Managing Modern Desktops (MD-101)

Modality: On Demand

Duration: 18 Hours

About this course:

As desktops have 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, Modern environments require the Desktop Administrator be able to manage and support phones, tablets, and computers, whether it be owned by the organization or personally owned by the employee. 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 course gets into managing modern desktops. Topics covered include planning a Windows 10 deployment, Windows 10 installation options, Windows Update as a service, user and device profiles, device enrollment with Intune and Azure, managing applications, Azure AD identity management, implementing compliance and device authentication, and implementing Windows 10 security.

Course Objectives:

After completing this course, learners should be able to:

- Develop an Operating System deployment and upgrade strategy
- Understand the different methods of deployment.
- Understand which scenarios on-premise and cloud-based solutions can be used for.
- Deploy and migrate desktops to Windows 10.
- Plan and configure Windows Update policies.
- Understand the benefits and methods of co-management strategies.
- Configuring Intune
- Enroll devices in Intune and configure device policies
- Manage user profiles and folder redirection
- Plan a mobile application management strategy
- Manage and deploy apps, including Office 365 ProPlus and Internet
- Explorer settings
- Describe the benefits and capabilities of Azure AD.
- Manage users using Azure AD with Active Directory DS.
- Implement Windows Hello for Business.
- Configure conditional access rules based on compliance policies.
- Describe the various tools used to secure devices and data.
- Implement Windows Defender Advanced Threat Protection.

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.

Course Outline:

This Course Includes:

- Course Introduction
- Chapter 1 - Planning a Windows 10 Deployment
- Chapter 2 - Windows 10 Installation Options
- Chapter 3 - Windows Update as a Service
- Chapter 4 - User and Device Profiles
- Chapter 5 - Device Enrollment with Intune and Azure
- Chapter 6 - Managing Applications
- Chapter 7 - Azure AD Identity Management
- Chapter 8 - Implementing Compliance and Device Authentication
- Chapter 9 - Implementing Windows 10 Security
- Course Summary