ProTech Professional Technical Services, Inc.

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

Course Summary

Description

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. Get hands-on as the course guides you 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 you are planning a move to Citrix Cloud or starting out anew, this course is a necessary step in enabling you with the right training and skills to understand, manage, and deliver successfully. In this course you 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.

Objectives

After taking this course, students will be able to:
- Understand the differences between Citrix Virtual Apps and Desktops 7.1x on-premises and the Citrix Virtual Apps and Desktops Service
- Install, configure, and manage Citrix Cloud Connectors
- Deliver app and desktop resources to on-premises locations
- Migrate existing on-premises Citrix Virtual Apps and Desktops 7.1x infrastructure to the Citrix Cloud

Topics

- Introduction to Citrix Cloud
- Citrix Cloud Connectors
- Introduction to the Citrix Virtual Apps and Desktops Service
- Managing the Citrix Virtual Apps and Desktops Service
- Providing Access in Citrix Cloud
- Operations and Support in Citrix Cloud
- Public Cloud Considerations
- On-Premises Migration to the Citrix Virtual Apps and Desktops Service

Audience

This course is built 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.

Prerequisites

Before taking this course, you should have Foundational knowledge of Citrix Virtual Apps and Desktops 7.1x.

Duration

Three days

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Course Outline

I.   Introduction to Citrix Cloud
- A.   What is Citrix Cloud
- B.   Citrix Cloud Services
- C.   Citrix Cloud Operation and Architecture
- D.   Citrix Cloud Administration

II.   Citrix Cloud Connectors
- A.   Cloud Connector Architecture
- B.   Installing and configuring Citrix Cloud Connectors
- C.   Securing Citrix Cloud Connectors
- D.   Citrix Cloud with Multiple Domains

III.   Introduction to the Citrix Virtual Apps and Desktops Service
- A.   Citrix Virtual Apps and
- B.   Desktops 7.1x Deployment Models
- C.   Citrix Virtual Apps and
- D.   Desktops 7.1x Service with On-Premises Resources
- E.   Configuring the Citrix Virtual Apps and
- F.   Desktops 7.1x Service
- G.   Delivering Apps and Desktop to End-Users Using On-Premises Resources with MCS

IV.   Managing the Citrix Virtual Apps and Desktops Service
- A.   Citrix Studio and Director
- B.   Citrix Virtual Apps and
- C.   Desktops 7.1x Remote PowerShell SDK
- D.   Managing Multiple Resource Locations
- E.   Using PVS with the Citrix Virtual Apps and
- F.   Desktops 7.1x Services

V.   Providing Access in Citrix Cloud
- A.   Selecting Between Workspace Experience and On-premises StoreFront
- B.   Consideration for Citrix Gateway Locations
- C.   User Authentication

VI.   Operations and Support in Citrix Cloud
- A.   Citrix Smart Tools
- B.   Cloud Connector Operations
- C.   Monitoring your Environment

VII.   Public Cloud Considerations
- A.   General Public Cloud Considerations
- B.   Microsoft Azure as a Citrix Cloud Resource Location (Lecture only)
- C.   Amazon Web Services as a Citrix Cloud Resource Location (Lecture only)

VIII.   On-Premises Migration to the Citrix Virtual Apps and Desktops Service
- A.   Citrix Cloud Migration Options and Considerations
- B.   Migrating Machine Catalogs and Delivery Groups
- C.   Migrating Policies and Settings
- D.   Considerations for Migrating to a Public Cloud