

Course Outline



Tel: +44 (0) 118 979 4000 Fax: +44 (0) 118 979 4000

Email: training@ptr.co.uk Web: www.ptr.co.uk

Windows XP Professional - Installation and Administration

Course Description:

This course is intended for administrators and network professionals responsible for the installation, deployment and maintenance of Windows XP Professional. The course will cover basic installation and mass deployment issues, as well as hardware installation and configuration. In addition, configuration of the user interface will be discussed and many of the new features provided by XP such as Remote Assistance and Remote Desktop. The course also takes a reasonably in depth look at the TCP/IP network protocol, its addressing scheme and architecture. The course is also intended as an aid in preparing for the Microsoft Certified Professional Exam 70-270, Installing, Configuring and Administering Microsoft Windows XP Professional.

This course covers the subject areas covered in Microsoft Course MS2272.

Pre-requisites:

To ensure your success, we recommend you first take the following PTR courses or have equivalent knowledge:

Windows XP Introduction and either Windows 2000 Network and Operating Systems Essentials or A+ Certification Operating Systems

Course Content:

- **Managing User Logons**
 - Create Local Accounts
 - Modify Local Accounts
 - Set the Logon Method
 - Set Local Logon Security Policies
 - Join an Active Directory Domain
 - Add Domain Groups to Local Groups
 - Determine Effective Policies

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- **Managing File and Print Resources**
 - Set File and Folder Permissions
 - Share a Folder
 - Troubleshoot Permissions Assignments
 - Install a Printer
 - Troubleshoot Printing

- **Managing Network Configuration**
 - Configure Dynamic TCP/IP Clients
 - Configure an Alternate TCP/IP Configuration
 - Troubleshoot TCP/IP Network Connectivity
 - Install NWLink
 - Adjust Binding Order
 - Install the Client Service for NetWare
 - Adjust Network Provider Order

- **Configuring the User Environment**
 - Modify the Default User Profile
 - Configure Accessibility Settings
 - Configure Regional Options
 - Store Credentials for Remote Connections
 - Add or Remove Software
 - Configure Environment Variables
 - Add or Remove Windows Components

- **Supporting Remote Access Users**
 - Create an Outbound Connection
 - Share an Internet Connection
 - Create an Incoming Connection
 - Establish a Remote Desktop Session
 - Establish a Remote Assistance Session

- **Supporting Mobile Users**
 - Optimize Power Management Settings
 - Implement a Hardware Profile
 - Configure Folders for Offline Access
 - Configure Clients to Access Files Offline

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- **Supporting Mobile Users**
 - **Securing Data with File Encryption**
 - **Optimizing Disk Usage**
 - **Optimizing System Performance**
 - **Managing System Hardware**
 - **Safeguarding the System**
- Configure Offline Web Page Access
 - Use File Encryption
 - Add Encrypted File Users
 - Obtain User Certificates Manually
 - Export and Import Certificates
 - Recover Encrypted Files
 - Create a Local Data Recovery Agent
 - Compress Files and Folders
 - Clean Up the Hard Disk
 - Defragment Disks
 - Create Formatted Drives
 - Convert a FAT Partition to NTFS
 - Upgrade a Basic Disk to Dynamic Storage
 - Extend a Simple Volume
 - Document System Resources
 - Optimize System Resource Use
 - Configure Virtual Memory
 - Optimize the Boot Time
 - Optimize Visual Effects
 - Take a Hardware Inventory
 - Add or Remove Hardware
 - Configure Multiple-display Support
 - Update Device Drivers
 - Configure Driver Signing Verification
 - Troubleshoot Hardware Problems
 - Manage Event Logs
 - Configure System Failure Options
 - Create a Boot Floppy Disk

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- **Safeguarding the System**
 - Install the Recovery Console
 - Configure a System Restore Point
 - Back Up User Data
 - Back Up the System State Data
 - Prepare for Automated System Recovery (ASR)

- **Recovering from System Problems**
 - Troubleshoot Running Processes
 - Use Event Logs to Diagnose Problems
 - Use Safe Mode Boot Options
 - Use the Last Known Good (LKG) Boot Option
 - Use a Boot Floppy Disk
 - Use Recovery Console
 - Restore the System to a Restore Point
 - Restore User Data
 - Restore System State Data
 - Perform ASR

- **Installing Windows XP Professional**
 - Prepare for Installation
 - Preserve A User State
 - Install Windows XP Professional
 - Update Windows XP Professional
 - Migrate a User State

- **Automating Windows XP Professional Installations**
 - Create Unattended Setup Files
 - Perform an Unattended Installation
 - Deploy a Prepared Computer
 - Prepare a Computer Image
 - Deploy a Computer Image

Course Duration:

5 Days

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