

Protecting Windows 10 (MD-100.3)

Modality: On Demand

Duration: 18 Hours

About this course:

This course caters to the security needs and protection methods for Windows 10 OS. In this course, you will be taught about how to protect and secure data in Windows 10 device. This course will teach you on general methods for the authentication and access control processes. You will learn about the ways to set up file and folder permissions and devising security policies. External threats to security are crucial to cater as well, therefore this course will teach about how to use the encryption and firewall techniques for maximum advantage for the OS, as well as software like Windows Defender.

Learning Objectives:

The course has the following learning objectives:

- Enlisting the methods for securing Windows 10 and the device
- Setting up account access and authentication
- Devising security policies
- Explain common security threats and devising methods to alleviate them

Audience:

This course is designed for IT Support officers and Windows administrators

Requirements:

The course requires you to have some prior knowledge of computer networking systems and understanding of hardware materials. Furthermore, you should have basic knowledge of operating systems and application ideas. Alongside, you must have some experience of using the Windows OS.

Course Outline:

Configuring Authorization and Authentication

- Authentication
- Configuring User Account Control
- Implementing Device Registration
- Module Assessment

Configuring Data Access and Usage

- Overview of File Systems
- Configuring and Managing File Access
- Configuring and Managing Shared Folders
- Practice Lab
- Module Assessment

Configuring Threat Protection

- Malware and Threat Protection
- Windows Defender
- Connection Security Rules
- Advanced Protection
- Practice Lab
- Module Assessment

Course Conclusion

- Graded Lab
- Final Exam