

Citrix Certified Associate Virtualization (CCA-V)



Online Course



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Course Modules

1. Architecture Overview

- User Layer
- Access Layer
- Control Layer
- Resource Layer
- Hardware Layer
- On-Premise vs Citrix Cloud
- Hosting Platform: On-Premises
- Hosting Platform: Service Provider
- Hosting Platform: Cloud Hosted
- Hosting Platform: Citrix Cloud
- Citrix Virtual Apps and Desktops Hosting Platforms
- Architecture Layers - The Citrix Cloud



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2. Deploying the Site

- Service Accounts
- The Site Database
- Windows Licensing for Citrix Virtual Apps and Desktops
- Consider Citrix License Editions
- Access Citrix Licenses
- How to Apply a License File
- Delivery Controller Services
- Delivery Controller Services
- Communication
- Service Scripting
- Local Host Cache (LHC)
- Local Host Cache (LHC) Normal Operations vs Outage
- Site Database Types
- Site Databases Configuration

3. The Apps and Desktops Images

- Citrix Virtual Delivery Agent (VDA) Install
- Citrix Virtual Delivery Agent (VDA) Registration & Considerations



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4.Provisioning and Delivering App and Desktop Resources

- Add a Host Connection for the Resource Location
- The Machine Catalogs and Delivery Groups Relationship
- MCS Process
- MCS I/O Optimization
- Create Machine Catalogs and Delivery Groups
- MCS and the Cloud Connector
- MCS Created Random/Non-Persistent
- Desktop - Reboot Effects
- MCS Created Static/Persistent Desktop -
- Reboot Effects
- Traditional On-Premises Deployment
- Public Cloud Deployment
- Citrix Cloud with an On-Premises
- Resource Location
- Citrix Cloud with a Public Cloud Resource
- Location
- Citrix Cloud with both an On-Premises
- Resource Location and a Public Cloud
- Resource Location



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5. Providing Access to App and Desktop Resources

- User Access to Resources
- Store Authentication Methods
- Store Authentication Service
- Server Groups
- Username and Password Through Cloud Connectors
- Federated Authentication with Azure AD
- Deploying Citrix Workspace App
- The Citrix Workspace App Experience
- Citrix Workspace App Configuration
- Configure Citrix Workspace App with an ADMX File
- Configure Citrix Workspace App Manually
- Workspace Experience
- StoreFront On-Premises
- Configure On-Premises StoreFront with
- Cloud Connectors



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6.Managing the User Experience

- Citrix Policy Precedence
- Citrix Policy Settings
- Citrix Policy GPO Loopback
- Considerations
- Citrix Policy Filters
- Citrix Policy Resultant Set
- Citrix Policy Priority
- Load Management
- Session Reliability
- ICA Keep-Alive

7.Published App and Desktop Presentation and Management

- Application Properties
- Workspace App Application
- Delivery Categories
- Application Prelaunch
- Delivery Group Properties -
- Application Linging
- Session Sharing
- Featured App Groups
- Shortcut integration
- Self-Service Mode
- Application Groups



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8.Managing Printing for User Sessions

- Endpoint Attached Print Job Routing
- Endpoint Mapped: Print Job Routing
- VDA Attached Print Job Routing
- VDA Mapped Print Job Routing
- Printer Mapping Setting - Auto Creation
- Printer Mapping Setting - Session Printers
- Printer Drivers
- Printer Driver Mapping
- Universal Print Driver
- Universal Printer
- Universal Print Server
- Saving User Printing Preferences
- Built-In Citrix Secure Printing

9.Citrix Profile Management

- User Profile Migration
- Citrix Profile Management - User Store
- Profile Caching
- Active Write Back
- Profile Streaming Process
- Profile Protection



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10. Managing the Site

- On-Premises Delegated Administration
- On-Premises Administrator Roles
- On-Premises Administrator Scope
- how to Create an On-Premises Custom Administrator
- Define Administrator Access
- Permissions for Citrix Cloud
- How to Create a Citrix Cloud Delegated Administrator
- Use PowerShell with an On-Premises Deployment
- Use PowerShell with a Citrix Cloud Deployment
- Schedule Restarts
- How to Power Manage a Server OS Machine

11. Citrix Virtual Apps & Desktops Basic Security Consideratns

- Certificates
- Public and Private Cas
- How to Configure an XML
- Service Trust
- Citrix Gateway
- Secure Ticket Authority



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12. Monitoring the Site

- View a Session
- View Session Details
- View the HDX Channels
- Application Health, Usage, Probing
- Historical Application
- Failure Monitoring
- App Monitoring Policies
- VDA Machine Monitoring
- Monitor the Disk
- Historical Resource Utilization
- Average Logon Duration
- Site Infrastructure
- Alerts and Notifications
- Director Notifications
- SCOM Integration
- Citrix ADM Setup Process
- Citrix ADM Benefits to
- Director Monitoring



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13. Supporting & Tshootng Citrix Virtual Apps and Desktops

- VDA Cleanup Utility
- HDX Monitor
- Citrix Health Assistant
- Citrix Scout
- Microsoft Common Tools
- Microsoft Sysinternals
- Verify backups of Key Citrix Components
- Backup Citrix Databases
- Test Your Connections
- Verify Registration and Session Availability
- Confirm Capacity
- Review Citrix Policies



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