

## **Citrix Provisioning Administration (CXD-304)**

### **COURSE OVERVIEW:**

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 WILL BENEFIT FROM THIS COURSE?**

This course is 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.

### **PREREQUISITES:**

Foundational knowledge of Citrix Virtual Apps and Desktops 7.1x. Citrix recommends students prepare for this course by taking the following course: CXD-210 Citrix Virtual Apps and Desktops 7.1x Administration.

### **COURSE OBJECTIVES:**

What you'll learn:

- 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:**

#### **Module 1: Advanced Provisioning with Provisioning Services**

- Getting started with Provisioning Services
- Provisioning Services Architecture

#### **Module 2: Provisioning Services Infrastructure Cloud Connector Architecture**

- The PVS server role
- The Farm database
- The vDisk Store

#### **Module 3: Streaming the vDisk**

- Introduction to vDisks
- Machine preparation
- Streaming vDisks
- Boot methods

**Module 4: Target Devices**

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

**Module 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

**Module 6: Provisioning Services Redundancy**

- Farm component redundancy
- Store redundancy
- Database redundancy

**Module 7: Supporting Provisioning Services**

- Performing updates
- Auditing and support
- vDisk imaging
- Migrating vDisk images
- Troubleshooting

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