

MD-101: Managing Modern Desktops

Module 1: 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.

Module 2: 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.

Module 3: 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.

Module 4: Course Conclusion

Module 5: Device Enrollment

In this module, students will examine the benefits and prerequisites for co-management and learn how to plan for it. This module will also cover Azure AD join and will be introduced to Microsoft Intune, as well as learn how to configure policies for enrolling devices. The module will conclude with an overview of device inventory in Intune and reporting using the Intune console, Power BI and Microsoft Graph.

Module 6: Configuring Profiles

This module dives deeper into Intune device profiles including the types of device profiles and the difference between built-in and custom profiles. The student will learn about assigning profiles to Azure AD groups and monitoring devices and profiles in Intune. The module will conclude with an overview of using Windows Analytics for health and compliance reporting.

Module 7: Application Management

In this module, students learn about application management on-premise and cloud-based solutions. This module will cover how to manage Office 365 ProPlus deployments in Intune as well as how to manage apps on non-enrolled devices. The module will conclude with an overview of Enterprise Mode with Internet Explorer and Microsoft Edge and tracking your installed applications, licenses, and assigned apps using Intune.

Module 8: Course Conclusion

Module 9: Managing Authentication in Azure AD

In this module, students will be introduced to the concept of directory in the cloud with Azure AD. Students will learn the similarities and differences between Azure AD and Active Directory DS and how to synchronize between the two. Students will explore identity management in Azure AD and learn about identity protection using Windows Hello for Business, as well as Azure AD Identity Protection and multi-factor authentication. The module will conclude with securely accessing corporate resources and introduce concepts such as Always On VPN and remote connectivity in Windows 10.

Module 10: Managing Devices and Device Policies

In this module, students will be introduced to managing device security with Intune. Students will discover how Intune can use device profiles to manage configuration of devices to protect data on a device. Students will learn how to create and deploy compliance policies and use compliance policies for conditional access. The module concludes with monitoring devices enrolled in Intune.

Module 11: Managing Security

In this module, students will learn about data protection. Topics will include Windows & Azure Information Protection, and various encryption technologies supported in Windows 10. This module also covers key capabilities of Windows Defender Advanced Threat Protection and how to implement these capabilities on devices in your organization. The module concludes using Windows Defender and using functionalities such as antivirus, firewall and Credential Guard.

Module 12: Course Conclusion