# Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud («CWS215»)

In this course you will learn how to create a new Citrix Virtual Apps and Desktops deployment. It will also introduce you to Citrix Cloud and Citrix DaaS to become familiar with these products.

**Duration:** 5 days
**Price:** 4'500.–
**Course documents:** Original electronic Citrix courseware (eCourseware)
**Vendor code:** CWS-215

## Content

1. Module: Introduction to Citrix Virtual Apps and Desktops
   - New Citrix Workspace Packaging
   - Introduction to Citrix Virtual Apps and Desktops
   - Citrix Virtual Apps and Desktops 2203 LTSR Refresh – What's New
   - End-User and Admin Experience
2. Module: Planning – Architecture Overview
   - Overview of Citrix Virtual Apps and Desktops Components
   - Citrix Virtual Apps and Desktops Features and Resource Capabilities
   - Hosting Platform Considerations
   - Connection Flow Process Introduction
3. Module: Planning - Citrix Virtual Apps and Desktops Site Considerations
   - Pre-Deployment Considerations
   - Citrix Licensing Setup
   - Delivery Controller Setup
   - Citrix Virtual Apps and Desktops Site Setup
   - Redundancy Considerations
4. Module: Planning – Provisioning Workloads: VDA and Master Image Prep
   - Master Image Creation Methods
   - Master Image Requirements
5. Module: Planning – Provisioning Workloads: VDA and Master Image Prep
   - Machine Catalogs and Delivery Groups
   - Provisioning Methods and Considerations
   - Machine Creation Services – Deep Dive
   - MCS Environment Considerations
6. Module: Planning – Providing Access to End Users
   - StoreFront Overview
   - StoreFront Beacons
   - Citrix Workspace app
   - StoreFront Features
7. Module: Planning – Managing the User Experience
   - Citrix Policies – Methods to Manage Policies
   - Citrix HDX Features – Using Policies
8. Module: Planning - Published App and Desktop Presentation and Management
   - Published App Properties
   - Server OS Published App Optimizations
   - Published App Presentation
   - Application Groups
   - Apps and Desktops Presentation
9. Module: Planning – Printing for User Sessions
   - Printing Concepts and Printer Provisioning

- Printer Drivers
- Print Environment – Considerations

10. Module: Planning – Profile Management
- User Profiles – Introduction and Considerations
- Configuring Citrix Profile Management
- Profile Containers – VHDX-based Policies

11. Module: Planning – Manage the Site
- Delegated Administration
- Use PowerShell with Citrix Virtual Apps and Desktops
- Power Management Considerations

12. Module: Planning - Citrix Virtual Apps and Desktops Basic Security Considerations
- Citrix Admin Security Considerations
- XML Service Security Considerations
- Secure HDX External Traffic

13. Module: Rollout - Citrix Workspace app Deployment and Configuration
- Citrix Workspace Deployment and Configuration

14. Module: Manage Citrix Virtual Apps and Desktops Deployment
- Citrix Director Introduction
- Monitor and Interact with User Sessions
- Published Apps Analysis
- Monitor the Machines Running the VDA
- Site Specific Common Monitoring
- Alerts and Notifications
- Optimize Citrix Director Monitoring with Citrix Application Delivery Management
- Citrix Analytics Introduction
- Prepare to use Citrix Analytics
- Types of Analytics

15. Module: Manage - Supporting and Troubleshooting Citrix Virtual Apps and Desktops Workloads
- Introduction to Supporting a Citrix Virtual Apps and Desktops Site
- A List of Common Tools
- Common Tasks for Proactive Administration

16. Module: Optimize – Citrix Virtual Apps and Desktops Deployment
- Optimizing VDAs – Citrix Optimizer
- Citrix Workspace Environment Management Overview
- HDX Optimization

17. Module: Introduction to Citrix Cloud with Citrix DaaS
- What is Citrix Cloud?
- Why Citrix DaaS?
- Migration from Citrix Virtual Apps and Desktops to Citrix DaaS
- Citrix Cloud Administration

## Key Learnings

- Understanding the differences between Citrix Virtual Apps and Desktops 2203 LTSR on-premises
- Installing, configuring, and managing Citrix Virtual Apps and Desktops environment
- Creating Citrix Virtual Apps and Desktops workloads
- Delivering app and desktop resources to users
- Introducing Citrix Cloud and Citrix DaaS

## Target audience

This course is aimed at administrators and engineers.

## Additional information

In this course you will receive electronic course material. The documents will be sent to you prior to the course to the address you provided upon registration. Please bring your own tablet or laptop to read the contents and exercises parallel to the course or to save the documents in the right place.

## Further courses

- Citrix Virtual Apps and Desktops 7 Architect Design Solutions («CWS415»)
- Citrix Virtual Apps and Desktops 7 Advanced Deployment, Troubleshooting, Security and Administration
- Citrix Workspace Environment Management Deployment and Administration

## Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-digital-transformation-technologies/cloud/underlying-technologies/course-citrix-virtual-apps-and-desktops-7-administration-on-premises-and-in-citrix-cloud-cws-215