

Windows XP Professional



Windows XP Professional

6 Sessions –

18 Hours of Interactive Training

In the Windows XP Professional course from LearnKey, expert instructor Aaron Spurlock uses real-world scenarios to help corporate network administrators learn to install, configure and administer Windows XP Professional. LearnKey courses meet or exceed all Microsoft certification objectives and provide skills critical for certification and network administration. At the conclusion of this course you will understand the best practices for deploying Windows XP Professional in a Windows 2000 environment and be prepared to pass exam 70-270, which provides core credit toward MCSE and MCSA certifications.

Also Available:

- Study Guide
- Test Prep

About The Author

Aaron Spurlock is an MCSE+, MCT, CNE and CNI. He has consulted and trained on networks and computing for the past 15 years with Lucent Technologies, Mastering Computers, Scientific-Atlanta and the Florida Marlins, among others. He currently owns Technovation Design in Ogden, Utah, specializing in Windows 2000 and NetWare 5 consulting as well as home and corporate automation technologies.

Session 1

Section A: Introduction

- Installing & Using Windows XP
- XP Networking
- Hardware Requirements
- Hardware Reality

Section B: Installing Windows XP

- Installation Modifiers
- GUI-Mode Installation
- Dynamic Update
- Product Activation

Section C: Upgrading Windows XP

- Requirements
- Upgrade Issues
- Perform Upgrade
- System Compatibility
- Logging onto Windows XP

Section D: Migrating User Settings

- File & Settings Transfer Wizard
- User Transfer Wizard
- User State Migration Tool

Section E: Unattended Installation

- Setup Manager
- Using Setup Manager
- User Specific Information
- Advanced Settings
- Cloning Windows XP
- Sysprep Options

Section F: Remote Installation Services

- Setting Up RIS
- RIS Permissions
- Installing with RIS
- RIS Limitations

Section G: Installation Troubleshooting

- Install Problems
- Check HCL
- ACPI Problems
- Switch HAL

Session 2

Section A: User Accounts

- Workgroup vs. Domain
- Create & Manage Users
- User Accounts in Workgroup
- Manage Workgroup Accounts
- Domain User Accounts
- Manage Domain Accounts

Section B: Groups

- Local Groups & Permissions
- Built-in Groups
- System Groups
- Working with Groups
- Planning Groups

Section C: Logging On to Windows XP

- Domain Environment
- Workgroup Environment
- Fast User Switching
- Enable Fast User Switching
- Troubleshooting Logon
- Logon Caching

Section D: User Profiles

- Change User Profiles
- Contents of User Profiles
- Roaming User Profiles
- Enable Roaming Profiles
- Create Profile
- Copy Profile
- Set Roaming Profiles

Section E: Local Security Policy

- Manage Account Policies
- User Rights Assignments
- Security Options
- Use Secpol.msc
- Security Templates
- Add & Remove Console Snap In
- Preconfigured Templates

Section F: Group Policy

- Local & Domain Policy
- Group Policy MMC
- Windows XP Group Policy
- Computer Policy
- User Policy
- Test Group Policy

Session 3

Section A: Auditing

- Edit Audit Policy
- Plan Audit Policy
- Requirements for Auditing
- Establish Auditing
- Event Viewer

Section B: Windows Installer

- Benefits
- Publish vs. Assign
- Troubleshoot Windows Installer

Section C: User Interface

- Configuring the Desktop
- Start Menu
- My Computer
- Display Properties
- Control Panel

Section D: Interface Options

- Accessibility Services
- Configure Accessibility Services
- Multi-language Support
- Regional Settings Control Panel

Section E: Hardware Installation

- Device Drivers
- Device Manager
- Signed Drivers

Section F: Hardware Support

- Display Devices
- Troubleshooting Video Problems
- Fax Support
- Install Fax Service
- Setup Fax Service
- USB & Firewire Support
- USB Root Hub & Universal Host Controller

Section G: Mobile Computer Hardware

- Power Management

- Configure Power Management
- Wireless Networking

Section H: Storage Devices

- Hard Disk Support
- Dynamic Volumes
- Disk Management
- Create Volume
- Upgrade to Dynamic Disk
- CD, CDR & DVD

Session 4

Section A: File Systems

- NTFS
- Convert to NTFS
- File System Maintenance
- File System Tools

Section B: Simple NTFS

- NTFS Features
- Simple File Sharing
- Limits of Simple File Sharing
- Protecting Folders

Section C: NTFS

- NTFS Permissions
- Planning Permissions
- Add Groups to Permission List
- Effective User Permissions
- NTFS Ownership
- Take Ownership

Section D: NTFS Features

- NTFS Compression
- Compressing Files
- NTFS Encryption
- EFS Features
- Encrypt Files
- Remote Encryption
- Web DAV

Section E: EFS Recovery

- Recover Encrypted Data
- DRA Policy
- Encrypt Files with DRA
- Lost Certificates
- EFS & Backup Program
- Disable EFS

Section F: Networking Setup

- NWLink
- TCP/IP
- NetBEUI
- Network Connections Control Panel
- TCP/IP Configuration
- DNS & Wins
- TCP/IP Options
- Advanced TCP/IP Options

Session 5

Section A: Network Troubleshooting

- Repair Network Connection
- Network Interface
- Protocols
- TCP/IP Troubleshooting
- PING, TRACERT & NBTSTAT
- Base Connectivity
- NETSTAT

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Section B: Sharing Resources

- Sharing Folders & Files
- Enable File Sharing
- View Local Security Policy
- Set Share Permissions
- Permission Hierarchy
- Set Permission for Sharing
- Set NTFS Security

Section C: Monitoring Shared Resources

- Computer Management MMC
- Run As Option
- Managing Shares
- Connect to Remote Shares

Section D: Offline Folders

- Configure Offline Folders
- Make Files Available Offline
- Network Connection Lost
- Network Connection Established
- Folder Options
- Synchronization Manager

Section E: Configure Printers

- Sharing Printers
- Install a Printer
- Add Printer Wizard
- Printer Sharing
- Printer Permission
- Internet Printing
- Locate & Connect to Internet Printers

Section F: Managing Printers

- Print Server Properties
- Print Queue
- Printer Properties
- Print Priorities
- Spooler

Section G: Remote Connectivity

- Dial-up Networking
- New Connection Wizard
- VPN
- L2TP Connections
- Setup VPN Connection
- VPN Properties

Session 6

Section A: Internet Connection Utilities

- Internet Connection Sharing
- Options for ICS
- ICS Discovery & Control
- Install ICS
- Network Setup Wizard
- Enable ICS
- Universal PnP
- Internet Connection Firewall
- Log Files & Third Party Firewall
- Enable ICF
- Setup NAT & ICF Security

Section B: Web Services

- Web Server
- Install IIS
- Internet Explorer Security
- Accessing IIS Local Host
- Security Settings
- Manage IIS

Section C: Remote Desktop

- Terminal Services
- Configure Remote Desktop
- Connect to Remote Desktop
- Web-based Remote Desktop
- Using Remote Desktop on the Web
- Remote Assistance

Section D: System Performance

- Application Performance
- Performance Options
- Program Compatibility
- Performance Monitoring
- Monitor Disk & Network

Section E: Windows Backup

- Backup Permissions
- Using Windows Backup
- Backup Options
- Scheduled Backups
- Automated System Recovery
- Removable Storage

Section F: Disaster Recovery

- Safe Boot Options
- Last Known Good Configuration
- MSCONFIG Utility
- Recovery Console
- Limitations
- Enable Recovery Console
- Access Recovery Console