

Citrix Virtual Apps and Desktops 7, App Layering, and WEM Administration (Fast-Track)

Learn via: **Classroom/Virtual**

Duration: **5 Days**

Overview

This accelerated 5-day course is designed for experienced IT professionals to build the foundational administration aspects of installing, configuring and managing a Citrix Virtual Apps and Desktops 7 environment.

Learn about configuring policies, printing and basic security features as well as more advanced topics including Windows Environment Management (WEM) and App Layering.

Gain an understanding of the solution architecture and communications, and the factors that contribute to a successful deployment.

Also, learn how to monitor and troubleshoot the environment with a Citrix Director and Citrix Analytics.

Is this course for me?

Built for experienced IT Professionals new to Citrix Virtual Apps and Desktops 7 in an on-prem or Citrix Cloud environment looking to gain as much information as possible in the 5-day course. In this course, you will learn the considerations and how-to setup a new Citrix Virtual Apps and Desktop site including advanced topics as WEM and App Layering allowing fast-track preparation for the CCP-V certification.

Versions covered

This course is currently on Citrix Virtual Apps and Desktop 7 1903

Prerequisites

Citrix course materials are only available to delegates in e-courseware format. Delegates will be provided with instructions on how to access their e-courseware on day one of the event. Those delegates who are attending via either virtual or extended classroom will be required to provide either three monitors (to view courseware, labs and instructor demos simultaneously) or two monitors and a mobile device. Delegates will be required to have an active TCC (Training.Citrix.com) account in order to access course materials and labs.

Please set up Your TCC account up in advance of the course using the following link:

<https://www.citrix.com/welcome/create-account/create-account-form.html>

Please note: It is highly recommended that the delegate uses a personal email address (rather than company email) to set up their TCC account. If you do not wish to reference your company name when setting up your TCC account we recommend you use 'EDUCALC' as reference.

Should you encounter any issues in setting up your TCC account please ensure that you raise this directly with Citrix in advance of your event by visiting <http://training.citrix.com> then on the home page click, Help, then select Classroom Support, and submit a Critical or High priority request notifying Citrix of the course start date.

Technical pre-requisites

This course is taught at a much faster pace and experience with previous versions is recommended. Previous knowledge of legacy versions of Citrix Virtual Apps or Citrix Virtual Desktops is also beneficial due to the faster pace of this course.

What You Will Learn

- How to install, configure, and manage a Citrix Virtual Apps and Desktops 7 site on-premises and on Citrix Cloud including how to migrate from on-

premises to Citrix Cloud

- How to configure Workspace Environment Management to improve the end user environment and virtual resource consumption
- App Layering skills to create and administer OS, platform, application, elastic and user layers

Outline

Module 1: Architecture Overview

- Introduction to Citrix Virtual Apps and Desktops
- Architecture Overview
- Features
- Hosting Platform Considerations
- Citrix Virtual Apps and Desktops Service
- Connection Flow Process Introduction

Module 2: Deploy the Site

- Pre-Deployment Considerations
- Citrix Licensing Setup
- Delivery Controller Setup
- Site Setup and Management
- Redundancy Considerations

Module 3: The Apps and Desktops Images

- Consider Master Image Creation Methods
- Master Image Requirements

Module 4: Provision and Deliver App and Desktop Resources

- Learning Objectives
- Machine Catalogs and Delivery Groups
- Provisioning Methods and Considerations
- Machine Creation Services (MCS) Deep Dive
- MCS Environment Considerations
- Resource Locations

Module 5: Provide Access to App and Desktop Resources

- Consider Workspace Experience versus StoreFront
- Workspace App

Module 6: Manage the User Experience

- Methods to Manage the User Experience

Module 7: Published App and Desktop Presentation and Management

- Published App Properties
- Server OS Published App Optimizations
- Published App Presentation
- Application Groups
- Apps and Desktops Presentation

Module 8: Manage Printing for User Sessions

- Map Printers to the User Session
- Printer Drivers
- Print Environment Considerations

Module 9: Citrix Profile Management

- Introduction and Considerations
- Configure Citrix Profile Management

Module 10: Manage the Site

- Delegated Administration
- Power Management Considerations

Module 11: Citrix Virtual Apps and Desktops Basic Security Considerations

- Citrix Admin Security Considerations
- XML Service Security Considerations

- Secure HDX External Traffic

Module 12: Monitor the Site

- Citrix Director Introduction
- Monitor and Interact with User Sessions
- Published Apps Analysis
- Monitor the Machines Running the VDA
- Alerts and Notifications

Module 13: Introduction to Supporting and Troubleshooting Citrix Virtual Apps and Desktops

- Introduction to Supporting a Citrix Virtual Apps and Desktops Site Tools

Module 14: Migrate to Citrix Cloud

- Migration Considerations
- Citrix Cloud Connector Deployment
- Citrix Virtual Apps and Desktops with an On-Premises
- Resource Location
- The Migration Process

Module 15: Citrix Analytics

- Citrix Analytics Introduction
- Types of Analytics

Module 16: Introduction to App Layering

- App Layering Introduction
- Architecture and How it Works

Module 17: Create an OS Layer

- The OS Layer

Module 18: Create a Platform Layer

- The Platform Layer

Module 19: Create App Layers

- The App Layers

Module 20: : Create Elastic App and User Layers

- Elastic App Layering
- User Layers

Module 21: Deploy a Layered Image using Citrix Virtual Apps and Desktops

- Using Templates in App Layering
- Using Layered Images in a Citrix Virtual Apps and Desktops Site

Module 22: Explore Layer Priority and Maintain an App Layering Environment

- Layer Priority
- Updating Layers
- Maintaining and Updating the App Layering Environment
- Common App Layering Considerations and Additional Resources

Module 23: Introduction to Workspace Environment Management (WEM)

- Workspace Environment Management (WEM) Introduction
- WEM Administration

Module 24: Use WEM to Centralize Environment Management

- Managing User Resources with WEM
- Managing Profiles with WEM
- Managing Endpoints with the WEM Transformer Feature

Module 25: Use WEM for Performance Optimization

- Learning Objectives
- Optimizing Machine Performance with WEM
- Optimizing User Experience with WEM

Module 26: Use WEM to Secure Environments

- Use WEM to Secure Environments
- WEM Security Features

Module 27: Migrate and Upgrade WEM

- Migrating to WEM
- Upgrading a WEM Deployment
- WEM Multi-Location Considerations