

Microsoft 365 Endpoint Administrator MD-102T00



Course Name	Microsoft 365 Endpoint Administrator
Course Code	MD-102T00
Course Duration	5 Days
Course Structure	Instructor-Led
Course Overview	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.
Audience Profile	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.
Course Prerequisites	<ul style="list-style-type: none"> • Strong technical skills installing, maintaining, and troubleshooting the Windows 10 OS or later. • Strong understanding of computer networking, client security, and application concepts. • Experience using Active Directory Domain Services.
Course Outcome	In this course, students will be prepared with the knowledge and skills required to: <ul style="list-style-type: none"> • Manage Microsoft Entra identities • Execute device enrolment • Configure profiles for user and devices • Examine application management

	<ul style="list-style-type: none"> • Manage authentication and compliance • Manage endpoint security • Deploy using on-premises based tools • Deploy using cloud-based tools
Assessment/Evaluation	<p>This course will prepare delegates to take Microsoft 365 Endpoint Administrator (MD-102T00) Exam.</p> <p>Successfully passing this exam will result in the attainment of the Microsoft 365 Endpoint Administrator (MD-102T00) Certification and Certificate of Attendance issued by IT-IQ Botswana</p>

Course Details	
Topic	<p>Module 1: Explore endpoint management</p> <p>This learning path is designed to provide a comprehensive understanding of enterprise desktops, Windows editions, and Microsoft Entra ID. It includes exploring various Windows editions, including their features and installation methods. It delves into Microsoft Entra ID, highlighting its similarities and differences with AD DS and how to synchronize the two. Furthermore, learners will better understand managing Microsoft Entra identities. Overall, this learning path equips learners with the necessary knowledge and skills to effectively support enterprise desktops and manage Microsoft Entra identities.</p> <p>Topics:</p> <ul style="list-style-type: none"> • Explore the Enterprise Desktop • Explore Windows Editions • Understand Microsoft Entra ID • Manage Microsoft Entra identities

	<p>Module 2: Execute device enrolment 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.</p> <p>Topics</p> <ul style="list-style-type: none">• Manage device authentication• Enrol devices using Microsoft Configuration Manager• Enrol devices using Microsoft Intune <p>Module 3: 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.</p> <p>Topics:</p> <ul style="list-style-type: none">• Execute device profiles• Oversee device profiles• Maintain user profiles <p>Module 4: Examine application management Learners will examine application management methods using on-premises and cloud-based solutions.</p> <p>Topics:</p> <ul style="list-style-type: none">• Execute mobile application management• Deploy and update applications• Administer endpoint applications
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	<p>Module 5: 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.</p> <p>Topics:</p> <ul style="list-style-type: none">• Protect identities in Microsoft Entra ID• Enable organizational access• Implement device compliance• Generate inventory and compliance reports <p>Module 6: 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.</p> <p>Topics:</p> <ul style="list-style-type: none">• Deploy device data protection• Manage Microsoft Defender for Endpoint• Manage Microsoft Defender in Windows client• Manage Microsoft Defender for Cloud Apps <p>Module 7: Deploy using on-premises based tools Students are introduced to deployment using the Microsoft Deployment Toolkit and Configuration Manager.</p> <p>Topics:</p> <ul style="list-style-type: none">• Assess deployment readiness• Deploy using the Microsoft Deployment Toolkit• Deploy using Microsoft Configuration Manager
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	<p>Module 8: 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.</p> <p>Topics:</p> <ul style="list-style-type: none">• 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
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