



# MD-102<sup>Q&As</sup>

Endpoint Administrator

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**QUESTION 1**

**HOTSPOT**

You have an Azure AD tenant named contoso.com.

You have the devices shown in the following table.

Name	Platform
Device1	Windows 11
Device2	Windows 10
Device3	iOS
Device4	Ubuntu Linux

Which devices can be Azure AD joined, and which devices can be registered in contoso.com? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

Azure AD joined: 

	▼
Device1 only	
Device1 and Device2 only	
Device1 and Device3 only	
Device1, Device2, and Device3 only	
Device1, Device2, Device3, and Device4	

Registered in contoso.com: 

	▼
Device1 and Device2 only	
Device2 and Device3 only	
Device3 and Device4 only	
Device2, Device3, and Device4 only	
Device1, Device2, Device3, and Device4	

Correct Answer:



## Answer Area

Azure AD joined:

▼
Device1 only
Device1 and Device2 only
Device1 and Device3 only
Device1, Device2, and Device3 only
Device1, Device2, Device3, and Device4

Registered in contoso.com:

▼
Device1 and Device2 only
Device2 and Device3 only
Device3 and Device4 only
Device2, Device3, and Device4 only
Device1, Device2, Device3, and Device4

Azure AD join capable Devices: <https://learn.microsoft.com/en-us/azure/active-directory/devices/concept-directory-join>

Azure AD registered Devices: <https://learn.microsoft.com/en-us/azure/active-directory/devices/concept-device-registration>

### QUESTION 2

#### HOTSPOT

You have a Microsoft 365 subscription that uses Microsoft Intune.

You plan to manage Windows updates by using Intune.

You create an update ring for Windows 10 and later and configure the User experience settings for the ring as shown in the following exhibit.



### User experience settings

Automatic update behavior ⓘ	Auto install at maintenance time
Active hours start * ⓘ	8 AM
Active hours end * ⓘ	5 PM
Restart checks ⓘ	<input checked="" type="radio"/> Allow <input type="radio"/> Skip
Option to pause Windows updates ⓘ	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Option to check for Windows updates ⓘ	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Change notification update level ⓘ	Use the default Windows Update notifications
Use deadline settings ⓘ	<input checked="" type="radio"/> Allow <input type="radio"/> Not configured
Deadline for feature updates ⓘ	5 ✓
Deadline for quality updates ⓘ	2 ✓
Grace period ⓘ	1 ✓
Auto reboot before deadline ⓘ	<input type="radio"/> Yes <input checked="" type="radio"/> No

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic. NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

Automatic restarts are blocked  
**[answer choice]**.

	▼
before 8 AM	
between 8 AM and 5 PM	
after 5 PM	

A restart will be forced on a device  
**[answer choice]** after the deadline.

	▼
1 day	
2 days	
5 days	

Correct Answer:



## Answer Area

Automatic restarts are blocked  
**[answer choice]**.

	▼
before 8 AM	
between 8 AM and 5 PM	
after 5 PM	

A restart will be forced on a device  
**[answer choice]** after the deadline.

	▼
1 day	
2 days	
5 days	

### QUESTION 3

#### HOTSPOT

You have a Microsoft 365 tenant that uses Microsoft Intune and contains the devices shown in the following table.

Name	Platform
Device1	Windows 10
Device2	macOS

In Microsoft Intune Endpoint security, you need to configure a disk encryption policy for each device.

Which encryption type should you use for each device, and which role-based access control (RBAC) role in Intune should you use to manage the encryption keys? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



## Answer Area

Device1: 

	▼
FileVault	
Cryptsetup	
Encrypting File System (EFS)	
BitLocker Drive Encryption (BitLocker)	

Device2: 

	▼
FileVault	
Cryptsetup	
Encrypting File System (EFS)	
BitLocker Drive Encryption (BitLocker)	

RBAC role: 

	▼
Help Desk Operator	
Application Manager	
Intune Role Administrator	
Policy and Profile Manager	

Correct Answer:



### Answer Area

Device1: 

	▼
FileVault	
Cryptsetup	
Encrypting File System (EFS)	
BitLocker Drive Encryption (BitLocker)	

Device2: 

	▼
FileVault	
Cryptsetup	
Encrypting File System (EFS)	
BitLocker Drive Encryption (BitLocker)	

RBAC role: 

	▼
Help Desk Operator	
Application Manager	
Intune Role Administrator	
Policy and Profile Manager	

#### QUESTION 4

##### HOTSPOT

You have a Microsoft 365 tenant that uses Microsoft Intune.

From the Microsoft Intune admin center, you plan to create a baseline to monitor the Startup score and the App reliability score of enrolled Windows 10 devices.

You need to identify which tool to use to create the baseline and the minimum number of devices required to create the baseline.

What should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



### Answer Area

Tool to use: 

	▼
Workloads	
Log Analytics	
Endpoint analytics	
Security baselines	

Minimum number of devices: 

	▼
1	
5	
10	
25	

Correct Answer:

### Answer Area

Tool to use: 

	▼
Workloads	
Log Analytics	
Endpoint analytics	
Security baselines	

Minimum number of devices: 

	▼
1	
5	
10	
25	

Box 1: Endpoint analytics

Endpoint analytics has the following three items are central to understanding each of the reports:

Scores

Baselines

Insights and recommendations

Box 2: 5



A status of insufficient data means you don't have enough devices reporting to provide a meaningful score. Currently, at least five devices are required.

Reference:

<https://docs.microsoft.com/en-us/mem/analytics/scores#understanding-scores>

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#### QUESTION 5

Which devices are registered by using the Windows Autopilot deployment service?

- A. Device1 only
- B. Device3 only
- C. Device1 and Device3 only
- D. Device1, Device2, and Device3

Correct Answer: A

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#### QUESTION 6

You have a Microsoft 365 subscription that contains a user named User1 and uses Microsoft Intune Suite.

You use Microsoft Intune to manage devices that run Windows 11.

User provides remote support for 75 devices in the marketing department.

You need to add User1 to the Remote Desktop Users group on each marketing department device.

What should you configure?

- A. an app configuration policy
- B. a device compliance policy
- C. an account protection policy
- D. a device configuration profile

Correct Answer: C

<https://learn.microsoft.com/en-us/mem/intune/protect/endpoint-security-account-protection-policy#manage-local-groups-on-windows-devices>

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#### QUESTION 7

HOTSPOT



Your company has computers that run Windows 10 and are Microsoft Azure Active Directory (Azure AD)-joined.

The company purchases an Azure subscription.

You need to collect Windows events from the Windows 10 computers in Azure. The solution must enable you to create alerts based on the collected events.

What should you create in Azure and what should you configure on the computers? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Resource to create in Azure:

	▼
An Azure event hub	
An Azure Log Analytics workspace	
An Azure SQL database	
An Azure Storage account	

Configuration to perform on the computers:

	▼
Configure the Event Collector service	
Create an event subscription	
Install the Microsoft Monitoring Agent	

Correct Answer:

Resource to create in Azure:

	▼
An Azure event hub	
An Azure Log Analytics workspace	
An Azure SQL database	
An Azure Storage account	

Configuration to perform on the computers:

	▼
Configure the Event Collector service	
Create an event subscription	
Install the Microsoft Monitoring Agent	

### QUESTION 8

You have a Microsoft 365 subscription that contains 1,000 Windows 11 devices enrolled in Microsoft Intune.

You plan to use Intune to deploy an application named App1 that contains multiple installation files.



What should you do first?

- A. Prepare the contents of App1 by using the Microsoft Win32 Content Prep Tool.
- B. Create an Android application package (APK).
- C. Upload the contents of App1 to Intune.
- D. Install the Microsoft Deployment Toolkit (MDT).

Correct Answer: A

B. An Android application package (APK) is used to deploy Android apps, not Win32 apps.

C. You cannot upload the contents of App1 to Intune until you have prepared the app content by using the Microsoft Win32 Content Prep Tool.

D. The Microsoft Deployment Toolkit (MDT) is used to deploy Windows operating systems and other software to computers, not to manage mobile devices.

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#### QUESTION 9

You are replacing 100 company-owned Windows devices.

You need to use the Microsoft Deployment Toolkit (MDT) to securely wipe and decommission the devices. The solution must meet the following requirements:

1.

Back up the user state.

2.

Minimize administrative effort.

Which task sequence template should you use?

- A. Standard Client Task Sequence
- B. Standard Client Replace Task Sequence
- C. Litetouch OEM Task Sequence
- D. Sysprep and Capture

Correct Answer: B

Standard Client Replace task sequence. Used to run User State Migration Tool (USMT) backup and the optional full Windows Imaging (WIM) backup action. Can also be used to do a secure wipe of a machine that is going to be decommissioned.

Reference: <https://docs.microsoft.com/en-us/windows/deployment/deploy-windows-mdt/get-started-with-the-microsoft-deployment-toolkit>

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### QUESTION 10

DRAG DROP

You have a Microsoft Deployment Toolkit (MDT) deployment share named DS1.

You import a Windows 11 image to DS1.

You have an executable installer for an application named App1.

You need to ensure that App1 will be installed for all the task sequences that deploy the image.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

#### Actions

#### Answer Area

Modify a Windows 11 operating system setting.

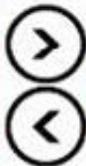
Modify a selection profile.

Add App1 to DS1.

Identify the GUID of App1.

Modify CustomSettings.ini.

1



2

3



Correct Answer:



## Actions

Modify a Windows 11 operating system setting.

Modify a selection profile.

## Answer Area

1 Add App1 to DS1.

2 Identify the GUID of App1.

3 Modify CustomSettings.ini.

Step 1: Add App1 to DS1

First add the application in the MDT console.

Step 2: Identify the GUID of App1.

Install an application when deploying Windows

Step 3: Modify CustomSettings.ini

It is possible in the CustomSettings.ini file, to check the default program to add the following line:

```
ApplicationsXXX ={GUID-APPLICATION}
```

or to force the installation of the application box checked and grayed out:

```
MandatoryApplicationsXXX ={GUID-APPLICATION}
```

XXX = numerical value from 000 to 999

Reference:

<https://rdr-it.com/en/mdt-installation-of-applications-when-deploying-windows/>

## QUESTION 11

You have an Azure subscription.

You have an on-premises Windows 11 device named Device1.



You plan to monitor Device1 by using Azure Monitor.

You create a data collection rule (DCR) named DCR1 in the subscription.

To what should you associate DCR1?

- A. Azure Network Watcher
- B. Device1
- C. a Log Analytics workspace
- D. a Monitored Object

Correct Answer: C

<https://learn.microsoft.com/en-us/azure/azure-monitor/essentials/data-collection-rule-overview#supported-regions>

## QUESTION 12

### HOTSPOT

You have an Azure AD tenant named contoso.com that contains the users shown in the following table.

Name	Role
Admin1@contoso.com	Security Administrator
Admin2@contoso.com	Cloud Device Administrator
User1@contoso.com	None

You have a computer named Computer1 that runs Windows 10. Computer1 is in a workgroup and has the local users shown in the following table.

Name	Member of
Administrator1	Network Configuration Operators
Administrator2	Power Users
UserA	Administrators

UserA joins Computer1 to Azure AD by using user1@contoso.com.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:



## Answer Area

Statements	Yes	No
User1@contoso.com is a member of the local Administrators group on Computer1.	<input type="radio"/>	<input type="radio"/>
Admin1@contoso.com can configure the firewall and Microsoft Defender on Computer1	<input type="radio"/>	<input type="radio"/>
Admin2@contoso.com can install software on Computer1.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

## Answer Area

Statements	Yes	No
User1@contoso.com is a member of the local Administrators group on Computer1.	<input checked="" type="radio"/>	<input type="radio"/>
Admin1@contoso.com can configure the firewall and Microsoft Defender on Computer1	<input type="radio"/>	<input checked="" type="radio"/>
Admin2@contoso.com can install software on Computer1.	<input type="radio"/>	<input checked="" type="radio"/>

### QUESTION 13

#### HOTSPOT

You have a Microsoft 365 subscription. The subscription contains 1,000 computers that run Windows 11 and are enrolled in Microsoft Intune.

You plan to create a compliance policy that has the following options enabled:

1.  
Require Secure Boot to be enabled on the device.
2.  
Require the device to be at or under the machine risk score.

Which two Compliance settings should you configure? To answer, select the appropriate settings in the answer area.



NOTE: Each correct selection is worth one point.

Hot Area:

### Answer Area

## Windows 10/11 compliance policy ...

Windows 10 and later

- ✓ Basics
- 2 Compliance settings**
- ③ Actions for noncompliance
- ④ Assignments
- ⑤ Review + create

- ∨ Custom Compliance
- ∨ Device Health
- ∨ Device Properties
- ∨ Configuration Manager Compliance
- ∨ System Security
- ∨ Microsoft Defender for Endpoint

Correct Answer:

### Answer Area

## Windows 10/11 compliance policy ...

Windows 10 and later

- ✓ Basics
- 2 Compliance settings**
- ③ Actions for noncompliance
- ④ Assignments
- ⑤ Review + create

- ∨ Custom Compliance
- ∨ **Device Health**
- ∨ Device Properties
- ∨ Configuration Manager Compliance
- ∨ System Security
- ∨ **Microsoft Defender for Endpoint**

Device health <https://learn.microsoft.com/en-us/mem/intune/enrollment/windows-enrollment-status> Microsoft Defender for Endpoint <https://learn.microsoft.com/en-us/mem/intune/protect/compliance-policy-create-windows#microsoft-defender-for-endpoint>



## QUESTION 14

### HOTSPOT

You have a Microsoft 365 subscription that contains two security groups named Group1 and Group2. Microsoft 365 uses Microsoft Intune Suite.

You use Microsoft Intune to manage devices.

You need to assign roles in Intune to meet the following requirements:

1.

The members of Group1 must manage Intune roles and assignments.

2.

The members of Group2 must assign existing apps and policies to users and devices.

The solution must follow the principle of least privilege.

Which role should you assign to each group? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

### Answer Area

Group1:	<input type="text"/>	▼
	Help Desk Operator	
	Intune Role Administrator	
	Intune Service Administrator	
	Policy and Profile Manager	
Group2:	<input type="text"/>	▼
	Help Desk Operator	
	Intune Role Administrator	
	Intune Service Administrator	
	Policy and Profile Manager	

Correct Answer:



## Answer Area

Group1: 

	▼
Help Desk Operator	
Intune Role Administrator	
Intune Service Administrator	
Policy and Profile Manager	

Group2: 

	▼
Help Desk Operator	
Intune Role Administrator	
Intune Service Administrator	
Policy and Profile Manager	

Box 1: Intune Service Administrator

The members of Group1 must manage Intune roles and assignments.

Role-based access control (RBAC) helps you manage who has access to your organization's resources and what they can do with those resources. By assigning roles to your Intune users, you can limit what they can see and change. Each role has a set of permissions that determine what users with that role can access and change within your organization.

To create, edit, or assign roles, your account must have one of the following permissions in Azure AD:

Global Administrator

Intune Service Administrator (also known as Intune Administrator)

Box 2: Help desk operator

The members of Group2 must assign existing apps and policies to users and devices.

Microsoft Intune built-in roles

Built-in roles use pre-defined rules based on common Intune scenarios. Alternatively, custom roles are built upon rules that are strictly defined by you.

Here are the built-in roles that you can assign:

Help desk operator

Assign the help desk operator role to users who assign apps and policies to users and devices.

Incorrect:

Policy and profile manager

Assign the policy and profile manager role to users manage compliance policy, configuration profiles and Apple enrollment.



Etc.

Reference:

<https://learn.microsoft.com/en-us/mem/intune/fundamentals/role-based-access-control>

<https://learn.microsoft.com/en-us/microsoft-365/business-premium/m365bp-intune-admin-roles-in-the-mac>

### QUESTION 15

#### HOTSPOT

You need to resolve the performance issues in the Los Angeles office.

How should you configure the update settings? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Change Delivery Optimization  
download mode to:**

<input type="checkbox"/>	Bypass mode
<input type="checkbox"/>	HTTP blended with internet peering
<input type="checkbox"/>	HTTP blended with peering behind same NAT
<input type="checkbox"/>	Simple download mode with no peering

**Update Active Hours Start to:**

<input type="checkbox"/>	10 AM
<input type="checkbox"/>	11 AM
<input type="checkbox"/>	10 PM
<input type="checkbox"/>	11 PM

**Update Active Hours End to:**

<input type="checkbox"/>	10 AM
<input type="checkbox"/>	11 AM
<input type="checkbox"/>	10 PM
<input type="checkbox"/>	11 PM

Correct Answer:



Change Delivery Optimization download mode to:

Bypass mode
<b>HTTP blended with internet peering</b>
HTTP blended with peering behind same NAT
Simple download mode with no peering

Update Active Hours Start to:

<b>10 AM</b>
11 AM
10 PM
11 PM

Update Active Hours End to:

10 AM
11 AM
<b>10 PM</b>
11 PM

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