

Citrix XenApp and XenDesktop 7.1x Optimization and Troubleshooting

Certification: [CCP-V*](#) | Course Length: [3 days](#) | Instructional Method: [Classroom or Virtual with hands-on labs](#)

Course Overview:

Get more value out of your XenApp and XenDesktop investment through the use of Workspace Environment Management, Application Layering, advanced features, and troubleshooting tools. You'll leave this course with a good understanding of how to manage more complex solutions such as multi-zone environments spanning multiple locations with configurations around StoreFront, the Delivery Controllers, and HDX. You'll gain the skills to improve logon times, user personalization, and resource performance through Workspace Environment Management. Also, learn to optimize management of your app and desktop images by building and combining App Layers.

What you'll learn:

- How to configure Workspace Environment Management to improve the end user environment and virtual resource consumption
- Understand Zones in XenApp and XenDesktop and how to account for user and desktop locations and optimal connection and registration
- How to configure and manage App Layering with XenApp and XenDesktop
- Understand and configure HDX channels and protocols for improved performance delivering multimedia and data over network connections
- Understand user connection flows and tools to better troubleshoot end user issues

Is this course for you?

Built for experienced IT Professionals working with XenApp and XenDesktop. Potential students include administrators, engineers, and architects responsible for the end user workspace, and overall health and performance of the solution.

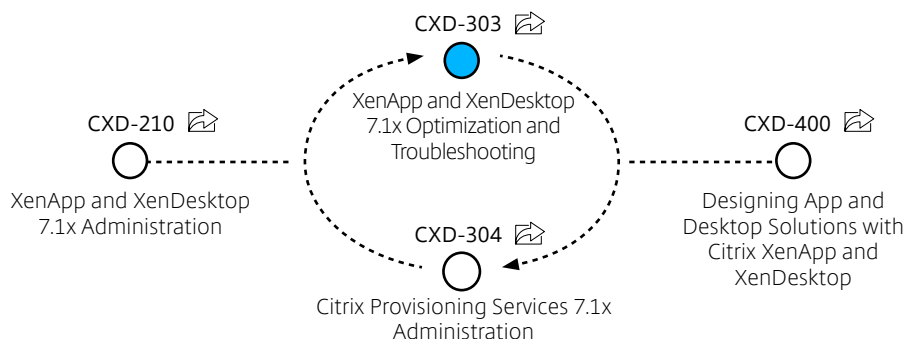
Prerequisite Knowledge:

Strong foundational knowledge of XenApp and XenDesktop 7.1x. Citrix recommends students prepare for this course by taking the following course: CXD-210 Citrix XenApp and XenDesktop 7.1x Administration.

Citrix Versions Covered:

This course is currently on XenApp and XenDesktop 7.13.

Learning Path:



*Associated exam for this course to be announced leading to the CCP-V certification. This course partially prepares students for the exam along with the CXD-304. Alternatively students may attend the CXD-310 which corresponds with all materials on the exam

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Module 1: Intermediate FlexCast Management Architecture (FMA)

- FMA Services
- SQL database connectivity and security
- Zones in FMA

Module 2: Workspace Environment Management (WEM)

- Introduction to WEM
- Installation and configuration
- Administration
- (Additional WEM topics covered later in the course)

Module 3: The Virtual Desktop Agent (VDA)

- VDA registration in a multi zone environment
- VDA connection security
- Workspace Environment Management VDA agent

Module 4: App Layering

- App Layering architecture
- Configuring and assigning app layers
- Managing app layers

Module 5: User Environment

- Optimizing session machines with WEM
- Zone Preference
- User Profile Management with WEM

Module 6: StoreFront Optimization and Routing

- User experience optimizations
- Optimal Gateway routing and Zones
- Subscription Store

Module 7: HDX and Multimedia

- Enlightened Data Protocol (EDT)
- HDX virtual channel architecture
- Multimedia delivery and redirection
- Delivering Skype for Business with XenApp and XenDesktop

Module 8: Supporting and Troubleshooting User connection issues

- Advanced connections and communications
- Troubleshooting tools
- Common misconfiguration