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WINDOWS CLIENT (MD-100T00)

Course Code: 100225

In this course, students will learn how to support and configure Windows desktops in an organizational environment.

Students will develop skills that include learning how to install, customize, and update Windows 10 and later operating systems. Students will learn how to managing storage, files, and devices as well as how to configure network connectivity for Windows. Students will also learn how to secure the Windows OS and protect the data on the device. Finally, students will learn how to manage and troubleshoot Windows Clients.

What You'll Learn

Students will learn to,

- Explore the Windows client
- Examine Windows client editions and requirements
- Evaluate Windows client installation methods
- Upgrade and migrate Windows clients
- Evaluate deployment methods
- Explore authentication
- Manage users and groups
- Configure User Account Control
- Implement device registration
- Explore common configuration options
- Explore advanced configuration methods
- Manage drivers and device peripherals
- Configure IP network connectivity
- Explore name resolution
- Configure wireless network connectivity
- Explore remote access
- Employ remote management

- Manage storage on Windows clients
- Maintain disks and volumes
- Implement Storage Spaces
- Explore Windows client file systems
- Configure and manage file access
- Configure and manage shared folders
- Manage user files
- Provide apps to users
- Manage Universal Windows Platform apps
- Manage the Microsoft Edge browser
- Explore the Windows servicing model
- Update Windows clients
- Explore malware and threat protection
- Explore Microsoft Defender
- Explore device encryption features
- Explore connection security rules
- Explore advanced protection methods
- Explore troubleshooting methodologies
- Explore Windows architecture
- Explore support and diagnostic tools
- Monitor and troubleshoot Windows client performance
- Employ file recovery in Windows client
- Explore application troubleshooting
- Troubleshoot Windows startup
- Troubleshoot operating system service issues
- Troubleshoot device driver failures
- Explore physical hardware troubleshooting
- Troubleshoot physical failures on Windows clients

Who Needs to Attend

Candidates for this exam are IT professionals who perform installation, configuration, general local management and maintenance of Windows 10 and later core services. Candidates may also be familiar with enterprise scenarios and cloud-integrated services.

Prerequisites

- Basic understanding of computer networks and hardware concepts.
- Basic understanding of OS and Application concepts.
- Experience with using the Windows OS.

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