

A+ Certification Operating Systems (2003 Objectives)

Days of Training: 5

Overview

In this course, student build on their skills with using a Windows-based operating system to learn the specific skills they need to install, maintain, and troubleshoot the Windows 9x, Windows 2000, and Windows XP operating systems.

Prerequisites

Windows XP Introduction to Personal Computers
Windows 2000 Introduction to Personal Computers
A+ Certification Core Hardware (2003 Objectives)

Lesson 1: Windows Tools

Windows Graphical Tools
Windows Command-line Tools

Lesson 2: Managing Applications

Install a Windows Application
Configure Virtual Memory
Install a Non-Windows Application
Configure a Non-Windows Application
Remove an Application

Lesson 3: Installing Network Components

Update a Network Card Driver
Configure TCP/IP
Troubleshoot TCP/IP Connectivity
Install or Remove NetBEUI
Install or Remove NWLink IPX/SPX
Install a NetWare Client
Configure a Network Connection in Windows 9x

Lesson 4: Implementing Local Security in Windows 2000/NT/XP

Create or Delete Local User Accounts
Modify User Account Properties
Set Workgroup or Domain Membership
Configure File and Folder Security
Encrypt Files and Folders

Lesson 5: Managing File and Print Resources in Windows 2000/NT/XP

Share Folders
Connect to a Network Printer
Capture a Printer Port
Install a Local Printer
Troubleshoot Printing

Lesson 6: Managing File and Print Resources in Windows 9x

Set Workgroup or Domain Membership
Configure the Security Level
Share Folders
Install a Printer
Troubleshoot a Printer in Windows 9x
Enable User Profiles

Lesson 7: Managing Disk Resources in Windows 2000/NT/XP

Create or Delete a Partition
Convert a FAT Partition to NTFS
Compress Files and Folders
Defragment a Hard Disk in Windows 2000/XP

Lesson 8: Managing Disk Resources in Windows 9x

Create or Delete a Partition
Compress a Hard Disk
Convert a FAT Partition to FAT32
Defragment a Hard Disk

Lesson 9: Connecting to Internet and Intranet Resources

Create a Dial-up Connection
Create a VPN Connection
Configure a Web Browser
Configure an Email Client
Troubleshoot Internet and Intranet Connections

Lesson 10: Implementing Virus Protection

Install Virus Protection Software
Configure Virus Protection Software
Create a Clean Boot Disk
Manually Update Virus Definitions
Remove a Virus

Lesson 11: Preparing for Disaster Recovery

Create a Boot Disk
Create an Emergency Repair Disk
Install the Recovery Console
Back Up Data
Back Up System State Data
Back Up the Registry
Prepare for an Automated System Recovery

Lesson 12: Recovering from Disaster

Troubleshoot an Application
Troubleshoot Hard Disks
Restore Data
Restore the Registry
Restore System State Data
Recover Boot Sector Files
Perform an Automated System Recovery

A+ Certification Operating Systems (2003 Objectives) (Continued)

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Lesson 13: Installing Client Operating Systems

- Install a Windows Client Operating System
- Upgrade a Windows Client Operating System
- Troubleshoot Operating System Installations
- Add or Remove Operating System Components

Lesson 14: Automating Client Operating System Installations

- Perform an Unattended Installation
- Create a Computer Image
- Install a Computer Image