

MD - 102 : Microsoft 365 Endpoint Administrator

Course Outline

Module 1: Explore the Enterprise Desktop

- Learn the benefits of Modern Management.
- Understand the enterprise desktop lifecycle model.
- Explore hardware strategies and post-deployment considerations.

Module 2: Explore Windows Editions

- Differentiate between Windows editions.
- Identify the most suitable Windows device.
- Learn the minimum hardware requirements for Windows 11.

Module 3: Understand Microsoft Entra ID

- Explore Microsoft Entra ID and compare it to Active Directory Domain Services (AD DS).
- Learn how Microsoft Entra ID is used as a directory for cloud apps.
- Understand Entra ID P1, P2, and Domain Services.

Module 4: Manage Microsoft Entra Identities

- Use RBAC and user roles in Microsoft Entra ID.
- Create and manage users and groups in Entra ID.
- Learn PowerShell cmdlets for managing Entra ID.
- Synchronize objects from AD DS to Entra ID.

Module 5: Manage Device Authentication

- Learn Microsoft Entra join and its prerequisites, limitations, and benefits.
- Manage devices joined to Microsoft Entra ID.

Module 6: Enroll Devices Using Microsoft Configuration Manager

- Understand Microsoft Endpoint Manager and Configuration Manager.
- Deploy and monitor the Configuration Manager client.
- Manage Configuration Manager devices.

Module 7: Enroll Devices Using Microsoft Intune

- Prepare Intune for device enrollment.
- Enroll Windows, Android, and iOS devices in Intune.
- Monitor and perform remote actions on enrolled devices.

Module 8: Execute Device Profiles

- Create and manage device profiles in Intune.
- Understand built-in vs custom profiles.

Module 9: Oversee Device Profiles

- Monitor profile assignments and synchronize profiles.
- Use PowerShell to execute and monitor scripts on devices.

Module 10: Maintain User Profiles

- Understand user profile types in Windows.
- Configure user profiles and Folder Redirection.
- Implement Enterprise State Roaming for Azure AD devices.

Module 11: Execute Mobile Application Management (MAM)

- Learn MAM and use Intune and Configuration Manager for app management.
- Implement and manage MAM policies.

Module 12: Deploy and Update Applications

- Deploy apps using Intune, Configuration Manager, and Group Policy.
- Configure Microsoft Store Apps.

Module 13: Administer Endpoint Applications

- Manage apps in Intune and on non-enrolled devices.
- Deploy Microsoft 365 Apps and configure IE mode in Microsoft Edge.

Module 14: Protect Identities in Microsoft Entra ID

- Learn Windows Hello for Business and Microsoft Entra ID Protection.
- Manage self-service password reset and multi-factor authentication.

Module 15: Enable Organizational Access

- Configure VPN types, Always On VPN, and access corporate resources.

Module 16: Implement Device Compliance

- Deploy device compliance policies and create conditional access policies.

Module 17: Generate Inventory and Compliance Reports

- Use Intune to generate reports and monitor compliance.
- Create custom reports using Intune Data Warehouse and Microsoft Graph API.

Module 18: Deploy Device Data Protection

- Implement Windows Information Protection and BitLocker.

Module 19: Manage Microsoft Defender for Endpoint

- Learn key capabilities of Microsoft Defender and other security features like Application Guard, Exploit Guard, and System Guard.

Module 20: Manage Microsoft Defender in Windows Client

- Manage Microsoft Defender Antivirus, Firewall, and Credential Guard.

Module 21: Manage Microsoft Defender for Cloud Apps

- Implement and manage Microsoft Defender for Cloud Apps.

Module 22: Assess Deployment Readiness

- Learn tools and methods to assess deployment environments and mitigate compatibility issues.

Module 23: Deploy Using the Microsoft Deployment Toolkit (MDT)

- Understand traditional deployment methods, MDT, and Configuration Manager integration.

Module 24: Deploy Using Microsoft Configuration Manager

- Learn Configuration Manager capabilities and troubleshoot deployments.

Module 25: Deploy Devices Using Windows Autopilot

- Prepare and execute Autopilot deployments for modern device management.

Module 26: Implement Dynamic Deployment Methods

- Learn about Subscription Activation, Provisioning Packages, and MDM enrollment with Microsoft Entra join.

Module 27: Plan a Transition to Modern Endpoint Management

- Transition workloads to Intune and plan for modern management.

Module 28: Manage Windows 365

- Explore key features, security models, and deployment options for Windows 365.

Module 29: Manage Azure Virtual Desktop

- Understand the features, management experience, security, and deployment of Azure Virtual Desktop.