

MD-101T01 Deploying the Modern Desktop

Course Summary

Description

In this 2-day course, as desktops has evolved, so have methods for deploying and updating them. In this course, you'll learn how to plan and implement an operating system deployment strategy. This course will help you understand the various methods available, the scenarios they're suited for, as well as how to deploy Windows using modern methods. This course will also cover planning and implementing an update strategy for Windows.

This class is part of the following 5-day comprehensive class: <https://www.protechtraining.com/md-101-managing-modern-desktops-pt21956>

Objective

After completing this course, learners should be able to:

- Use Windows troubleshooting and monitoring tools.
- Troubleshoot Windows installations.
- Troubleshoot application installation issues.
- Troubleshoot web browser settings.
- Troubleshoot Windows authentication.
- Troubleshoot hardware issues related to Windows machines.

Topics

- Planning an Operating System Deployment Strategy
- Implementing Windows 10
- Managing Updates for Windows 10
- Course Conclusion

Audience

The Modern Desktop Administrator deploys, configures, secures, manages, and monitors devices and client applications in an enterprise environment. Responsibilities include managing identity, access, policies, updates, and apps. The MDA collaborates with the M365 Enterprise Administrator to design and implement a device strategy that meets the business needs of a modern organization.

The Modern Desktop Administrator must be familiar with M365 workloads and must have strong skills and experience of deploying, configuring, and maintaining Windows 10 and non-Windows devices. The MDA role focuses on cloud services rather than on-premises management technologies.

Prerequisite

The Modern Desktop Administrator must be familiar with M365 workloads and must have strong skills and experience of deploying, configuring, and maintaining Windows 10 and non-Windows devices. The MDA role focuses on cloud services rather than on-premises management technologies.

Duration

Two Day

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Course Outline

I. *Planning an Operating System Deployment Strategy*

This module explains how to plan and implement a deployment strategy. It covers various methods and scenarios for deploying Windows. It discusses on-premise and cloud technologies as well as considerations for new deployments, upgrading, and migrations.

- A. Overview of Windows as a service
- B. Windows 10 Deployment options
- C. Considerations for Windows 10 deployment
- Lab : Practice Lab - Planning Windows 10 deployment

II. *Implementing Windows 10*

This module covers new modern methods for deploying Windows 10 such as Windows Autopilot and provisioning packages. This module also covers tool used in upgrade planning, application compatibility and migration methods.

- A. Implementing Windows 10 by using dynamic deployment
- B. Implementing Windows 10 by using Windows Autopilot
- C. Upgrading devices to Windows 10
- Lab : Practice Lab - Implementing Windows 10
- Creating and deploying provisioning package
- Migrating user settings
- Deploying Windows 10 with AutoPilot

III. *Managing Updates for Windows 10*

This module covers managing updates to Windows. This module introduces the servicing options for Windows 10. Students will learn the different methods for deploying updates and how to configure windows update policies.

- A. Implementing Windows 10 by using dynamic deployment
- B. Implementing Windows 10 by using Windows Autopilot
- C. Upgrading devices to Windows 10

- Lab : Practice Lab - Managing Updates for Windows 10
- Manually configuring Windows Update settings
- Configuring Windows Update by using GPOs

IV. *Course Conclusion*

- A. Final Exam
- Lab : Graded Lab