M55399A - Implement and Manage Microsoft Intune

Duration: 24 Hours (3 Days)

Course Overview

The M55399A - Implement and Manage Microsoft Intune course is expertly designed for professionals looking to excel in modern device management. Over the course of three days, participants will receive in-depth training on key topics such as device enrollment, application management, and endpoint security using Microsoft Intune. You will learn advanced techniques for deploying applications and maintaining device compliance across various platforms, including Windows, iOS, and Android. The course also covers Windows Autopilot for deploying Windows operating systems, with practical labs to reinforce real-world application of these concepts. Ideal for those managing enterprise devices, this course equips you with the skills to enhance productivity and security within your organization.

Audience Profile

The M55399A course covers Microsoft Intune management, focusing on device enrollment, application deployment, and security for enterprise professionals.

- IT Managers
- Systems Administrators
- Network Administrators
- Device Management Specialists
- Security Professionals
- Compliance Officers
- Technical Support Staff
- IT Professionals involved in device and application management within an enterprise environment

Course Syllabus

Module 1: Introduction to Microsoft Intune

This module introduces the Microsoft Intune product family and associated Azure Active Directory features.

Lessons:

- Mobile Device Management
- Microsoft Intune
- Azure Active Directory
- AAD Identity Protection
- AAD Conditional Access

Lab: Environment Setup and Conditional Access

- Sign up for M365 E5 Trial
- Create Users and Groups
- Create Identity Protection Policies

Module 2: Microsoft Intune Device Management

This module covers the features and implementation of Mobile Device Management using Microsoft Intune, including device enrollment, compliance, configuration, and operating system updates.

Lessons:

- Enrolling Devices
- Device Compliance
- Device Profiles
- Device Updates

Lab: Enrolling Windows Devices

- Prepare for Enrollment
- Enroll a Windows Device
- Enroll an iOS Device (optional)
- Enroll an Android Device (optional)
- Create and deploy compliance and conditional access policies
- Create and deploy configuration profiles

Module 3: Microsoft Intune Application Management

This module covers the deployment and management of applications using Microsoft Intune on both enrolled and unenrolled devices.

Lessons:

- Application Management
- Deploying Applications
- Application Configuration
- Managing Applications
- Policy Sets and Guided Scenarios

Lab: Deploying Apps

- Deploy Remote Desktop and M365 Apps for Enterprise to managed client machines
- Deploy Notepad++ (optional)
- Deploy Apps to iOS (optional)
- Deploy Apps to Android (optional)

Module 4: Microsoft Intune Endpoint Security

This module discusses centralized endpoint security features and policies within Microsoft Intune.

Lessons:

- Security Baselines and Tasks
- Antivirus
- Disk Encryption
- Firewall
- Attack Surface Reduction
- Endpoint Detection and Response
- Account Protection

Lab: Manage Endpoint Security in Microsoft Intune

- Implement Windows Security Baseline
- Implement Microsoft Edge Security Baseline
- Implement Attack Surface Reduction policies

Module 5: Deploying Windows with Windows Autopilot

This module explains the Windows Autopilot suite of products and how to deploy Windows operating systems using Windows Autopilot.

Lessons:

- Windows Autopilot Overview
- Preparing for Windows Autopilot Deployment
- Deploying Windows 11 using Windows Autopilot

Lab: Deploying Windows 11 using Windows Autopilot

- Prepare AAD for Windows Autopilot
- Prepare a Windows client for Windows Autopilot
- Deploy Windows 11 using Windows Autopilot

Module 6: Microsoft Intune Additional and Premium Features

This module introduces some of the current and upcoming additional and premium features of Microsoft Intune.

Lessons:

- Remote Help
- Tunnel for Mobile Application Management
- Endpoint Privilege Management
- Advanced Endpoint Analytics

Lab: Performing Remote Help on a Windows 11 Client

- Sign up for Remote Help Trial
- Configure Remote Help
- Perform a Remote Help session