# Citrix xendesktop training

## Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With the amazing courses and programs by Techeduxon, you will experience a whole new horizon of tech knowledge and put it to the best use.

## Course overview

- Introduction to Xendesktop
- Quick deploy & Quick deploy system requirements
- Configure Hyperviser for Desktop Delivery virtualization
- Virtual machine templates
- How to install & configure xendesktop
- How to manage desktop catalogs and groups administration roles
- Customize user experience
- Monitor xendesktop sites
- How to stream desktop to virtual and physical machines
- Creating shared vDisk
- Administering provisioning services components
- Delivering local VM Desktops

## Pre requisites

Basic knowledge of the purpose and goals of the virtualization technology. An understanding of computing architecture, including network and storage devices, device drivers and operating systems. Basic experience installing and administering Windows Server.

## Target audience

Teams getting started on Citrix XenDesktop projects and one who wants to add citrix xendesktop skills to their profile.

## Course Content

### Introduction to xendesktop

- Introduction to xendesktop
- Configure a XenServer host for desktop delivery

### Quick deploy & Quick deploy system requirements

- Quick deploy system requirements
- How to run quick deploy

### Configure Hyperviser for Desktop Delivery virtualization

- Virtualization components
- Hyperviser and its role in desktop delivery
- Windows virtual machine architecture
- Windows virtual machine create and supporter
- Xenserver tools
- Templates and Lifecycle operations

### Virtual machine templates

- Virtual machine import and export
- Virtual machine duplication
- Virtual machine operations
- Xenconvert
- Virtual machine resource management

- Virtual machine movement
- NIC bonds
- How to create NIC bonds in xencenter
- Troubleshooting hypervisor issues

## How to install and configure xendesktop

- Xendesktop architecture
- Security consideration
- Active directory consideration
- Active directory based controller discovery
- To configure xendesktop site
- Web interface consideration
- Access gateway
- ICA proxy mode
- Desktop delivery communication process

## How to manage desktop catalogs and groups administration roles

- How to add administrator account
- Virtual desktop agent installation
- Manual firewall configuration
- Machine creation services
- Desktop catalogs
- Machine types - pooled machine types , dedicated, existing, physical, streamed machine types.
- Desktop group types
- Pools and buffers

## Customize user experience

- Citrix receiver for windows
- Citrix receiver for Macintosh
- Citrix merchandising server
- Profile management
- User profile types
- Profile management logon process
- Application delivery method
- Xendesktop Policy creation
- Policy prioritization

## Monitor xendesktop sites

- Installing desktop director
- Accessing desktop director
- Filters
- Managing machines and end users
- Shadow a user

## How to stream desktop to virtual and physical machines

- Provisioning services
- Stream VHDs and catalogs

- Citrix provisioning services - Infrastructure and components
- Installation planning
- SQL database server
- Service Account permission
- Provisioning services installation and configuration
- Sites and stores
- Store configuration

## Creating shared  vDisk

- vDisk image mode
- Write cache types
- Cache on server disk - Local storage and Shared Storage
- Cache on device hard drive - Local and shared storage
- vDisk file creation
- vDisk mounting
- vDisk format
- Xenconvert overview

## Administering provisioning services components

- Provisioning services host properties
- Target device management , collection, view, properties
- Active directory integration
- Automatic password renegotiation
- vDisk management  and properties
- To create a vDisk file
- To delete a vDisk
- vDisk Locks and Backup

## Delivering local VM Desktops

- Local VM Desktops with XenClient
- XenClient Architecture
- Synchronizer for XenClient
- XenClient Installation
- Image management
- User Management
- To Create a Local User or Group
- To Link an Existing AD User or Group
- Device Management
- XenClient User Experience
- Secure Application Sharing

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