

MD-102T00: Microsoft 365 Endpoint Administrator

Enhanced 5-Day Training Agenda

Day 1: Explore Endpoint Management and Device Enrollment

Module 1: Introduction to Endpoint Management

- Traditional vs Modern Endpoint Management
- Microsoft Intune Architecture
- Microsoft Entra ID Fundamentals
- Endpoint Administrator Responsibilities
- Device Management Lifecycle

Module 2: Identity and Device Registration

- Microsoft Entra Registered Devices
- Microsoft Entra Joined Devices
- Hybrid Microsoft Entra Joined Devices
- Device Trust Models
- Authentication Methods

Module 3: Device Enrollment

- Windows Enrollment Methods
- Automatic Enrollment
- Enrollment Restrictions
- Enrollment Profiles
- Corporate-Owned vs Personally-Owned Devices

Module 4: Role-Based Administration

- Role-Based Access Control (RBAC)
- Built-in Intune Roles
- Custom Roles
- Scope Tags
- Administrative Delegation

Hands-On Labs

- Configure Microsoft Entra Join
- Configure Hybrid Join
- Enroll Devices into Intune

- Configure RBAC Roles and Scope Tags

Day 2: Device Configuration, Compliance and Security

Module 5: Device Configuration Profiles

- Settings Catalog
- Administrative Templates
- Device Restrictions
- Policy Assignment Strategies
- User vs Device Assignments

Module 6: Compliance Management

- Compliance Policies
- Compliance Evaluation
- Compliance Reporting
- Compliance Remediation

Module 7: Conditional Access Integration

- Conditional Access Fundamentals
- Compliance-Based Access Control
- Device-Based Access Policies
- Common Conditional Access Scenarios

Module 8: Endpoint Security

- Security Baselines
- Antivirus Policies
- Firewall Policies
- Attack Surface Reduction Rules
- Endpoint Security Reports

Hands-On Labs

- Configure Configuration Profiles
- Configure Compliance Policies
- Configure Conditional Access
- Deploy Endpoint Security Policies

Day 3: Application Management and Protection

Module 9: Application Management Fundamentals

- Intune Application Types
- Microsoft Store Applications
- Microsoft 365 Apps
- Web Applications
- Line-of-Business Applications

Module 10: Win32 Application Deployment

- IntuneWin Packaging Tool
- Packaging Best Practices
- Silent Installations
- Deployment Configuration

Module 11: Application Assignment and Deployment

- User vs Device Assignments
- Required vs Available Deployments
- Assignment Filters
- Deployment Monitoring

Module 12: Detection Rules and Requirement Rules

- File Detection Rules
- Registry Detection Rules
- MSI Detection Rules
- Requirement Rules
- Troubleshooting Deployment Issues

Module 13: Mobile Application Management (MAM)

- App Protection Policies
- Managed Applications
- BYOD Scenarios
- Data Protection Controls
- Application Protection without Enrollment

Hands-On Labs

- Package and Deploy Win32 Apps

- Configure Detection Rules
- Configure Requirement Rules
- Configure App Protection Policies

Day 4: Device Updates, Analytics and Co-Management

Module 14: Windows Update for Business

- Windows Update Rings
- Feature Updates
- Quality Updates
- Expedited Updates
- Patch Management Strategy

Module 15: Endpoint Analytics

- Endpoint Analytics Overview
- Startup Performance
- Application Reliability
- Device Performance Metrics
- User Experience Insights

Module 16: Co-Management Fundamentals

- SCCM and Intune Integration
- Co-Management Architecture
- Workload Management
- Workload Switching
- Co-Management Limitations

Module 17: SCCM vs Intune Application Deployment

- When to Use SCCM
- When to Use Intune
- Hybrid Management Scenarios
- Migration Considerations

Hands-On Labs

- Configure Update Rings
- Review Endpoint Analytics Reports

- Analyze Co-Management Scenarios
- Evaluate Workload Switching

Day 5: Device Lifecycle Management, Monitoring and Troubleshooting

Module 18: Windows Autopilot

- Windows Autopilot Overview
- Deployment Profiles
- User-Driven Deployment
- Pre-Provisioning
- Self-Deploying Mode
- Enrollment Status Page (ESP)

Module 19: Device Lifecycle Management

- Device Retirement
- Device Wipe
- Fresh Start
- Autopilot Reset
- Device Decommissioning Best Practices

Module 20: Remote Device Actions

- Remote Sync
- Restart Devices
- Quick Scan
- Full Scan
- Remote Lock
- Passcode Reset
- Device Actions and Monitoring

Module 21: Monitoring and Troubleshooting

- Intune Monitoring Dashboard
- Application Deployment Monitoring
- Intune Management Extension
- Deployment Logs
- Detection Rule Troubleshooting

- Requirement Rule Troubleshooting
- Deployment Failure Analysis

Module 22: Co-Management Troubleshooting

- Policy Conflict Analysis
- Workload Conflict Analysis
- Enrollment Issues
- Synchronization Issues
- Deployment Failures