



6292 Installing and Configuring Windows 7 Client

Duration:

Traditional Instructor Led Learning - 3.00 Day(s)

Mentored Learning - Flexible

Overview:

This three-day instructor-led course is intended for IT professionals who are interested in expanding their knowledge base and technical skills about Windows 7 Client. In this course, students learn how to install, upgrade, and migrate to Windows 7 client

Who Should Attend:

The audience for this hands on lab includes IT Professionals who generally perform desktop support for Microsoft Windows computers. Duties for this IT Professional are user support, desktop configuration, and desktop troubleshooting. They will be particularly interested in new features in Windows 7 Beta and how the changes affect Windows security, networking, reliability, performance, productivity, and manageability. Additional audience for this clinic includes technical decision makers who can gain an overview of Windows 7 Beta features and benefits.

At Course Completion:

After completing this course, students will be able to: - Configure User Account Control. - Utilize the User Account Type and Elevation Prompt. - Configure Local Security Policy. - Configure Windows Firewall. - Create AppLocker Rules and configure enforcement. - Configure Windows Defender. - Set indexing locations and modify advanced options. - Execute searches from multiple locations. - Create a library and set security permissions. - Create and deploy a search connector. - Use the built-in diagnostics tools to diagnose and resolve system problems. - Use Performance Monitor to collect system performance information. - Configure the Action Center and view messages. - Examine events in Event Viewer and create a custom view. - Configure Device Manager and control device installation. - Run Windows PowerShell commands. - Configure Backup and Restore option. - Configure the Sync Center.

Outline:

Lesson 1: Installing, Upgrading, and Migrating to Windows 7

- Preparing to Install Windows 7
- Performing a Clean Installation of Windows 7
- Upgrading and Migrating to Windows 7
- Performing Image-based Installation of Windows 7
- Configuring Application Compatibility

Lesson 2: Configuring Disks and Device Drivers

- Partitioning Disks in Windows 7
- Managing Disk Volumes
- Maintaining Disks in Windows 7
- Installing and Configuring Device Drivers

Lesson 3: Configuring File Access and Printers on Windows 7 Client Computers

- Overview of Authentication and Authorization
- Managing File Access in Windows 7
- Managing Shared Folders
- Configuring File Compression
- Managing Printing

Lesson 4: Configuring Network Connectivity

- Configuring IPv4 Network Connectivity
- Configuring IPv6 Network Connectivity
- Implementing Automatic IP Address Allocation
- Overview of Name Resolution
- Troubleshooting Network Issues

Lesson 5: Configuring Wireless Network Connections

- Overview of Wireless Networks
- Configuring a Wireless Network

Lesson 6: Securing Windows 7 Desktops

- Overview of Security Management in Windows 7
- Securing a Windows 7 Client Computer by Using Local Security Policy Settings
- Securing Data by Using EFS and BitLocker
- Configuring Application Restrictions
- Configuring User Account Control
- Configuring Windows Firewall
- Configuring Security Settings in Internet Explorer 8
- Configuring Windows Defender

Lesson 7: Optimizing and Maintaining Windows 7 Client Computers

- Maintaining Performance by Using the Windows 7 Performance Tools
- Maintaining Reliability by Using the Windows 7 Diagnostic Tools
- Backing Up and Restoring Data by Using Windows Backup
- Restoring a Windows 7 System by Using System Restore Points
- Configuring Windows Update

Lesson 8: Configuring Mobile Computing and Remote Access in Windows 7

- Configuring Mobile Computer and Device Settings
- Configuring Remote Desktop and Remote Assistance for Remote Access
- Configuring DirectAccess for Remote Access
- Configuring BranchCache for Remote Access