Course : Citrix Virtual Apps & Desktops 7 2203 LTSR (CVAD)

Deploy applications and virtual desktops
Practical course - 5d - 35h00 - Ref. CVD
Price : 3370 € E.T.

★★★★⯪ **4,8 / 5**

Ce cours d'administration permet d'acquérir les connaissances et les compétences de base sur l'architecture et les composants de la solution Citrix Virtual Apps & Desktop (anciennement XenApp & XenDesktop) pour déployer, configurer, gérer et superviser une ferme Citrix,

🎯 Teaching objectives

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

- ✅ Understand the concepts of application virtualization and desktop virtualization (VDI)
- ✅ Understand the differences between Citrix On-Premises and Cloud architectures
- ✅ Install, configure and manage Citrix Virtual Apps and Desktops farms
- ✅ Configure and deliver applications and virtual desktops to users
- ✅ Configuring the user work environment: Citrix UPM roaming profiles
- ✅ Configure the user work environment: printing, favorites and basic security functions

Intended audience

Support technicians, administrators, systems engineers.

Prerequisites

Basic knowledge of Microsoft Windows and Active Directory system administration.

Course schedule

PARTICIPANTS
Support technicians, administrators, systems engineers.

PREREQUISITES
Basic knowledge of Microsoft Windows and Active Directory system administration.

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.

1 Introduction to Citrix Virtual Apps & Desktop 2203 LTSR

- Features and types of published resources.
- Citrix DaaS (Desktop as a Service) and Citrix VDI (Virtual Desktop Infrastructure).
- FlexCast models.
- What's new in version 2203 LTSR.
- Citrix Virtual Apps & Desktop architecture and components.
- Description of protocols and connection flows.

2 Installing and configuring a Citrix Virtual Apps & Desktops site

- Pre-deployment considerations.
- Support for infrastructure licensing considerations.
- Hardware and software requirements.
- Install and manage the Citrix license server.
- Controller's role.
- Creation and configuration of a ready-to-use site.
- Databases and local host cache (LHC).

Hands-on work
Controller installation. Citrix site creation.

3 Workload provisioning: VDA and Master Image

- Virtual Delivery Agent (VDA) presentation.
- Main image creation methods.
- Machine catalogs and staging groups.
- Provisioning methods and considerations (MCS and PVS).
- Introducing Machine Creation Services (MCS).

Hands-on work
Create and configure an MCS master image. Create catalogs and staging groups.

4 Providing access with Citrix StoreFront and WorkSpace App

- StoreFront architecture.
- Install and configure Citrix StoreFront.
- Creation of "Receiver for Web" stores and sites.
- Overview of Citrix ICA/HDX presentation protocol.
- Install and configure Citrix Receiver and WorkSpaceApp.

Hands-on work
Install and configure Citrix Storefront. Create a new store.

5 Citrix strategies and virtual resources

- Introduction to strategies.
- Policy creation with Studio and Microsoft Group Policy.
- Troubleshooting strategies.
- Methods for publishing applications and virtual desktops.
- Application properties. Application groups.
- Publish content. Workspace control.
- Pre-launch and Session waiting.

Hands-on work
Create and apply Citrix security policies. Publish and configure applications. Create application groups.

6 Manage and monitor sessions, sites and users with Director

- Director overview.
- Monitoring and alerting with Director Dashboard.
- Monitor and manage end-user sessions.
- Introducing Citrix Analytics.
- Troubleshooting.

Hands-on work

Installation and configuration of Citrix Director. Implementation of user support.

7 Citrix printing environment management

- Introduction to Citrix printing.
- Driver management.
- Set up and manage Citrix universal print server.
- Print troubleshooting.

Hands-on work

Universal printing.

8 Managing user profiles with Citrix UPM

- Introduction to Citrix UPM (User Profile Management).
- Configure and manage Citrix profiles.

Hands-on work

Configuring roaming profiles with Citrix UPM.

9 Citrix site management and troubleshooting

- Tools list.
- Delegated administration.
- Routine tasks for proactive administration.
- Logging and reporting.
- Management and troubleshooting using Citrix PowerShell modules.
- Power management.

Hands-on work

Implementation of administration delegation. Generate management reports.

10 Optimization of Citrix Virtual Apps & Desktops

- Load balancing overview.
- VDA optimization with Citrix Optimizer.
- Citrix WEM user experience presentation.
- HDX optimization.

Hands-on work

Implement load balancing. Optimizing VDA with Citrix Optimizer.

Dates and locations

REMOTE CLASS   PARIS LA DÉFENSE

2026 : 16 Mar., 8 June, 21 Sep., 30 Nov.

2026 : 8 June, 21 Sep., 30 Nov.