# IT认证电子书

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**Exam** : **MD-102**

**Title** : Endpoint Administrator

**Version** : DEMO

1. Testlet 1

**Case study**

**Overview**

Contoso, Ltd. is a consulting company that has a main office in Montreal and two branch offices in Seattle and New York.

Contoso has the users and computers shown in the following table.

| Location | Users | Laptops | Desktop computers | Mobile devices |
|---|---|---|---|---|
| Montreal | 2,500 | 2,800 | 300 | 3,100 |
| Seattle | 1,000 | 1,100 | 200 | 1,500 |
| New York | 300 | 320 | 30 | 400 |

The company has IT, human resources (HR), legal (LEG), marketing (MKG), and finance (FIN) departments.

Contoso recently purchased a Microsoft 365 subscription.

The company is opening a new branch office in Phoenix. Most of the users in the Phoenix office will work from home.

**Existing Environment**

The network contains an Active Directory domain named contoso.com that is synced to Azure AD.

All member servers run Windows Server 2016. All laptops and desktop computers run Windows 10 Enterprise.

The computers are managed by using Microsoft Configuration Manager. The mobile devices are managed by using Microsoft Intune.

The naming convention for the computers is the department acronym, followed by a hyphen, and then four numbers, for example FIN-6785. All the computers are joined to the on-premises Active Directory domain.

Each department has an organizational unit (OU) that contains a child OU named Computers. Each computer account is in the Computers OU of its respective department.

**Intune Configuration**

The domain has the users shown in the following table.

| Name | Role | Member of |
|---|---|---|
| User1 | Intune administrator | GroupA |
| User2 | *None* | GroupB |

User2 is a device enrollment manager (DEM) in Intune.
The devices enrolled in Intune are shown in the following table.

| Name | Platform | Encryption | Member of |
|---|---|---|---|
| Device1 | Android | Disabled | Group1 |
| Device2 | iOS | Not applicable | Group2, Group3 |
| Device3 | Android | Disabled | Group2, Group3 |
| Device4 | iOS | Not applicable | Group2 |

The device compliance policies in Intune are configured as shown in the following table.

| Name | Platform | Require encryption | Assigned |
|---|---|---|---|
| Policy1 | Android | Not configured | Yes |
| Policy2 | iOS | Not applicable | Yes |
| Policy3 | Android | Require | Yes |

The device compliance policies have the assignments shown in the following table:

| Name | Include | Exclude |
|---|---|---|
| Policy1 | Group3 | *None* |
| Policy2 | Group2 | Group3 |
| Policy3 | Group1 | *None* |

The device limit restrictions in Intune are configured as shown in the following table.

| Priority | Name | Device limit | Assigned to |
|---|---|---|---|
| 1 | Restriction1 | 15 | GroupB |
| 2 | Restriction2 | 10 | GroupA |
| Default | All users | 5 | All users |

**Requirements**

**Planned changes**

Contoso plans to implement the following changes:

- Provide new computers to the Phoenix office users. The new computers have Windows 10 Pro preinstalled and were purchased already.
- Implement co-management for the computers.

**Technical Requirements**

Contoso must meet the following technical requirements:

- Ensure that the users in a group named Group4 can only access Microsoft Exchange Online from devices that are enrolled in Intune.
- Deploy Windows 10 Enterprise to the computers of the Phoenix office users by using Windows Autopilot.
- Create a provisioning package for new computers in the HR department.
- Block iOS devices from sending diagnostic and usage telemetry data.
- Use the principle of least privilege whenever possible.
- Enable the users in the MKG department to use App1.
- Pilot co-management for the IT department.

You need to prepare for the deployment of the Phoenix office computers.
What should you do first?
A. Generalize the computers and configure the Device settings from the Microsoft Entra admin center.
B. Extract the serial number of each computer to an XML file and upload the file from the Microsoft Intune admin center.
C. Extract the hardware ID information of each computer to a CSV file and upload the file from the Microsoft Intune admin center.
D. Generalize the computers and configure the Mobility (MDM and MAM) settings from the Microsoft Entra admin center.
E. Extract the serial number information of each computer to a CSV file and upload the file from the Microsoft Intune admin center.
**Answer:** C
**Explanation:**
To manage devices through Microsoft Store for Business and Education, you'll need a .csv file that contains specific information about the devices. You should be able to get this from your Microsoft account contact, or the store where you purchased the devices. Upload the .csv file to Microsoft Store to add the devices.
Note:
Provide new computers to the Phoenix office users. The new computers have Windows 10 Pro preinstalled and were purchased already.
Deploy Windows 10 Enterprise to the computers of the Phoenix office users by using Windows Autopilot.
Reference: https://docs.microsoft.com/en-us/microsoft-store/add-profile-to-devices

2.HOTSPOT
What is the maximum number of devices that User1 and User2 can enroll in Intune? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

## Answer Area

User1 can enroll a maximum of:

- 5 devices
- 10 devices
- 15 devices
- 1,000 devices
- An unlimited number of devices

User2 can enroll a maximum of:

- 5 devices
- 10 devices
- 15 devices
- 1,000 devices
- An unlimited number of devices

**Answer:**

## Answer Area

User1 can enroll a maximum of:

- 5 devices
- 10 devices
- 15 devices
- 1,000 devices
- An unlimited number of devices

User2 can enroll a maximum of:

- 5 devices
- 10 devices
- 15 devices
- 1,000 devices
- An unlimited number of devices

**Explanation:**

Box 1: 10 devices

User1 is a member of GroupA. GroupA device limit is 10.

Box 2: 15 devices

User2 is a member of GroupB. GroupB device limit is 15.

Deploy Windows client

3. Testlet 2

**Case study**

**Overview**

ADatum Corporation is a consulting company that has a main office in Montreal and branch offices in Seattle and New York.

ADatum has a Microsoft 365 E5 subscription.

**Environment**

**Network Environment**

The network contains an on-premises Active Directory domain named adatum.com.

The domain contains the servers shown in the following table.

| Name | Operating system | Role |
|---|---|---|
| DC1 | Windows Server 2019 | Domain controller |
| Server1 | Windows Server 2016 | Member server |
| Server2 | Windows Server 2019 | Member server |

ADatum has a hybrid Azure AD tenant named adatum.com.

**Users and Groups**

The adatum.com tenant contains the users shown in the following table.

| Name | Azure AD role | Member of |
|---|---|---|
| User1 | Cloud Device Administrator | GroupA |
| User2 | Azure AD Joined Device Local Administrator | GroupB |
| User3 | Global Reader | GroupA, GroupB |
| User4 | Global Administrator | Group1 |

All users are assigned a Microsoft Office 365 license and an Enterprise Mobility + Security E3 license.

Enterprise State Roaming is enabled for Group1 and GroupA.

Group1 and Group2 have a Membership type of Assigned.

**Devices**

ADatum has the Windows 10 devices shown in the following table.

| Name | Type | Member of | Scope (Tags) |
|---|---|---|---|
| Device1 | Corporate-owned | Group1 | Default |
| Device2 | Corporate-owned | Group1, Group2 | Tag2 |
| Device3 | Personally-owned | Group1 | Tag1 |
| Device4 | Personally-owned | Group2 | Tag2 |
| Device5 | Corporate-owned | Group3 | Default |

The Windows 10 devices are joined to Azure AD and enrolled in Microsoft Intune.

The Windows 10 devices are configured as shown in the following table.

| Name | BitLocker Drive Encryption (BitLocker) | Secure Boot | VPN connection |
|---|---|---|---|
| Device1 | Yes | No | VPN1 |
| Device2 | Yes | Yes | VPN1, VPN3 |
| Device3 | No | No | VPN3 |
| Device4 | No | Yes | *None* |
| Device5 | Yes | No | *None* |

All the Azure AD joined devices have an executable file named C:\AppA.exe and a folder named D:\Folder1.

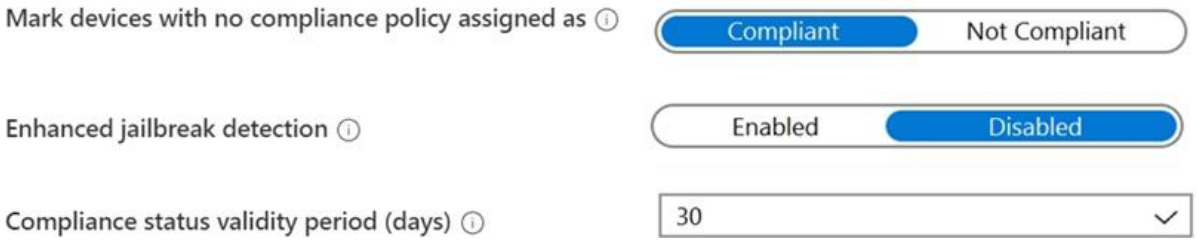
Microsoft Intune Configuration

Microsoft Intune has the compliance policies shown in the following table.

| Name | Configuration | Assignment |
|---|---|---|
| Policy1 | Require BitLocker only | Group1 |
| Policy2 | Require Secure Boot only | Group1 |
| Policy3 | Require BitLocker and Secure Boot | Group2 |

**The Compliance policy settings are shown in the following exhibit.**

These settings configure the way the compliance service treats devices. Each device evaluates these as a "Built-in Device Compliance Policy", which is reflected in device monitoring.




The Automatic Enrolment settings have the following configurations:

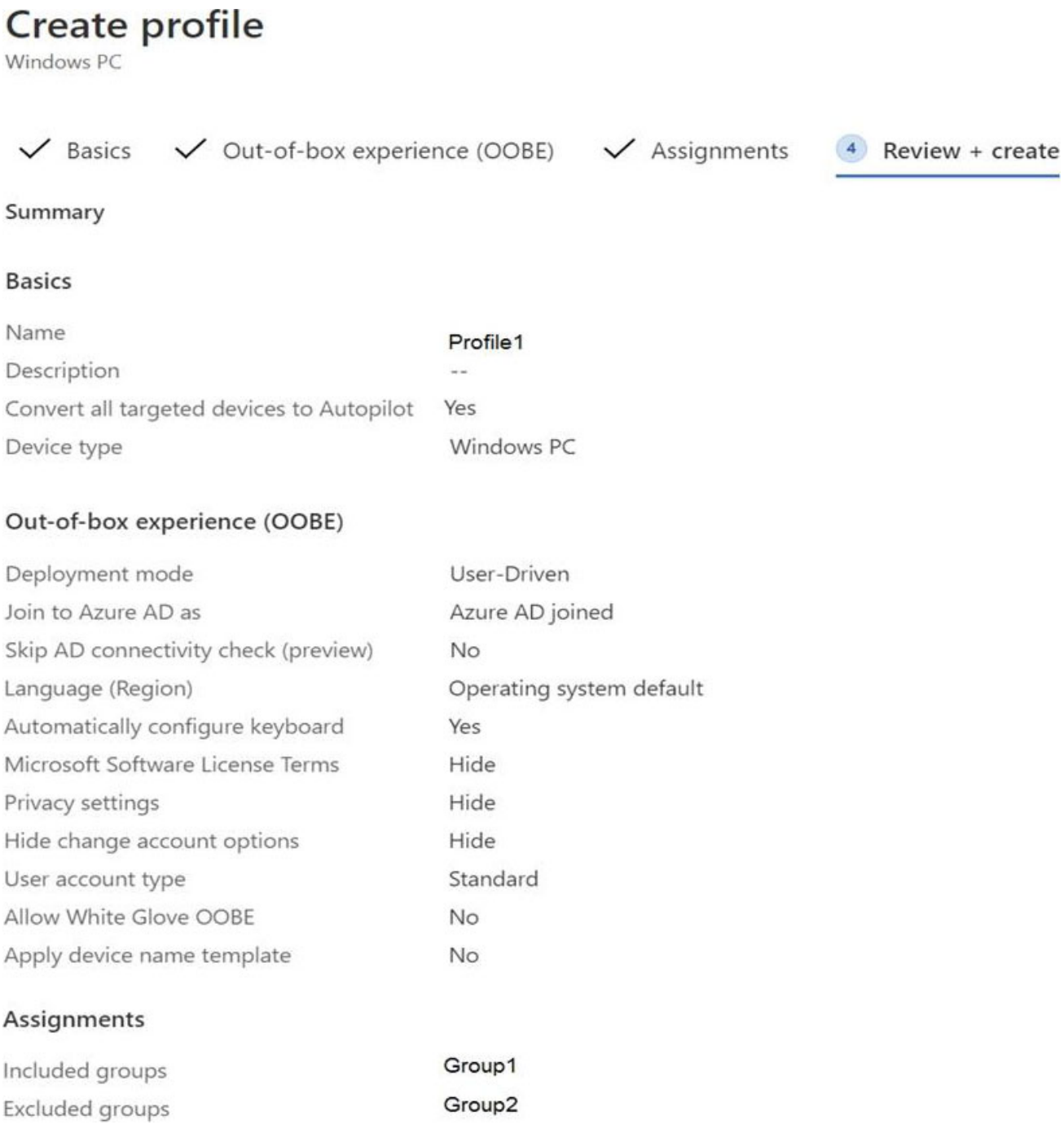
- MDM user scope GroupA
- MAM user scope: GroupB

You have an Endpoint protection configuration profile that has the following Controlled folder access settings:

- Name: Protection1
- Folder protection: Enable
- List of apps that have access to protected folders: CV\AppA.exe
- List of additional folders that need to be protected: D:\Folderi1
- Assignments - Included groups: Group2, GroupB

**Windows Autopilot Configuration**

ADatum has a Windows Autopilot deployment profile configured as shown in the following exhibit.




Currently, there are no devices deployed by using Windows Autopilot.
The Intune connector for Active Directory is installed on Server1.

Contoso plans to implement the following changes:
• Purchase a new Windows 10 device named Device6 and enroll the device in Intune.
• New computers will be deployed by using Windows Autopilot and will be hybrid Azure AO joined.
• Deploy a network boundary configuration profile that will have the following settings:
  - Name Boundary 1
  - Network boundary 192.168.1.0/24
  - Scope tags: Tag 1
  - Assignments;

* included groups: Group 1. Group2

• Deploy two VPN configuration profiles named Connection! and Connection that will have the following settings:

- Name: Connection 1
- Connection name: VPNI
- Connection type: L2TP
- Assignments:
  * Included groups: Group1. Group2, GroupA
  * Excluded groups: —
- Name: Connection
- Connection name: VPN2
- Connection type: IKEv2 i Assignments:
- included groups: GroupA
- Excluded groups: GroupB

**Technical Requirements**

Contoso must meet the following technical requirements:

• Users in GroupA must be able to deploy new computers.

• Administrative effort must be minimized.

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

## Answer Area

| Statements | Yes | No |
|---|---|---|
| If User1 joins a Windows 10 device to Azure AD, the device will be enrolled in Intune automatically. | ○ | ○ |
| If User2 joins a Windows 10 device to Azure AD, the device will be enrolled in Intune automatically. | ○ | ○ |
| If User3 joins a Windows 10 device to Azure AD, the device will be enrolled in Intune automatically. | ○ | ○ |

**Answer:**

# Answer Area

| Statements | Yes | No |
|---|---|---|
| If User1 joins a Windows 10 device to Azure AD, the device will be enrolled in Intune automatically. | ○ | ○ |
| If User2 joins a Windows 10 device to Azure AD, the device will be enrolled in Intune automatically. | ○ | ○ |
| If User3 joins a Windows 10 device to Azure AD, the device will be enrolled in Intune automatically. | ○ | ○ |

**Explanation:**

Box 1: No

User1 is a Cloud device administrator.

Local administrative privileges are required when enrolling an already configured Windows 10 device in Intune.

Cloud Device Administrator

Users in this role can enable, disable, and delete devices in Azure AD and read Windows 10 BitLocker keys (if present) in the Azure portal. The role does not grant permissions to manage any other properties on the device.

Note: The Windows 10 devices are joined to Azure AD and enrolled in Microsoft Intune.

Box 2: Yes

User2 is an Azure AD joined device local administrator.

Azure AD Joined Device Local Administrator

This role is available for assignment only as an additional local administrator in Device settings. Users with this role become local machine administrators on all Windows 10 devices that are joined to Azure Active Directory. They do not have the ability to manage devices objects in Azure Active Directory.

Box 3: No

User3 is a Global reader.

Global Reader

Users in this role can read settings and administrative information across Microsoft 365 services but can't take management actions.

Reference: https://docs.microsoft.com/en-us/troubleshoot/mem/intune/no-permission-to-enroll-windows-devices

https://learn.microsoft.com/en-us/azure/active-directory/roles/permissions-reference

4.You need to ensure that computer objects can be created as part of the Windows Autopilot deployment.

The solution must meet the technical requirements.

To what should you grant the right to create the computer objects?

A. Server1

B. DC1
C. GroupA
D. Server2
**Answer:** A
**Explanation:**
Scenario:
The Intune connector for Active Directory is installed on Server1.
Contoso must meet the following technical requirements:
Users in GroupA must be able to deploy new computers.
Administrative effort must be minimized.
Note: To be clear, the entire domain join process will work without any direct connection to the on-premise network and domain controllers. The computer object is created on-premises through the Intune Connector for Active Directory triggered by the Windows Autopilot and Intune.
Reference: https://blog.matrixpost.net/set-up-windows-autopilot-production-environment-part-2/

5.Which user can enroll Device6 in Intune?
A. User4 and User1 only
B. User4 and User2 only
C. User4, User1, and User2 only
D. User1, User2, User3, and User4
**Answer:** D
**Explanation:**
All the users can enroll devices to Intune.
Deploy Windows client