
Configuring Windows 10

Module 1: Configuring Peripherals and Drivers

This module will cover device configuration. Students will learn how device drivers work and how to install them. Students will also be introduced to managing and configuring hardware peripherals, such as printers.

Lessons

- Managing Devices and Drivers
- Managing Printers

After completing this module, students will be able to:

- Describe concepts related to drivers
- Install a device driver
- Describe printer management concepts
- Configure client-side printing and managing print server properties

Module 2: Configuring Networking

In this module, students will learn about networking concepts. This module will introduce to IPv4 and IPv6 and concepts like DNS. Students will learn how to configure network settings in Windows, as well as learn about wireless network technologies. The module will conclude with methods of managing Windows remotely.

Lessons

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

After completing this module, students will be able to:

- Describe the different types of applications
- Install applications manually and using automated methods
- Manage application deployment using the Windows Store
- Learn about web browser features in Windows 10

Module 3: Configuring Storage

This module covers storage configuration and management in Windows 10. Students will be introduced to local, cloud and virtual storage options. This course will also cover configuring storage on client devices and introduce storage spaces.

Lessons

- Overview of storage options
- Using OneDrive
- Managing Disks, Partitions, and Volumes
- Maintaining Disks and Volumes
- Managing Storage Spaces

Lab : Practice Lab: Managing Storage

- Adding a Disk
- Creating a Simple Volume
- Compressing a Folder
- Enabling Disk Quotas
- Creating a Storage Space

After completing this module, students will be able to:

- Describe the options and benefits of local, cloud, and virtual storage
- Configure OneDrive
- Configure local disk partitions and volumes
- Describe the capabilities and benefits of Storage spaces

Module 4: Managing Apps in Windows 10

In this module, Students will be introduced to App management in Windows 10. This module will cover the different types of apps and supported installation methods. Students will learn how to install apps using manual and automated methods, as well as manage app delivery using the Windows Store. Finally, this module will cover the differences between Internet Explorer and Microsoft Edge.

Lessons

- Providing Apps to Users
- Managing Universal Windows Apps
- The Windows Store
- Web browsers in Windows 10

After completing this module, students will be able to:

- Describe the different types of applications
- Install applications manually and using automated methods
- Manage application deployment using the Windows Store
- Learn about web browser features in Windows 10

Module 5: Course Conclusion

Lessons

- Final Exam

Lab : Graded Lab