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**MICROSOFT**

# **MD-100: Windows Client**

**BONUS! Cyber Phoenix Subscription Included:** All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

## **Course Overview**

Phoenix TS' 5-day instructor-led Microsoft Windows Client training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches students 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 10. Students will also learn how to secure the Windows client OS and protect the data on the device. Finally, students will learn how to manage and troubleshoot Windows clients.

## **After the course, students will learn how to:**

- Install and customize Windows clients
- Configure Updates for Windows.
- Configure devices and drivers for Windows.
- Configure storage for Windows.
- Configure network and remote management settings in Windows.
- Configure and manage browsers and applications in Windows.
- Configure account access and authentication.
- Configure file and folder permissions.
- Describe methods for securing Windows clien, common threats and methods for mitigating against them.
- Troubleshoot Windows and application installations.
- Troubleshoot hardware and driver issues.
- Troubleshoot file issues and perform recoveries.

## **Schedule**

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to

discuss hosting a private class at 301-258-8200.

## Program Level

Advanced

## Training Delivery Methods

Group Live

## Duration

5 Days / 32 hours Training

## CPE credits

26 NASBA CPE Credits

## Field of Study

Information Technology

## Advanced Prep

N/A

## Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: [Sales@phoenixts.com](mailto:Sales@phoenixts.com)
- Phone: 301-582-8200
- Website: [www.phoenixts.com](http://www.phoenixts.com)

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class.

Online enrolment closes three days before course start date.

On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

## Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: [Complaint Resolution Policy](#)

## Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: [Refund and Cancellation Policy](#)

## Prerequisites

- Candidates must be familiar with Microsoft 365 workloads and must be proficient and experienced in deploying, configuring, and maintaining Windows Client and non-Windows devices and technologies.

## Exam Information

### MS-100: Microsoft 365 Identity and Services

Deploy Windows	15-20%
Manage devices and data	25-30%
Configure storage and connectivity	15-20%
Maintain Windows	30-35%

You can purchase the exam voucher separately through Phoenix TS. Phoenix TS is an authorized testing center for Pearson VUE and Prometric websites. Register for exams by calling us or visiting the Pearson VUE and Prometric websites.

## Duration

**5 Days**



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## Price

**\$2,995**

## Course Outline

### Module 1: Installing Windows

- Introducing Windows Client
- Windows Client Editions and Requirements
- Installation Methods
- Upgrading and Migrating Windows Clients
- Deployment Methods

**Lab : Deploying Windows using Windows ADK tools**

**Lab : Migrating User Settings using USMT**

### Module 2: Configuring Authorization & Authentication

- Authentication
- Managing Users and Groups
- Configuring User Account Control
- Implementing Device Registration

**Lab : Managing Local User and Microsoft Account Authentication**

**Lab : Managing Domain Authentication**

**Lab : Managing password and account options**

**Lab : Managing Azure AD Authentication**

### Module 3: Post-installation Configuration and Personalization

- Configure and Customize the Windows Start Menu
- Common Configuration Options
- Advanced Configuration Methods
- Managing Drivers and Devices

**Lab : Managing Windows 10 Settings**

**Lab : Synchronizing settings between devices**

**Lab : Managing local and network printers**

## Module 4: Updating Windows

- Windows Servicing Model
- Updating Windows

**Lab : Managing Windows Update Settings**

## Module 5: Configuring Networking

- Configure IP Network Connectivity
- Implement Name Resolution
- Implement Wireless Network Connectivity
- Remote Access Overview
- Remote Management

**Lab : Configuring Network Connectivity**

**Lab : Configuring and Testing Name Resolution**

**Lab : Administering Windows 10 Using Remote Management**

## Module 6: Configuring Storage

- Managing Storage
- Managing Disks and Volumes
- Managing Storage Spaces

**Lab : Managing Storage**

**Lab : Creating a Storage Space**

## Module 7: Configuring Data Access and Usage

- Overview of File Systems
- Configuring and Managing File Access
- Configuring and Managing Shared Folders
- Managing User Files

**Lab : Configuring and Managing Permissions and Shares**





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**Lab : Using Conditions to Control Access and Effective Permissions**

**Lab : Work Folders**

**Lab : Synchronizing files with OneDrive**

## Module 8: Managing Apps in Windows Client

- Providing Apps to Users
- Managing Universal Windows Apps
- Managing the Microsoft Edge Browser

**Lab : Installing Apps in Windows 10**

**Lab : Configuring Microsoft Edge to support Internet Explorer**

## Module 9: Configuring Threat Protection and Advanced Security

- Malware and Threat Protection
- Microsoft Defender
- Connection Security Rules
- Advanced Protection Methods

**Lab : Configuring Microsoft Defender Antivirus and Windows Security**

**Lab : Configuring Firewall and Connection Security**

**Lab : Configuring BitLocker**

## Module 10: Supporting the Windows Client Environment

- Windows Architecture
- Support and Diagnostic Tools
- Monitoring and Troubleshooting Computer Performance

**Lab : Monitoring Events**

**Lab : Monitoring Reliability and Performance**

## Module 11: Troubleshooting Files & Applications

- File Recovery in Windows
- Application Troubleshooting

**Lab : Using File History to Recover Files**

## Module 12: Troubleshooting the OS

- Troubleshooting Windows Startup
- Troubleshooting Operating System Service Issues

**Lab : Using Advanced Startup and Windows RE to recover from Boot Failures**

**Lab : Recovering Windows using Reset This PC**

## Module 13: Troubleshooting Hardware and Drivers

- Troubleshooting Device Driver Failures
- Overview of Hardware Troubleshooting
- Troubleshooting Physical Failures

**Lab : Recovering Windows by using a Restore Point**

**Lab : Troubleshooting Hardware by Using Windows Memory Diagnostics**

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Starting at **\$3,295**

**ATTENTION**

For GSA pricing or Contractor quotes call  
301-258-8200 - Option 2.

**GSA**



**Price Match Guarantee**

We'll match any competitor's price quote. Call us at 240-667-7757.