

Exam MD-100: Windows Client – Skills Measured

This exam was updated on December 3, 2021. Following the current exam guide, we have included a version of the exam guide with Track Changes set to “On,” showing the changes that were made to the exam on that date.

NOTE: Passing score: 700. Learn more about exam scores [here](#).

Audience Profile

Candidates for this exam are administrators who deploy, configure, secure, manage, and monitor devices and client applications in an enterprise environment. Candidates manage identity, access, policies, updates, and apps.

As an administrator, candidates typically collaborate with the Microsoft 365 enterprise administrator to design and implement a device strategy that meets the business needs of a modern organization.

Candidates must be familiar with Microsoft 365 workloads and must be proficient and experienced in deploying, configuring, and maintaining Windows 10 and non-Windows devices and technologies.

Skills Measured

NOTE: The bullets that follow each of the skills measured are intended to illustrate how we assess that skill. This list is not definitive or exhaustive.

NOTE: Most questions cover features that are General Availability (GA). The exam may contain questions on Preview features, if those features are commonly used.

Deploy Windows (15-20%)

Install Windows 10

- perform a clean installation
- perform an in-place upgrade from a previous version of Windows
- use Windows Deployment Services (WDS) to deploy Windows 10
- customize a Windows 10 installation using tools from the Windows ADK (Windows System Image Manager, Windows PE, Windows Configuration Designer)
- select the appropriate Windows edition

Perform post-installation configuration

- configure Microsoft Edge
- configure mobility settings
- customize the Windows desktop
- troubleshoot activation issues
- configure printers and external devices
- configure Windows 10 by using provisioning packages
- configure Microsoft Store settings
- configure Windows 10 built-in application settings
- configure and manage services

Manage devices and data (25-30%)

Manage users, groups, and devices

- manage local groups
- manage local users
- manage users, groups, and devices in Active Directory Domain Services
- manage users, groups, and devices in Azure Active Directory
- configure sign-in options
- add additional work or school accounts to Windows 10
- configure and manage Bluetooth settings for devices

Configure devices by using local policies

- implement local policy
- troubleshoot group policies on devices
- configure Windows 10 settings by using group policy

Manage Windows security

- configure user account control (UAC)
- configure Microsoft Defender Firewall
- implement device encryption
- configure Microsoft Defender Antivirus
- manage device security using core isolation, secure boot, and TPM

Configure storage and connectivity (15-20%)

Configure networking

- configure client IP settings
- configure mobile networking
- troubleshoot networking

Configure data access and protection

- configure NTFS permissions
- configure shared permissions
- configure local storage
- manage and optimize storage
- configure file and folder permissions
- configure OneDrive/OneDrive for Business

Maintain Windows (30-35%)

Configure system and data recovery

- perform file recovery
- recover Windows 10
- troubleshoot startup/boot process
- create and manage system restore points

Manage updates

- troubleshoot updates
- select and configure the appropriate servicing channel for feature updates
- configure Windows update options
- plan for types of Windows updates including feature updates, quality updates, servicing stack updates, driver updates, and Microsoft product updates
- configure updates by using Windows Update for Business

Monitor and manage Windows

- configure and analyze event logs
- manage performance
- manage Windows 10 environment
- configure local registry
- schedule tasks

Configure remote connectivity

- manage Windows 10 remotely by using Windows Admin Center
- configure remote assistance tools including Remote Assist and Quick Assist
- manage Windows remotely by using Windows Remote Management and PS remoting
- configure remote desktop access

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- use Windows Deployment Services (WDS) to deploy Windows 10
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