Microsoft 365 Endpoint Administrator Training

Duration: **5 Day**

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Overview

Develop the skills to deploy, configure, secure, and manage Microsoft 365 endpoints using Microsoft Intune and Microsoft Entra ID.

This five-day course provides IT professionals with practical experience in managing devices, applications, identities, and endpoint security across an organisation. You'll learn how to implement modern device management strategies, automate administrative tasks, and maintain secure, compliant endpoints.

Explore Microsoft Intune, Windows Autopilot, Microsoft Defender for Endpoint, and the Microsoft Intune Suite. You'll also discover how PowerShell, Microsoft Graph, and AI-powered tools such as Microsoft Security Copilot can improve endpoint management efficiency.

Through six hands-on labs, you'll apply your knowledge to realistic administration scenarios, from device enrolment and application deployment to security configuration and troubleshooting.

The course also covers cloud-hosted desktops using Windows 365 and Azure Virtual Desktop, helping you support flexible and secure working environments.

Prerequisites

Before attending this course, learners should have:

- Experience administering Microsoft 365 environments, including Microsoft Intune and Microsoft Entra ID
- Practical knowledge of deploying, configuring, and maintaining Windows client devices
- Familiarity with managing non-Windows devices in an organisational environment
- An understanding of device management, networking, and cloud-based services
- Experience implementing security policies, managing user access, and troubleshooting endpoint issues

Previous experience in an endpoint administration role is recommended.

No mandatory prerequisite certification is required.

Target audience

This course is designed for IT professionals responsible for deploying, managing, and securing devices and applications within Microsoft 365 environments.

It is particularly relevant for:

- Endpoint administrators managing Windows and non-Windows devices
- Microsoft 365 administrators responsible for device configuration and security
- IT professionals implementing Microsoft Intune and Microsoft Entra ID
- Systems administrators transitioning to cloud-based endpoint management
- Security administrators responsible for device compliance and endpoint protection

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- IT professionals preparing for the Microsoft MD-102 certification exam

The course also supports administrators who collaborate with architects, security teams, and other technology specialists to implement modern workplace strategies.

What You Will Learn

By the end of this course, learners will be able to:

- Prepare and manage endpoint infrastructure using Microsoft Intune and Microsoft Entra ID, including device identities, authentication, enrolment, and Windows Autopilot deployment
- Configure, monitor, maintain, and troubleshoot managed devices, including configuration profiles, device policies, Windows updates, and lifecycle management
- Deploy and manage applications using Microsoft Intune, implementing application protection policies, managing application lifecycles, and maintaining application performance
- Protect organisational devices and data using Microsoft Defender for Endpoint, device encryption, compliance policies, Microsoft Tunnel, and Microsoft Cloud PKI
- Automate endpoint management using PowerShell and Microsoft Graph, and explore how AI-powered tools can support administration, monitoring, and troubleshooting
- Improve endpoint operations through reporting, role-based access control, delegated administration, tenant health monitoring, and Microsoft Intune Suite capabilities
- Configure and manage cloud-hosted desktops using Windows 365 and Azure Virtual Desktop, integrating these services with Microsoft Intune