Managing Modern Desktops and Devices

Module 1: Device Enrollment

In this module, students will examine the benefits and prerequisites of co-management and learn how to plan for it. This module will also cover Azure AD join, an introduction to Microsoft Intune, as well as 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.

Lessons

- Device management options
- Manage Intune device enrollment and inventory

Lab : Practice Lab - Device Enrollment and Management

- Installing the MDM Migration Analysis Tool (MMAT)
- Obtain Intune and Azure AD Premium licenses and enable device management
- Enrolling devices in Intune
- Managing devices in Intune
- Creating device inventory reports

After completing this module, students will be able to:

- Describe benefits and methods for migrating to co-management
- Deploy an MDM with Microsoft Intune
- Configure device enrollment
- Enroll desktop and mobile devices in Windows Intune
- Configure and downloads inventory reports

Module 2: 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.

Lessons

- Configuring device profiles
- Managing user profiles
- Monitoring devices

Lab : Practice Lab - Managing profiles

- Configuring roaming user profiles and Folder Redirection
- Create and deploy device profile based on the scenario
- Change deployed policy and monitor user and device activity
- Configuring Enterprise State Roaming

After completing this module, students will be able to:

- Describe the types of device profiles
- Create and assign device profiles
- Configure user profile and folder redirection
- Monitor and report on devices using Intune and Windows Analytics

Module 3: 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.

Lessons

- Implement Mobile Application Management (MAM)
- Deploying and updating applications
- Administering applications

Lab : Practice Lab - Managing Applications

- Deploying apps by using Intune
- Configure and deploy Office 365 ProPlus from Intune
- Configure MAM policies in Intune

After completing this module, students will be able to:

- Describe the methods for application management
- Deploy applications using Intune and Group Policy
- Configure Microsoft Store for Business
- Deploy Office365 ProPlus using Intune
- Manage and report application inventory and licenses
- Configure Internet Explorer Enterprise Mode

Module 4: Course Conclusion

Lessons

- Final Exam

Lab : Graded Lab

After completing this module, students will be able to:

- Describe the types of device profiles
- Create and assign device profiles
- Configure user profile and folder redirection

- Monitor and report on devices using Intune and Windows Analytics