

CTX-202 - Citrix Platform Administration



Days: 5

Prerequisites: Strong foundational knowledge of Windows Server and desktop operating systems, Active Directory, policies, profiles, networking, and hypervisors is recommended.

Audience: Citrix administrators and engineers who need to deploy, configure, manage, monitor, and support Citrix Virtual Apps and Desktops environments.

Description: This five-day instructor-led course teaches students to create and administer a Citrix Virtual Apps and Desktops deployment. Through hands-on activities, students explore architecture, communications, installation, configuration, workload provisioning, application and desktop delivery, user experience, security, monitoring, and support.

Course Objectives: Upon completion of this course, students will:

- Explain Citrix Virtual Apps and Desktops architecture and communication flows.
- Install, configure, and manage Citrix Virtual Apps and Desktops environments.
- Create and provision Citrix workloads using master images and Machine Creation Services.
- Deliver single-session and multi-session applications and desktops to users.
- Manage policies, profiles, printing, security, power, and delegated administration.
- Monitor and support environments with Citrix Director and common administrative tools.

OUTLINE:

MODULE 1: INTRODUCTION AND ARCHITECTURE

- Citrix Virtual Apps and Desktops lifecycle and components
- 2507 LTSR features and resource capabilities
- Hosting considerations and connection flows

MODULE 2: SITE CONSIDERATIONS

- Pre-deployment planning
- Licensing and Delivery Controller setup
- Site configuration and redundancy

MODULE 3: VDA AND MASTER IMAGES

- Master image methods and requirements
- Citrix Optimizer
- Workspace Environment Management overview

MODULE 4: PROVISIONING WORKLOADS

- Machine catalogs and delivery groups
- Provisioning methods
- Machine Creation Services considerations

MODULE 5: PROVIDING USER ACCESS

- StoreFront and beacons
- Workspace app deployment and configuration
- StoreFront features

MODULE 6: APPLICATION AND DESKTOP DELIVERY

- Published application properties and optimization
- Application groups
- Application and desktop presentation

MODULE 7: MANAGING USER EXPERIENCE

- Citrix policies and secure defaults
- HDX features and optimization

MODULE 8: PRINTING

- Printing concepts and provisioning
- Drivers and environment considerations

MODULE 9: PROFILE MANAGEMENT

- Profile planning
- Citrix Profile Management
- VHDX-based profile containers

MODULE 10: SITE MANAGEMENT

- Delegated administration
- PowerShell
- Power management and Autoscale

MODULE 11: SECURITY CONSIDERATIONS

- Administrative and XML Service security
- Securing external HDX traffic

MODULE 12: MONITORING WITH DIRECTOR

- Monitor users, sessions, applications, and VDAs
- Alerts, notifications, and common monitoring

MODULE 13: SUPPORT AND TROUBLESHOOTING

- Support concepts and tools
- Common proactive administration tasks