

Citrix XenApp & XenDesktop Administration

VTGuru Course Content

Course Duration : **20 Working Days**

Class Duration : **3 hours per day**

Fast Track: - Course duration 10days (Per day 8 hours)

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Module 1: XenDesktop & XenApp Overview

- FlexCast Overview
- Citrix History
- XenApp & XenDesktop Product Family
- XenApp & XenDesktop Overview
- XenApp & XenDesktop Architecture
- XenApp & XenDesktop Components Overview
- New Features in XenDesktop 7.6
- Limitations of the Independent Management Architecture
- Benefits of the FlexCast Management Architecture

Module 2: Installing and Configuring

- Delivery Controller Overview
- StoreFront Overview
- Director Overview
- Desktop Delivery Communication Process
- XenApp & XenDesktop Hardware Requirements
- Software Requirements
- Installation Decisions
- Installing Citrix License Server
- Installing Delivery Controller
- Installing Studio
- Installing Director
- Installing StoreFront
- Installing a Second Controller

Module 3: Configuring Licensing Server

- XenDesktop Licensing Server Configuration
- License Administration Console
- Creating Users / Adding Domain Users
- Port Configuration
- Downloading license file & uploading to license server
- Delegated License Administration Console
- Port Configuration
- Configuring Privileged mode
- Installing Licensing
- Removing Licensing
- License Server Considerations
- License File Management
- Obtaining License Files
- Subscription Advantage

Module 4: Site and Resource Configuration

- Import the SSL Certificate and Install
- Creating Application and desktop delivery Site
- Creating Remote PC Access Site
- Creating Site Database Script
- Create Site Database
- Add Hypervisor Infrastructure
- Host connection, network, and storage
- AppDNA Integration
- App-V Publishing
- Test a Site configuration
- Creating Site for Remote PC Access
- Add Management Users
- Check Site configuration Overview

Module 5: Catalog Administration

- Preparing a Virtual Desktop for Delivery
- Virtual Desktop Agent Installation
- Machine Creation Services Overview
- Create a machine catalog
- Manage machine catalogs
- Machine Types
- Delete a machine catalog
- Delete machines from a machine catalog
- Revert the Previous Master Virtual Machine
- Creating machine catalog with preconfigured machines
 - Mapping Existing AD machine account
 - Mapping Existing AD user account
- Update a Machine Catalog

Module 6: Delivery groups

- Create a Delivery Group
- Delivery type Overview
- Adding Authenticated Users
- Manage settings in Delivery Groups
- Change basic settings
- Manage machines in a Delivery Group
- Create a restart schedule
- Prevent users from connecting to a machine
- User Reallocate machines
- Remove a machine from Delivery Group
- Restrict access to specified machines
- Managing sessions
- Update a machine in a Delivery Group

Module 7: Hypervisor Provisioning

- Hypervisors Overview
- Windows Supported OS for VDA
- Preparing Desktop VDA VMs
- Preparing Server VDA VMs
- Master Image creation
- Updating VDA registry entries
- Virtual Machine Templates

Module 8: Access Control

- Administration Roles
- Add an Administrator Account
- Add and manage Users
- Create and manage roles
- Create and manage scopes

Module 9: Monitoring Using Director

- XenDesktop Director Overview
- Alerts and notifications
- Configure network analysis
- User and Machine Management Overview
- Managing Machines - Managing End Users
- User Shadowing - Shadow a User
- Session usage - Logon performance
- Troubleshoot user issues & applications

Module 10: Profile Management

- System requirements
- How Profile Management works
- Install and set up Profile management
- stream user profiles
- configure offline profiles
- configure active write back
- Profile management policies

Module 11: Delivering applications

- Application Deliver Methods
- Create Application Groups
- Manage Application Groups
- Resource Publishing Settings
- VM Hosted Apps
- App-V
- AppDisks
- Local App Access and URL redirection
- XenApp Secure Browser
- Components of VM Hosted Apps
- Advanced Published Resource Settings
- Publish content
- Personal vDisk

Module 12: AppDNA

- AppDNA Overview
- Import applications
 - Direct Import, Install Capture
 - Self-Provisioning, Web applications
- Application reports / issues

Module 13: StoreFront Management

- System requirements
- StoreFront deployment Plan
- User access / authentication
- StoreFront high availability
- Configure server groups
- Configure the authentication service
- Create or remove a store
- Create a Citrix Receiver for Web site
- Configure Citrix Receiver for Web sites

Module 14: Policies Administration

- XenDesktop Policies Overview
- Policy Creation Types
- Built-in templates Overview
- Create a New Policy
- Create a Policy from templates
- Default policy settings
- Prioritize the policy.
- Managing Policy settings
- Policy assignments
 - Access Control
 - Client IP Address / Client Name
 - Delivery Group / Delivery Group type
 - Organizational Unit
- Create and manage using the Group Policy Editor

Module 15: Provisioning Services

- Installation Planning
- Provisioning Services Product Overview
- Provisioning Services Installation
- Provisioning Services Configuration
- Configure a Provisioning Services Farm
- Store Configuration
- Network Boot Services
- DHCP Deployment Options
- Provisioning Services Farm Design
- Creating Farms
- Service Account Permissions
- Creating PVS Sites
- Adding Stores
- Storage Requirements
- Sample vDisk Storage Requirements

❑ **This Course Specially designed for App & Desktop Virtualization**

❖ Terms & Conditions

- ❑ He/She must have any one of the Administration knowledge of IT infrastructure as mentioned below.
 - System administrators of (Windows, Linux, Unix, MAC ...etc.)
 - Systems engineers
 - Storage administrators
 - Network administrators
 - Network Security administrators ...etc.

PREREQUISITE: VMware vSphere Administration / Citrix XenServer / Hyper-V Administration

- ❑ Online LAB Access will be provided 24/7 for 30day's as per additional payment only.
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