

COURSE OUTLINE

CMB-318: Citrix Virtual Apps and Desktops 7, App Layering and WEM Administration (Fast Track) e-Learning

Duration: 2 Days

Prerequisites:

Recommended:

- Previous knowledge of legacy versions of Citrix Virtual Apps or Citrix Virtual Desktops is recommended.

Objectives:

- How to install, configure, and manage a Citrix Virtual Apps and Desktops 7 site on-premises and on Citrix Cloud
- How to configure Workspace Environment Management to improve the end user environment and virtual resource consumption
- App Layering skills to create and administer OS, platform, application, elastic and user layers

Course Description:

This e-Learning course is designed for experienced IT professionals to build the foundational administration aspects of installing, configuring and managing a Citrix Virtual Apps and Desktops 7 environment. Learn about configuring policies, printing and basic security features as well as more advanced topics including Windows Environment Management (WEM) and App Layering. Gain an understanding of the solution architecture and communications, and the factors that contribute to a successful deployment. Also, learn how to monitor and troubleshoot the environment with a Citrix Director and Citrix Analytics.

Course Outlines:

- 1)Architecture Overview
 - Introduction to Citrix Virtual Apps and Desktops
 - Architecture Overview
 - Features
 - Hosting Platform Considerations
 - Citrix Virtual Apps and Desktops Service
 - Connection Flow Process Introduction
- 2)Deploy the Site
 - PreDeployment Considerations
 - Citrix Licensing Setup
 - Delivery Controller Setup
 - Site Setup and Management
 - Redundancy Considerations
- 3)The Apps and Desktops Images
 - Consider Master Image Creation Methods
 - Master Image Requirements
- 4)Provision and Deliver App and Desktop Resources
 - Learning Objectives
 - Machine Catalogs and Delivery Groups
 - Provisioning Methods and Considerations
 - Machine Creation Services MCS Deep Dive
 - MCS Environment Considerations
 - Resource Locations
- 5)Provide Access to App and Desktop Resources
 - Consider Workspace Experience versus StoreFront
 - Workspace App
- 6)Manage the User Experience
 - Methods to Manage the User Experience
- 7)Published App and Desktop Presentation and Management
 - Published App Properties
 - Server OS Published App Optimizations
 - Published App Presentation
 - Application Groups
 - Apps and Desktops Presentation
- 8)Manage Printing for User Sessions
 - Map Printers to the User Session
 - Printer Drivers
 - Print Environment Considerations

- 9)Citrix Profile Management
 - Introduction and Considerations
 - Configure Citrix Profile Management
- 10)Manage the Site
 - Delegated Administration
 - Power Management Considerations
- 11)Citrix Virtual Apps and Desktops Basic Security Considerations
 - Citrix Admin Security Considerations
 - XML Service Security Considerations
 - Secure HDX External Traffic
- 12)Monitor the Site
 - Citrix Director Introduction
 - Monitor and Interact with User Sessions
 - Published Apps Analysis
 - Monitor the Machines Running the VDA
 - Alerts and Notifications
- 13)Introduction to Supporting and Troubleshooting Citrix Virtual Apps and Desktops
 - Introduction to Supporting a Citrix Virtual Apps and Desktops Site
 - Tools
- 14)Migrate to Citrix Cloud
 - Migration Considerations
 - Citrix Cloud Connector Deployment
 - Citrix Virtual Apps and Desktops with an OnPremises Resource Location
 - The Migration Process
- 15)Citrix Analytics
 - Citrix Analytics Introduction
 - Types of Analytics
- 16)Introduction to App Layering
 - App Layering Introduction
 - Architecture and How it Works
- 17)Create an OS Layer
 - The OS Layer
- 18)Create a Platform Layer
 - The Platform Layer
- 19)Create App Layers
 - The App Layers
- 20)Create Elastic App and User Layers
 - Elastic App Layering
 - User Layers
- 21)Deploy a Layered Image using Citrix Virtual Apps and Desktops
 - Using Templates in App Layering
 - Using Layered Images in a Citrix Virtual Apps and Desktops Site
- 22)Explore Layer Priority and Maintain an App Layering Environment
 - Layer Priority
 - Updating Layers
 - Maintaining and Updating the App Layering Environment
 - Common App Layering Considerations and Additional Resources
- 23)Introduction to Workspace Environment Management WEM
 - Workspace Environment Management WEM Introduction
 - WEM Administration
- 24)Use WEM to Centralize Environment Management
 - Managing User Resources with WEM
 - Managing Profiles with WEM
 - Managing Endpoints with the WEM Transformer Feature
- 25)Use WEM for Performance Optimization
 - Learning Objectives
 - Optimizing Machine Performance with WEM
 - Optimizing User Experience with WEM

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