CertKit: Microsoft MD-102: Microsoft Endpoint Administrator

In this CertKit, students will learn to plan and execute an endpoint deployment strategy using contemporary deployment techniques and implementing update strategies. The course introduces essential elements of modern management, co-management approaches, and Microsoft Intune integration. It covers app deployment, management of browser-based applications, and key security concepts such as authentication, identities, access, and compliance policies. Technologies like Azure Active Directory, Azure Information Protection, and Microsoft Defender for Endpoint are explored to protect devices and data.

Prerequisites:
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 later, and non-Windows devices.

Course outcome:
- Manage Azure Active Directory identities and device authentication
- Enroll devices using Microsoft Configuration Manager and Microsoft Intune
- Execute and oversee device profiles
- Execute mobile application management
- Deploy and update applications
- Administer endpoint applications
- Protect identities in Azure Active Directory
- Deploy device data protection
- Manage Microsoft Defender for Endpoint; in Windows client and for Cloud Apps
- Manage Azure Virtual Desktop

Who should attend:
The Microsoft 365 Endpoint Administrator is responsible for deploying, configuring, securing, managing, and monitoring devices and client applications in a corporate setting. Their duties include managing identity, access, policies, updates, and apps. They work alongside the M365 Enterprise Administrator to develop and execute a device strategy that aligns with the requirements of a modern organization. Microsoft 365 Endpoint Administrators should be well-versed in M365 workloads and possess extensive skills and experience in deploying, configuring, and maintaining Windows 11 and later, as well as non-Windows devices. Their role emphasizes cloud services over on-premises management technologies.

CertKit content:
- E-learning courses:
  - Windows Client: Preparing to Install Windows 10
  - Windows Client: Deploying Windows 10
  - Windows Client: Configuring Windows 10
  - Windows Client: Advanced Windows 10 Settings
  - Windows Client: Working with Devices in Windows 10
  - Managing Modern Desktops: Deployment Tools, Migration, & Activation
  - Managing Modern Desktops: Windows Client Provisioning with Autopilot
  - Managing Modern Desktops: The Microsoft Deployment Toolkit (MDT)
  - Windows Client: Remote Management & Monitoring
  - Windows Client: Working with User Accounts
  - Windows Client: Windows Security Management
  - Managing Modern Desktops: Conditional Access
  - Managing Modern Desktops: Compliance Policies & Configuration Profiles
  - Managing Modern Desktops: Device Lifecycle Management
  - Managing Modern Desktops: Managing and Monitoring Devices
  - Managing Modern Desktops: Managing Device Updates
  - Managing Modern Desktops: Application Deployment
  - Managing Modern Desktops: App Protection & Configuration
  - Windows Client: Windows 10 Update Management
  - Windows Client: Working with Group Policy
  - Managing Modern Desktops: Azure Active Directory
  - Managing Modern Desktops: Endpoint Protection
  - Managing Modern Desktops: Endpoint Analytics

- MeasureUp Exam simulation
  - 170+ questions
- Online Mentor
- Tips & Tricks
- Practice Labs (option)
  - Welcome to the Microsoft Endpoint Administrator Practice lab. After completion of this title, you will have gained hands-on experience in managing, configuring and maintaining corporate environments using the Microsoft Intune Admin Center. By completing the modules, you will improve your practical skills in managing and monitoring devices remotely using Microsoft technologies, especially Microsoft Intune and Entra, formerly known as Azure Active Directory. These same modules will help you understand the objectives and competencies required by the Microsoft Endpoint Administration certification exam (MD-102). This Practice Lab focuses on the practical aspects of the exam objectives to provide hands-on experience for preparation for the exam. No prior hands-on experience is required to use or complete this Practice Lab. However, we assume that you know how to use a computer and that you are familiar with basic networking technologies and operating system management.