Implementing Citrix XenDesktop 3 & 4

Course Summary

Description
In this course, students will learn to install, configure and manage Citrix XenDesktop 3 and 4. By completing the exercises, students will obtain experience working with Citrix XenDesktop. Students will install and configure key desktop delivery components, including the Desktop Delivery Controller, Virtual Desktop Agent, Desktop Receiver and XenDesktop Setup Wizard. Students will also configure XenDesktop policy management settings and connect to a XenDesktop environment from a variety of endpoint devices.

The Citrix XenDesktop 4 Updates offer students an opportunity to identify the new features, enhancements and system requirements for XenDesktop 4. Students will learn how XenApp functions with XenDesktop 4 and complete an exercise to upgrade a version of XenDesktop 3 to XenDesktop 4.

Objectives
At the end of this course, students will be able to:

- Explain the features, benefits and components of Citrix XenDesktop 3 and 4
- Install the Desktop Delivery Controller
- Prepare a virtual desktop for delivery to an endpoint device
- Install and configure the XenDesktop Setup Wizard
- Create and manage desktop groups using the Access Management Console
- Configure XenDesktop policy management settings
- Install and configure Desktop Receiver software on an endpoint device
- Connect to a XenDesktop environment from a variety of endpoint devices
- Upgrade a XenDesktop 3 environment to a XenDesktop 4 environment

Topics

- Introducing XenDesktop
- Preparing to install XenDesktop
- Installing XenDesktop
- Configuring Desktop Groups
- Managing XenDesktop
- Preparing the Desktop Receiver
- XenDesktop 4 Updates

Audience
This course is designed for IT professionals and Systems Engineers.

Prerequisites
It is recommended that students have the following knowledge/experience prior to taking this course:

- A basic knowledge of Citrix XenApp
- A basic knowledge of Citrix Provisioning Server
- A basic knowledge of Citrix XenServer
- An understanding of computing architecture, including network and storage devices, device drivers and operating systems
- Basic experience installing and administering Windows Server 2003

Duration
Two days

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... to Your Success!"

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Course Outline

I. Introducting XenDesktop
- A. Desktop Delivery
- B. XenDesktop Architecture
- C. XenDesktop Communication

II. Preparing to Install XenDesktop
- A. Desktop Delivery Controller Considerations
- B. Planning Farm Configurations
- C. Identifying Desktop Delivery Controller Best Practices
- D. Planning XenDesktop Scalability
- E. Planning Security Considerations
- F. Identifying System Requirements
- G. Additional Infrastructure Considerations
- H. Managing Active Directory
- I. Identifying Licensing Considerations
- J. Planning User Desktop Connectivity

III. Installing XenDesktop
- A. Desktop Delivery Controller Installation
- B. Installing the Desktop Delivery Controller
- C. License Server Installation
- D. Installing License Server Software
- E. License Files
- F. Generating and Downloading Licenses
- G. Copying a License File
- H. Discovery
- I. Running Discovery
- J. XenDesktop Preparation
- K. Desktop Provisioning
- L. Creating a vDisk
- M. Virtual Desktop Agent Installation
- N. Installing the Virtual Desktop Agent
- O. XenDesktop Setup Wizard Installation
- P. Installing the XenDesktop Setup Wizard

IV. Configuring Desktop Groups
- A. User Segmentation
- B. Security Considerations
- C. Desktop Group Properties
- D. Desktop Group Management
- E. Creating a Desktop Group in the XenDesktop Setup Wizard
- F. Creating a Desktop Group in the Access Management Console
- G. Modifying Idle Pool Settings

V. Managing XenDesktop
- A. Managing Farm Settings
- B. Configuring Administrator Permissions
- C. Managing Policies
- D. Troubleshooting Common Issues

VI. Preparing the Desktop Receiver
- A. Access Modes
- B. Endpoint Devices
- C. Managed and Unmanaged Endpoint Devices
- D. Connection Decisions
- E. XenDesktop User Experiences
- F. Desktop Receiver Installation
- G. Installing Desktop Receiver Software
- H. Installing Desktop Receiver Embedded Software
- I. Managing USB Support
- J. Managing Smart Cards

VII. XenDesktop 4 Updates
- A. Upgrading the Desktop Delivery Controller
- B. Upgrading the Citrix License Server
- C. Upgrading the XenDesktop Setup Wizard
- D. Upgrading the Virtual Desktop Agent
- E. Upgrading the Citrix Online plug-in

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