

MD-102

Microsoft 365 Endpoint Administrator

Module 1: Explore endpoint management

Lessons

- Explore the enterprise desktop
- Explore Windows editions
- Understand Azure Active Directory
- Manage Azure Active Directory identities

Lab :

- Managing Identities in Azure AD
- Synchronizing Identities by using Azure AD Connect

Module 2: Execute device Enrollment

Lessons

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

Lab :

- Configuring and managing Azure AD Join
- Manage Azure AD device registration
- Manage Device Enrollment into Intune
- Enrolling devices into Microsoft Intune

Module 3: Configure profiles for users and devices

Lessons

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

Lab :

- Creating and Deploying Configuration Profiles
- Using a Configuration Profile to configure Kiosk mode
- Using a Configuration Profile to configure iOS and iPad OS Wi-Fi settings
- Using Group Policy Analytics to validate GPO support in Intune

- Monitor device and user activity in Intune

Module 4: Examine application management

Lessons

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

Lab :

- Deploying cloud apps using Intune
- Configure App Protection Policies for Mobile Devices
- Deploy Apps using Microsoft Configuration Manager
- Deploy Apps using Microsoft Store for Business

Module 5: Manage authentication and compliance

Lessons

- Protect identities in Azure Active Directory
- Enable organizational access
- Implement device compliance
- Generate inventory and compliance reports

Lab :

- Configuring Multi-factor Authentication
- Configuring Self-service password reset for user accounts in Azure AD
- Configuring and validating device compliance
- Creating device inventory reports

Module 6: Manage endpoint security

Lessons

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

Lab :

- Configure and Deploy Windows Information Protection Policies by using Intune
- Configuring Endpoint security using Intune
- Configuring Disk Encryption Using Intune

Module 7: Deploy using on-premises based tools

Lessons

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

Lab :

- Deploying Windows 11 using Microsoft Deployment Toolkit
- Deploying Windows 11 using Microsoft Configuration Manager

Module 8: Deploy using cloud-based tools

Lessons

- Deploy Devices using Windows Autopilot
- Implement dynamic deployment methods
- Plan a transition to modern endpoint management
- Manage Windows 365
- Manage Azure virtual desktop

Lab :

- Deploying Windows 11 with Autopilot
- Refreshing Windows with Autopilot Reset and Self-Deploying mode