

Exam MD-101: Managing Modern Desktops – Skills Measured

Deploy and update operating systems (35-40%)

Plan and implement Windows 10 by using dynamic deployment

- evaluate and select an appropriate deployment options
- pilot deployment
- manage and troubleshoot provisioning packages

Plan and implement Windows 10 by using Windows Autopilot

- evaluate and select an appropriate deployment options
- pilot deployment
- create, validate, and assign deployment profile
- extract device HW information to CSV file
- import device HW information to cloud service
- troubleshoot deployment

Upgrade devices to Windows 10

- identify upgrade and downgrade paths
- manage in-place upgrades
- configure a Windows analytics environment
- perform Upgrade Readiness assessment
- migrate user profiles

Manage updates

- configure Windows 10 delivery optimization
- configure Windows Update for Business
- deploy Windows updates
- implement feature updates
- monitor Windows 10 updates

Manage device authentication

- manage authentication policies
- manage sign-on options
- perform Azure AD join

Manage policies and profiles (25-30%)

Plan and implement co-management

- implement co-management precedence
- migrate group policy to MDM policies
- recommend a co-management strategy

Implement conditional access and compliance policies for devices

- implement conditional access policies
- manage conditional access policies
- plan conditional access policies
- implement device compliance policies
- manage device compliance policies
- plan device compliance policies

Configure device profiles

- implement device profiles
- manage device profiles
- plan device profiles

Manage user profiles

- configure user profiles
- configure Enterprise State Roaming in Azure AD
- configure sync settings
- implement Folder Redirection, including OneDrive

Manage and protect devices (20-25%)

Manage Windows Defender

- implement and manage Windows Defender Application Guard
- implement and manage Windows Defender Credential Guard
- implement and manage Windows Defender Exploit Guard
- implement Microsoft Defender Advanced Threat Protection
- integrate Windows Defender Application Control
- manage Windows Defender Antivirus

Manage Intune device enrollment and inventory

- configure enrollment settings

- configure Intune automatic enrollment
- enable device enrollment
- enroll non-Windows devices
- enroll Windows devices
- generate custom device inventory reports' Review device inventory

Monitor devices

- monitor device health (e.g., log analytics, Windows Analytics, or other cloud-based tools, etc.)
- monitor device security

Manage apps and data (10-15%)

Deploy and update applications

- assign apps to groups
- deploy apps by using Intune
- deploy apps by using Microsoft Store for Business
- deploy O365 ProPlus
- enable sideloading of apps into images
- gather Office readiness data
- configure and implement kiosk (assigned access) or public devices

Implement Mobile Application Management (MAM)

- implement MAM policies
- manage MAM policies
- plan MAM
- configure Windows Information Protection
- implement Azure Information Protection templates
- securing data by using Intune