resources (applications, desktops, content).

## Teaching objectives

**At the end of the training, the participant will be able to:**

- ✓ Install and configure XenApp 7.15 basic components
- ✓ Manage published resources: desktops, applications and content
- ✓ Managing access to virtual resources: StoreFront and Receiver
- ✓ Monitoring XenApp sites and user sessions with Citrix Director
- ✓ Manage and maintain XenApp server images using MCS and PVS provisioning services

## Intended audience

System and network administrators.

## Prerequisites

Good knowledge of Windows Server 2016, 2012 or 2008 system administration. Experience in Windows administration required.

## Course schedule

### 1 Technical Architecture

- VDA components, controller and agent.
- FlexCast models.

### 2 Site installation and configuration

- SQL Server databases: site, logging, monitoring.
- Ready-to-use XenApp/XenDesktop site.

## Hands-on work

Install and configure a controller and VDA agent. Create a site, catalog and provisioning group.

## PARTICIPANTS

System and network administrators.

## PREREQUISITES

Good knowledge of Windows Server 2016, 2012 or 2008 system administration. Experience in Windows administration required.

## TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

## ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

### 3 Administration

- Console studio, PowerShell.
- Delegate tasks to a personalized administrator.

#### Hands-on work

Implement delegation of administration, management reports and logging.

### 4 Resource access management

- StoreFront redundancy and load balancing.
- Configure and deploy Citrix Receiver.

#### Hands-on work

Install and configure Citrix Receiver LTSR and Citrix Storefront. Create Storefront stores. Customize Receiver for Web sites.

### 5 Provisioning and resource supply

- Citrix provisioning: MCS, PVS.
- Integrate with market hypervisors (vSphere, XenServer, HyperV...).
- Catalog, provisioned provisioning group.

#### Hands-on work

Connect XenApp/XenDesktop controllers to the Hypervisor. Create a master image, a machine catalog by Provisioning. Update machines in a catalog.

### 6 Resource publishing (applications, desktops, content)

- Publishing methods and tools.
- Workspace control.
- Manage provisioning groups and print drivers.

#### Hands-on work

Publish and configure applications, desktops and content. Create and configure application groups and printing.

### 7 User profile management

- Strategy roles, categories, rules, filters and priorities.
- Using templates.
- Citrix strategies with Microsoft Active Directory GPOs.

#### Hands-on work

Implement security through policies and user profiles (Citrix UPM).

### 8 Optimization and monitoring of user sessions

- Citrix XenApp load balancing.
- Monitoring and control tools (PowerShell, Director).
- Alert management.

#### Hands-on work

Configure load balancing and remote assistance. Troubleshoot with Citrix Director.

#### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

#### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

#### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.

