

# Course : Citrix Virtual Desktop (VDesktop)

*Practical course - 5d - 35h00 - Ref. CIK*  
*Price : 3960 € E.T.*

This training course will enable you to master and deploy the Citrix Virtual Desktop 7 LTSR VDI solution. You'll learn how to install, configure and manage Windows virtual desktops in the data center, making them available to end users wherever they are.

## Teaching objectives

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

-  Install and create a Citrix Virtual Desktop site
-  Implement MCS (Machine Creation Service) provisioning to deliver virtual desktops
-  Configuring administration delegation
-  Generate administration reports

## Intended audience

System and network administrators.

## Prerequisites

Good knowledge of Windows 2019, 2016 or 2012 system administration.  
Experience in Windows administration required.

## Course schedule

### 1 Citrix Virtual Desktop architecture

- Components of a Citrix VDI (Virtual desktop infrastructure) solution.
- flexcast technology and virtual desktop models.
- What's new in Citrix Virtual Desktop 7 1912 LTSR.
- Install and configure a license server.
- License system monitoring.

### PARTICIPANTS

System and network administrators.

### PREREQUISITES

Good knowledge of Windows 2019, 2016 or 2012 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.

## 2 Installing and deploying Citrix Virtual Desktop

- Hardware and software requirements.
- Creation of an unmanaged reference image.
- Creation of a new site.
- Troubleshooting the system.

### Hands-on work

Installation and creation of a Citrix Virtual Desktop site.

## 3 Provisioning via MCS (Machine creation service)

- MCS architecture and components.
- Image creation and management.

### Hands-on work

Create a managed reference image. Connect a Citrix Virtual Desktop controller to a hypervisor. Implement MCS provisioning and deliver virtual desktops.

## 4 Provisioning services management (PVS)

- PVS architecture and components.
- Install and configure Citrix PVS.
- Create and manage vDisks.

### Hands-on work

Install Citrix PVS. Create a PVS farm. Implement PVS provisioning and provide virtual desktops (vDisk, PVS Catalog).

## 5 Site administration

- Management tools (console studio, desktop director, StoreFront, PowerShell).
- Delegate tasks to a personalized administrator.
- Management task logging.
- Power management.

### Hands-on work

Configure administration delegation and generate administration reports.

## 6 Managing Citrix user profiles and environments

- Configure Citrix UPM (User profile management).
- The WEM.

### Hands-on work

Citrix UPM configuration.

### 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 to review your request and its feasibility.

## 7 Site monitoring

- Analysis and reports on session activities.
- Alert and notification management.
- Interaction with user sessions.

### Hands-on work

Installation and configuration of Citrix director. Remote assistance configuration.

### Times

Courses take place from 09:00 to 12:30 and from 14:00 to 17:30.

Participants may arrive beginning at 08:45. Breaks and lunches are complimentary.

For four- and five-day hands-on courses, sessions end at 16:00 on the last day of the course, regardless of the teaching mode..