

Microsoft 365 Endpoint Administrator (MD-102T00)

Duration: 5 days

Audience: Professionnel TI

Who is this training for?

The Microsoft 365 endpoint administrator responsible for deploying, configuring, securing, managing, and monitoring client devices and applications in an enterprise environment

Training objectives

- Plan and execute an endpoint deployment strategy
- Implement modern management and co-management approaches with Microsoft Intune
- Configure and manage device enrollment
- Deploy and administer apps on endpoints
- Configure authentication, identities, and access policies
- Implement device compliance policies and analyze related reports
- Deploy and manage device compliance solutions Endpoint security, including Microsoft Defender
- Plan and execute device deployment using on-premises and cloud-based tools
- Administer Windows 365 and Azure Virtual Desktop environments

Summary

This course enables you to plan and execute an endpoint deployment strategy using modern approaches and update strategies. You'll learn about modern management principles, co-management approaches, and integration with Microsoft Intune. The course covers application deployment and management, including browser-based applications, as well as essential security concepts such as authentication, identities, access, and compliance policies. Technologies such as Azure Active Directory, Azure Information Protection, and Microsoft Defender for Endpoint are discussed in order to protect devices and data.

Course outline

Learning Path 1: Explore Modern Management

- Module 1: Understand Microsoft Entra ID
- Module 2: Manage Microsoft Entra Identities

Learning Path 2: Perform Device Enrollment

- Module 1: Manage Device Authentication
- Module 2: Enroll Devices with Microsoft Intune

Learning Path 3: Set Up Profiles for Users and Devices

- Module 1: Run Device Profiles
- Module 2: Monitor Device Profiles
- Module 3: Maintain User Profiles

Learning Path 4: Review App Management

- Module 1: Run Mobile App Management
- Module 2: Deploy and Update Apps
- Module 3: Administer Endpoint Apps

Learning Path 5: Manage Authentication and Compliance

- Module 1: Protect identities in Azure AD
- Module 2: Enable organizational access
- Module 3: Implement device compliance
- Module 4: Generate inventory and compliance reports

Learning path 6: Manage endpoint security

- Module 1: Deploy device data protection
- Module 2: Manage Microsoft Defender for Endpoint
- Module 3: Manage Microsoft Defender in Windows clients
- Module 4: Manage Microsoft Defender for Cloud Apps

Learning Path 7: Deploy using on-premises tools

- Module 1: Assess deployment readiness
- Module 2: Deploy using Microsoft Deployment Toolkit

Learning Path 8: Deploy using cloud-based tools

- Module 1: Deploy devices with Windows Autopilot
- Module 2: Implement dynamic deployment methods
- Module 3: Plan a transition to modern endpoint management
- Module 4: Manage Windows 365
- Module 5: Manage Azure Virtual Desktop
- Module 6: Explore Microsoft Intune Suite

Approach and methodology

Practical and structured approach combining focused theory and guided workshops. Participants gradually administer Microsoft 365 devices through real-world exercises inspired by professional scenarios, promoting immediate application of learning. They learn how to deploy, configure, secure and manage devices and applications using tools such as Microsoft Intune and Entra ID. Led by a Microsoft certified trainer, the training focuses on interactivity and the development of directly transferable technical skills to effectively administer user environments in a professional context.

Prerequisites

- Proficient in installing, maintaining, and troubleshooting the Windows 11 or later operating system
- Demonstrate an understanding of computer networking, client security, and application concepts
 - Have experience with Active Directory Domain Services or equivalent content

Recommendations

- Basics in Windows and desktop administration
- Knowledge of Microsoft 365 and Microsoft Intune Identity management (Microsoft Entra ID)
- Understanding of security, compliance, and device management concepts