# CWS-316: Citrix Provisioning 7 Administration

**Duration: 2 Days**

**Prerequisites:**

Required:

Strong foundational knowledge of Citrix Virtual Apps and Desktops 7.

Recommended:

CWS-215: Citrix Virtual Apps and Desktops 7 Administration On-Premises and in Citrix Cloud

**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

**Course Description:**

The two-day course enables you to install, configure, and manage the Citrix Provisioning 7 solution. This is one of our most liked Citrix courses that helps develop your skills for installing and configure a highly available Citrix Provisioning farm as per leading practices. You learn Citrix Provisioning architecture, communication, and processes for successfully deploying and managing a farm. The training also explains how to manage, integrate vDisks and target devices with Citrix Virtual Apps and Desktops for easy rollback, upgrades, and performance of Virtual Delivery Agent machines. The CWS-316 is one of the Citrix-recommended training for the Citrix Certified Professional-Virtualization (CCP-V) certification's partial preparation.

**Course Outlines:**

**Advanced Provisioning**

- Learning Objectives
- Introduction to Citrix Provisioning PVS
- Getting Started with Citrix Provisioning
- Citrix Provisioning Architecture

**Citrix Provisioning Infrastructure**

- Lab VM Power Management
- Learning Objectives
- The Citrix Provisioning Server
- The Farm Database
- The Store

**Streaming the vDisk**

- Lab VM Power Management
- Learning Objectives
- vDisk Introduction
- Master Target Device Preparation
- Streaming Introduction
- Boot Methods

**Target Devices**

- Lab VM Power Management
- Learning Objectives
- Target Devices Introduction
- Reads and Writes
- Machine and User Data

**Integrating Citrix Provisioning with Citrix Virtual Apps and Desktops**

- Lab VM Power Management
- Learning Objectives
- The Complete Architecture Overview
- The Citrix Virtual Desktops Setup Wizard
- Manage the Target Devices through Creating Device Collections
- Using Provisioned Services with Citrix Virtual Apps and Desktops
- Managing Citrix Provisioning from Citrix Cloud

**Advanced Architecture**

- Lab VM Power Management
- Learning Objectives
- Farm Component Scalability
- Store Redundancy
- Farm Database Redundancy

**Supporting Citrix Provisioning**

- Lab VM Power Management
- Learning Objectives
- vDisk Updates
- Delegate Administration
- Audit and Support
- Alternative vDisk Update Methods

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