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## CXD-250 Moving to the Citrix Virtual Apps and Desktops Service on Citrix Cloud

### Overview

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Students learn how to navigate the move from Citrix Virtual Apps and Desktops 7.1x on-premises to Citrix Virtual Apps and Desktops Service on Citrix Cloud. Hands-on course that guides students through the architecture, communications, management, installation, and configuration of Citrix Cloud and the Cloud Connector. Learn about the services available in Citrix Cloud with a focus on the Citrix Virtual Apps and Desktops Service. If students are planning a move to Citrix Cloud or starting out anew, this course is a necessary step in enabling students with the right training and skills to understand, manage, and deliver successfully. In this course students will not only learn how to migrate from an on-premises solution to using the Citrix Cloud management plane, but also considerations for moving workloads to public clouds.

### Prerequisite Comments

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Foundational knowledge of Citrix Virtual Apps and Desktops 7.1x

### Target Audience

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Developed for IT Professionals who are responsible for migrating or supporting some or all of their on-premises Citrix Virtual Apps and Desktops infrastructure to the Citrix Virtual Apps and Desktops Service on Citrix Cloud.

### Course Objectives

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Understand the differences between Citrix Virtual Apps and Desktops 7.1x on-premises and the Citrix Virtual Apps and Desktops Service  
How to install, configure, and manage Citrix Cloud Connectors  
How to deliver app and desktop resources to on-premises locations  
How to migrate existing on-premises Citrix Virtual Apps and Desktops 7.1x infrastructure to the Citrix Cloud

### Course Outline

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#### 1 - Introduction to Citrix Cloud

What is Citrix Cloud  
Citrix Cloud Services  
Citrix Cloud Operation and Architecture  
Citrix Cloud Administration

## 2 - Citrix Cloud Connectors

Cloud Connector Architecture  
Installing and configuring Citrix Cloud Connectors  
Securing Citrix Cloud Connectors  
Citrix Cloud with Multiple Domains

## 3 - Introduction to the Citrix Virtual Apps and Desktops Service

Citrix Virtual Apps and Desktops 7.1x Deployment Models  
Citrix Virtual Apps and Desktops 7.1x Service with On-Premises Resources  
Configuring the Citrix Virtual Apps and Desktops 7.1x Service  
Delivering Apps and Desktop to End-Users Using On-Premises Resources with MCS

## 4 - Managing the Citrix Virtual Apps and Desktops Service

Citrix Studio and Director  
Citrix Virtual Apps and Desktops 7.1x Remote PowerShell SDK  
Managing Multiple Resource Locations  
Using PVS with the Citrix Virtual Apps and Desktops 7.1x Services

## 5 - Providing Access in Citrix Cloud

Selecting Between Workspace Experience and On-premises StoreFront  
Consideration for Citrix Gateway Locations  
User Authentication

## 6 - Operations and Support in Citrix Cloud

Citrix Smart Tools  
Cloud Connector Operations  
Monitoring your Environment

## 7 - Public Cloud Considerations

General Public Cloud Considerations  
Microsoft Azure as a Citrix Cloud Resource Location (Lecture only)  
Amazon Web Services as a Citrix Cloud Resource Location (Lecture only)

## 8 - On-Premises Migration to the Citrix Virtual Apps and Desktops Service

Citrix Cloud Migration Options and Considerations  
Migrating Machine Catalogs and Delivery Groups  
Migrating Policies and Settings  
Considerations for Migrating to a Public Cloud

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