

# CXD-304 Citrix Provisioning 7.1x Administration

## Course Overview

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This is a 2-day class

Improve your Citrix Virtual Apps and Desktops image management and performance with Citrix Provisioning. Learn to install and configure a highly available Citrix Provisioning farm according to leading practices. In this course, you will learn about the architecture, communication, and processes that make up Citrix Provisioning to be successful with deploying and managing a farm. Manage and integrate vDisks and target devices with Citrix Virtual Apps and Desktops for easy rollback, upgrades, and performance of Virtual Delivery Agent machines. At the end of this course you will be able to install, configure and manage the Provisioning Services solution.

## Who Should Attend

Built for experienced IT Professionals working with Citrix Virtual Apps and Desktops who need to plan for, implement, or manage a Provisioning Services environment. Potential students include administrators, engineers, and architects.

## Course Objectives

- Understand Provisioning Services architecture and communication
- How to install and configure a Provisioning Services farm
- How to deploy Provisioning Services target devices for use with Citrix Virtual Apps and Desktops Delivery Agents
- How to manage a Provisioning Services farm, vDisks, and target devices
- Understand Provisioning Services redundancy and failover

## Course Outline

### 1 Advanced Provisioning with Provisioning Services

Getting started with Provisioning Services  
Provisioning Services Architecture

### 2 Provisioning Services Infrastructure

Cloud Connector Architecture  
The PVS server role  
The Farm database  
The vDisk Store

### 3 Streaming the vDisk

Introduction to vDisks  
Machine preparation  
Streaming vDisks  
Boot methods

### 4 Target Devices

Introduction to target devices  
Data I/O  
Handling persistent and non-persistent data

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## 5 Integrating Provisioning Services with Citrix Virtual Apps and Desktops

Citrix Virtual Apps and Desktops Setup Wizard  
Device Collections  
Published Apps and Desktops  
Using Provisioning Services with Citrix Virtual Apps and Desktops

## 6 Provisioning Services Redundancy

Farm component redundancy  
Store redundancy  
Database redundancy

## 7 Supporting Provisioning Services

Performing updates  
Auditing and support  
vDisk imaging  
Migrating vDisk images  
Troubleshooting