# MD-101: Managing Modern Desktops

## Course Duration: 40 Hours (5 Days)

## Overview

The MD-101: Managing Modern Desktops course is a comprehensive training program designed for IT professionals who aim to enhance their skills in Deploying, Configuring, Securing, managing, and Monitoring devices and Client applications in an enterprise environment. This desktop support engineer course is ideal for those looking to become proficient in managing modern desktops and covers a wide array of topics from Deployment strategies to managing security and updates. Through this course, learners will explore various aspects of modern management, including Windows as a service, Device enrolment, User and device profiles, and Application management. The desktop support technician training also delves into managing authentication, Device policies, and Compliance. Engaging lessons paired with practical labs ensure that participants gain hands-on experience, equipping them with the knowledge needed to efficiently support and manage modern desktop environments.

## Audience Profile

The MD-101: Managing Modern Desktops course is tailored for IT professionals responsible for managing and deploying Windows 10 environments.

- IT Administrators and Architects
- Systems Managers
- Desktop Support Technicians
- Network Administrators
- Microsoft 365 Managed Service Providers
- Endpoint Security Administrators
- IT Professionals seeking certification in Microsoft 365 Modern Desktop Administration
- Enterprise Desktop Administrators
- Windows 10 Deployment Specialists
- Cloud Solutions Architects focusing on Microsoft 365 platforms
- Professionals working with enterprise mobility and security solutions
- Consultants providing strategic guidance for Windows 10 management and deployment

## Course Syllabus

### Learning Path 1: Explore modern management

- **Module 1:** Examine the enterprise desktop
- **Module 2:** Explore Azure Active Directory

- **Module 3:** Manage identities in Azure Active Directory

## Learning Path 2: Implement device Enrolment

- **Module 1:** Manage device authentication
- **Module 2:** Enrol devices using Microsoft Endpoint Configuration Manager
- **Module 3:** Enrol devices using Microsoft Intune

## Learning Path 3: Configure user and device profiles

- **Module 1**: Implement device profiles
- **Module 2:** Monitor device profiles
- **Module 3**: Manage user profiles

## Learning Path 4: Explore application management

- **Module 1**: Implement mobile application management
- **Module 2**: Deploy and update applications
- **Module 3:** Administer applications

## Learning Path 5: Manage authentication and compliance

- **Module 1**: Protect identities in Azure AD
- **Module 2:** Enable organizational access
- **Module 3:** Implement device compliance policies
- **Module 4:** Generate inventory and compliance reports

## Learning Path 6: Manage Windows client security

- **Module 1:** Implement device data protection
- **Module 2:** Manage Microsoft Defender for Endpoint
- **Module 3:** Manage Microsoft Defender in Windows client

## Learning Path 7: Deploy using on-premises based tools

- **Module 1:** Assess deployment readiness
- **Module 2:** Deploy using the Microsoft Deployment Toolkit
- **Module 3:** Deploy using Endpoint Configuration Manage

## Learning Path 8: Deploy using cloud-based tools

- **Module 1:** Deploy new devices
- **Module 2:** Implement dynamic deployment methods
- **Module 3:** Plan a transition to modern management
- **Module 4:** Managing Virtual Desktops

# Learning Path 9: Manage updates and use analytics

- **Module 1:** Update Windows client
- **Module 2:** Update clients using Windows Update for Business
- **Module 3:** Explore Desktop Analytics
- **Module 4:** Explore Endpoint Analytics