Citrix Platform Administration Training

Duration: **5 Day**

BILGINC IT Academy
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The Citrix Platform Administration training provides a comprehensive understanding of how to deploy, configure, and manage Citrix Virtual Apps and Desktops environments. Throughout the course, participants will explore architecture, communication flows, installation processes, and management tools.

This training equips learners with the technical skills required to deliver virtual applications and desktops efficiently, while also enabling informed decision-making for planning and optimization. By the end of the course, participants will be capable of managing Citrix environments effectively within enterprise settings.

Covered platform:
Citrix Virtual Apps and Desktops 7 (2507 LTSR) for Private Cloud, Hybrid Multi-Cloud, and Citrix Platform environments.

This course prepares learners for the **Citrix Certified Associate - Virtualization (CCA-V)** exam.

Prerequisites

Participants should have foundational knowledge of:

- Windows Server and desktop operating systems
- Active Directory, Group Policies, and user profiles
- Networking fundamentals
- Hypervisor technologies

Who Should Attend

This course is designed for:

- Systems Engineers
- Systems Analysts
- IT infrastructure and virtualization professionals

What You Will Learn

By the end of this course, learners will be able to:

- Understand Citrix Virtual Apps and Desktops architecture and communication flows
- Install, configure, and manage Citrix environments
- Create and manage virtual workloads
- Deliver both single-session and multi-session resources
- Prepare for the Citrix Certified Associate - Virtualization (CCA-V) exam

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Training Outline

Module 1: Introduction & Architecture

- Overview of Citrix Virtual Apps and Desktops
- Lifecycle and platform updates
- 2507 LTSR enhancements
- Core components and architecture
- Connection flow process

Module 2: Site Deployment

- Pre-deployment requirements
- Licensing configuration
- Delivery Controller setup
- Site creation
- Redundancy planning

Module 3: Workload Provisioning

- Master image creation methods
- Image requirements
- VDA optimization
- Workspace Environment Management

Module 4: Provisioning & Deployment

- Machine Catalogs and Delivery Groups
- Provisioning strategies
- Machine Creation Services (MCS)
- Environment configuration

Module 5: User Access

- StoreFront architecture
- Beacon configuration
- Citrix Workspace App setup
- Access management

Module 6: App & Desktop Delivery

- Published app configurations
- Optimization techniques
- Application Groups
- Desktop delivery

Module 7: User Experience Management

- Citrix Policies
- Secure defaults
- HDX optimization
- Performance tuning

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Module 8: Printing

- Printing concepts
- Driver management
- Print environment considerations

Module 9: Profile Management

- User profiles
- Citrix Profile Management setup
- VHDX profile containers

Module 10: Site Management

- Delegated administration
- PowerShell usage
- Power management
- Autoscale

Module 11: Security

- Admin security
- XML service security
- Secure HDX communication

Module 12: Monitoring with Director

- Citrix Director overview
- Session monitoring
- Performance tracking
- Alerts and notifications

Module 13: Troubleshooting

- Troubleshooting processes
- Common tools
- Proactive administration