

PROFESSIONAL COURSE OUTLINE

Microsoft

MD-102

Microsoft 365 Endpoint Administrator Associate

In this course, students will learn to plan and execute an endpoint deployment strategy using contemporary deployment techniques and implementing update strategies. The course introduces essential elements of modern management and Microsoft Intune integration. It covers app deployment, management of browser-based applications, and key security concepts such as authentication, identities, access, and compliance policies. Technologies like Microsoft Entra, Windows Autopilot, Microsoft Intune Suite and Microsoft Defender for Endpoint are explored to protect devices and data.

Cloud

Intermediate

M365

PROGRAM CODE

MD-102

DELIVERY

Virtual, On-site, or Hybrid

DURATION

5 days

CERTIFICATION

**Microsoft 365 Certified:
Endpoint Administrator
Associate**

AUDIENCE PROFILE

Who This Program Is For

The Microsoft 365 Endpoint Administrator is responsible for deploying, configuring, securing, managing, and monitoring devices and client applications in a corporate setting. Their duties include managing identity, access, policies, updates, and apps. They work alongside the M365 Enterprise Administrator to develop and execute a device strategy that aligns with the requirements of a modern organization. Microsoft 365 Endpoint Administrators should be well-versed in M365 workloads and possess extensive skills and experience in deploying, configuring, and maintaining Windows 11 and later, as well as non-Windows devices. Their role emphasizes cloud services over on-premises management technologies.

PROGRAM SUMMARY

What This Course Covers

As a candidate for this certification, you have subject matter expertise managing devices and client applications in a Microsoft 365 tenant by using Microsoft Intune.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.



Plan the next session

We can tune this outline around your delivery goals and team mix.

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COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.

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MODULE 1

MD-102 Explore endpoint management

This learning path explains the concepts of supporting the desktop through its entire lifecycle. Students will also be introduced to Microsoft Entra ID and learn the similarities and differences between Microsoft Entra ID and Active Directory DS and how to synchronize between the two.

- Explore the Enterprise Desktop
- Explore Windows Editions
- Understand Microsoft Entra ID
- Manage Microsoft Entra identities

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MODULE 2

MD-102 Execute device enrollment

This learning path will cover Microsoft Entra join and will introduce Microsoft Endpoint Manager. We'll also discuss how to configure policies for enrolling devices to Configuration Manager and Microsoft Intune.

- Manage device authentication
- Enroll devices using Microsoft Configuration Manager
- Enroll devices using Microsoft Intune

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MODULE 3

MD-102 Configure profiles for user and devices

This learning path explores Intune device profiles, the benefits of user profiles and how to synchronize profile data across multiple devices.

- Execute device profiles
- Oversee device profiles
- Maintain user profiles

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MODULE 4

MD-102 Examine application management

Learners will examine application management methods using on-premises and cloud-based solutions.

- Execute mobile application management
- Deploy and update applications
- Administer endpoint applications



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MODULE 5

MD-102 Manage authentication and compliance

This learning path covers the various solutions for managing authentication. Students will also learn about the different types of VPNs, as well as compliance and conditional access policies.

- Protect identities in Microsoft Entra ID
- Enable organizational access
- Implement device compliance
- Generate inventory and compliance reports

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MODULE 6

MD-102 Manage endpoint security

In this learning path, students will learn about data protection and protecting endpoints against threats. This path will also cover the key capabilities of Microsoft Defender solutions.

- Deploy device data protection
- Manage Microsoft Defender for Endpoint
- Manage Microsoft Defender in Windows client
- Manage Microsoft Defender for Cloud Apps

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MODULE 7

MD-102 Deploy using on-premises based tools

Students are introduced to deployment using the Microsoft Deployment Toolkit and Configuration Manager.

- Assess deployment readiness
- Deploy using the Microsoft Deployment Toolkit
- Deploy using Microsoft Configuration Manager

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MODULE 8

MD-102 Deploy using cloud based tools

Students will learn about using Windows Autopilot and deployment using Microsoft Intune. Students will also learn how co-management can be used to transition to modern management.

- Deploy Devices using Windows Autopilot
- Implement dynamic deployment methods
- Plan a transition to modern endpoint management
- Manage Windows 365
- Manage Azure Virtual Desktop
- Explore Microsoft Intune Suite