

Objective Domain

Exam 70-398: Planning for and Managing Devices in the Enterprise

Exam number: 70-398

Exam title: Planning for and Managing Devices in the Enterprise

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Language(s) this exam will be available in: ENU

Audience (IT professionals, Developers, Information workers, etc.): IT Professionals

Who should take this exam:

This exam validates candidates' knowledge of and skills in planning and designing cloud and hybrid identities and supporting identity infrastructure for managing devices. Candidates must be able to perform the following:

- Plan and design policies to protect content using Data Loss Protection (DLP) and for managing and securing mobile devices.
- Plan for and design a platform that provides applications to devices using virtualization with Hyper-V and perform application management using the Company Portal or the Windows Store. Demonstrate their skills around device designing and implementing device management, security, and integrated Microsoft Azure features.

Candidates who take this exam should already have the following technical experience and knowledge:

- Experience with desktop/devices administration, maintenance, and troubleshooting
- Experience and knowledge of Windows networking technologies
- Knowledge of Active Directory and Microsoft Intune

Candidates can take this exam and meet the prerequisites by obtaining equivalent knowledge and skills through practical experience as a Device Support Technician or a Device System Administrator.

Training options: TBD

Technology: Windows 10, Microsoft Intune, Microsoft Azure Active Directory, Enterprise Mobility Suite

Credit type (example: MCSE): Specialist

Exam provider: VUE

Skills measured

This exam measures your ability to accomplish the technical tasks listed below. The percentages indicate the relative weight of each major topic area on the exam. The higher the percentage, the more questions you are likely to see on that content area on the exam.

Please note that the questions may test on, but will not be limited to, the topics described in the bulleted text.

Design for Cloud/Hybrid Identity (15-20%)

1.1. Plan for Azure Active Directory (AD) identities.

Design Azure AD identities; Active Directory integration; Azure Multi-Factor Authentication; user self-service from the Azure Access Panel; Azure AD reporting; company branding; design Azure AD Premium features such as Cloud App discovery, group-based application access, self-service group management, advanced security reporting, and password reset with write-back

1.2. Design for Active Directory synchronization with Azure AD Connect.

Design single sign-on, Active Directory Integration scenarios, and Active Directory synchronization tools; plan for Azure AD Synchronization Services; design for Connect Health

Design for Device Access and Protection (15-20%)

2.1. Plan for device enrollment.

Design Device Inventory, Mobile Device Management authority, device management prerequisites, and device enrollment profiles

2.2. Plan for the Company Portal.

Customize the Company Portal and company terms and conditions; design configuration policies, compliance policies, conditional access policies, Exchange ActiveSync policies, and policy conflicts

2.3. Plan protection for data on devices.

Design for protection of data in email and Microsoft SharePoint when accessing them from mobile devices; design for protection of data of applications by using encryption; design for full and selective wipes

Design for Data Access and Protection (15-20%)

3.1. Plan shared resources.

Design for file and disk encryption and BitLocker encryption; design for the Network Unlock feature; configure BitLocker policies; design for the Encrypting File System (EFS) recovery agent; manage EFS and BitLocker certificates including backup and restore

3.2. Plan advanced audit policies.

Design for auditing using Group Policy and AuditPol.exe; create expression-based audit policies; design for removable device audit policies

3.3. Plan for file and folder access.

Design for Windows Server Dynamic Access Control, Web Application Proxy, and Azure Rights Management service(RMS)

Design for Remote Access (15-20%)

4.1. Plan for remote connectivity.

Design remote authentication; configure Remote Desktop settings; design VPN connections and authentication; enable VPN reconnect; configure broadband tethering

4.2. Plan for mobility options.

Design for offline file policies, power policies, Windows to Go, sync options, and Wi-Fi direct

Plan for Apps (~~15~~10-20~~15~~%)

5.1. Manage RemoteApp.

Design RemoteApp and Desktop Connections settings; configure Group Policy Objects (GPOs) for signed packages; support iOS and Android

5.2. Plan app support and compatibility.

Design for desktop app compatibility using Application Compatibility Toolkit (ACT) including shims and compatibility database; design desktop application co-existence using Hyper-V and App-V; install and configure User Experience Virtualization (UE-V); plan for desktop apps using Microsoft Intune

Plan Updates and Recovery (15-20%)

6.1. Plan for system recovery.

Design for the recovery drive, system restore, refresh or recycle, driver rollback, and restore points

6.2. Plan file recovery.

Design for previous versions of files and folders; design File History; recover files from OneDrive

6.3. Plan device updates.

Design update settings and Windows Update policies; manage update history; roll back updates; design for Windows Store apps updates