APPLIED TECHNOLOGY ACADEMY

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Microsoft 365 Endpoint Administrator (MD-102) Training

Microsoft Authorized Training · Applied Technology Academy

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, co-management approaches, 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 Azure Active Directory, Azure Information Protection, and Microsoft Defender for Endpoint are explored to protect devices and data.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Expert	**5 Days**	**1 year: Microsoft 365 Workloads**	**$99,130**	**Yes**

Course Overview

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 Outline

- **Module 1: Explore the Enterprise Desktop**
- **Module 2: Explore Windows Editions**
- **Module 3: Understand Microsoft Entra ID**
- **Module 4: Manage Microsoft Entra identities**
- **Module 5: Manage device authentication**
- **Module 6: Enroll devices using Microsoft Configuration Manager**
- **Module 7: Enroll devices using Microsoft Intune**
- **Module 8: Execute device profiles**
- **Module 9: Oversee device profiles**
- **Module 10: Maintain user profiles**

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- **Module 11: Execute mobile application management**
- **Module 12: Deploy and update applications**
- **Module 13: Administer endpoint applications**
- **Module 14: Protect identities in Microsoft Entra ID**
- **Module 15: Enable organizational access**
- **Module 16: Implement device compliance**
- **Module 17: Generate inventory and compliance reports**
- **Module 18: Deploy device data protection**
- **Module 19: Manage Microsoft Defender for Endpoint**
- **Module 20: Manage Microsoft Defender in Windows client**
- **Module 21: Manage Microsoft Defender for Cloud Apps**
- **Module 22: Assess deployment readiness**
- **Module 23: Deploy using the Microsoft Deployment Toolkit**
- **Module 24: Deploy using Microsoft Configuration Manager**
- **Module 25: Deploy Devices using Windows Autopilot**
- **Module 26: Implement dynamic deployment methods**
- **Module 27: Plan a transition to modern endpoint management**
- **Module 28: Manage Windows 365**
- **Module 29: Manage Azure Virtual Desktop**

Intended Audience

- People who want to become Microsoft 365 ™ administrators and engineers
- People preparing for the Microsoft ® MS-102 exam

Prerequisites

- Basic understanding of Microsoft 365™ workloads
- Basic understanding of networking, server administration, and IT fundamentals such as DNS, Active Directory, and PowerShell

Sales & Operations

Effective consultative sales, operations management and varying forms of leadership are just a few of the soft skills training courses that we offer. The sky is the limit when it comes to bettering your team's effectiveness in their designated career roles.

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