

MD 102- Manage and Secure Microsoft 365 Endpoints by Using Intune



Days: 5

Prerequisites: Students should have a basic understanding of Microsoft 365 administration concepts and familiarity with Microsoft Entra ID and user/group management.

Audience: As a candidate for this course and the associated exam, you have subject matter expertise managing devices and client applications in a Microsoft 365 tenant by using Microsoft Intune. As an endpoint administrator, you collaborate with architects, Microsoft 365 administrators, security administrators, and other workload administrators to plan and implement a modern workplace strategy that meets the business needs of an organization. You are responsible for:

- Implementing solutions for efficient deployment and management of endpoints on various operating systems, platforms, and device types.
- Implementing and managing endpoints at scale by using Microsoft Intune, Microsoft Intune Suite, Windows Autopilot, Microsoft Security Copilot, Microsoft Defender for Endpoint, Microsoft Entra ID, Azure Virtual Desktop, and Windows 365.
- Implementing identity, security, access, policies, updates, and apps for endpoints.

Description: In this course, students learn to plan and execute an endpoint deployment, configuration, and management strategy using Microsoft Intune as the unified endpoint management platform. The course covers preparing identity and device infrastructure with Microsoft Entra ID, enrolling and configuring devices, managing applications, and protecting endpoints and data. Students also explore automation with PowerShell and Microsoft Graph, AI-assisted management with Microsoft Security Copilot, the extended capabilities of the Microsoft Intune Suite, and the delivery of cloud-hosted desktops with Windows 365 and Azure Virtual Desktop. Technologies explored include Microsoft Intune, Microsoft Entra ID, Windows Autopilot, Microsoft Defender for Endpoint, Microsoft Tunnel, Microsoft Cloud PKI, the Microsoft Intune Suite, Windows 365, and Azure Virtual Desktop.

OUTLINE:

LESSON 1: PREPARE INFRASTRUCTURE FOR DEVICES USING MICROSOFT INTUNE AND MICROSOFT ENTRA ID

LESSON 2: MANAGE AND MAINTAIN DEVICES USING MICROSOFT INTUNE

LESSON 3: MANAGE APPLICATIONS USING MICROSOFT INTUNE

LESSON 4: PROTECT DEVICES USING MICROSOFT INTUNE

LESSON 5: AUTOMATE AND OPTIMIZE ENDPOINT MANAGEMENT USING MICROSOFT INTUNE

LESSON 6: SUPPORT OPERATIONAL EXCELLENCE AND READINESS USING MICROSOFT INTUNE

LESSON 7: EXTEND ENDPOINT CAPABILITIES USING MICROSOFT INTUNE SUITE

LESSON 8: DELIVER CLOUD-HOSTED DESKTOPS USING AZURE VIRTUAL DESKTOP AND WINDOWS 365