



nIC Cloud
Connect

Oslo Spektrum
November 7 - 9



Simon Skotheimsvik

**Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them**



INTUNE

INTUNE



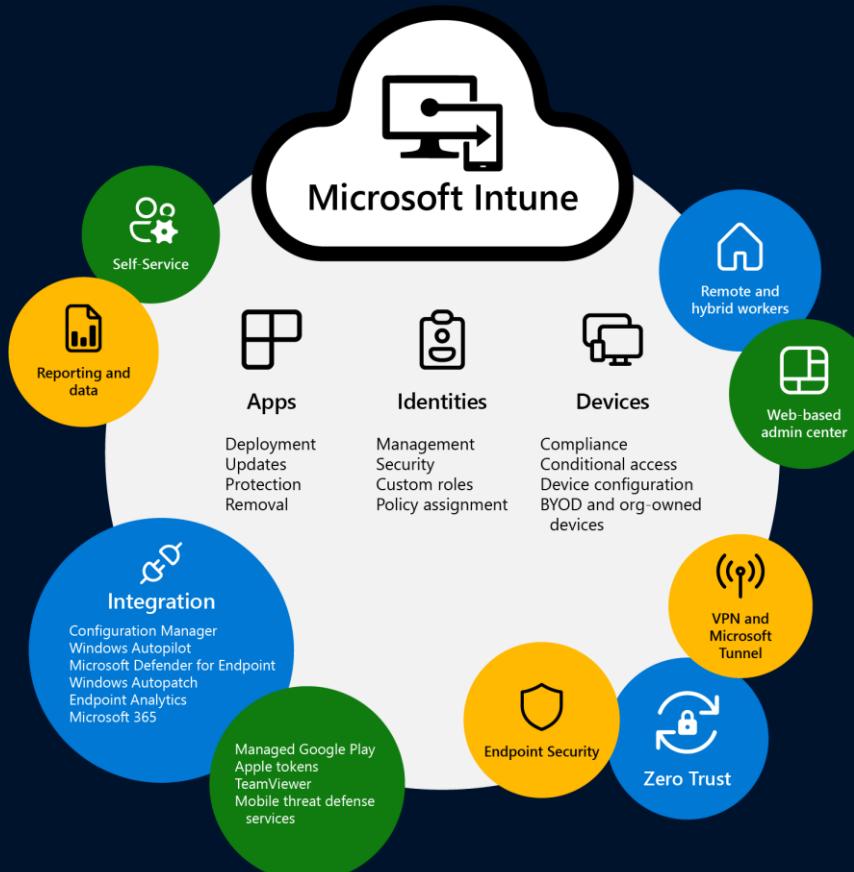
INTUNE



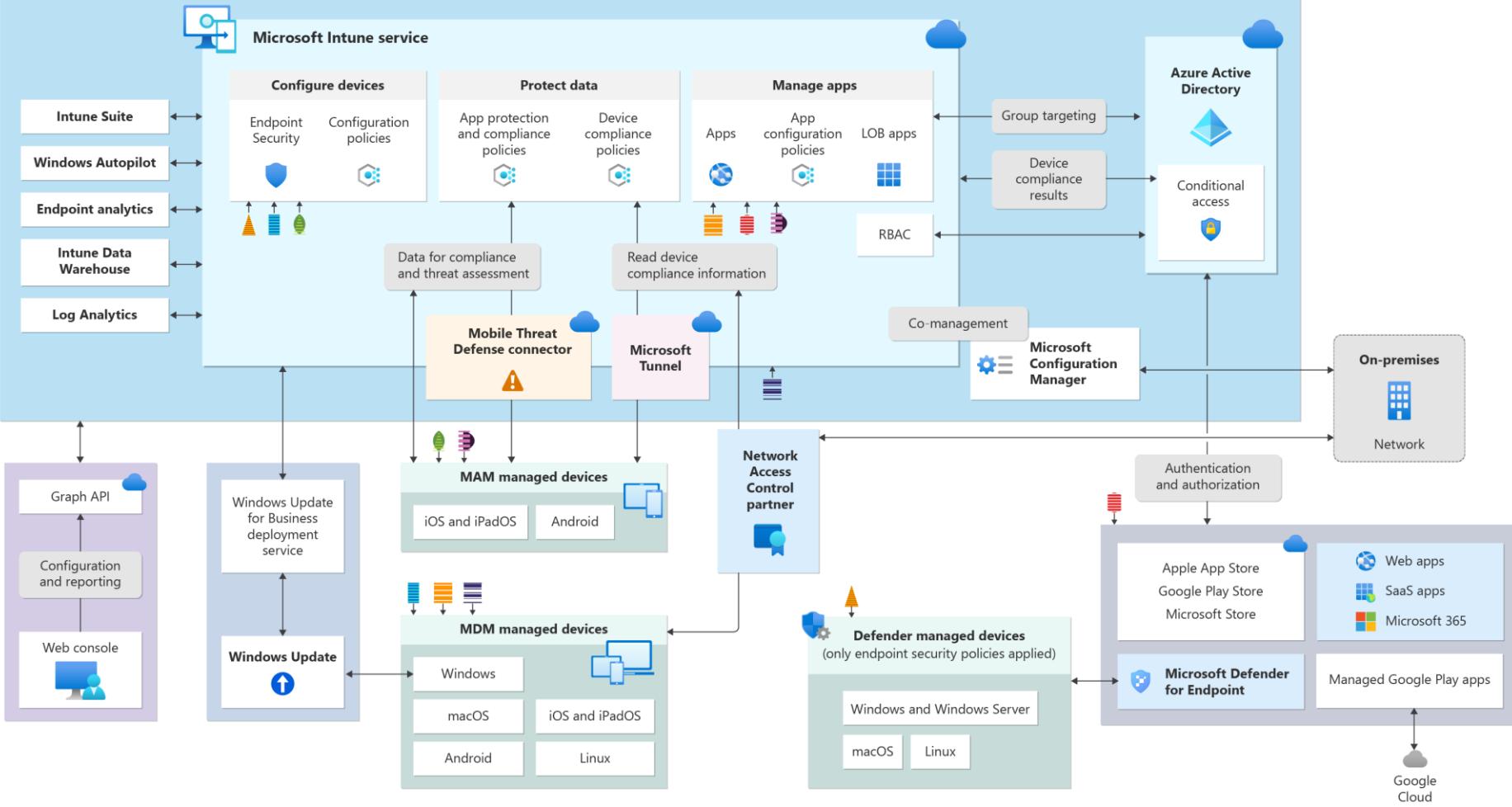
INTUNE



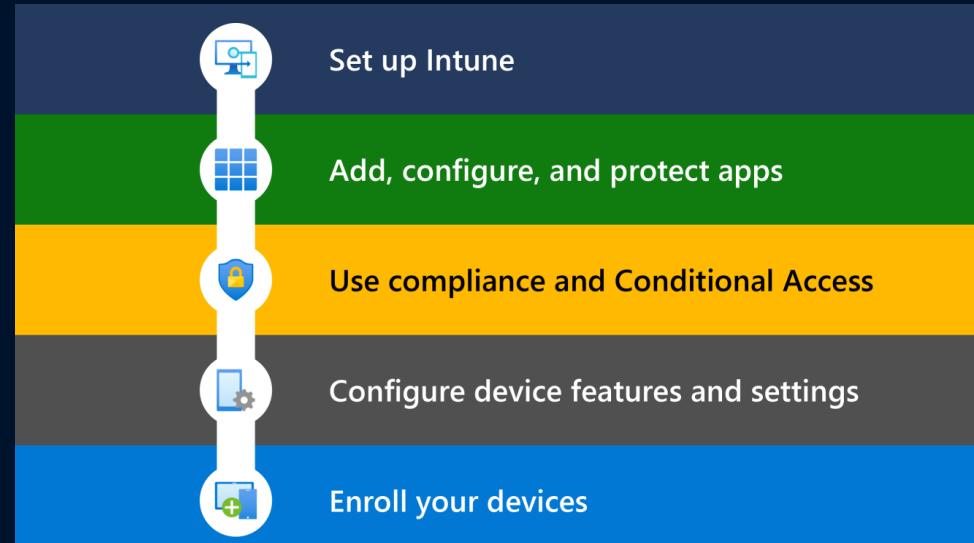
INTUNE



Microsoft Intune product family



INTUNE





SIMON SKOTHEIMSVIK

Senior Cloud Consultant



@SSkotheimsvik





Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions
- MDM authority
- Company portal

Add, configure, and protect apps

Use compliance and Conditional Access

Configure device features and settings

Enroll your devices



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10

Users and Groups

**Unmasking 10 Frequent Intune Mistakes
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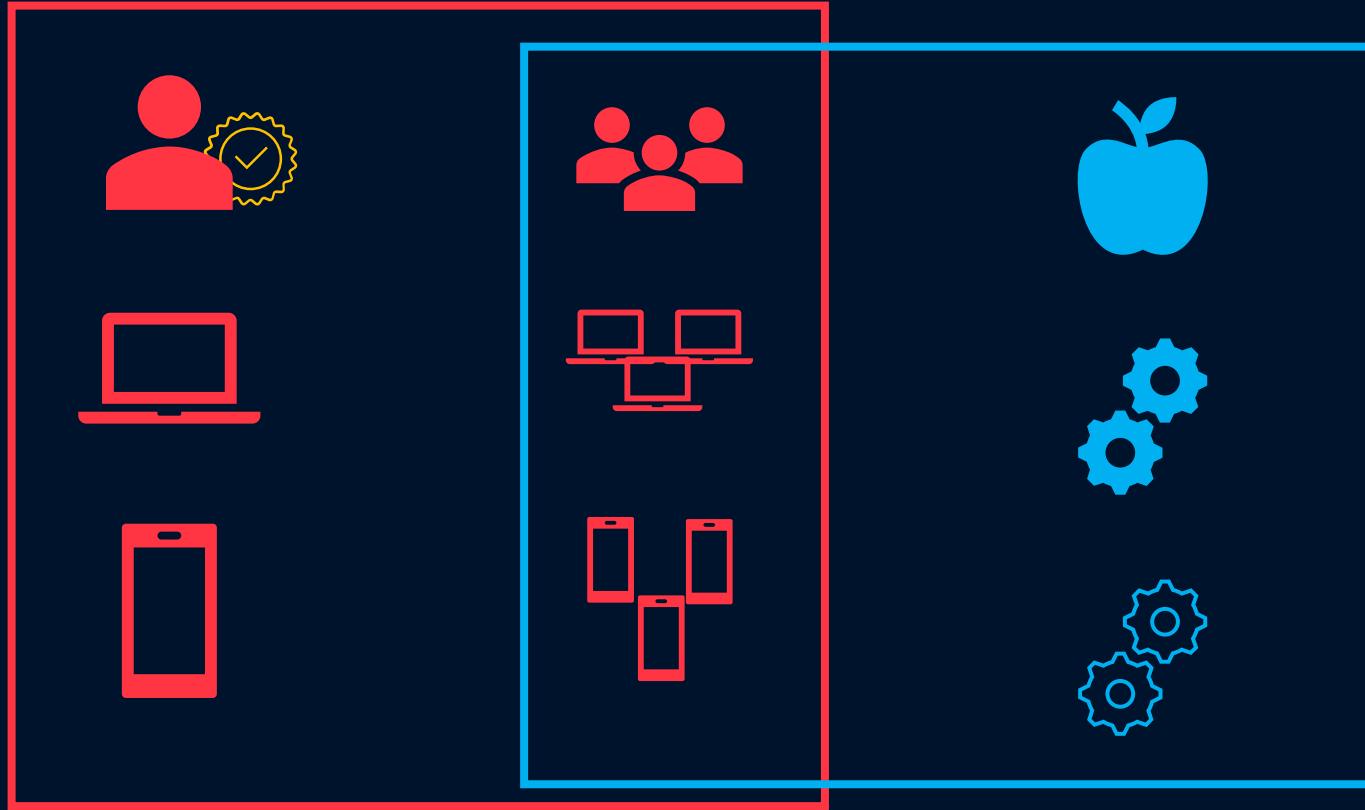
10. Users and Groups



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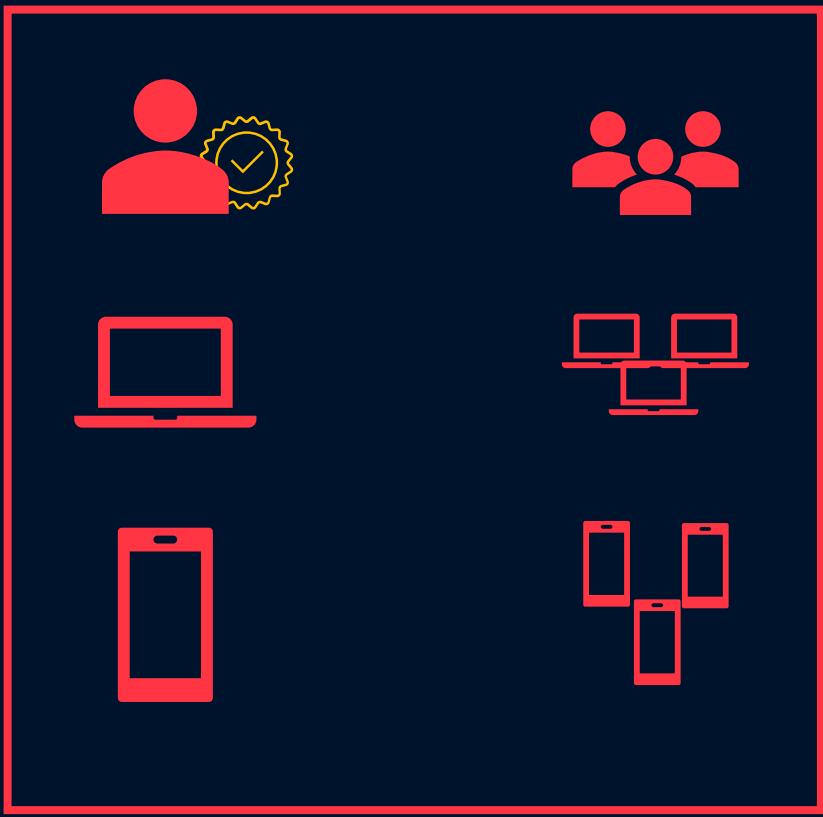
10. Users and Groups



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Microsoft Entra admin center

Home > Groups | All groups

Simon Does - Microsoft Entra ID for work

All groups

Deleted groups

Diagnose and solve problems

Groups

All groups

Deleted groups

Group settings

Devices

Applications

Settings

General

Expiration

Naming policy

Activity

Privileged Identity Management

Access reviews

Audit logs

[All groups](#)[Deleted groups](#)[Diagnose and solve problems](#)**Settings**[General](#)[Expiration](#)[Naming policy](#)**Activity**[Privileged Identity Management](#)[Access reviews](#)[Audit logs](#)[Bulk operation results](#)**Troubleshooting + Support**[New support request](#)

Search

Add filter

Search mode Contains

52 groups found

	Name	Object Id	Group type
<input type="checkbox"/>	AC All Company	4220b5ef-c7ed-4db4-8a0f-b84f82065659	Microsoft 365
<input type="checkbox"/>	AE All Employees	4509bd0b-ebe3-498c-960b-68e5fd86f4d3	Distribution
<input type="checkbox"/>	AU All Users	677a3a0c-32c3-4667-aaa0-1be801bde491	Security
<input type="checkbox"/>	AW AI-Device-Intune-All Windows 10 Devices	8df1a013-a380-4c6a-8c1f-3ce085f3fa29	Security
<input type="checkbox"/>	AW AI-Device-Intune-All Windows 11 Devices	ab0cc5b0-3015-4043-a957-4ba63538b28e	Security
<input type="checkbox"/>	AR AI-Device-Windows-Patching-Early Release	88d90a7b-b10d-459e-9286-62cc25cee10c	Security
<input type="checkbox"/>	AV AI-Device-Windows-Patching-IT Validation	9705aea1-b3ab-4de0-be6e-f7f0516d9683	Security
<input type="checkbox"/>	AA AI-Device-Windows Autopilot-IE	8e9df2be-afdf-4d36-8ed5-8703b1f1b17c	Security
<input type="checkbox"/>	AA AI-Device-Windows Autopilot-UK	caaa92ea-374c-48e0-b2d0-ff705fb4c0da	Security
<input type="checkbox"/>	AZ AZ-Persona-CA-Admins	0f100132-f9b0-4025-a1a4-aae4c0ff7600	Security

Settings

52 groups found

General

Expiration

Naming policy

Activity

Privileged Identity Management

Access reviews

Audit logs

Bulk operation results

Troubleshooting + Support

New support request

	Name ↑	Object Id	Group type
	AC All Company	4220b5ef-c7ed-4db4-8a0f-b84f82065659	Microsoft 365
	AE All Employees	4509bd0b-ebe3-498c-960b-68e5fd86f4d3	Distribution
	AU All Users	677a3a0c-32c3-4667-aaa0-1be801bde491	Security
	AW AZ-Device-Intune-All Windows 10 Devices	8df1a013-a380-4c6a-8c1f-3ce085f3fa29	Security
	AW AZ-Device-Intune-All Windows 11 Devices	ab0cc5b0-3015-4043-a957-4ba63538b28e	Security
	AR AZ-Device-Windows-Patching-Early Release	88d90a7b-b10d-459e-9286-62cc25cee10c	Security
	AV AZ-Device-Windows-Patching-IT Validation	9705aea1-b3ab-4de0-be6e-f7f0516d9683	Security
	AA AZ-Device-Windows Autopilot-IE	8e9df2be-afdf-4d36-8ed5-8703b1f1b17c	Security
	AA AZ-Device-Windows Autopilot-UK	caa92ea-374c-48e0-b2d0-ff705fb4c0da	Security
	AZ AZ-Persona-C-A-Admins	0f100132-f9b0-4025-a1a4-aae4c0ff7600	Security
	AZ AZ-Persona-C-A-AzureServiceAccounts	1ed63656-de01-43f4-9fa3-fcc343c70fec	Security
	AZ AZ-Persona-C-A-BreakGlassAccounts	3ce76647-2b84-4318-844c-8c26086cbef	Security
	AI AZ-Persona-C-A-Exclude-Block LegacyAuth	bdb9c9514-bade-49c1-b26a-29024e96bc20	Security

Groups | All groups

Simon Does - Microsoft Entra ID for workforce

[New group](#) [Download groups](#) [Refresh](#) [Manage view](#) [Delete](#) [Got feedback?](#)[All groups](#)[Deleted groups](#)[Diagnose and solve problems](#)[Settings](#)[General](#)[Expiration](#)[Naming policy](#)[Activity](#)[Privileged Identity Management](#)[Access reviews](#)[Audit logs](#)[Bulk operation results](#)[Troubleshooting + Support](#)[New support request](#) Search[Add filter](#)Search mode Contains

52 groups found

<input type="checkbox"/>	Name ↑	Object Id	Group type	Membership type
<input type="checkbox"/>	AC All Company	4220b5ef-c7ed-4db4-8a0f-b84ff82065659	Microsoft 365	Assigned
<input type="checkbox"/>	AE All Employees	4509bd0b-ebe3-498c-960b-68e5fd86f4d3	Distribution	Assigned
<input type="checkbox"/>	AU All Users	677a3a0c-32c3-4667-aaa0-1be801bde491	Security	Dynamic
<input type="checkbox"/>	AW AZ-Device-Intune-All Windows 10 Devices	8df1a013-a380-4c6a-8c1f-3ce085f3fa29	Security	Dynamic
<input type="checkbox"/>	AW AZ-Device-Intune-All Windows 11 Devices	ab0cc5b0-3015-4043-a957-4ba63538b28e	Security	Dynamic
<input type="checkbox"/>	AR AZ-Device-Windows-Patching-Early Release	88d90a7b-b10d-459e-9286-62cc25cee10c	Security	Assigned
<input type="checkbox"/>	AV AZ-Device-Windows-Patching-IT Validation	9705aea1-b3ab-4de0-be6e-f7f0516d9683	Security	Assigned
<input type="checkbox"/>	AA AZ-Device-Windows Autopilot-IE	8e9df2be-afdf-4d36-8ed5-8703b1f1b17c	Security	Dynamic
<input type="checkbox"/>	AA AZ-Device-Windows Autopilot-UK	caaa92ea-374c-48e0-b2d0-ff705fb4c0da	Security	Dynamic
<input type="checkbox"/>	AZ AZ-Persona-CA-Admins	0f100132-f9b0-4025-a1a4-aae4c0ff7600	Security	Assigned
<input type="checkbox"/>	AZ AZ-Persona-CA-AzureServiceAccounts	1ed63656-de01-43f4-9fa3-fcc343c70fec	Security	Assigned

Groups | All groups

Simon Does - Microsoft Entra ID for work



All groups

Deleted groups

Diagnose and solve problems

Settings

General

Expiration

Naming policy

Activity

Privileged Identity Management

Access reviews

Audit logs

Bulk operation results

Troubleshooting + Support

New support request

New Group

...



Got feedback?

Group type * ⓘ

Security



Group name * ⓘ

All Windows Devices



Group description ⓘ

Group holding all devices with Windows Operating system



Microsoft Entra roles can be assigned to the group ⓘ

Yes

No

Membership type * ⓘ

Assigned



Assigned

Dynamic User

Dynamic Device



New group

Download groups



Refresh



Manage view



Delete



Got feedback?

All groups

Deleted g...

Diagnose

Settings

General

Expiration

Naming

Activity

Privileged

Access re...

Audit log

Bulk op...

Troubleshoot

New sup...

Membership type *

**Assigned****Assigned****Dynamic User****Dynamic Device**

AZ-Persona-CA-AzureServiceAccounts

1ed63656-de01-43f4-9fa3-fcc343c70fec

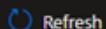
Security

Assigned



New group

Download groups



Refresh



Manage view



Delete



Got feedback?

All groups

Deleted g

Diagnose

Settings

General

Expiration

Naming p

Activity

Privileged

Access re

Audit logs

Bulk oper

Troubleshoot

New supp

Membership type *

**Dynamic Device**

Dynamic device members *

**Add dynamic query**

<input type="checkbox"/>	AZ	AZ-Device-Windows Autopilot-UK	caaa92ea-374c-48e0-b2d0-1f705fb4c0da	Security	Dynamic
<input type="checkbox"/>	AZ	AZ-Persona-CA-Admins	0f100132-f9b0-4025-a1a4-aae4c0ff7600	Security	Assigned
<input type="checkbox"/>	AZ	AZ-Persona-CA-AzureServiceAccounts	1ed63656-de01-43f4-9fa3-fcc343c70fec	Security	Assigned

Dynamic membership rules

X

[Save](#)[Discard](#)[Got feedback?](#)

Configure Rules Validate Rules (Preview)

You can use the rule builder or rule syntax text box to create or edit a dynamic membership rule. [Learn more](#)

And/Or

Property

Operator

Value

Choose a Property

Choose an Operator

Add a value

[+ Add expression](#)

Rule syntax

accountEnabled

[Edit](#)

objectId

displayName

isRooted

deviceOSType

deviceOSVersion

deviceCategory

deviceManufacturer

deviceModel

deviceOwnership

Dynamic membership rules

X



Save

Configure

You can

And/



+ Add

Rule



Configure Rules

Validate Rules (Preview)

You can use the rule builder or rule syntax text box to create or edit a dynamic membership rule. [Learn more](#)

And/Or

Property

And

deviceOSType

Operator

Value

Contains

Windows

[+ Add expression](#)

deviceOSVersion

Starts With

10.0.22

Rule syntax

```
(device.deviceOSType -contains "Windows") and (device.deviceOSVersion -startsWith "10.0.22")
```

deviceCategory

deviceManufacturer

deviceModel

deviceOwnership

10. Users and Groups



Set up Intune

Configure

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All Windows 10 devices

(device.deviceOSType -contains "Windows") and (device.deviceOSVersion -startsWith "10.0.19")

All Windows 11 devices

(device.deviceOSType -contains "Windows") and (device.deviceOSVersion -startsWith "10.0.22")

All Autopilot devices with Grouptag like IE

(device.devicePhysicalIds -any (_ -eq "[OrderID]:IE"))

All users on Sales Department

user.department -eq "Sales"

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All Windows 10 devices

(device.deviceOSType -contains "Windows") and (device.deviceOSVersion -startsWith "10.0.19")

All Windows 11 devices

(device.deviceOSType -contains "Windows") and (device.deviceOSVersion -startsWith "10.0.22")

All Autopilot devices with GroupTag like

(device.devicePhysicalIds -any (_ -eq "[OrderID]"))

All users on Sales Department

user.department -eq "Sales"



10. Users and Groups

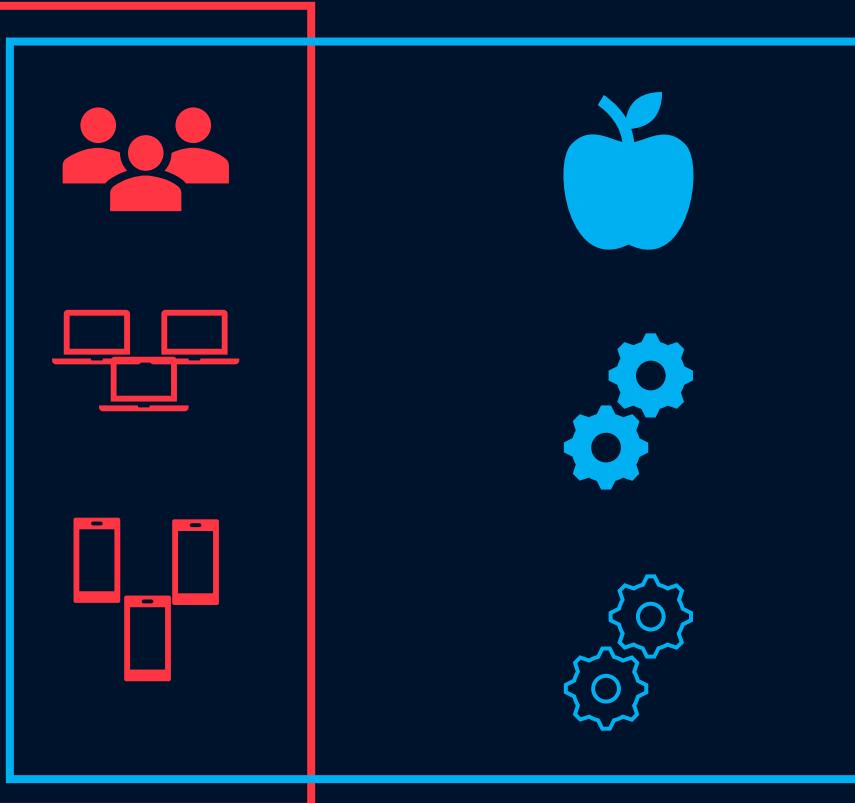


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User group vs Device group



10. Users and Groups



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User group vs Device group



ariaupdated
@ariaupdated

How do you group devices in your organization? #Management #WindowsUpdate

141 votes • 18 hours left

4:05 PM · Nov 7, 2023 · 1,132 Views

User Groups

Device Groups

A combination of both

10. Users and Groups

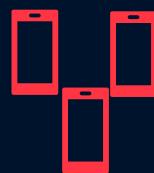


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User group vs Device group



The image shows two tweets side-by-side. The top tweet is from a user named **ariaupdated** (@ariaupdated) and discusses grouping devices in an organization. The bottom tweet is from a user named **Nickolaj Andersen [MVP]** (@NickolajA) and discusses targeting towards device-based groups.

ariaupdated (@ariaupdated)
How do you group devices in your organization? #Management
#WindowsUpdate

Nickolaj Andersen [MVP] (@NickolajA) 3h
Rarely ever do we assign anything towards a group that contains users.
99.9% of all targeting is towards device based groups.

10. Users and Groups



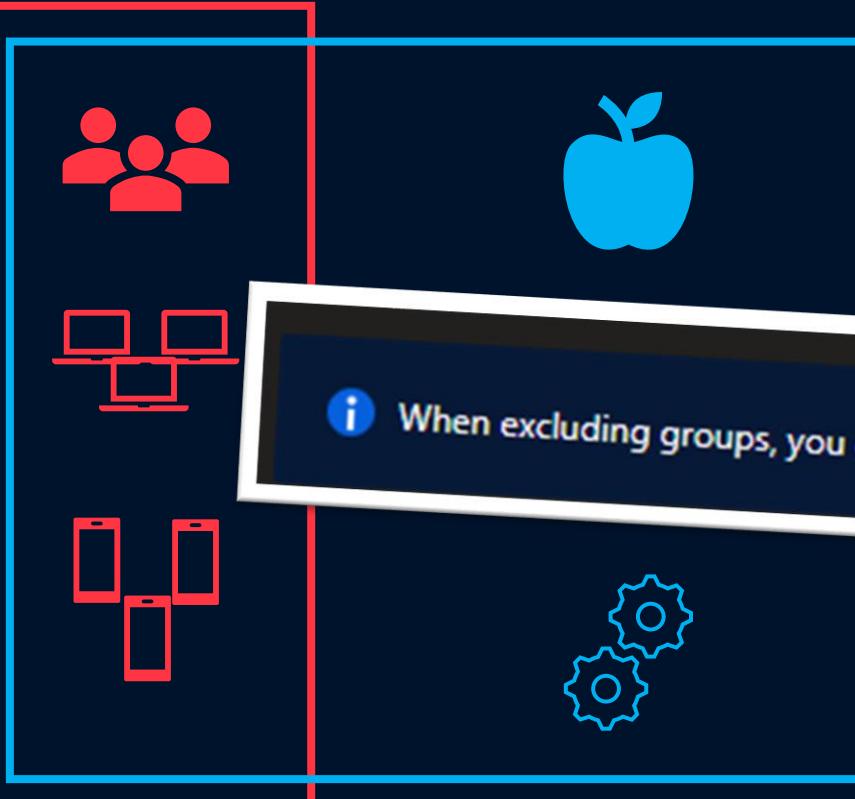
Set up Intune

Configure

- Custom domain name
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User group vs Device group



10. Users and Groups



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User group vs Device group

I configured a rule on a group but no memberships get updated in the group

Depending on the size of your Microsoft Entra organization, the group may take **up to 24 hours** for populating for the first time or after a rule change.

For users can take **30 minutes or longer** to populate.



I don't see membership changes instantly when I add or change a rule, why not?

Dedicated...



mic groups are slow

in asynchronous operations. The time required depends on the number of users in the group and the complexity of the rule.

asynchronous operations. The time required depends on the number of users in the group and the complexity of the rule.

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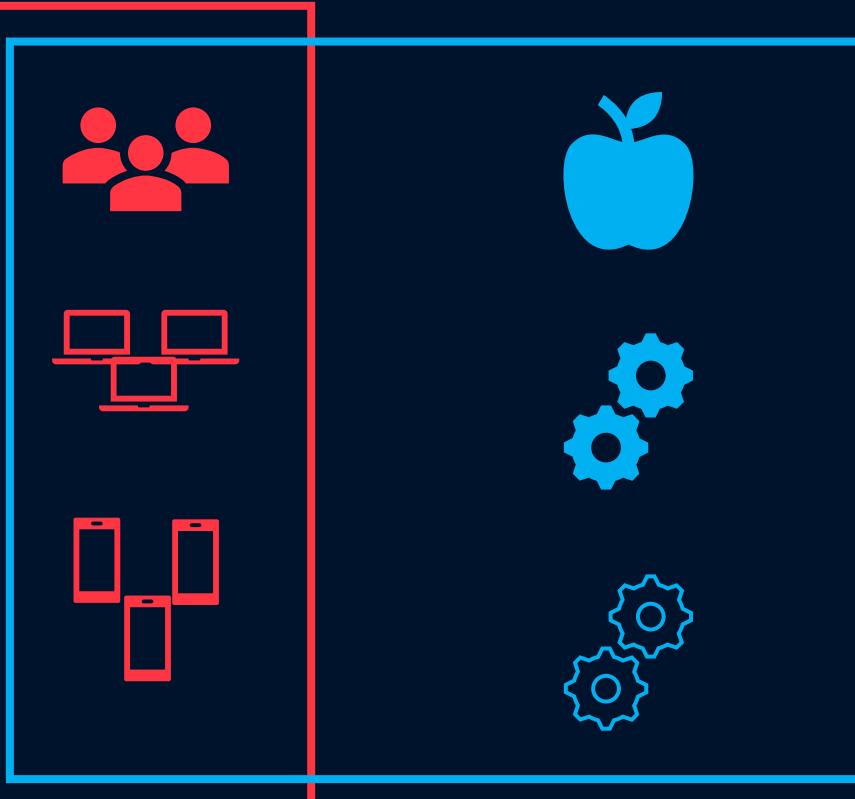
10. Users and Groups



Set up Intune

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User group vs Device group

Dynamic groups are slow

Use Intune Filters!

10. Users and Groups

Use Intune Filters!

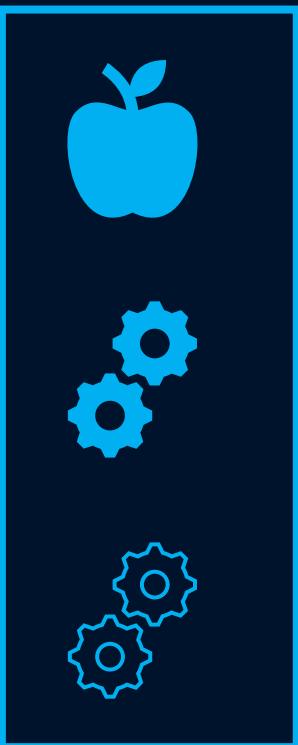


Set up Intune

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Microsoft Intune admin center

Home > Devices

Devices | Filters

Search

Enrollment device platform restrictions

eSIM cellular profiles (preview)

Policy sets

Other

Device clean-up rules

Device categories

Create

Search by filter name

Filter name	Platform
WFLT001 - AAD Joined	Windows 10 and later
WFLT002 - HAAD joined	Windows 10 and later
WFLT003 - AAD or HAAD joined	Windows 10 and later
WFLT004 - Windows 11 devices	Windows 10 and later
WFLT005 - Windows 10 devices	Windows 10 and later
WFLT006 - Windows devices	Windows 10 and later

10. Users and Groups

Use Intune Filters!

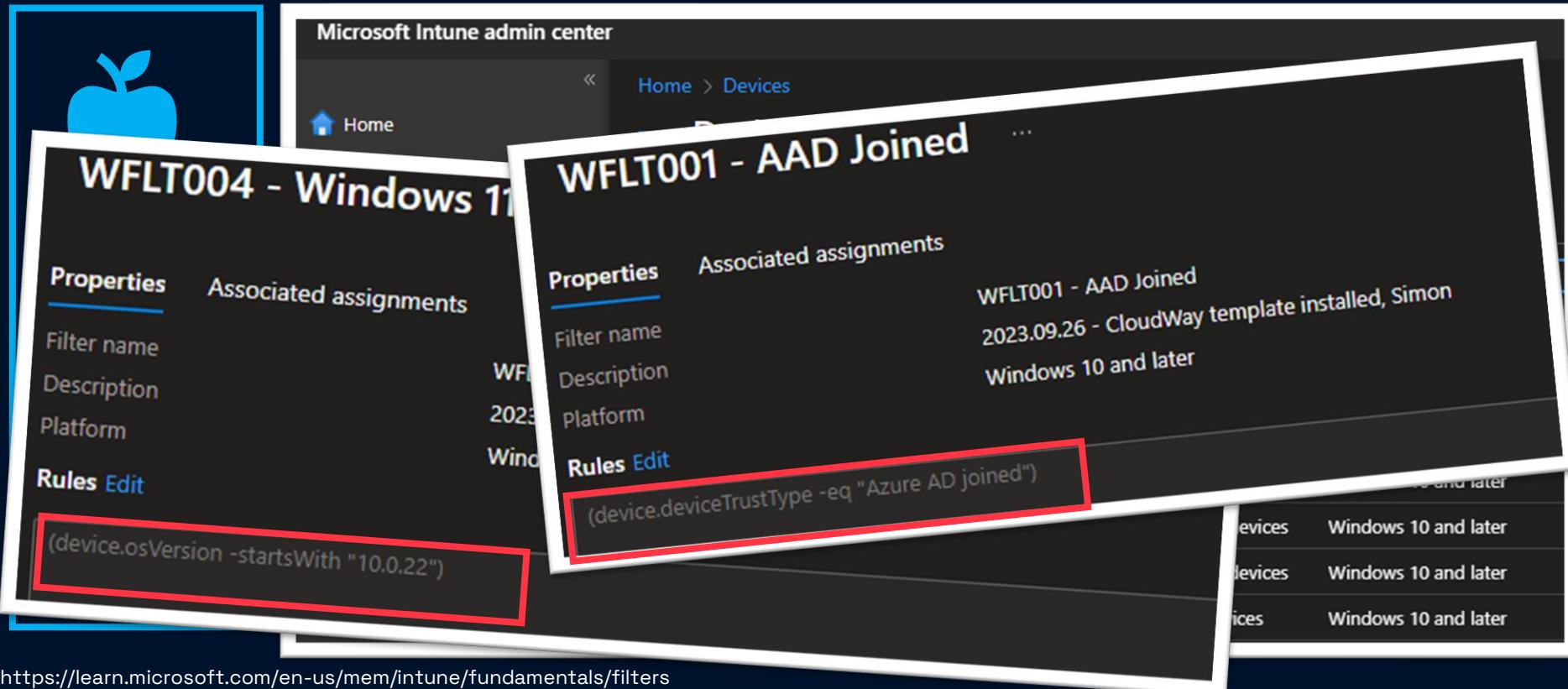


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The screenshot displays the Microsoft Intune admin center interface, specifically the 'Devices' section. It shows two device filters: 'WFLT004 - Windows 11' and 'WFLT001 - AAD Joined'. Both filters have their 'Properties' tabs selected. The 'Associated assignments' tab is also visible. The 'Rules' tab for both filters is highlighted with a red box. The rule for 'WFLT004 - Windows 11' is '(device.osVersion -startsWith "10.0.22")'. The rule for 'WFLT001 - AAD Joined' is '(device.deviceTrustType -eq "Azure AD joined")'.

Filter Name	Description	Platform	Last modified	Associated assignments
WFLT004 - Windows 11		Windows 11	2023-09-26	WFLT004 - AAD Joined Windows 10 and later
WFLT001 - AAD Joined	2023-09-26 - CloudWay template installed, Simon	Windows 10 and later	Windows 10 and later	WFLT001 - AAD Joined Windows 10 and later
				WFLT001 - AAD Joined Windows 10 and later
				WFLT001 - AAD Joined Windows 10 and later

10. Users and Groups Use Intune Filters!



Set up Intune

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... > Windows | Configuration profiles > WDCP016 - OS - Disable News and Interests >

Edit profile - WDCP016 - OS - Disable News and Interests

Settings catalog

① Assignments

② Review + save

Included groups

 Add groups Add all users Add all devices[Groups](#)[Group Members](#) ⓘ[Filter](#)[Filter mode](#)[Edit filter](#)[Remove](#)[All Devices](#)WFLT005 - Windows 10 devices [Include](#)[Edit filter](#)[Remove](#)



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9 RBACs

**Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them**

9. RBACs



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Intune Administrator

9. RBACs



Set up Intune

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Intune Administrator

PRIVILEGED

This is a [privileged role](#). Users with this role have [global permissions](#) within Microsoft Intune Online, when the service is present. Additionally, this role contains the ability to [manage users and devices](#) in order to associate policy, as well as create and manage groups. For more information, see [Role-based administration control \(RBAC\) with Microsoft Intune](#).

[This role can create and manage all security groups](#). However, Intune Administrator does not have admin rights over Office groups. That means the admin cannot update owners or memberships of all Office groups in the organization. However, he/she can manage the Office group that he creates which comes as a part of his/her end-user privileges. So, any Office group (not security group) that he/she creates should be counted against his/her quota of 250.

9. RBACs



Intune Administrator

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Microsoft Intune admin center

Home < Home >

Tenant admin | Tenant status

Search

Tenant details

Tenant name: M365x7391000

Tenant location: Europe 0601

Home Dashboard All services Devices Apps Endpoint security Reports Users Groups Tenant administration Troubleshooting + support Roles Azure AD Privileged Identity Management Diagnostics settings



- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

Microsoft Intune admin center

«

Home > Tenant admin | Roles >



Endpoint Manager roles | All roles

...

Microsoft Intune

Search

Manage

All roles

Scope tags

Administrator Licensing

Monitor

My permissions

Help and support

Help and support

Create Duplicate Refresh

Endpoint Manager roles help you to assign permissions to administrators.

Search by name

 Name

↑ Type

<input type="checkbox"/> Application Manager	Built-in Role
<input type="checkbox"/> Endpoint Security Manager	Built-in Role
<input type="checkbox"/> Organizational Messages Manager	Built-in Role
<input type="checkbox"/> Endpoint Privilege Manager	Built-in Role
<input type="checkbox"/> School Administrator	Built-in Role
<input type="checkbox"/> Read Only Operator	Built-in Role
<input type="checkbox"/> Endpoint Privilege Reader	Built-in Role
<input type="checkbox"/> Intune Role Administrator	Built-in Role
<input type="checkbox"/> Help Desk Operator	Built-in Role
<input type="checkbox"/> Policy and Profile manager	Built-in Role

9. RBACs



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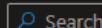
- MDM authority
- Company portal

Microsoft Intune admin center

[«](#)[Home > Tenant admin | Roles > Endpoint Manager roles](#)

Endpoint Manager roles | Scope tags

Microsoft Intune



Search

«

Manage

All roles

Scope tags

Administrator Licensing

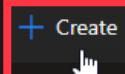
Monitor

My permissions

Help and support

Help and support

Scope tags define groups of Intune resources that align with specific Intune Role assignments. For example, a "Seattle Office" scope tag could be used to associate policies, profiles or applications with administrators that only apply to the Seattle office location.



Create



Refresh



Export



Columns



Search



Name

Description

Default

By default, all Intune entities without scope tag are assigned to

9. RBACs



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Microsoft Intune admin center



<<

[Home](#) > [Tenant admin | Roles](#) > [Endpoint Manager roles | Scope tags](#) >

Create Scope Tag

...

1 Basics

2 Assignments

3 Review + create

Scope tags define groups of Intune resources that align with specific Intune Role assignments. For example, a "Seattle Office" scope tag could be used to associate policies, profiles or applications with administrators that only apply to the Seattle office locations.

Name *

iOS

**Description**

All iOS devices.



9. RBACs

Microsoft Intune admin center

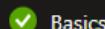
<

[Home](#) > [Tenant admin | Roles](#) > [Endpoint Manager roles | Scope tags](#) >

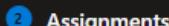
Create Scope Tag

...

Scope tag



Basics



Assignments



Review + create

Assign scope tags to all devices in select security groups

Included groups

Add groups

Groups

Remove

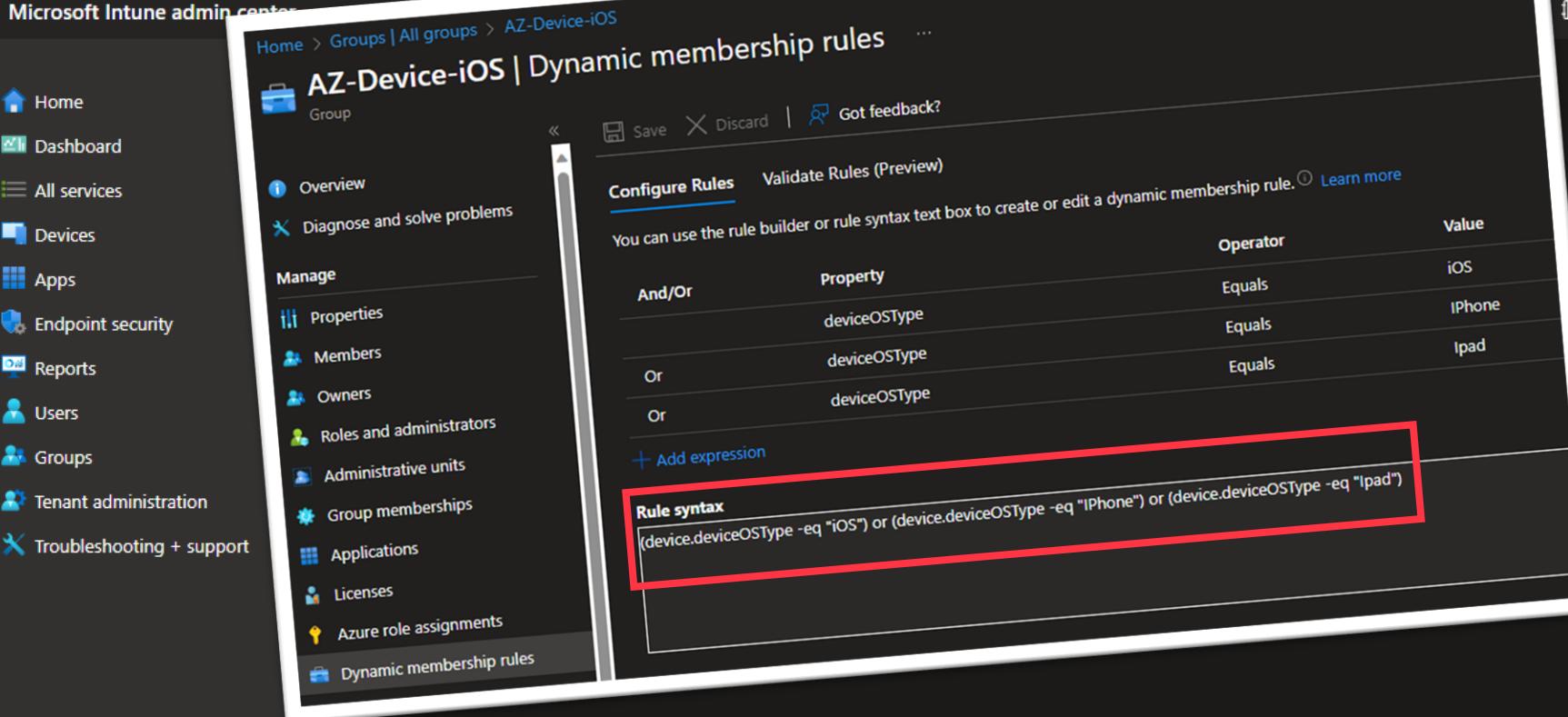
AZ-Device-iOS

Remove

Groups	Remove
AZ-Device-iOS	

9. RBACs

Microsoft Intune admin center



The screenshot shows the Microsoft Intune admin center interface. On the left, there's a navigation sidebar with various options like Home, Dashboard, All services, Devices, Apps, Endpoint security, Reports, Users, Groups, Tenant administration, and Troubleshooting + support. The 'Groups' option is selected. In the main content area, the path 'Home > Groups | All groups > AZ-Device-iOS' is shown. The title 'AZ-Device-iOS | Dynamic membership rules' is displayed above a table. The table has three columns: 'And/Or', 'Property', and 'Value'. It contains three rows of conditions: 'deviceOSType Equals iOS', 'deviceOSType Equals iPhone', and 'deviceOSType Equals iPad'. Below the table, a section titled 'Rule syntax' contains the expression: '(device.deviceOSType -eq "iOS") or (device.deviceOSType -eq "iPhone") or (device.deviceOSType -eq "iPad")'. This entire section is highlighted with a red rectangular box.

And/Or	Property	Value
Or	deviceOSType	Equals
Or	deviceOSType	Equals
+ Add expression	deviceOSType	iOS
		iPhone
		iPad

Rule syntax
(device.deviceOSType -eq "iOS") or (device.deviceOSType -eq "iPhone") or (device.deviceOSType -eq "iPad")

9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

Microsoft Intune admin center

[Home > Devices | iOS/iPadOS > iOS/iPadOS](#)

iOS/iPadOS | Configuration profiles

- iOS/iPadOS devices
- iOS/iPadOS enrollment

iOS/iPadOS policies

Compliance policies

Configuration profiles

[Update policies for iOS/iPadOS](#)

Profiles

[Create profile](#)[Refresh](#)[Export](#)[Columns](#)

Platform: iOS/iPadOS

[Add filters](#)

Profile name ↑

Platform ↓

Profile type

IDCP001 - OS - Device Restrictions

iOS/iPadOS

Device restrictions

IDCP002 - OS - Device Features

iOS/iPadOS

Device features

IDCP201 - APP - Microsoft Defender AutoVPN

iOS/iPadOS

VPN

IDCP202 - APP - Allow Sync Calendar and Contact

iOS/iPadOS

Email

iOS device restriction to block Game Center

iOS/iPadOS

Device restrictions

9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

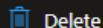
- MDM authority
- Company portal

Microsoft Intune admin center

Home > Devices | iOS/iPadOS > iOS/iPadOS | Configuration profiles >

IDCP001 - OS - Device Restrictions

Device Configuration Profiles



Delete

Included groups

Group	Filter	Filter mode
All Devices	None	None

Excluded groups

Group
No results.

Scope tags [Edit](#)

Default
iOS

Configuration settings [Edit](#)

▀ Built-in apps



9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

Microsoft Intune admin center

<

[Home](#) > [Tenant admin | Roles](#) >

Endpoint Manager roles | All roles

Microsoft Intune

[+ Create](#) [Duplicate](#)[Refresh](#)

Endpoint Manager roles help you to assign permissions to administrators.

Manage

[All roles](#)[Scope tags](#)[Administrator Licensing](#)

Monitor

[My permissions](#)

Help and support

[Help and support](#) Search by name Name

Type

 Application Manager

Built-in Role

 Endpoint Security Manager

Built-in Role

 Organizational Messages Manager

Built-in Role

 Endpoint Privilege Manager

Built-in Role

 School Administrator

Built-in Role

 Read Only Operator

Built-in Role

 Endpoint Privilege Reader

Built-in Role

 Intune Role Administrator

Built-in Role

 Help Desk Operator

Built-in Role

9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

Microsoft Intune admin center



Home > Tenant admin | Roles > Endpoint Manager roles | All roles >

Duplicate role

...

Copy role's existing description and permissions

1 Basics

2 Permissions

3 Scope tags

4 Review + create

Name *

iOS Operator 

Description

Custom role based on Help Desk Operators perform remote tasks on applications or policies related to iOS.

9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

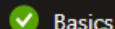
Microsoft Intune admin center



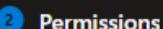
Home > Tenant admin | Roles > Endpoint Manager roles | All roles >

Duplicate role ...

Copy role's existing description and permissions



Basics



Permissions



Scope tags



Review + create

Select a category below to configure settings.

Android Enterprise

Android FOTA

Read ⓘ

No

Yes

Create ⓘ

No

Yes

Delete ⓘ

No

Yes

Assign ⓘ

No

Yes

Update ⓘ

No

Yes

Audit data

Certificate Connector

9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

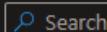
Microsoft Intune admin center

<

[Home](#) > [Tenant admin | Roles](#) > [Endpoint Manager roles | All roles](#) > [iOS Operator](#)

iOS Operator | Properties

Microsoft Intune



<<

[Overview](#) [Edit](#)

Manage

Properties

Assignments

[Edit](#)[Edit](#)

Name

iOS Operator

Description

Custom role based on Help Desk Operators perform remote tasks on applications or policies related to iOS.

Certificate Connector

Read

Cloud attached devices

Take application actions

Enroll Now

Customization

Read

Derived Credentials

Read

Device compliance policies

Read

View reports

Device configurations

Read

View Reports

Device enrollment managers

Read



9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

Microsoft Intune admin center

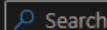


Home > iOS Operator



iOS Operator | Assignments

Microsoft Intune

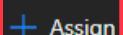


Search

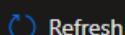


Overview

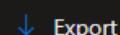
Role assignments tie together a role definition with members and scopes. There can be one or more role assignments per role. This applies to custom and built-in roles.



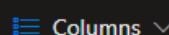
Assign



Refresh



Export

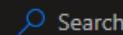


Columns

Manage

Properties

Assignments



Search



Name

Description

9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

Microsoft Intune admin center

[Home](#) > [iOS Operator | Assignments](#) >

Add Role Assignment

iOS Operator

1 Basics**2 Admin Groups****3 Scope Groups****4 Scope tags****5 Review + create**

Name *

iOS Operator Assignment 

Description

Assigning users, scope groups and scope tags to custom role.



- Home
- Dashboard
- All services
- Devices
- Apps
- Endpoint security
- Reports
- Users
- Groups
- Tenant administration
- Troubleshooting + support



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin

- MDM authority
- Company portal

Home > Groups | All groups >

New Group

...



Got feedback?

Group type *



Security

Group name *



AZ-Intune-CustomRole-iOS-Operators

Group description



Group holding users allowed to use the Intune Custom role iOS Operator



Microsoft Entra roles can be assigned to the group



Yes

No

Membership type



Assigned



9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

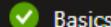
- MDM authority
- Company portal

Microsoft Intune admin center

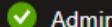
Home > iOS Operator | Assignments >

Add Role Assignment

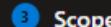
iOS Operator



Basics



Admin Groups



Scope Groups



Scope tags



Review + create

Administrators in this role assignment can target policies, applications and remote tasks

Included groups

 Add groups

 Add all users

 Add all devices

Groups

Remove

AZ-Device-iOS

Remove

 Home

 Dashboard

 All services

 Devices

 Apps

 Endpoint security

 Reports

 Users

 Groups

 Tenant administration

 Troubleshooting + support



9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

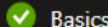
- MDM authority
- Company portal

Microsoft Intune admin center

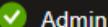
[Home](#) > [iOS Operator | Assignments](#) >

Add Role Assignment

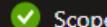
iOS Operator



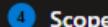
Basics



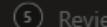
Admin Groups



Scope Groups



Scope tags



Review + create

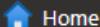
Configure scope tags for this role

Scope tags

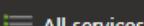
iOS

[+ Select scope tags](#)

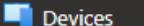
...



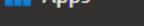
Home



Dashboard



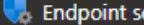
All services



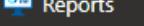
Devices



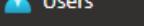
Apps



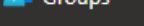
Endpoint security



Reports



Users



Groups



Tenant administration



Troubleshooting + support



9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

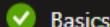
Microsoft Intune admin center

Home > iOS Operator | Assignments >

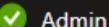
Add Role Assignment

...

iOS Operator



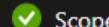
Basics



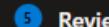
Admin Groups



Scope Groups



Scope tags



Review + create

Summary

Basics

Name

iOS Operator Assignment

Description

Assigning users, scope groups and scope tags to custom role.

Admin Groups

Included groups

AZ-Intune-CustomRole-iOS-Operators

Scope Groups

Included groups

AZ-Device-iOS

Scope tags

iOS



9. RBACs



Set up Intune

Configure

- Custom domain name
- Users and groups
- Licenses, roles, and admin permissions

- MDM authority
- Company portal

admin@M365x
SIMON DOES (M365)

Microsoft Intune admin center

<

Home > Tenant admin | Roles >

Endpoint Manager roles | All roles

Microsoft Intune

 Search[Create](#)[Duplicate](#)[Refresh](#)

Manage

[All roles](#)[Scope tags](#)[Administrator Licensing](#)

Monitor

[My permissions](#)

Help and support

[Help and support](#)

Endpoint Manager roles help you to assign permissions to administrators.

 Search by name

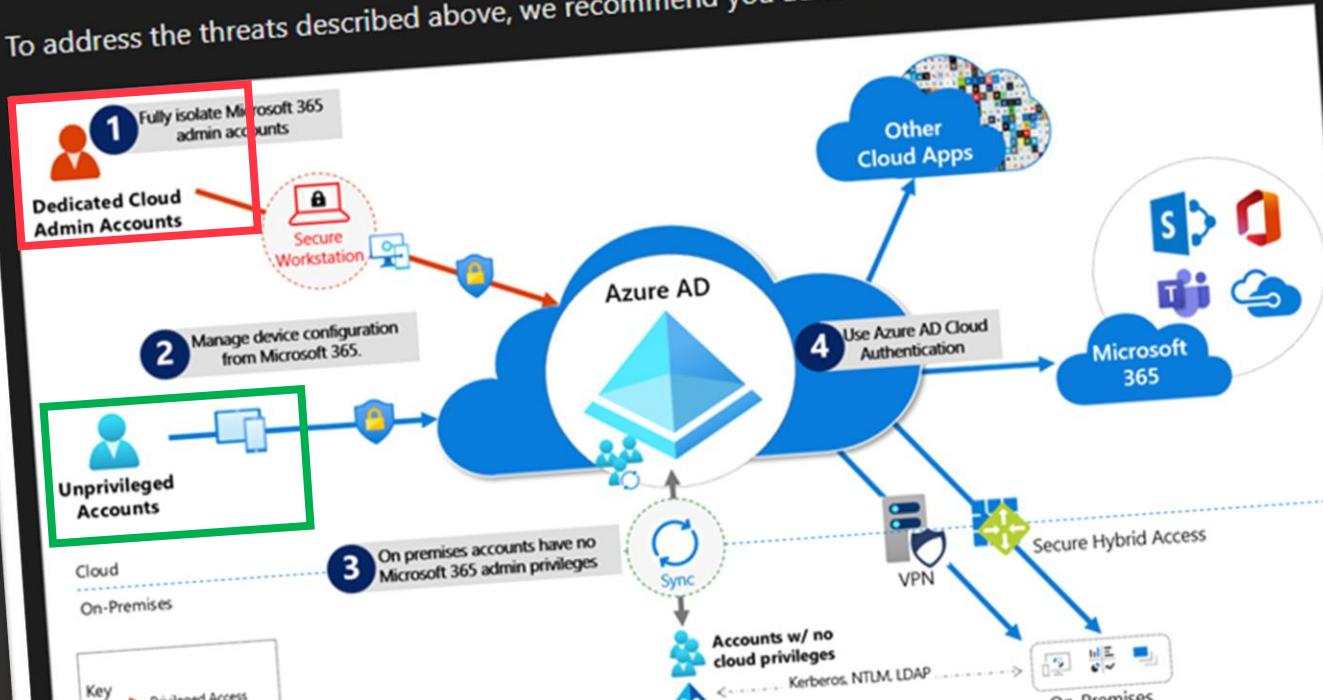
<input type="checkbox"/> Name	Type
<input type="checkbox"/> Application Manager	Built-in Role
<input type="checkbox"/> Endpoint Security Manager	Built-in Role
<input type="checkbox"/> Organizational Messages Manager	Built-in Role
<input type="checkbox"/> Endpoint Privilege Manager	Built-in Role
<input type="checkbox"/> School Administrator	Built-in Role
<input type="checkbox"/> Read Only Operator	Built-in Role
<input type="checkbox"/> Endpoint Privilege Reader	Built-in Role
<input type="checkbox"/> Intune Role Administrator	Built-in Role
<input type="checkbox"/> Help Desk Operator	Built-in Role
<input type="checkbox"/> Policy and Profile manager	Built-in Role
<input type="checkbox"/> iOS Operator	Custom Intune role

9. RBACs



Protecting Microsoft 365 from on-premises compromise

To address the threats described above, we recommend you adhere to the principles illustrated in the following diagram:



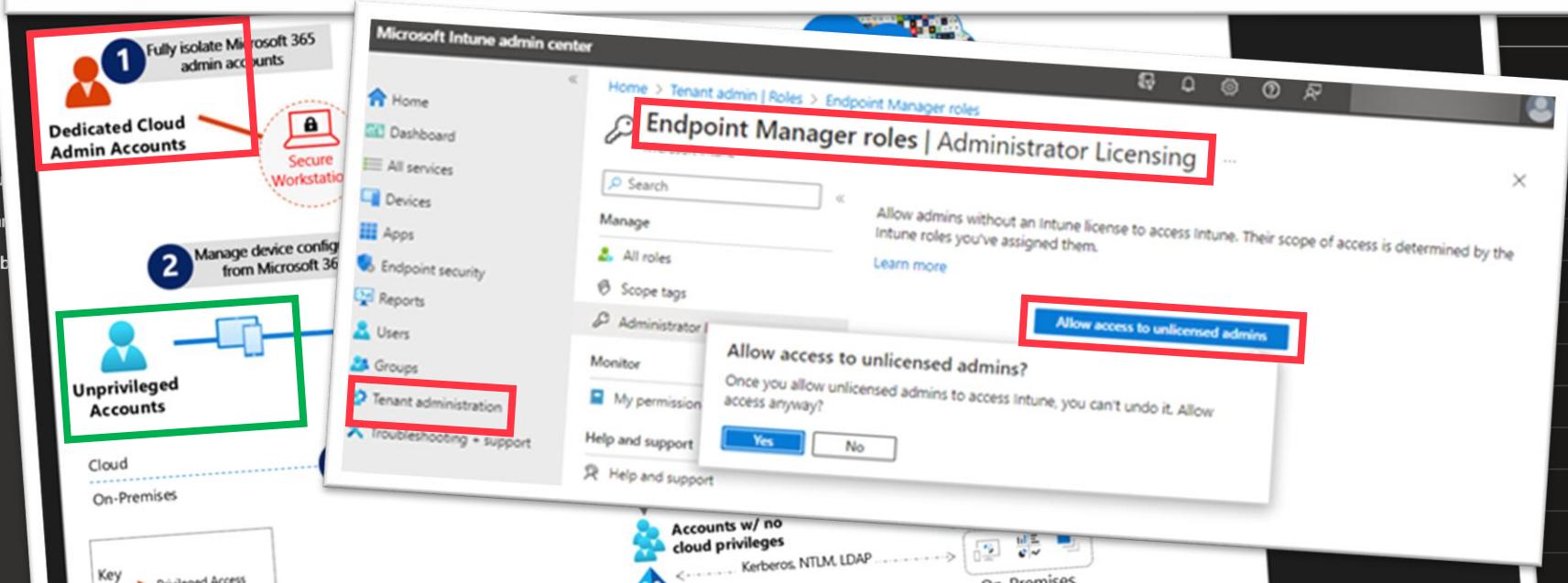


9. RBACs

Access from on-premises

! Note

To be able to administer Intune you must have an Intune license assigned. Alternatively, you can allow non-licensed users to administer Intune by setting Allow access to unlicensed admins to Yes.



1 Fully isolate Microsoft 365 admin accounts

Dedicated Cloud Admin Accounts

Secure Workstation

2 Manage device config from Microsoft 365

Unprivileged Accounts

Microsoft Intune admin center

Home > Tenant admin | Roles > Endpoint Manager roles

Endpoint Manager roles | Administrator Licensing

Allow access to unlicensed admins?

Once you allow unlicensed admins to access Intune, you can't undo it. Allow

Allow access to unlicensed admins

Yes No

Allow admins without an Intune license to access Intune. Their scope of access is determined by the Intune roles you've assigned them.

Learn more

Search

Manage

All roles

Scope tags

Administrator

Monitor

My permission

Tenant administration

Help and support

Help and support

Accounts w/ no cloud privileges

Kerberos, NTLM, LDAP

On-Premises



Set up Intune



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices



Use compliance and Conditional Access



Configure device features and settings



Enroll your devices



8

Application Distributions

**Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them**

8. Application Distributions



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices

Microsoft Intune admin center

Home > Apps

Apps | All apps

Search

+ Add ⏪ Refresh ⏴ Filter ⏴ Export ⏴ Columns

Overview

All apps

Monitor

By platform

- Windows
- iOS/iPadOS
- macOS
- Android

Policy

- App protection policies
- App configuration policies
- iOS app provisioning profiles
- S mode supplemental policies
- Policies for Office apps
- Policy sets
- Quiet time

Name	Type	Status	Version
Adobe Acrobat Reader DC	Microsoft Store app (new)		
Adobe Acrobat Reader for Intune Android (De...)	Android store app		
Adobe Acrobat Reader for Microsoft Intune (D...)	iOS store app		
Company Portal	Microsoft Store app (new)		
Excel	Android store app		
Excel	iOS store app		
M365 Apps for Enterprise	Windows app (Win32)		1.1
Managed Browser	Android store app		
Managed Browser	iOS store app		
Microsoft 365 (Office)	iOS store app		
Microsoft Defender	iOS store app		
Microsoft OneDrive	iOS store app		
Microsoft Outlook	iOS store app		
Microsoft Remote Desktop	Microsoft Store app (new)		

8. Application Distributions



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices

Microsoft Intune admin center



admin@SIMONDOE

Home > Apps | Windows >

Windows | Windows apps

Search



Add



Refresh



Filter



Export



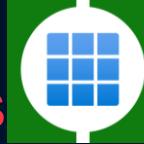
Columns

Filters applied: Platform, App type

Search by name or publisher

Name	Type	Status	Version	Assigned
Adobe Acrobat Reader DC	Microsoft Store app (new)			Yes
Company Portal	Microsoft Store app (new)			Yes
M365 Apps for Enterprise	Windows app (Win32)		1.1	No
Microsoft Remote Desktop	Microsoft Store app (new)			Yes
Microsoft To Do: Lists, Tasks & Remin...	Microsoft Store app (new)			Yes
Microsoft Whiteboard	Microsoft Store app (new)			Yes
TeamViewer: Remote Control	Microsoft Store app (new)			Yes
Zip Unzip - rar, 7zip compression	Microsoft Store app (new)			Yes

8. Application Distributions



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices

Microsoft Intune admin center

Home > Apps | Windows >

MSEndpointMgr

Home Intune Identity Windows ConfigMgr Media

```
<Property Name="SharedComputerLicensing" Value="0" />
<Property Name="FORCEAPPSHUTDOWN" Value="TRUE" />
<Property Name="DeviceBasedLicensing" Value="0" />
<Property Name="SCLCacheOverride" Value="0" />
<Updates Enabled="TRUE" />
<AppSettings>
    <Setup Name="
```

Installing M365 Apps as Win32 App in Intune

Jan Ketil Skanke 2022-10-23 4 comments 4 min read

If you have ever having issues with Autopilot or Enrollment Status page failing or timing out due to Office issues with Office installation, this blog post is for you. Over the years working in this area, the [Office CSP](#) has caused countless issues and deployments to fail. The Office CSP, commonly known as the built-in "Microsoft 365 Apps for Windows 10 and later" is actually not an app distribution in

<https://msendpointmgr.com/2022/10/23/installing-m365-apps-as-win32-app-in-intune/>

Select app type

Create app

App type

Select app type

Store app

Microsoft Store app (new)

Microsoft Store app (legacy)

Microsoft 365 Apps

Windows 10 and later

Windows 10 and later

Microsoft Edge, version 77 and later

Windows 10 and later

Web Application

Windows web link

Other

Web link

Line-of-business app

Windows app (Win32)

8. Application Distributions



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices

Microsoft Intune admin center

Home > Apps | Windows >

Windows | Windows apps

Search

+ Add Refresh Filter Export Columns

Filters applied: Platform, App type

Search by name or publisher

Name	Type
Adobe Acrobat Reader DC	Microsoft Store app (new)
Company Portal	Microsoft Store app (new)
M365 Apps for Enterprise	Windows app (Win32)
Microsoft Remote Desktop	Microsoft Store app (new)
Microsoft To Do: Lists, Tasks & ...	Microsoft Store app (new)
Microsoft Whiteboard	Microsoft Store app (new)
TeamViewer: Remote Control	Microsoft Store app (new)
Zip Unzip - rar, 7zip compressi...	Microsoft Store app (new)

Select app type

Create app

App type

Select app type

Store app

Microsoft Store app (new)

Microsoft Store app (legacy)

Microsoft 365 Apps

Windows 10 and later

Microsoft Edge, version 77 and later

Windows 10 and later

Web Application

Windows web link

Other

Web link

Line-of-business app

Windows app (Win32)

8. Application Distributions



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices

Microsoft Intune admin center

Home > Apps | Windows >

Windows | Windows apps

Search

+ Add ⏪ Refresh ⚙ Filter ⏴ Export ⏹ Columns

Filters applied: Platform, App type

Search by name or publisher

Name	Type
Adobe Acrobat Reader DC	Microsoft Store app (new)
Company Portal	Microsoft Store app (new)
M365 Apps for Enterprise	Windows app (Win32)
Microsoft Remote Desktop	Microsoft Store app (new)
Microsoft To Do: Lists, Tasks & ...	Microsoft Store app (new)
Microsoft Whiteboard	Microsoft Store app (new)
TeamViewer: Remote Control	Microsoft Store app (new)
Zip Unzip - rar, 7zip compressi...	Microsoft Store app (new)

Select app type

Create app

App type

Select app type

Store app

- Microsoft Store app (new)
- Microsoft Store app (legacy)

Microsoft 365 Apps

Windows 10 and later

Microsoft Edge, version 77 and later

Windows 10 and later

Web Application

- Windows web link

Other

Line-of-business app

Windows app (Win32)

8. Application Distributions



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices

Microsoft Intune admin center

Home > Apps | Windows >

Windows | Windows apps

Search

+ Add ⏪ Refresh ⏴ Filter ⏴ Export ⏴ Columns

Filters applied: Platform, App type

Search by name or publisher

Name	Type
Adobe Acrobat Reader DC	Microsoft Store app (new)
Company Portal	Microsoft Store app (new)
M365 Apps for Enterprise	Windows app (Win32)
Microsoft Remote Desktop	Microsoft Store app (new)
Microsoft To Do: Lists, Tasks & ...	Microsoft Store app (new)
Microsoft Whiteboard	Microsoft Store app (new)
TeamViewer: Remote Control	Microsoft Store app (new)
Zip Unzip - rar, 7zip compressi...	Microsoft Store app (new)

Select app type

Create app

App type

Line-of-business app

Line-of-business app

To add a custom or in-house app, upload the app's installation file. Make sure the file extension matches the app's intended platform. Intune supports the following line-of-business app platforms and extensions:

- Android (APK)
- iOS (IPA)
- macOS (pkg)
- Windows (.msi, .appx, .appxbundle, .msix, and .msixbundle)**

Learn more about Line-of-business apps

Validate your applications using Test Base for Microsoft 365

Test Base is a cloud validation service that allows you to easily onboard your applications through the Azure portal. You can quickly view deep insights including test results, performance metrics, and crash/hang signals. Through a Microsoft managed environment, you can gain access to world-class intelligence about the performance and reliability of your applications.

Get started on Test Base

8. Application Distributions



Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices

admin@M365x7391006...
SIMON DOES (M365x73910067.O...)

Microsoft Intune admin center

Home > Apps | Windows >

Windows | Windows apps

Search

+ Add ⏪ Refresh ⚡ Filter ⏴ Export ⏷ Columns

Filters applied: Platform, App type

Search by name or publisher

Name	Type
Adobe Acrobat Reader DC	Microsoft Store app (new)
Company Portal	Microsoft Store app (new)
M365 Apps for Enterprise	Windows app (Win32)
Microsoft Remote Desktop	Microsoft Store app (new)
Microsoft To Do: Lists, Tasks & ...	Microsoft Store app (new)
Microsoft Whiteboard	Microsoft Store app (new)
TeamViewer: Remote Control	Microsoft Store app (new)
Zip Unzip - rar, 7zip compressi...	Microsoft Store app (new)

Select app type

Create app

App type

Windows app (Win32)

Windows app (Win32)

Add a custom or in-house Win32-based app. Upload the app's installation file in .intunewin format.

[Learn more about Win32-based apps](#)

Validate your applications using Test Base for Microsoft 365

Test Base is a cloud validation service that allows you to easily onboard your applications through the Azure portal. You can quickly view deep insights including test results, performance metrics, and crash/hang signals. Through a Microsoft managed environment, you can gain access to world-class intelligence about the performance and reliability of your applications.

[Get started on Test Base](#)

8. Application Distributions

Thursday, 09 November 2023



1 Security	2 Architecture	4 Operations and Automation	5 Cloud	6 Data & AI	7 Server & Client
08:30 08:30 → 60 min Crouching Tiger, Hidden Data: What's New & Cool in Microsoft 365 Security & Compliance Andy Malone	08:30 → 60 min Tales from Incident Response Mikael Nystrom Viktor Hedberg	08:30 → 60 min Dive Headfirst into Intune Jannik Reinhard	08:30 → 60 min Hybrid cloud with Intune Jannik Reinhard	08:30 → 60 min Getting started with the Windows 11 CoPilot Jannik Reinhard	08:30 → 60 min Microsoft Intune - One service to manage them all - utopia or reality? Simon Binder
09:50 09:50 → 60 min So, you thought it was always about you! John Craddock	09:50 → 60 min Hybrid- and Multi-Cloud Server Management with Azure Arc Gregor Reimling	Imagine a world where Win32 apps in Intune would just download, package and publish themselves, all made ready for your end users to consume the apps they want. Does that pique your interest? Join this session to get a deep technical understanding of tools and community solutions available today that can ease your daily administrative tasks associated with application packaging and take them to the next level, more or less fully automated. This will be a session where there's more PowerShell code shown than PowerPoint slides! We will go through the IntuneWin32App module, IntuneWin32AppFramework and finally touch point on how these tools can be combined into a fully automated Azure DevOps Pipeline powered solution, the Intune App Factory.		09:50 → 60 min Fully automated Win32 application packaging in Intune Nickolaj Andersen	09:50 → 60 min Unlock the potential of the Enterprise data universe with Microsoft Purview Mohit Sharma
11:10 11:10 → 60 min The Clash of the Defenders: how to handle more Microsoft Defenders you could ever imagine. Alex de Jong	11:10 → 60 min Using the power of OpenAI with your data: what's possible and how to start Maxim Salmikov Jon	11:10 → 60 min Stay Ahead of the Game: What's new with Microsoft Enterprise Client Management Ronni Pedersen			
<p>7 SERVER & CLIENT Thu 09:50 - 10:50</p>					



7

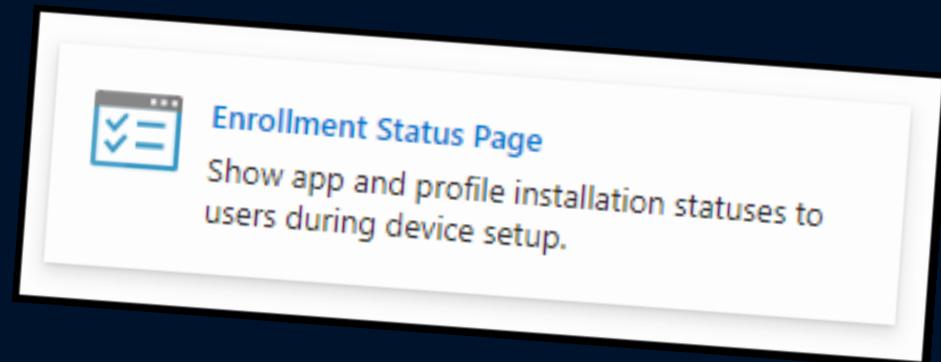
Applications in Autopilot ESP

Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them



7

Applications in Autopilot ESP



7. Applications in Autopilot ESP



Setting up for work or school

This will take a few minutes. Your device might need to restart as we complete the setup.



Device preparation Completed

Device setup Working on it...

- Security policies (1 of 1 applied)
- Certificates (No setup needed)
- Network connections (No setup needed)
- Apps (0 of 1 installed)**

Account setup Waiting

Enrollment Status Page
Show app and profile installation statuses to users during device setup.

7. Applications in Autopilot ESP

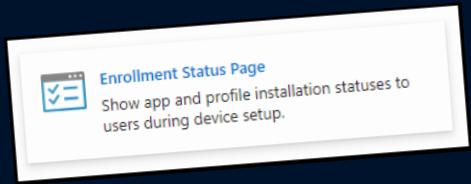
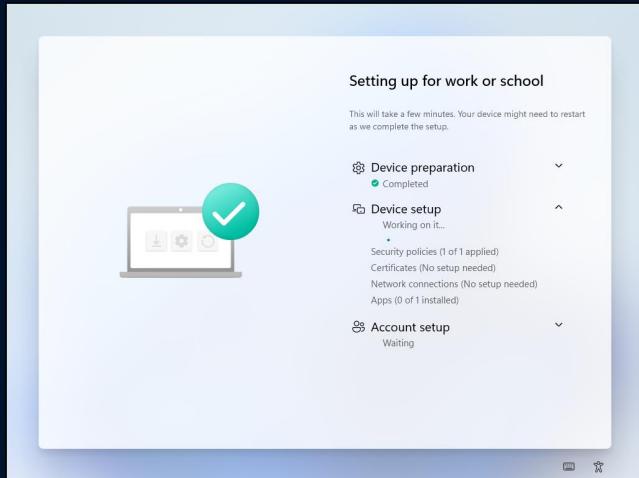
Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- VPN

Use

- App protection on managed and unmanaged devices



Home > Devices | Enroll devices > Enroll devices | Windows enrollment > Enrollment Status Page > All users and all devices

All users and all devices | Properties

Basics

Name	All users and all devices
Description	This is the default enrollment status screen configuration applied with the lowest priority to all users and all devices regardless of group membership.

Settings Edit

Show app and profile configuration progress	Yes
Show an error when installation takes longer than specified number of minutes	60
Show custom message when time limit or error occurs	Yes
Error message	Setup could not be completed. Please try again or contact your support person for help.
Turn on log collection and diagnostics page for end users	Yes
Only show page to devices provisioned by out-of-box experience (OOBE)	Yes
Block device use until all apps and profiles are installed	Yes
Allow users to reset device if installation error occurs	Yes
Allow users to use device if installation error occurs	No
Only fail selected blocking apps in technician phase (review)	No
Block device use until required apps are installed if they are assigned to the user/device	Company Portal

Assignments

Included groups	All devices
-----------------	-------------

Scope tags [Edit](#)



7. Applications in Autopilot ESP

Add, configure, and protect apps

Configure

- Baseline apps list
- Microsoft Outlook and Edge
- App protection on managed and unmanaged devices
- VPN

Use

- App protection on managed and unmanaged devices

The screenshot displays the Microsoft Intune admin center interface, overlaid on a desktop environment showing various application icons and a taskbar.

Microsoft Intune admin center:

- Left sidebar:** Home, Dashboard, All services, Devices, Apps, Endpoint security, Reports, Users, Groups, Tenant administration, Troubleshooting + support.
- Current view:** Apps | Windows > Windows | Windows apps > Adobe Acrobat Reader DC
- Properties pane:** Overview, Manage, Properties (selected), Monitor, Scope tags, Assignments, Group mode, Filter mode, End user notifications, Installation de.
- Available for enrolled devices section:** Included (highlighted with a green border), All devices, Uninstall.

Desktop Taskbar:

- Postman (User-x64)
- PowerShell Core (x64) Microsoft Corporation
- PuTTY (x64) Simon Tatham
- SCAPP MAN_EPOS Connect CloudWay
- Support Assistant CloudWay
- CP CloudWay
- TechSmith Corporation

Right-hand windows:

- Setting up for work or school:** Device preparation (Completed), Device setup (Working on...).
- Device setup:** Certificate (no setup needed), Network connection (no setup needed), Open (0 installed).
- Enrollment Status Page:** Shows status for all users and devices, indicating setup could not be completed.



Set up Intune



Add, configure, and protect apps



Use compliance and Conditional Access

Configure

- Compliance policies for users and devices
- Response for noncompliance

Enforce

- Compliance with Conditional Access



Configure device features and settings



Enroll your devices



Use compliance and Conditional Access

- | | |
|---|---|
| <p>Configure</p> <ul style="list-style-type: none">• Compliance policies for users and devices• Response for noncompliance | <p>Enforce</p> <ul style="list-style-type: none">• Compliance with Conditional Access |
|---|---|

6

Compliance Policies

**Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them**

6. Compliance Policies



Use compliance and Conditional Access

- | | |
|---|--------------------------------------|
| Configure | Enforce |
| • Compliance policies for users and devices | • Compliance with Conditional Access |
| • Response for noncompliance | |

Microsoft Intune admin center



«

[Home > Devices | Compliance policies > Compliance policies](#)

Compliance policies | Compliance policy settings



Search

«



Save



Discard

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 the device's status.

Mark devices with no compliance policy assigned as ⓘ



Compliant

Compliance status validity period (days) ⓘ

30

- Home
- Dashboard
- All services
- Devices
- Apps
- Endpoint security
- Reports
- Users
- Groups
- Tenant administration
- Troubleshooting + support

6. Compliance Policies



Use compliance and Conditional Access

- | | |
|---|--------------------------------------|
| Configure | Enforce |
| • Compliance policies for users and devices | • Compliance with Conditional Access |
| | • Response for noncompliance |

Microsoft Intune admin center



«

[Home](#) > [Devices | Compliance policies](#) > [Compliance policies](#)

Compliance policies | Compliance policy settings



Search



Save



Discard

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

Mark devices with no compliance policy assigned as ⓘ



Not compliant

Compliance status validity period (days) ⓘ

30

6. Compliance Policies



Use compliance and Conditional Access

- | | |
|---|--------------------------------------|
| Configure | Enforce |
| • Compliance policies for users and devices | • Compliance with Conditional Access |
| • Response for noncompliance | |

Microsoft Intune admin center

Home > Devices | Windows > Windows

Windows | Compliance policies

Search

Configured Windows compliance policies use the Machine Risk Score setting but do not have an active Microsoft Defender

Create policy Refresh Export Columns

Search

Platform or OS: Windows 10 and later, Windows 8.1 and later

Policy name ↑	Platform or OS ↴	Policy type
WCOP001 - Device Health - BitLocker and Secure boot	Windows 10 and later	Windows 10/11
WCOP002 - Device Properties - Minimum OS version	Windows 10 and later	Windows 10/11
WCOP003 - System Security - Microsoft Defender	Windows 10 and later	Windows 10/11
WCOP004 - System Security - Device Security	Windows 10 and later	Windows 10/11
WCOP005 - System Security - Require Encryption	Windows 10 and later	Windows 10/11
WCOP006 - Microsoft Defender for Endpoint Risk Score	Windows 10 and later	Windows 10/11

The screenshot shows the Microsoft Intune admin center interface for managing Windows compliance policies. The left sidebar has a red box around the 'Devices' option. The main content area shows a list of compliance policies with a red box around the first six items: WCOP001 through WCOP006. Each policy entry includes the policy name, platform or OS it applies to, and its policy type (Windows 10/11). A top banner at the bottom of the page also highlights compliance and conditional access.

6. Compliance Policies



Use compliance and Conditional Access

- | | |
|---|--------------------------------------|
| Configure | Enforce |
| • Compliance policies for users and devices | • Compliance with Conditional Access |
| • Response for noncompliance | |

Microsoft Intune admin center

- [!\[\]\(483b0b1d5025bed5967b2601f9bf655b_img.jpg\) Home](#)
- [!\[\]\(76b55f815086a9733686d8588ca2daf5_img.jpg\) Dashboard](#)
- [!\[\]\(949b65dd7930a1b85da32467c7f0254b_img.jpg\) Devices](#)
- [!\[\]\(a4f711bccbc74175f13a326ebce62312_img.jpg\) Apps](#)
- [!\[\]\(f3c419cfefbe9be75b848ee566eabf70_img.jpg\) Endpoint security](#)
- [!\[\]\(48cb2025519e19ea3868ba6ff39be3a3_img.jpg\) Reports](#)
- [!\[\]\(4bdcc96b2d86de583042bd7ba0a0df22_img.jpg\) Users](#)
- [!\[\]\(e82a3aa395932a30c06528a8f28a9f1a_img.jpg\) Groups](#)
- [!\[\]\(64fca1828f77a2aac14fe80ca15d44b8_img.jpg\) Tenant administration](#)
- [!\[\]\(93de693b52aec1c92c1a39c6df650e37_img.jpg\) Troubleshooting + support](#)

Home > Devices | Windows > Windows | Compliance policies >

WCOP001 - Device Health - BitLocker and Secure boot

Compliance policy - Windows 10 and later

Monitor **Properties**

Basics

[Edit](#)

Name

WCOP001 - Device Health - BitLocker and Secure boot

Description

2023.09.26 - CloudWay template installed, Simon

Platform

Windows 10 and later

Profile type

Windows 10/11 compliance policy

Compliance settings

[Edit](#)

Device Health

Bitlocker

Required

Secure Boot

Required

Code Integrity

Required

Actions for noncompliance

[Edit](#)

Action

Schedule

Message template

Additional recipients (via email)

Mark device noncompliant

2 Days

None selected

6. Compliance Policies



Use compliance and Conditional Access

- | | |
|--|--|
| Configure <ul style="list-style-type: none">• Compliance policies for users and devices | Enforce <ul style="list-style-type: none">• Compliance with Conditional Access• Response for noncompliance |
|--|--|

Microsoft Intune admin center

Home

Dashboard

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Troubleshooting + support

Home > Devices | Windows > Windows | Compliance policies >

WCOP002 - Device Properties - Minimum OS version

Compliance policy - Windows 10 and later

Monitor **Properties**

Basics	Edit
Name	WCOP002 - Device Properties - Minimum OS version
Description	2023.09.26 - CloudWay template installed, Simon
Platform	Windows 10 and later
Profile type	Windows 10/11 compliance policy
Compliance settings	Edit
Device Properties	
Minimum OS version	10.0.19044
Actions for noncompliance	Edit
Action	Schedule
Mark device noncompliant	Immediately
Message template	
Additional recipients (via email)	None selected

Required password type

Device default

6. Compliance Policies



Use compliance and Conditional Access

- | | |
|--|---|
| Configure <ul style="list-style-type: none"> Compliance policies for users and devices Response for noncompliance | Enforce <ul style="list-style-type: none"> Compliance with Conditional Access |
|--|---|

Microsoft Intune admin center

<
[Home](#) > [Devices | iOS/iPadOS](#) > [iOS/iPadOS | Compliance policies](#) >

ICOP003 - System Security - App Blacklist

Compliance policy - iOS/iPadOS

Delete
[Monitor](#) **Properties**
Basics
[Edit](#)
Name

ICOP003 - System Security - App Blacklist

Description

2023.09.26 - CloudWay template installed, Simon

Platform

iOS/iPadOS

Profile type

iOS compliance policy

Compliance settings
[Edit](#)
Restricted Apps

	Name	App Id
TikTok		com.zhiliaapp.musically
Telegram Messenger		ph.telegra.Telegraph

Actions for noncompliance
[Edit](#)
Action
Schedule
Message template
Additional recipients (via email)

Mark device noncompliant

Immediately

Selected

None selected

Send email to end user

Immediately

None selected

Send push notification to end user

Immediately

None selected

6. Compliance Policies



Use compliance and Conditional Access

- | | |
|--|---|
| Configure
• Compliance policies for users and devices
• Response for noncompliance | Enforce
• Compliance with Conditional Access |
|--|---|

Microsoft Intune admin center

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- [All services](#)
- [Devices](#)
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- [Reports](#)
- [Users](#)
- [Groups](#)
- [Tenant administration](#)
- [Troubleshooting + support](#)

Microsoft Intune admin center

Home > Devices | iOS/iPadOS > iO

ICOP003 - System Se

Compliance policy - iOS/iPadOS

[Delete](#)

[Monitor](#) [Properties](#) (selected)

Basics

Name: ICOP003 - System Se

Description: Compliance policy - iOS/iPadOS

Platform: iOS/iPadOS

Profile type: Configuration profile

Compliance settings

Restricted Apps:

- [Edit](#)

Actions for noncompliance

Action	Schedule	Message template	Additional recipients (via email)
Mark device noncompliant	Immediately	Selected	None selected
Send email to end user	Immediately		None selected
Send push notification to end user	Immediately		None selected

Microsoft Intune admin center

Home > Devices | Compliance policies > Compliance policies

Compliance policies | Notifications

[Create or edit notification message templates.](#)

[Policies](#)

[Notifications](#) (selected)

[Retire noncompliant devices](#)

[Compliance policy settings](#)

[Scripts](#)

Display name

Display name	Last modified
iOS App Blacklist	09/26/2023, 08:55 AM
iOS Minimum OS	09/26/2023, 08:55 AM

6. Compliance Policies



Use compliance and Conditional Access

Configure

- Compliance policies for users and devices
- Response for noncompliance

Enforce

- Compliance with Conditional Access

Microsoft Intune admin center

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- Groups
- Tenant administration
- Troubleshooting + support

ICOP003 - System Settings

Compliance policy - iOS/iPadOS

Delete

Monitor Properties

Basics

Name

Description

Platform

Profile type

Compliance settings

Restricted Apps

Actions for noncompliance

Action

Mark device noncompliant

Send email to end user

Send push notification to end user

Microsoft Intune admin center

Edit notification iOS App Blacklist

1 Notification message templates

Review + save

Locale

Subject

Message

Is Default

Norwegian, Bokmål

Oppdaget illegal ap...

Vi har oppdaget en illegal app på din ...

English (United Kingdom)

Uncovered an Una...

We have identified an unauthorized app on your mobile phone. Please check the information in the Company Portal app on your device to determine which app is in question.

Selected

None selected

None selected

None selected

6. Compliance Policies



Use compliance and Conditional Access

Configure

- Compliance policies for users and devices
- Compliance with Conditional Access
- Response for noncompliance

Enforce

- Compliance with Conditional Access



Microsoft Intune admin center

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- Troubleshooting + support



[Home](#) > [Endpoint security | Conditional access](#) > [Conditional Access | Policies](#)

CA200-Internals-AllApps-AnyPlatform-CompliantorMFA-Grant

Conditional Access policy

[Delete](#) [View policy information](#)

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies. [Learn more](#)

Name *

CA200-Internals-AllApps-AnyPlatform-CompliantorMFA-Grant

Assignments

Users

Specific users included and specific users excluded

Target resources

All cloud apps included and 3 apps excluded

Conditions

1 condition selected

Access controls

Grant

2 controls selected

Session

Grant

Control access enforcement to block or grant access. [Learn more](#)

Block access

Grant access

Require multifactor authentication

Require authentication strength

Require device to be marked as compliant

Require Microsoft Entra hybrid joined device

Require approved client app
[See list of approved client apps](#)

Require app protection policy
[See list of policy protected client apps](#)

Require password change

For multiple controls

Require all the selected controls

Require one of the selected controls

6. Compliance Policies



Use compliance and Conditional Access

Configure

- Compliance policies for users and devices
- Compliance with Conditional Access
- Response for noncompliance

Enforce

- Compliance with Conditional Access



Microsoft Intune admin center

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- Endpoint security
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- Groups
- Tenant administration
- Troubleshooting + support



Home > Endpoint security | Conditional access > Conditional Access | Policies >

CA200-Internals-AllApps-AnyPlatform-CompliantorMFA-Grant

Conditional Access policy

Delete View policy information

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies. [Learn more](#)

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[See list of policy protected client apps](#)

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6. Compliance Policies



Use compliance and Conditional Access

- Configure**
 - Compliance policies for users and devices
 - Response for noncompliance
- Enforce**
 - Compliance with Conditional Access

Microsoft Intune admin center

Home > Endpoint security | Conditional access > Conditional Access | Policies >

CA200-Internals-AllApps-AnyPlatform-CompliantorMFA-Grant

Conditional Access policy

[Delete](#) [View policy information](#)

Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies. [Learn more](#)

Control access based on all or specific network access traffic, cloud apps or actions. [Learn more](#)

Select what this policy applies to

Cloud apps

Name *
CA200-Internals-AllApps-AnyPlatform-CompliantorMFA-Grant

Include **Exclude** Exclude

Assignments

Users [\(1\)](#)

Specific users included and specific users excluded

Target resources [\(1\)](#)

All cloud apps included and 3 apps excluded

Conditions [\(1\)](#)

1 condition selected

Access controls

Grant [\(2\)](#)

2 controls selected

Session [\(1\)](#)

Grant

Control access enforcement to block or grant access. [Learn more](#)

Block access

Grant access

Require multifactor authentication

Require authentication strength

Require device to be marked as compliant

Require Microsoft Entra hybrid joined device

Require approved client app [See list of approved client apps](#)

Require app protection policy [See list of policy protected client apps](#)

Require password change

For multiple controls

Require all the selected controls

Require one of the selected controls



Set up Intune



Add, configure, and protect apps



Use compliance and Conditional Access



Configure device features and settings

Configure

- Security baseline
- Access to organization resources

Enhance

- Protections and configurations



Enroll your devices



Configure device features
and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

5

Configurations

Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them

5. Configurations



Configure device features and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

Microsoft Intune admin center

Home > Endpoint security

Endpoint security | Security baselines

Search

Overview

- Overview
- All devices
- Security baselines** (selected)
- Security tasks

Manage

- Antivirus

Use security baselines to apply Microsoft-recommended security configuration settings to your enrolled devices. [Learn more.](#)

	Last Published
Security Baseline for Windows 10 and later	10/22/21, 12:00 AM
Microsoft Defender for Endpoint Baseline	12/09/20, 12:00 AM
Security Baseline for Microsoft Edge	05/25/23, 2:00 AM
Windows 365 Security Baseline	10/21/21, 12:00 AM
Microsoft 365 Apps for Enterprise Security Baseline	05/25/23, 2:00 AM

5. Configurations



Configure device features and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

Microsoft Intune
Home
Dashboard
All services
Devices
Apps
Endpoint security
Reports
Users
Groups
Tenant administration
Troubleshooting

Available security baselines

The following security baseline instances are available for use with Intune. Use the links to view the settings for recent instances of each baseline.

Security Baseline for Windows 10 and later

- November 2021
- December 2020
- August 2020

Microsoft Defender for Endpoint baseline

- (To use this baseline your environment must meet the prerequisites for using Microsoft Defender for Endpoint).
- Version 6
 - Version 5
 - Version 4
 - Version 3

Note

The Microsoft Defender for Endpoint security baseline has been optimized for physical devices and is currently not recommended for use on virtual machines (VMs) or VDI endpoints. Certain baseline settings can impact remote interactive sessions on virtualized environments. For more information, see Increase compliance to the Microsoft Defender for Endpoint security baseline in the Windows documentation.

- Microsoft 365 Apps for Enterprise
 - May 2023 (Office baseline)

- Microsoft Edge Baseline
 - May 2023 (Edge Version 112 and later)
 - September 2020 (Edge version 85 and later)
 - April 2020 (Edge version 80 and later)
 - Preview: October 2019 (Edge version 77 and later)

- Windows 365 Security Baseline
 - October 2021

Baselines

Baselines to apply Microsoft-recommended security configuration settings to your enrolled devices. [Learn more](#).

Baselines	Last Published
Baseline for Windows 10 and later	10/22/21, 12:00 AM
Microsoft Defender for Endpoint Baseline	12/09/20, 12:00 AM
Baseline for Microsoft Edge	05/25/23, 2:00 AM
Security Baseline	10/21/21, 12:00 AM
Microsoft 365 Apps for Enterprise Security Baseline	05/25/23, 2:00 AM

5. Configurations



Configure device features and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

Available security baselines

The following security baseline instances are available for use with Intune. Use the links to view the settings for recent instances of each baseline.

- Security Baseline for Windows 10 and later
 - November 2021
 - December 2020
 - August 2020
- Microsoft Defender for Endpoint baseline

(To use this baseline your environment must meet the prerequisites for using Microsoft Defender for Endpoint).

 - Version 6
 - Version 5
 - Version 4
 - Version 3

ⓘ Note

The Microsoft Defender for Endpoint security baseline has been optimized for physical devices and is currently not recommended for use on virtual machines (VMs) or VDI endpoints. Certain baseline settings can impact remote interactive sessions on virtualized environments. For more information, see [Increase compliance to the Microsoft Defender for Endpoint security baseline in the Windows documentation](#).

- Microsoft 365 Apps for Enterprise
 - May 2023 (Office baseline)
- Microsoft Edge Baseline
 - May 2023 (Edge Version 112 and later)
 - September 2020 (Edge version 85 and later)
 - April 2020 (Edge version 80 and later)
 - Preview: October 2019 (Edge version 77 and later)
- Windows 365 Security Baseline
 - October 2021

Above Lock

- Voice activate apps from locked screen:
Baseline default: *Disabled*
[Learn More](#)
- Block display of toast notifications:
Baseline default: *Yes*
[Learn More](#)

App Runtime

- Microsoft accounts optional for Microsoft store apps:
Baseline default: *Enabled*
[Learn more](#)

devices. [Learn more](#).

Last Published

10/22/21, 12:00 AM
12/09/20, 12:00 AM
05/25/23, 2:00 AM
10/21/21, 12:00 AM
05/25/23, 2:00 AM



ce features

- Enhance
- Protections and configurations

5. Configuration

Available security baselines

The following security baseline instances are available for use with Intune. Use the links to view the settings for recent instances of each baseline.

- Security Baseline for Windows 10 and later
 - November 2021
 - December 2020
 - August 2020
- Microsoft Defender for Endpoint baseline
 - (To use this baseline your environment must meet the prerequisites for using Microsoft Defender for Endpoint).
 - Version 6
 - Version 5
 - Version 4
 - Version 3

ⓘ Note

The Microsoft Defender for Endpoint security baseline has been optimized for physical devices and is currently not recommended for use on virtual machines (VMs) or VDI endpoints. Certain baseline settings can impact remote interactive sessions on virtualized environments. For more information, see Increase compliance to the Microsoft Defender for Endpoint security baseline in the Windows documentation.

- Microsoft 365 Apps for Enterprise
 - May 2023 (Office baseline)
- Microsoft Edge Baseline
 - May 2023 (Edge Version 112 and later)
 - September 2020 (Edge version 85 and later)
 - April 2020 (Edge version 80 and later)
 - Preview: October 2019 (Edge version 77 and later)
- Windows 365 Security Baseline
 - October 2021

• Block display of toast notifications:
Baseline default: *Disabled*
[Learn More](#)

- Block display of toast notifications:
Baseline default: *Yes*
[Learn More](#)

App Runtime

- Microsoft accounts optional for Microsoft store apps:
Baseline default: *Enabled*
[Learn more](#)

BitLocker

- BitLocker removable drive policy:
Baseline default: *Configure*
[Learn more](#)
- Block write access to removable data-drives not protected by BitLocker:
Baseline default: *Yes*
[Learn more](#)

Browser

- Block Password Manager:
Baseline default: *Yes*
[Learn more](#)
- Require SmartScreen for Microsoft Edge Legacy:
Baseline default: *Yes*
[Learn more](#)
- Block malicious site access:
Baseline default: *Yes*
[Learn more](#)
- Block unverified file download:
Baseline default: *Yes*
[Learn more](#)
- Prevent user from overriding certificate errors:
Baseline default: *Yes*
[Learn more](#)

es. [Learn more](#).

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10/21/21, 12:00 AM
05/25/23, 2:00 AM

5. Configuration

Available security baselines

The following security baseline instances are available for use with Intune. Use the links to view the settings for recent instances of each baseline.

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 - Preview: October 2019 (Edge version 77 and later)
- Windows 365 Security Baseline
 - October 2021

Connectivity

- Configure secure access to UNC paths:

Baseline default: *Configure Windows to only allow access to the specified UNC paths after fulfilling additional security requirements*

[Learn more ↗](#)

- Hardened UNC path list:

Baseline default: *Not configured by default. Manually add one or more hardened UNC paths.*

- Block downloading of print drivers over HTTP:

Baseline default: *Enabled*

[Learn more ↗](#)

- Block Internet download for web publishing and online ordering wizards:

Baseline default: *Enabled*

Device Installation

- Block hardware device installation by setup classes:

Baseline default: *Yes*

[Learn more ↗](#)

- Remove matching hardware devices:

Baseline default: *Yes*

- Block list:

Baseline default: *Not configured by default. Manually add one or more identifiers.*

Device Lock

- Require password:

Baseline default: *Yes*

[Learn more ↗](#)

- Required password:

Baseline default: *Alphanumeric*

[Learn more ↗](#)

- Password expiration (days):

Baseline default: *60*

[Learn more ↗](#)

ice features

- Enhance
 - Protections and configurations

ces. [Learn more](#).

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 - Preview: October 2019 (Edge version 77 and later)
- Windows 365 Security Baseline
 - October 2021

[Learn more ↗](#)

- Prevent reuse of previous passwords:
Baseline default: 24
[Learn more ↗](#)
- Minimum password length:
Baseline default: 8
[Learn more ↗](#)
- Number of sign-in failures before wiping device:
Baseline default: 10
[Learn more ↗](#)
- Block simple passwords:
Baseline default: Yes
[Learn more ↗](#)
- Password minimum age in days:
Baseline default: 1
[Learn more ↗](#)
- Prevent use of camera:
Baseline default: Enabled
[Learn more ↗](#)
- Prevent slide show:
Baseline default: Enabled
[Learn more ↗](#)

DMA Guard

- Enumeration of external devices incompatible with Kernel DMA Protection:
Baseline default: Block all

Event Log Service

- Application log maximum file size in KB:
Baseline default: 32768
[Learn more ↗](#)
- System log maximum file size in KB:
Baseline default: 23740

 es. [Learn more](#).

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 - Preview: October 2019 (Edge version 77 and later)
- Windows 365 Security Baseline
 - October 2021

Experience

- Block Windows Spotlight:
 Baseline default: Yes
[Learn more](#)
- Block third-party suggestions in Windows Spotlight:
 Baseline default: Not configured
[Learn more](#)
- Block consumer specific features:
 Baseline default: Not configured
[Learn more](#)

File Explorer

- Block data execution prevention:
 Baseline default: Disabled
[Learn more](#)
- Block heap termination on corruption:
 Baseline default: Disabled
[Learn more](#)

Firewall

For more information, see [2.2.2 FW_PROFILE_TYPE](#) in the Windows Protocols documentation.

- Firewall profile domain:
 Baseline default: Configure
[Learn more](#)
- Inbound connections blocked:
 Baseline default: Yes
[Learn more](#)
- Outbound connections required:
 Baseline default: Yes
[Learn more](#)
- Inbound notifications blocked:
 Baseline default: Yes
[Learn more](#)

... features

- Enhance
- Protections and configurations

[Learn more](#)

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5. Configurations



Configure device features and settings

- | | |
|--|--|
| Configure | Enhance |
| <ul style="list-style-type: none">• Security baseline• Access to organization resources | <ul style="list-style-type: none">• Protections and configurations |

5. Configurations

Home > Devices | Windows > Windows | Configuration profiles >

Endpoint protection ...

Windows 10 and later

Basics

2 Configuration settings

3 Scope tags

4 Assignments

5 Applicability Rules

6 Review + create

Microsoft Defender Application Guard

Microsoft Defender Firewall

Microsoft Defender SmartScreen

Windows Encryption

Windows Settings ①

Encrypt devices ①

Require

Not configured

Encrypt storage card (mobile only) ①

Require

Not configured

BitLocker base settings ①

Warning for other disk encryption ①

Block

Not configured

Allow standard users to enable
encryption during Azure AD Join ①

Allow

Not configured

Configure encryption methods ①

Enable

Not configured



Configure device features
and settings

Configure

- Security baseline
- Access to organization resources

Enhance

- Protections and configurations



5. Configurations

Microsoft Devices | Windows | Configuration profiles > Endpoint protection

Endpoint protection

Windows 10 and later

Basics Configuration settings Scope tags Assignments

- Microsoft Defender Application Guard
- Microsoft Defender Firewall
- Microsoft Defender SmartScreen
- Windows Encryption
 - Windows Settings
 - Encrypt devices (Require)
 - Encrypt storage card (mobile only) (Require)
 - BitLocker base settings
 - Warning for other disk encryption (Block)
 - Allow standard users to enable encryption during Azure AD Join (Allow)
 - Configure encryption methods (Enable)

Home > Devices | Windows > Windows | Configuration profiles >

Create profile ...

Windows 10 and later - Settings catalog

Basics Configuration settings Scope tags Assignments Review + create

+ Add settings

Administrative Templates Remove category

Windows Components > BitLocker Drive Encryption Remove subcategory

4 of 7 settings in this subcategory are not configured

Select the encryption method for fixed data drives: * XTS-AES 128-bit (default)

Select the encryption method for operating system drives: * XTS-AES 128-bit (default)

Select the encryption method for removable data drives: * AES-CBC 128-bit (default)

Choose drive encryption method and cipher strength (Windows 10 [Version 1511] and later) Enabled

Enforce drive encryption type on fixed

Enabled



- Configure device features and settings
- Configure
 - Security baseline
 - Access to organization resources
 - Enhance
 - Protections and configurations



Configure device features
and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

5. Configurations

Home > Devices | Windows > Windows | Configuration profiles >

Endpoint protection

Windows 10 and later

Basics Configuration settings Scope tags Assignments Applicability Rules Review + create

- Microsoft Defender Application Guard
- Microsoft Defender Firewall
- Microsoft Defender SmartScreen
- Windows Encryption
- Windows Settings
- Encrypt devices (Require Not configured)
- Encrypt storage card (mobile only) (Require Not configured)
- BitLocker base settings (Block Not configured)
- Warning for other disk encryption (Allow Not configured)
- Allow standard users to enable encryption during Azure AD Join (Allow Not configured)
- Configure encryption methods (Enable Not configured)

Home > Devices | Windows > Windows | Configuration profiles >

Create profile

Windows 10 and later - Settings catalog

Basics Configuration settings Scope tags Assignments Review + create

+ Add settings

Administrative Templates Remove category

Windows Components > BitLocker Drive Encryption

4 of 7 settings in this subcategory are not configured

Select the encryption method for fixed data drives: XTS-AES 128-bit (default)

Select the encryption method for operating system drives: XTS-AES 128-bit (default)

Select the encryption method for removable data drives: AES-CBC 128-bit (default)

Choose drive encryption method and cipher strength (Windows 10 [Version 1511] and later): Enabled

Enforce drive encryption type on fixed: Enabled

Home > Endpoint security | Disk encryption >

Create profile

BitLocker

Basics Configuration settings Scope tags Assignments Review + create

Require Device Encryption: Not configured

Allow Warning For Other Disk Encryption: Not configured

Configure Recovery Password Rotation: Not configured

Administrative Templates

Windows Components > BitLocker Drive Encryption

Choose drive encryption method and cipher strength (Windows 10 [Version 1511] and later): Not configured

Provide the unique identifiers for your organization: Not configured

Windows Components > BitLocker Drive Encryption > Operating System Drives

Enforce drive encryption type on: Not configured

5. Configurations



Configure device features and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

If disabled, the user cannot provision Windows Hello for Business except on Azure Active Directory joined mobile phones where provisioning may be required. Not configured will honor configurations done on the client.

Configure Windows Hello for Business: 

Not configured

Not configured

Enabled

Disabled

A dropdown menu is open, showing four options: "Not configured", "Enabled", and "Disabled". The "Not configured" option is highlighted with a blue border and has a downward arrow indicating it is selected. A hand cursor icon is positioned over the "Configure Windows Hello for Business:" label.



5. Configurations

If disabled, the user cannot provision Windows Hello for Business except on Azure Active Directory joined mobile phones where provisioning may be required. Not configured will honor configurations done on the client.

Configure Windows Hello for Business: 

Not configured

Not configured

Enabled

Disabled

Configuration settings

Block Windows Hello for Business

Windows Hello for Business is an alternative method for signing into Windows by replacing passwords, Smart Cards, and Virtual Smart Cards. If you disable or do not configure this policy setting, the device provisions Windows Hello for Business. If you enable this policy setting, the device does not provision Windows Hello for Business for any user.

Block Windows Hello for Business 

Disabled

5. Configurations

Configure device features
and settings

- Configure
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Home > Devices | Windows > Windows | Configuration profiles >

Create profile

...

Windows 10 and later - Settings catalog

Basics

2 Configuration settings

3 Scope tags

4 Assignments

5 Review + create

This policy setting lets you prevent apps and features from working with files on OneDrive. If you enable this policy setting: users can't access OneDrive from the OneDrive app and file picker; Microsoft Store apps can't access OneDrive using the WinRT API; OneDrive doesn't appear in the navigation pane in File Explorer; OneDrive files aren't kept in sync with the cloud; Users can't automatically upload photos and videos from the camera roll folder. If you disable or do not configure this policy setting, apps and features can work with OneDrive file storage.

[Learn more](#)

Remove category

Disable One Drive File Sync



Sync enabled.

Sync enabled.

Sync disabled.

5. Configurations



Configure device features and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

Home > Devices | Windows > Windows | Configuration profiles >

Create profile

Windows 10 and later - Settings

Registry Editor

File Edit View Favorites Help

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\PolicyManager\providers\5613E3DF-193F-4DDE-BCF5-DDCE07CD62FC\default\System

Name	Type	Data
(Default)	REG_SZ	(value not set)
AllowBuildPreview	REG_DWORD	0x00000002 (2)
AllowMicrosoftManagedDesktopProcessing	REG_DWORD	0x00000020 (32)
AllowMicrosoftManagedDesktopProcessing_...	REG_DWORD	0x00000001 (1)
AllowTelemetry	REG_DWORD	0x00000003 (3)
BootStartDriverInitialization	REG_SZ	<enabled /><d
BootStartDriverInitialization_LastWrite	REG_DWORD	0x00000001 (1)
DisableOneDriveFileSync	REG_DWORD	0x00000001 (1)
LimitDiagnosticLogCollection	REG_DWORD	0x00000001 (1)
LimitDumpCollection	REG_DWORD	0x00000001 (1)
LimitEnhancedDiagnosticDataWindowsAnal...	REG_DWORD	0x00000001 (1)

Sync enabled.

Sync disabled.

	1 Security	2 Architecture	3 Partner	4 Automation	5 Cloud	6 Data & AI	7 Server & Client
08:00				EXPO 08:00 → 30 min Doors open NIC Cloud Connect			
08:30				1 SECURITY			
10:00	10:00 → 60 min Forward to the Past and Back to the Future - Cybercrime in 2022/2023 Sami Laiho	10:00 → 60 min Azure Hybrid with Azure Stack HCI Jan-Tore Pedersen	10:00 → 60 min Part AVD Solution 2023 Neil M. Vegas	10:00 → 60 min Ronni Pedersen Jörgen Nilsson Unlocking the Secrets of Intune Troubleshooting: A Deep Dive into Mastery Get to the root of your modern managed Windows client issues with Microsoft Intune. In this session, we'll cover everything you need to know about troubleshooting Configuration Profiles, Enrollment, Settings, App deployment and more. We'll take a deep dive into real-world examples and share field-tested tips and tricks for identifying and resolving common problems. Whether you're new to Microsoft Intune or a seasoned pro, this session will give you the tools you need to troubleshoot effectively.  7 SERVER & CLIENT Wed 13:20 - 14:20	10:00 → 60 min CoPilot for Data Protection and classification of data Roy Apalnes	10:00 → 60 min Beyond the Thunderdome: Microsoft 365 Guest & External Access Inside & Out! Andy Malone	
11:20	11:20 → 60 min Hacker's Perspective on New Risks: Revising the Cybersecurity Priorities for 2023 Paula Januszkiewicz	11:20 → 60 min Under the Hood: Sharing Data to Balance Collaboration and Security Ståle Mørk & Simon			11:20 → 60 min Organization Opilot Ready? Jørgen Nilsson	11:20 → 60 min Deep dive into Graph API and Intune Nickolaj Andersen	
12:20				EXPO 12:20 → 60 min Lunch break			
13:20	13:20 → 60 min The Best Teacher is the Last Mistake: Top Things You Can Do to Improve your Incident Response Plan Paula Januszkiewicz	13:20 → 60 min Microsoft Teams 2.0: A deep dive into the new client and architecture Peter Schmidt	13:20 → 60 min Backing up Cloud Native workloads with Kasten K10 by Veeam Timothy Dewin	13:20 → 60 min Automating the Transition to Log Ingestion API & Data Collection Rules for your Logs in LogAnalytics Andy Malone	13:20 → 60 min Cybersecurity Top Gun! Bullet proof your Hybrid Cloud. Andy Malone	13:20 → 60 min Why There's Never Been a Better Time to Dive into Data with Microsoft Fabric Puneet Vijwani & Thomas Bjørnåg	13:20 → 60 min Unlocking the Secrets of Intune Troubleshooting: A Deep Dive into Mastery Ronni Pedersen & Jörgen Nilsson



Configure device features
and settings

- Configure
 - Security baseline
 - Access to organization resources

- Enhance
 - Protections and configurations

4

Updates and Patches

Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them



Configure device features
and settings

Configure
• Security baseline
• Access to organization
resources

Enhance
• Protections and
configurations

4

Updates and Patches



By Matthew Olney on July 24, 2023

Cyber Security Forecast: Trends for the rest of 2023

Zero-Day Remote Code Execution Vulnerability on physical hardware

Ensuring that the latest security patches are applied and software is kept up to date is a crucial aspect of maintaining a robust cybersecurity posture. Outdated software and unpatched systems are fertile ground for cybercriminals, who exploit known vulnerabilities to infiltrate networks and carry out malicious activities.

Security patches are created to fix vulnerabilities that have been identified in software. When software is not updated with these patches, it leaves the system susceptible to attacks. As such, maintaining up-to-date software is akin to keeping the doors and windows of a house locked - it's a basic, yet essential, measure to prevent intruders from gaining access.

4. Updates and Patches



- Configure device features and settings
- Configure
 - Security baseline
 - Access to organization resources
 - Enhance
 - Protections and configurations

Microsoft Intune admin center

All services > Devices

Devices | Update rings for Windows 10 and later

Search

Create profile Refresh Export Columns

Name	Feature deferral
WUP001 - Windows - Patching - Ring 1	0
WUP002 - Windows - Patching - Ring 2	0
WUP003 - Windows - Patching - Production	0

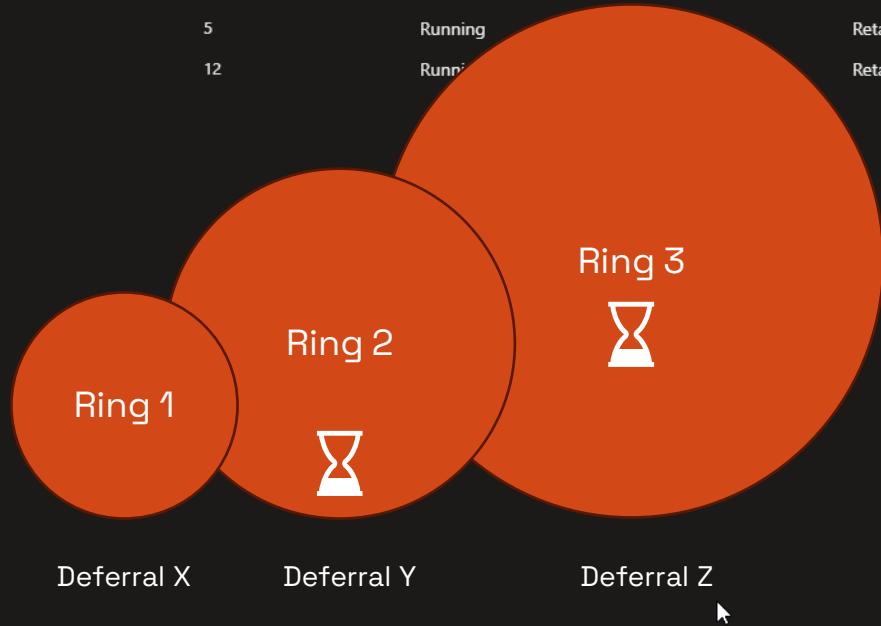
Policy

- Compliance policies
- Conditional access
- Configuration profiles
- Scripts
- Remediations
- Group Policy analytics

Update rings for Windows 10 and later

Feature updates for Windows 10 and later

Name	Feature deferral	Quality deferral	Feature	Quality	Servicing channel	Scope tags
WUP001 - Windows - Patching - Ring 1	0	1	Running	Running	Retail channel	Yes
WUP002 - Windows - Patching - Ring 2	0	5	Running	Running	Retail channel	Yes
WUP003 - Windows - Patching - Production	0	12	Running	Running	Retail channel	Yes



4. Updates and Patches



- Configure device features and settings
- Configure
 - Security baseline
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 - Protections and configurations

Microsoft Intune admin center

All services > Devices

Devices | Update rings for Windows 10 and later

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Policy

- Compliance policies
- Conditional access
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- Scripts
- Remediations
- Group Policy analytics

Update rings for Windows 10 and later

Feature updates for Windows 10 and later

4. Updates and Patches



- Configure device features and settings
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Microsoft Intune admin center

- Home
- Dashboard
- All services
- Devices**
- Apps
- Endpoint security
- Reports
- Users
- Groups
- Tenant administration
- Troubleshooting + support

All services > Devices



Devices | Feature updates for Windows 10 and later

Search

Policy

- Compliance policies
- Conditional access
- Configuration profiles
- Scripts
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- Group Policy analytics
- Update rings for Windows 10 and later
- Feature updates for Windows 10 and later**

+ Create profile ⏪ Refresh ⏴ Export ⏷ Columns

Name ↑	Feature update version
WFU001 - Windows10 - Ring 1	Windows 10, version 22H2
WFU002 - Windows10 - Ring 2	Windows 10, version 21H2
WFU003 - Windows10 - Production	Windows 10, version 22H2
WFU004 - Windows11 - Ring 1	Windows 11, version 22H2
WFU005 - Windows11 - Ring 2	Windows 11, version 22H2
WFU006 - Windows11 - Production	Windows 11, version 22H2

4. Updates and Patches



Configure device features and settings

- Configure
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Microsoft Intune admin center

All services > Devices

Devices | Feature updates for Windows 10 and later

Search

Create profile Refresh Export Columns

Name ↑	Feature update version
WFU001 - Windows10 - Ring 1	Windows 10, version 22H2
WFU002 - Windows10 - Ring 2	Windows 10, version 21H2
WFU003 - Windows10 - Production	Windows 10, version 22H2
WFU004 - Windows11 - Ring 1	Windows 11, version 22H2
WFU005 - Windows11 - Ring 2	Windows 11, version 22H2
WFU006 - Windows11 - Production	Windows 11, version 22H2

Devices | Feature updates for Windows 10 and later

Policy

- Compliance policies
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- Update rings for Windows 10 and later
- Feature updates for Windows 10 and later

Devices



4. Updates and Patches



Configure device features and settings
Configure
• Security baseline
• Access to organization resources
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Microsoft Intune admin center

All services > Devices

Devices | Feature updates for Windows 10 and later

Search

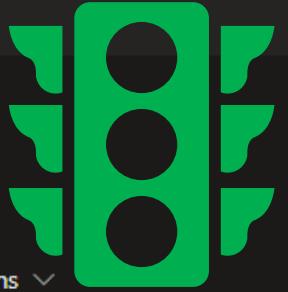
Create profile Refresh Export Columns

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WFU005 - Windows11 - Ring 2	Windows 11, version 22H2
WFU006 - Windows11 - Production	Windows 11, version 22H2

Home Dashboard All services Devices Apps Endpoint security Reports Users Groups Tenant administration Troubleshooting + support

Policy

- Compliance policies
- Conditional access
- Configuration profiles
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- Remediations
- Group Policy analytics
- Update rings for Windows 10 and later
- Feature updates for Windows 10 and later



4. Updates and Patches



- Configure device features and settings
- Configure
 - Security baseline
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 - Enhance
 - Protections and configurations

Microsoft Intune admin center

Home > Devices | Feature updates for Windows 10 and later > WFU004 - Windows11 - Ring 1 | Properties >

Edit feature update deployment

Feature update deployments

1 Deployment settings 2 Review + save

Enable Windows health monitoring and select Windows Update scope to get detailed device states and errors. [Learn more](#)

Name * WFU004 - Windows11 - Ring 1

Description 2023.09.26 - CloudWay template installed, Simon

Feature deployment settings

Feature update to deploy Windows 11, version 23H2

When a device isn't capable of running Windows 11, install the latest Windows 10 feature update

The 'Devices' menu item in the left sidebar and the 'Windows 11, version 23H2' dropdown are highlighted with red boxes.



4. Updates and Patches

Microsoft Intune admin center

Home > Devices | Feature updates for Windows 10 and later > WFU004 - Windows11 - Ring 1 | Properties >

Edit feature update deployment

Feature update deployments

1 Deployment settings

2 Review + save

 Enable Windows health monitoring and select Windows Update scope to get detailed device states and errors. [Learn more](#)

Name *

WFU004 - Windows11 - Ring 1

Description

2023.09.26 - CloudWay template installed, Simon

Feature deployment settings

Feature update to deploy

Windows 11, version 23H2

When a device isn't capable of running Windows 11, install the latest Windows 10 feature update

4. Updates and Patches



Configure device features and settings
Configure
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Microsoft Intune admin center [Home](#) > [Devices | Feature updates for Windows 10 and later](#) > [WFU004 - Windows11 - Ring 1 | Properties](#) >

Edit feature update deployment

Feature update deployments

**Gabe Frost**
@bytenerd

See that new check box option under the Win11 version (the red box)? That is brand new (blog soon) and does the eligibility check automatically. So devices eligible for 11 get what you target, and ineligible get the latest 10.

Devices

Apps

Endpoint security

Reports

Users

Groups

Tenant administration

Troubleshooting + support

Feature deployment settings

Feature update to deploy ⓘ

Windows 11, version 23H2

When a device isn't capable of running Windows 11, install the latest Windows 10 feature update

4. Updates and Patches



Configure device features and settings

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Microsoft Intune admin center [Home](#) > [Devices | Feature updates for Windows 10 and later](#) > [WFU004 - Windows11 - Ring 1 | Properties](#) >

Edit feature update deployment

Feature update deployments

 **Gabe Frost**
@bytenerd

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 **Gabe Frost** @bytenerd · Oct 31
...so when you're ready for Win11 (and you should be by now) you can just use one Win11 feature update deployment policy to get ALL your Win10 & Win11 devices on the latest version.

Feature update to deploy ⓘ Windows 11, version 23H2 Ⓜ

When a device isn't capable of running Windows 11, install the latest Windows 10 feature update

4. Updates and Patches



- Configure device features and settings
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Microsoft Intune admin center

All services > Devices

Devices | Driver updates for Windows 10 and later

Search Create profile Refresh Export Columns

Name ↑	Assigned	Approval method
WDU001 - Driver Update - Ring 1	✓ Yes	Automatic
WDU002 - Driver Update - Ring 2	✓ Yes	Automatic
WDU003 - Driver Update - Production	✓ Yes	Automatic
WDU004 - Driver Update - Manual Update	✓ Yes	Manual

Devices

- Compliance policies
- Conditional access
- Configuration profiles
- Scripts
- Remediations
- Group Policy analytics
- Update rings for Windows 10 and later
- Feature updates for Windows 10 and later
- Quality updates for Windows 10 and later
- Driver updates for Windows 10 and later**



4. Updates and Patches



Configure device features
and settings

- Configure
- Configuration baseline
- Access to organization resources

- Enhance
- Protections and configurations

Microsoft Intune admin center



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Home > Tenant admin



Tenant admin | Tenant enrollment



Search



Intune add-ons

End user experiences

Customization

Organizational messages

Custom notifications

Terms and conditions

Tenant administration

Troubleshooting + support

Windows Autopatch

Tenant enrollment

Microsoft Managed Desktop

Tenant enrollment

Help and support

Help and support

Windows Autopatch

Windows Autopatch is an automated patch management service for Windows 10/11 Pro & Enterprise, Windows 365 clients, Microsoft 365 apps, Microsoft Teams, Azure Virtual Desktop, and Microsoft Edge. Windows 10/11 Enterprise E3 (or higher) customers can enroll into this service after meeting the required prerequisites. [Learn more about our prerequisites](#). Windows Autopatch demos are available for all users regardless of prerequisites [here](#).

For technical information, [learn more about Microsoft Autopatch](#). If you're unfamiliar with Windows Autopatch, [learn more about the service generally](#).

To check eligibility, start with the readiness assessment tool

The readiness assessment tool checks certain details of your Intune and Microsoft Entra settings to ensure they're ready for the best experience when you enroll in Windows Autopatch. Run this tool whenever you want to confirm you've taken care of any reported issues.

We'll give you a list of things you need to do before enrolling in the tool. You must be signed in as at least Intune admin to run this tool. Some checks require additional permissions. [Learn more about these checks](#), permissions, and data

4. Updates and Patches



Configure device features and settings

- Configure
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Tenant enrollment

Help and support

Help and support

you've taken care of any reported issues.

We'll give you a list of things you need to do before enrolling in the tool. You must be signed in as at least Intune admin to run this tool. Some checks require additional permissions. [Learn more about these checks](#), permissions, and data storage. Once the tool shows you're ready, you can enroll your tenant into the service. You will not need to run the tool again. You must be a Global Administrator to enroll into the service.

This tool collects, assesses, and stores data in the service to perform the assessment. We do not collect or store personal data, nor share your data with other services. However, we do collect system metadata and organizational information to complete this assessment. We retain data for 12 months after you last use this tool to provide and improve the service. After 12 months, we retain it in de-identified form without company name. You can choose to delete the data we collect. [Learn more about the checks](#) and review the [privacy statement](#).



Select check box to allow Microsoft to assess and store results for the readiness assessment, and then select **Agree**.

Agree



4. Updates and Patches



Configure device features
and settings

- Configure
- Configuration baseline
- Access to organization resources

- Enhance
- Protections and configurations

admin@M365X73910067.O...
SIMON DOES (M365X73910067.O...)

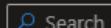
Microsoft Intune admin center



Home > Tenant admin



Tenant admin | Tenant enrollment



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Custom notifications

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Tenant enrollment

Help and support

Help and support

Results

Run checks

Export all

Delete all data

About this tool

This tool confirms that various Intune and Microsoft Entra settings are appropriate and meet prerequisites for Windows Autopatch. Learn more about Windows Autopatch

Readiness status

LAST REFRESHED 10/27/2023, 2:28:49 PM



Ready

Management settings



Ready
1

Not ready
0

Advisory
2

You are ready to enroll in Windows Autopatch, but you still have Advisory tasks. Review these before you set up your first device.

Select **Enroll** to start your enrollment process.

[View details](#)

Enroll



4. Updates and Patches



Configure device features
and settings

- Configure
- Security baseline
- Access to organization resources

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- Protections and configurations

Microsoft Intune admin center



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Home >

Windows Autopatch

- Create a Microsoft application that we use to run the Windows Autopatch service. [Learn more about Windows Autopatch enterprise applications](#)
- Create the policies, groups and scripts necessary to run the service. This involves excluding Windows Autopatch device groups, where applicable, for any of your existing policies that may cause conflicts. Windows Autopatch update policies must take precedence to avoid any conflicts. [Learn more about Changes made at tenant enrollment](#)
- Manage devices using Intune.
- Collect and share info on usage, status, and compliance for devices and apps.
- Collect and share Windows Diagnostic data on usage, status, and compliance for devices and apps. [Learn more about the data we collect](#)
- Store Windows Autopatch data securely in Azure data centers based on your data residency. [Learn more about Windows Autopatch data storage](#)



I give Microsoft permission to manage my Microsoft Entra organization on my behalf.

Revoking this access at any point terminates the service.



Agree



4. Updates and Patches



Configure device features
and settings

- Configure
- Security baseline
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- Protections and configurations

Microsoft Intune admin center



simon@skotheimsvik.no...
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Home >

Windows Autopatch

Autopatch Operations can work with to help you with issues that are outside the scope of your own IT operations.

We might have to contact this contact at any time, so choose contacts you're sure will be available. [Microsoft Privacy statement](#)

Primary Admin

Secondary Admin

Provide contact info for your organization's Windows Autopatch admin.

Phone number *

Email *

First Name *

Last Name *

Preferred Language *

Previous

Next



4. Updates and Patches



Configure device features
and settings

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Microsoft Intune admin center



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Home >

Windows Autopatch

- Home
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- Devices
- Apps
- Endpoint security
- Reports
- Users
- Groups
- Tenant administration
- Troubleshooting + support

Setting up Windows Autopatch

We're setting up policies and configuration for your tenant. This will take a few minutes.





4. Updates and Patches



Configure device features
and settings

- Configure
- Security baseline
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Microsoft Intune admin center



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Windows Autopatch

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Windows Autopatch setup is complete

Select **Continue** to start registering devices.

Continue



4. Updates and Patches



Configure device features
and settings

- Configure
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- Protections and configurations

Microsoft Intune admin center



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Home > Windows Autopatch >

Devices



Home

Dashboard

All services

Devices

Apps

Endpoint security

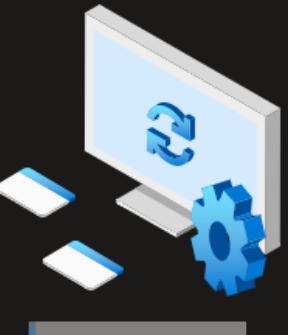
Reports

Users

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Troubleshooting + support

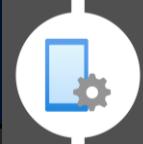


Autopatch groups set up is in progress

We're enabling Autopatch groups to manage in more detail how Windows Autopatch deploys updates. [Learn more about Autopatch groups](#).

This could take up to 30 minutes. If you run into any issues, [submit a support request ticket](#).

4. Updates and Patches



Configure device features
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Devices

Release management

By platform

Windows

iOS/iPadOS

macOS

Android

Chrome OS (preview)

Linux

Enrollment status

Enrollment alerts

Cloud PC performance (preview)

Intune enrolled devices

LAST UPDATED 10/27/23, 3:56 PM

Platform Devices

Windows	23
---------	----

iOS/iPadOS	8
------------	---

Android	5
---------	---

macOS	5
-------	---

Linux	0
-------	---

Windows Mobile	0
----------------	---

Total	41
-------	----

Preview upcoming changes to Devices and provide feedback. →



4. Updates and Patches



Configure device features
and settings

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By platform

Windows

iOS/iPadOS

macOS

Android

Chrome OS (preview)

Linux

Windows Autopatch: October 2023 (2023.10 B) Windows quality updates deployment summary



NO REPLY - WINDOWS AUTOPATCH <do_not_reply_windowsautopatch@microsoft.com>
To: sigve@skotheimsvik.no; sigve@skotheimsvik.no; simon@skotheimsvik.no; simon@skotheimsvik.no



Quality Update Summary

Windows Autopatch

As of 10/31/23 01:56 AM UTC, Windows Autopatch has successfully installed the October 2023 (2023.10 B) Windows quality update to 0% of your [devices that were ready](#) to receive updates between October 10, 2023 and October 31, 2023.

To track further progress, please review the [Windows Autopatch Quality Updates reports](#) available in the Microsoft Intune admin center. Please monitor Windows Autopatch communications on Microsoft Intune [Windows Autopatch Messages](#) for more information about known issues.

Platform	Count
Windows Mobile	0
Total	41

4. Updates and Patches

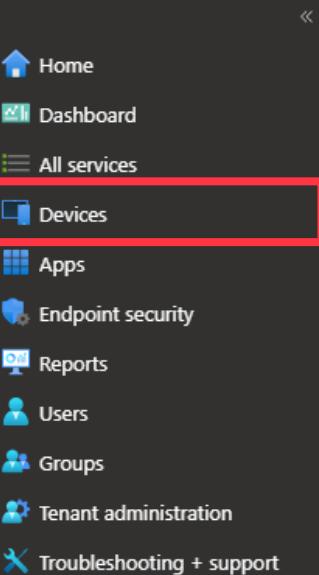


Configure device features and settings

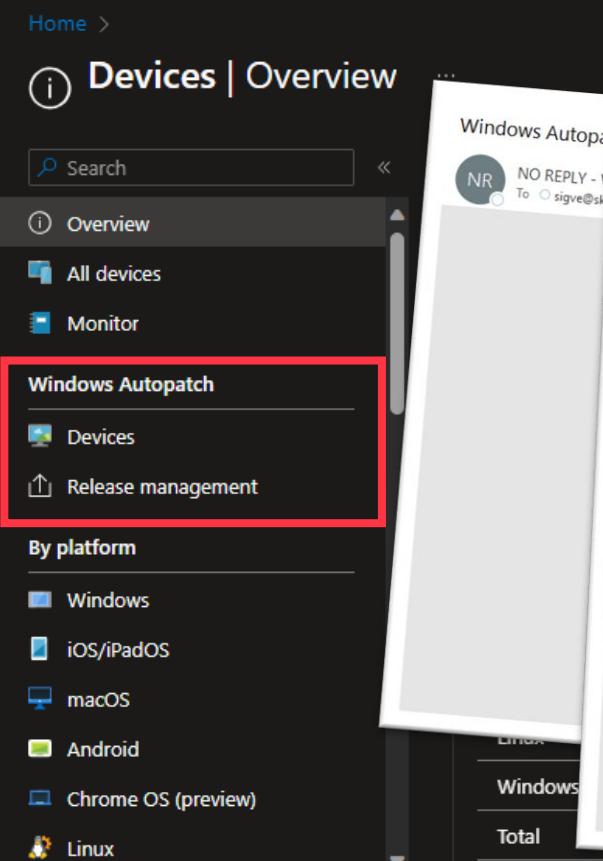
- Configure
 - Security baseline
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 - Protections and configurations

Microsoft Intune admin center



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Devices | Overview

Search

- Overview
- All devices
- Monitor

Windows Autopatch

- Devices**
- Release management

By platform

- Windows
- iOS/iPadOS
- macOS
- Android
- Chrome OS (preview)
- Linux

Planned Maintenance: Windows Autopatch Quality Update – [November 2023]

NR NO REPLY - WINDOWS AUTOPATCH <do_not_reply_windowsautopatch@microsoft.com>
To: sigve@skotheimsvik.no; sigve@skotheimsvik.no; simon@skotheimsvik.no; simon@skotheimsvik.no

[Reply](#) [Reply All](#) [Forward](#) [...](#)

Quality Update Schedule

Windows Autopatch

When will this happen

The November 2023 Windows quality update (2023.11 B) will be deployed on the following schedule to all Windows Autopatch devices:

Deployment Ring	First Deployment	Goal Completion Date
Test	November 14, 2023	November 14, 2023
Ring1	November 15, 2023	November 17, 2023
Ring2	November 20, 2023	November 22, 2023
Ring3	November 23, 2023	November 28, 2023
Last	November 25, 2023	November 28, 2023

To learn more about update rings and how to move devices between rings, refer to the Autopatch [Update Management documentation](#).

Reminder: The schedule above might be altered if deferral and/or deadlines are modified for any of the rings. Furthermore, all quality updates may be expedited, or delayed, based on Windows Autopatch health signals related to each release. Note that any service-driven changes to the quality updates deployment will be communicated via [Windows Autopatch communications](#).

How will this affect your organization

Your eligible Windows Autopatch devices will receive the quality updates per the above schedule.

What do you need to do to prepare

- If one or more deployment ring is missing in the above schedule, there is a policy error. Go to the [Windows Autopatch Release Management](#) blade in the Microsoft Intune admin center to remediate.
- Ensure your change management teams are informed of the quality update schedule. If you must pause or resume updates for any ring, visit [Windows Autopatch Release Management](#) in the Microsoft Endpoint Manager admin center.
- Remediate any ineligible devices. Refer to [Windows Autopatch Quality Updates reports](#) for customer-responsive deficit devices.

What to do in case of issues

For the latest status and device-level information on Windows quality update deployments, review the [Windows Autopatch Quality Updates reports](#) available in Microsoft Endpoint Manager. If you have any

4. Updates and Patches



Configure device features and settings

- Configure
- Security baseline
- Access to organization resources

- Enhance
- Protections and configurations

Microsoft Intune admin center

Home > Devices

Devices | Update policies for macOS

Search

- + Create profile
- ⟳ Refresh
- ⬇ Export
- Columns

2 items

Name	Schedule type	Time zone	Time windows
MUP001 - macOS - Ring1	Update at next check-in	N/A	N/A
MUP002 - macOS - Ring2	Update during scheduled time	UTC+2	1

Search

Add filter

Devices

Update policies for macOS

Update rings for Windows 10 and later

Feature updates for Windows 10 and later

Quality updates for Windows 10 and later

Driver updates for Windows 10 and later

Update policies for iOS/iPadOS

Update policies for macOS

Android FOTA deployments

Enrollment device limit restrictions

Enrollment device platform restrictions

eSIM cellular profiles (preview)

4. Updates and Patches



Configure device features and settings

- Configure
- Configuration baseline
- Access to organization resources

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Microsoft Intune admin center

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Devices | Update policies for macOS

Search

- Update rings for Windows 10 and later
- Feature updates for Windows 10 and later
- Quality updates for Windows 10 and later
- Driver updates for Windows 10 and later
- Update policies for iOS/iPadOS
- Update policies for macOS**
- Android FOTA deployments
- Enrollment device limit restrictions
- Enrollment device platform restrictions
- eSIM cellular profiles (preview)

MUP001 - macOS - Ring1 | Properties

MacOS software update

Search

Overview Basics Edit

Manage Name MUP001 - macOS - Ring1

Properties Description No Description

Update policy settings Edit

Critical updates	Install immediately
Firmware updates	Install immediately
Configuration file updates	Install immediately
All other updates (OS, built-in apps)	Install immediately
Schedule type	Update at next check-in

Assignments Edit

4. Updates and Patches



Configure device features and settings

- Configure
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Microsoft Intune admin center

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Devices | Update policies for macOS

Search

- Update rings for Windows 10 and later
- Feature updates for Windows 10 and later
- Quality updates for Windows 10 and later
- Driver updates for Windows 10 and later
- Update policies for iOS/iPadOS
- Update policies for macOS**
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- Enrollment device platform restrictions
- eSIM cellular profiles (preview)

MUP001 - macOS - Ring1 | Properties

MacOS software update

Search

Overview Basics Edit

Manage Name MUP001 - macOS - Ring1

Properties Description No Description

 CloudWay

EPOS Connect requires an update. Please close EPOS Connect, or click Postpone. You have 2 postponements remaining.

The app(s) will be closed in: 1:29:44

Close Programs **Postpone**

4. Updates and Patches



Configure device features and settings

- Configure
- Security baseline
- Access to organization resources

- Enhance
- Protections and configurations

Microsoft Intune admin center

Home > Apps | Monitor > Monitor

Monitor | Discovered apps

Search Refresh Export

Search by application name

Showing 1 to 20 of 4,958 records

Application name	Application version	Device count
22094SynapticsIncorporate.SmartAudio3		
25724LightIT.84085B5755BB		
3 Button Navigation Bar		
34791E63.CanonInkjetPrintUtility		
360 Reality Audio Settings		
360 Reality Audio System		
360° Bilderedigering		
4505Fortemedia.FMAPControl		
4DF9E0F8.Netflix		

< Previous Page 1 of 248 Next >



EPOS Connect requires an update. Please close EPOS Connect, or click Postpone. You have 2 postponements remaining.

The app(s) will be closed in:
1:29:44

[Close Programs](#) [Postpone](#)

4. Updates and Patches



Configure device features and settings

- Configure
 - Security baseline
 - Access to organization resources

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 - Protections and configurations

Home > Apps | Monitor > Monitor

Monitor | Discovered apps

Search Refresh Export

App licenses Discovered apps

adobe acrobat

Showing 1 to 18 of 18 records

Application name	Application version	Device count
Adobe Acrobat	23.006.20320	2
Adobe Acrobat	23.006.20360	14
Adobe Acrobat	23.003.20284	1
Adobe Acrobat	23.003.20269	1
Adobe Acrobat (64-bit)	23.006.20360	59
Adobe Acrobat (64-bit)	23.003.20284	29
Adobe Acrobat (64-bit)	23.003.20215	1
Adobe Acrobat (64-bit)	22.003.20282	1
Adobe Acrobat (64-bit)	23.006.20320	1
Adobe Acrobat (64-bit)	23.001.20174	1
Adobe Acrobat (64-bit)	23.001.20093	1

 CloudWay

EPOS Connect requires an update. Please close EPOS Connect, or click Postpone. You have 2 postponements remaining.

The app(s) will be closed in:
1:29:44

[Close Programs](#) [Postpone](#)

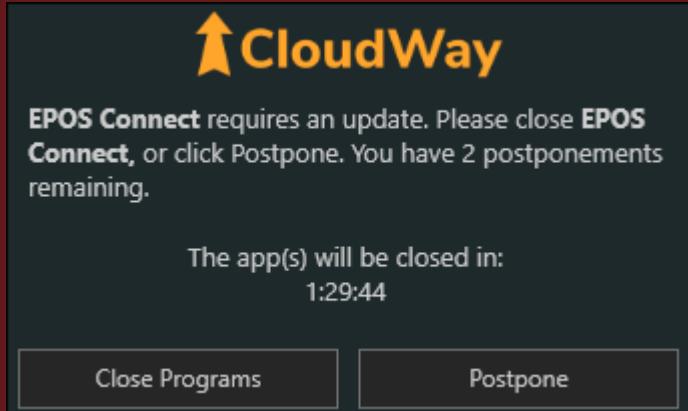
4. Updates and Patches



Configure device features
and settings

- Configure
 - Security baseline
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CloudWay

EPOS Connect requires an update. Please close **EPOS Connect**, or click Postpone. You have 2 postponements remaining.

The app(s) will be closed in:
1:29:44

Close Programs **Postpone**

4. Updates and Patches



Configure device features
and settings

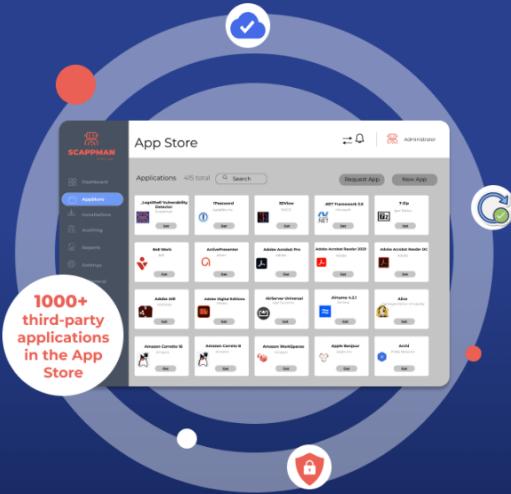
- Configure
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Automate your application installations and updates in Microsoft Intune

A 100%-cloud solution that automatically installs all the necessary updates for your applications



EPOS Connect requires an update. Please close EPOS Connect, or click Postpone. You have 2 postponements remaining.

The app(s) will be closed in:
1:29:44

Close Programs

Postpone



Set up Intune

Add, configure, and protect apps

Use compliance and Conditional Access

Configure device features and settings



Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot



Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot

3

Know your devices

Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them



3. Know your devices



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365X/39100b...
SIMON DOES (M365X73910067.O...)

Simon Does ...

Home

Dashboard

All services

Devices

Apps

Endpoint security

Reports

Users

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Troubleshooting + support

Welcome to the fresh look for Intune

Explore the updated homepage. Inside is still the familiar unified management solution for all your endpoints.

Give us your feedback

Status

Devices not in compliance

0

Connector errors

0

Configuration policies with error or conflict

0

Service health

Healthy

Client app install failure

0

Account status

Active



3. Know your devices



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365X7391006...
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Home > Devices

Devices | Enrollment device platform restrictions

Search

- Update policies for macOS
- Android FOTA deployments
- Enrollment device limit restrictions
- Enrollment device platform restrictions** (highlighted with a green box)
- eSIM cellular profiles (preview)
- Policy sets

Other

- Device clean-up rules
- Device categories
- Filters

Help and support

- Help and support

Windows restrictions

Android restrictions

macOS restrictions

iOS restrictions

+ Create restriction

A device must comply with the highest priority enrollment restrictions assigned to its user. You can drag a device restriction to change its priority. Default restrictions are lowest priority for all users and govern userless enrollments. Default restrictions may be edited, but not deleted. [Learn more.](#)

Device type restrictions

Define which platforms, versions, and management types can enroll.

Priority	Name	Assigned
Default	All Users	Yes



3. Know your devices



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



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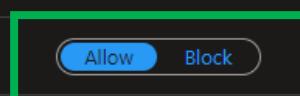
Home > Devices | Enrollment device platform restrictions > All Users | Properties >

Edit restriction

Device type restriction

Specify the platform configuration restrictions that must be met for a device to enroll. Use compliance policies to restrict devices after enrollment. Define versions as major.minor.build. Version restrictions only apply to devices enrolled with the Company Portal. Intune classifies devices as personally-owned by default. Additional action is required to classify devices as corporate-owned. [Learn more](#).

Type	Platform	versions	Personally owned	Device manufacturer
Android Enterprise (work profile)	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Manufacturer name
Android device administrator	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Manufacturer name
iOS/iPadOS	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Restriction not supported
macOS	Allow Block	Restriction not supported	Allow Block	Restriction not supported
Windows (MDM) ⓘ	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Restriction not supported



Review + save

Cancel



3. Know your devices



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

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 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



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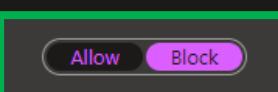
Home > Devices | Enrollment device platform restrictions > All Users | Properties >

Edit restriction

Device type restriction

Specify the platform configuration restrictions that must be met for a device to enroll. Use compliance policies to restrict devices after enrollment. Define versions as major.minor.build. Version restrictions only apply to devices enrolled with the Company Portal. Intune classifies devices as personally-owned by default. Additional action is required to classify devices as corporate-owned. [Learn more](#).

Type	Platform	versions	Personally owned	Device manufacturer
Android Enterprise (work profile)	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Manufacturer name
Android device administrator	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Manufacturer name
iOS/iPadOS	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Restriction not supported
macOS	Allow Block	Restriction not supported	Allow Block	Restriction not supported
Windows (MDM) ⓘ	Allow Block	Allow min/max range: <input type="button" value="Min"/> <input type="button" value="Max"/>	Allow Block	Restriction not supported



[Review + save](#) [Cancel](#)



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- Tenant administration
- Troubleshooting + support

3. Know your devices

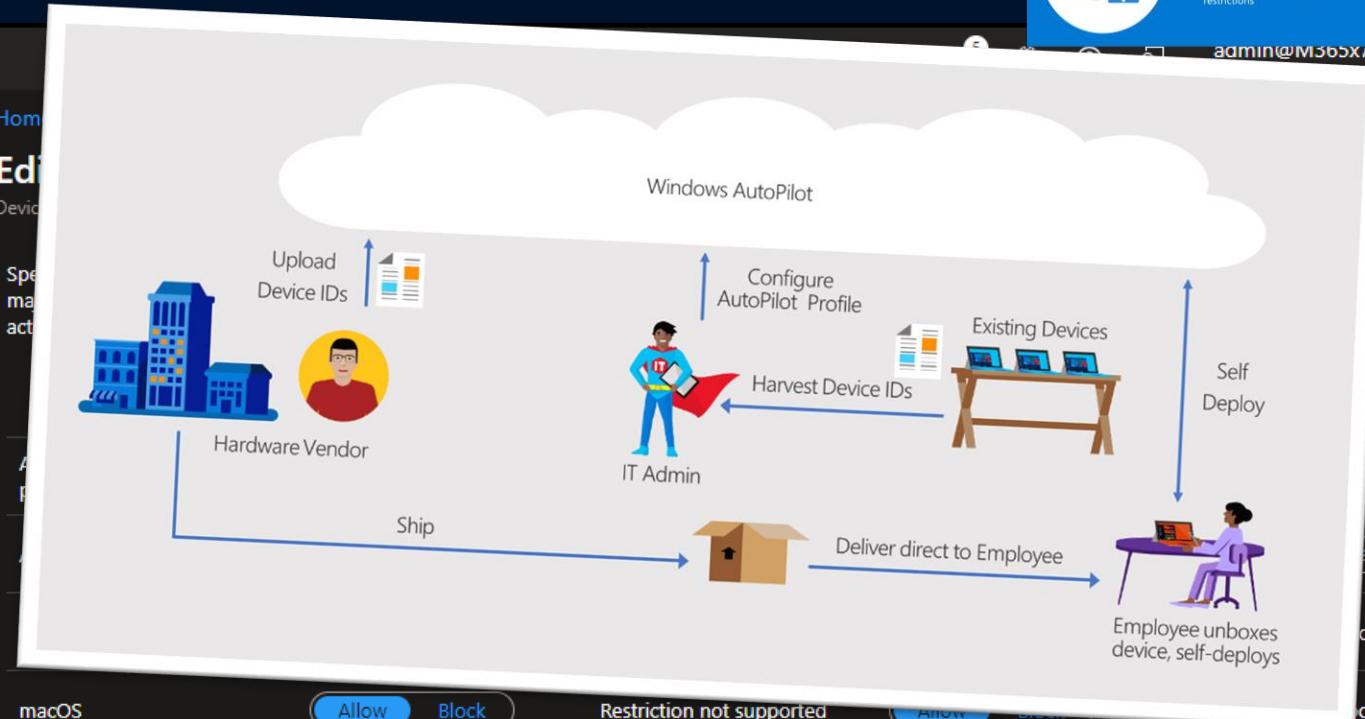


Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

admin@M1605X/59100b...
910067.0...



macOS

Allow Block

Restriction not supported

Windows (MDM) ⓘ

Allow Block

Allow min/max range:

Min

Max

Allow Block

Restriction not supported

Review + save

Cancel

3. Know your devices



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

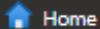
Microsoft Intune admin center

<

Home >

Devices | Overview

...



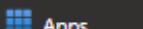
Home



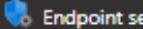
Dashboard



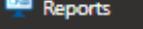
All services



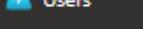
Devices



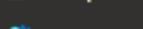
Apps



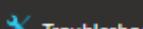
Endpoint security



Reports



Users



Groups



Tenant administration



Troubleshooting + support

Search

Overview

All devices

Monitor

Windows Autopatch

Devices

Release management

By platform

Windows

iOS/iPadOS

macOS

Android

Chrome OS (preview)

Linux

Preview upcoming changes to Devices and provide feedback. →

Enrollment status

Enrollment alerts

Cloud PC performance (preview)

Compliance status

Configuration

Intune enrolled devices

LAST UPDATED 10/27/23, 11:28 AM

Platform	Devices
----------	---------

Windows	23
---------	----

iOS/iPadOS	8
------------	---

Android	5
---------	---

macOS	5
-------	---

Linux	0
-------	---

Windows Mobile	0
----------------	---

Total	41
-------	----

Enrollment failures by OS

100

80

60

40

20

0

October

Oct 8

Oct 15





Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot

2

No Local Admin Rights

Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them



2. No Local Admin Rights



The interface shows a blue header with the text "Enroll your devices". Below the header are two sections: "Configure" and "Use". The "Configure" section contains a bulleted list: "Devices for enrollment" and "Enrollment policies and restrictions". The "Use" section contains a bulleted list: "Enrollment profiles" and "Windows Autopilot". In the center of the interface is a white circle containing a blue smartphone icon with a green plus sign on its screen.

“If I don’t have admin rights, I can’t fix my computer”

2. No Local Admin Rights



“If I don’t have admin rights, I can’t fix my computer”

If you don't have admin rights,
you can't break your computer!

2. No Local Admin Rights



"If I don't have admin rights, I can't fix my computer"

If you don't have admin rights,
you can't break your computer!

From: "Bank" <payment@epayment.com>
Subject: Re: new payment on your account
Date: March 24, 2014 10:39:01 AM MDT
Reply-To: <bankwiretransferdepartment@gmail.com>

Please find attached bank slip for new payment on your account.

Regards,

Account Department.

 ZIP

new payment.zip

2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

"If I don't have admin rights, I can't fix my computer"

If you don't have admin rights, you can't break your computer!

From: "Bank" <payment@epayment.com>
Subject: Re: new payment on your account
Date: March 24, 2014 10:39:01 AM MDT
Reply-To: <bankwiretransferdepartment@gmail.com>

Please find attached bank slip for new payment on your account.

Regards,

Account Department.



new payment.zip

Do you want to allow this app from an unknown publisher to make changes to your device?

7z2301-x64.exe

Publisher: Unknown

File origin: Hard drive on this computer

[Show more details](#)

To continue, enter an admin username and password.

Email address

Password

Yes

No

2. No Local Admin Rights



Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot

If you don't have admin rights,
you can't break your computer!

75% 60%

less Helpdesk tickets

less reinstallations

2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Principle of Least Privilege

- In Windows there is no security if you logon as an admin
- The security subsystem was not built to withstand the use of admin rights
- With "No-Admin" approach
 - We get better performance
 - We get less tickets
 - We get less reinstallation
 - We get more productive users!
 - We get less malware
 - We get to be lazier as admins!

7

less

%

tallations

2. No Local Admin Rights



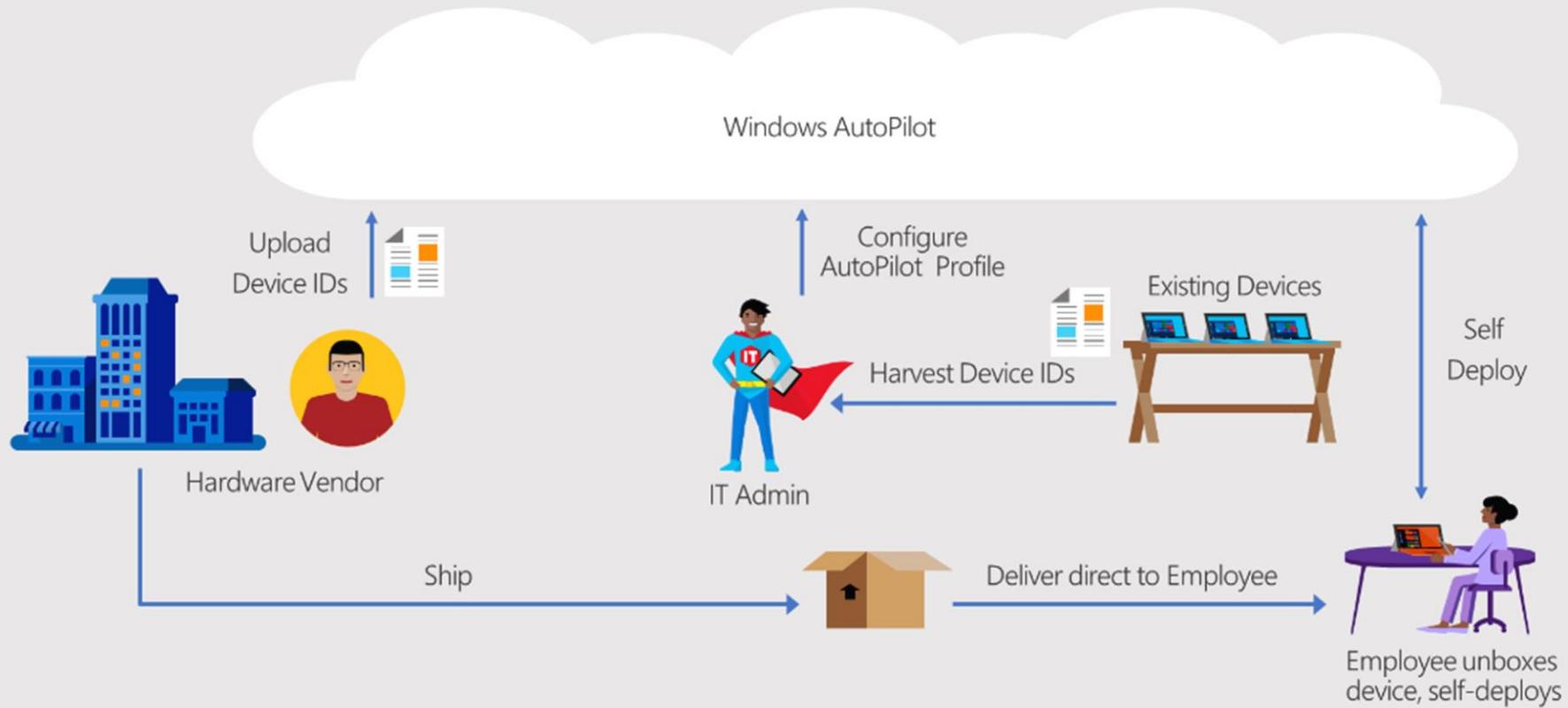
Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows AutoPilot



2. No Local Admin Rights



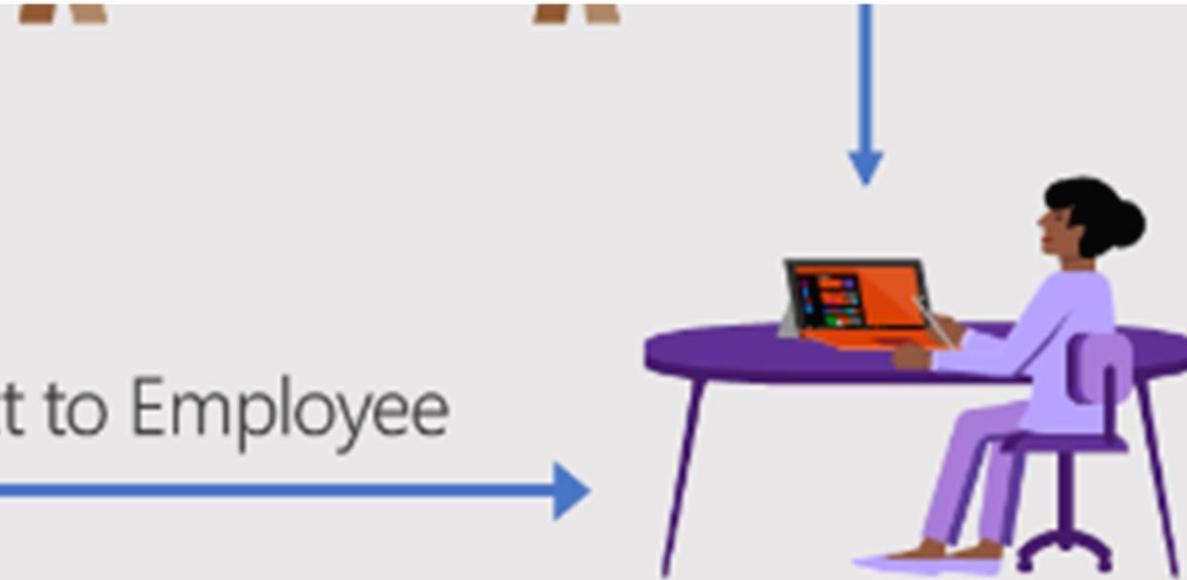
Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot



Employee unboxes device, self-deploys

2. No Local Admin Rights



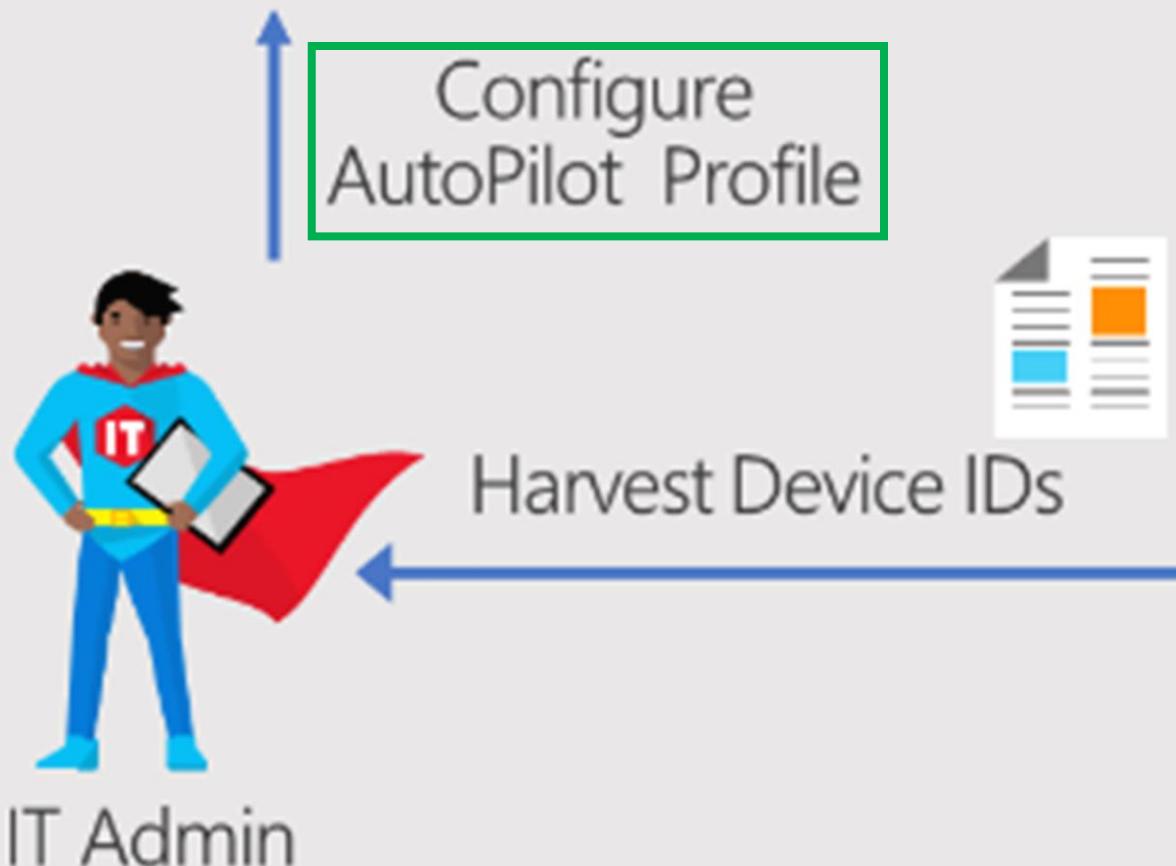
Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot





2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365x7391006...
SIMON DOES (M365X73910067.O...)

Home > Devices | Enroll devices >

Enroll devices | Windows enrollment

- Home
 - Dashboard
 - All services
 - Devices**
 - Apps
 - Endpoint security
 - Reports
 - Users
 - Groups
 - Tenant administration
 - Troubleshooting + support
- Search
- Windows enrollment**
- Apple enrollment
 - Android enrollment
 - Enrollment device limit restrictions
 - Enrollment device platform restrictions
 - Corporate device identifiers
 - Device enrollment managers

Co-management Settings
Configure co-management settings for Configuration Manager integration

Windows Autopilot Deployment Program

 **Deployment Profiles**
Customize the Windows Autopilot provisioning experience.

 **Devices**
Manage Windows Autopilot devices.

 **Intune Connector for Active Directory**
Configure Microsoft Entra hybrid joined devices



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center

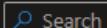


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SIMON DOES (M365X73910067.O...)

Home > Devices | Enroll devices > Enroll devices | Windows enrollment > Windows Autopilot deployment profiles > Autopilot Profile

Autopilot Profile | Properties

Windows PC



Search

Basics Edit

Overview

Manage

Properties

Assigned devices

Name	Autopilot Profile
Description	No Description
Convert all targeted devices to Autopilot	No
Device type	Windows PC

Out-of-box experience (OOBE) Edit

Deployment mode	User-Driven
Join to Microsoft Entra ID as	Microsoft Entra joined
Language (Region)	Operating system default
Automatically configure keyboard	No
Microsoft Software License Terms	Hide
Privacy settings	Hide
Hide change account options	Show
User account type	Standard
Allow pre-provisioned deployment	No
Apply device name template	No

2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Company Portal

Apps

Sort by: Name ascending

Search for apps

Home

Apps

App categories

Downloads & updates

Devices

Help & support

My profile

Settings

Dell Display Manager 1	DisplayLink	EPOS Connect for Windows	Foxit Reader	GitHub Desktop Machine-Wide...	Google Chrome (x64)	Greenshot	Intune Debug Toolkit (MSI-x64)	Jabra Direct with Jabra Xpress
Dell, Inc.	DisplayLink Corp.	Epos	Installed	Installed	Google, Inc.	Greenshot	MEndpointMgr	Installed
NEW Logi Bolt (EXE-x64) Logitech	NEW Logi Options+ Offline (EXE-x64) Logitech	NEW Logi Tune Logitech	NEW Logitech Options (x64) Logitech	NEW Logitech Unifying Software (EXE) Logitech	NEW M365 Project CloudWay	NEW M365 Visio CloudWay	BETA Microsoft Edge Beta Microsoft	
DEV Microsoft Edge Dev Channel Microsoft	Release Microsoft Edge Release Installed	NEW Microsoft Visual Studio Code (x64) Microsoft Corporation	Microsoft Whiteboard Microsoft Corporation	NEW Mozilla Firefox (x64 en-US) Mozilla	N Netflix Netflix, Inc.	Notepad++ (x64) Notepad++ Team	OBS Studio (x64) OBS Project	Paint.NET (x64) dotPDN LLC
Postman (User-x64) Postman	PowerShell Core (x64) Microsoft Corporation	PuTTY (x64) Simon Fatham	PuTTY (x64) Simon Fatham	SCAPP MAN_EPOS Connect CloudWay	SCAPP MAN_HP Support Assistant CloudWay	SCAPP MAN_WinSCP CloudWay	Snagit 2020 (x64) - EXE Install TechSmith Corporation	Snagit 2021 (x64) - EXE Install TechSmith Corporation

2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Entra admin center



Search resources, services, and docs (G+/)

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Home

Favorites

Identity

Overview

Users

Groups

Devices

Overview

All devices

BitLocker keys

Applications

Learn & support

Home > Devices



Devices | Device settings

Simon Does - Microsoft Entra ID

Overview

All devices

Manage

Device settings

Enterprise State Roaming

BitLocker keys (Preview)

Local administrator password recovery

Activity

Audit logs

Bulk operation results (Preview)

Troubleshooting + Support

New support request

Diagnose and solve problems

Save Discard Got feedback?

50

Local administrator settings

Manage Additional local administrators on all Microsoft Entra joined devices

Enable Microsoft Entra Local Administrator Password Solution (LAPS) (i)

Other settings

Restrict users from recovering the BitLocker key(s) for their owned devices (i)



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

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 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center

7
?



Home



Dashboard



All services



Devices



Apps



Endpoint security



Reports



Users



Groups



Tenant administration



Troubleshooting + support

Home > Devices | Windows > Windows | Scripts > WPS001 - Windows LAPS Account

WPS001 - Windows LAPS Account | Properties

Windows 10 and later



Search

«

Name

WPS001 - Windows LAPS Account

Description

2023.09.26 - CloudWay template installed, Simon

Manage

Properties

Monitor

Device status

User status

Script settings [Edit](#)

PowerShell script

Create-LocalAdminLAPS.ps1

Run this script using the logged on credentials

No

Enforce script signature check

No

Run script in 64 bit PowerShell Host

Yes

Scope tags [Edit](#)

Default

Assignments [Edit](#)

Included groups

AZ-Device-Intune-All Windows 10 Devices

AZ-Device-Intune-All Windows 11 Devices

Excluded groups

No Excluded groups

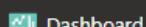
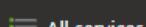
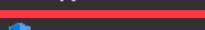
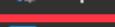
2. No Local Admin Rights



Enroll your devices

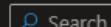
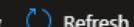
- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

 Home Dashboard All services Devices Apps Endpoint security Reports Users Groups Tenant administration Troubleshooting + support

Home > Endpoint security

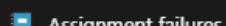
Endpoint security | Account protection

 Search Create Policy Refresh Export Search by profile name

Policy name	Policy type	Assigned
WESP501 - ACP - Windows Hello for Business	Account protection (Preview)	Yes
WESP502 - ACP - Windows LAPS	Local admin password solution (Windows LAPS)	Yes
WESP503 - ACP - Local Administrators	Local user group membership	Yes

 Account protection Device compliance Conditional access

Monitor

 Assignment failures

Setup

 Microsoft Defender for Endpoint



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365x7391006...
SIMON DOES (M365X73910067.O...)

- Home
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- Endpoint security
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- Users
- Groups
- Tenant administration
- Troubleshooting + support

Home > Endpoint security | Account protection > WESP502 - ACP - Windows LAPS >

Edit profile - WESP502 - ACP - Windows LAPS

Settings catalog

LAPS

Backup Directory ⓘ	Backup the password to Azure AD only
Password Age Days ⓘ	<input checked="" type="checkbox"/> Configured 7
Administrator Account Name ⓘ	<input checked="" type="checkbox"/> Configured SSLocalAdmin
Password Complexity ⓘ	Large letters + small letters + numbers + special characters
Password Length ⓘ	<input checked="" type="checkbox"/> Configured 21
Post Authentication Actions ⓘ	Reset the password and logoff the managed account: upon expiry of...
Post Authentication Reset Delay ⓘ	<input checked="" type="checkbox"/> Configured 2

Review + save

Cancel

2. No Local Admin Rights



Enroll your devices

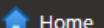
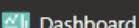
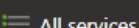
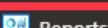
- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365x7391006...
SIMON DOES (M365X73910067.O...)

 Home Dashboard All services Devices Apps Endpoint security Reports Users Groups Tenant administration Troubleshooting + support

Home > Endpoint security | Account protection > WESP502 - ACP - Windows LAPS >

Edit profile - WESP502 - ACP - Windows LAPS

Settings catalog

LAPS

Backup Directory ⓘ

Backup the password to Azure AD only

Password Age Days ⓘ

Configured

7

Administrator Account Name ⓘ

Configured

SSLocalAdmin

Password Complexity ⓘ

Large letters + small letters + numbers + special characters

Password Length ⓘ

Configured

21

Post Authentication Actions ⓘ

Reset the password and logoff the managed account: upon expiry of...

Post Authentication Reset Delay ⓘ

Configured

2

 Review + save Cancel



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365x7391006...
SIMON DOES (M365X73910067.O...)

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- Groups
- Tenant administration
- Troubleshooting + support

Home > Endpoint security | Account protection > WESP502 - ACP - Windows LAPS >

Edit profile - WESP502 - ACP - Windows LAPS

Settings catalog

^ LAPS

Backup Directory ⓘ

Backup the password to Azure AD only

Password Age Days ⓘ

Configured

*

7

Administrator Account Name ⓘ

Configured

SSLocalAdmin

Password Complexity ⓘ

Large letters + small letters + numbers + special characters

Password Length ⓘ

Configured

*

21

Post Authentication Actions ⓘ

Reset the password and logoff the managed account: upon expiry of ...

Post Authentication Reset Delay ⓘ

Configured

*

2

Review + save

Cancel



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center

6
?

admin@M365x7391006...
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Home > Endpoint security | Account protection > WESP502 - ACP - Windows LAPS >

Edit profile - WESP502 - ACP - Windows LAPS

Settings catalog

LAPS

Backup Directory ⓘ

Backup the password to Azure AD only

Password Age Days ⓘ

Configured

*

7

Administrator Account Name ⓘ

Configured

SSLocalAdmin

Password Complexity ⓘ

Large letters + small letters + numbers + special characters

Password Length ⓘ

Configured

*

21

Post Authentication Actions ⓘ

Reset the password and logoff the managed account: upon expiry of ...

Post Authentication Reset Delay ⓘ

Configured

*

2

Review + save

Cancel



2. No Local Admin Rights



Enroll your devices

- Configure
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 - Enrollment profiles
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Microsoft Intune admin center



admin@M365x7391006...
SIMON DOES (M365X73910067.O...)

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Home > Endpoint security

Endpoint security | Account protection

Search

Create Policy

Refresh

Export

Search by profile name

Policy name	Policy type	Assigned
WESP501 - ACP - Windows Hello for Business	Account protection (Preview)	Yes
WESP502 - ACP - Windows LAPS	Local admin password solution (Windows LAPS)	Yes
WESP503 - ACP - Local Administrators	Local user group membership	Yes

Account protection

Device compliance

Conditional access

Monitor

Assignment failures

Setup

Microsoft Defender for Endpoint



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365X/391006...
SIMON DOES (M365X73910067.O...)

Home > Endpoint security | Account protection > WESP503 - ACP - Local

Edit profile - WESP503 - ACP - Local

Settings catalog

1 Configuration settings

2 Review + save

Local Users And Groups

+ Add Delete

Local group

Group and user action

Administrators

Add (Replace)

Add users

Add users to be managed as part of select local groups. Enter one or more user identifiers as they appear on the device. You can use the following formats:

- Username
- Domain\username
- SID (security identifier)

Invalid identifiers will not be applied to policy. Click to learn more about troubleshooting invalid entries.

Delete Sort Export

SSLocalAdmin

S-1-12-1-158575896-1174998709-2722327981-3318271026

S-1-12-1-424057452-1234611653-408369830-3020408508

Administrator

Review + save

Cancel

OK



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



admin@M365X/39100b...
SIMON DOES (M365X73910067.O...)



... > Windows | Configuration profiles > WDCP019 - OS - Disable Local Administrator >

Edit profile - WDCP019 - OS - Disable Local Administrator

Settings catalog

① Configuration settings

② Review + save

+ Add settings ⓘ

^ Local Policies Security Options

Remove category

ⓘ 48 of 50 settings in this category are not configured

Accounts Enable Administrator Account Disable
Status ⓘ

Accounts Rename Administrator Account ⓘ

Review + save Cancel



2. No Local Admin Rights



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

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 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



- Home
- Dashboard
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- Devices**
- Apps
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- Reports
- Users
- Groups
- Tenant administration
- Troubleshooting + support

Home > Devices | Windows > Windows | Windows devices > CLOUDWAY-875

CLOUDWAY-875 | Local admin password

Search

Refresh

Got feedback?

Learn more about Local Administrator Password Solution

Local administrator password	Last password rotation
Show local administrator password	10/23/2023,

Local administrator password

Account name

Security ID

S-1-5-21-2995564115-2958326359-3012837770-500

Local administrator password

***** Show

Last password rotation

10/23/2023, 12:09:13 PM

Next password rotation

10/30/2023, 11:09:13 AM



2. No Local Admin Rights



Enroll your devices

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 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



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SIMON DOES (M365X73910067.O...)

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Home > Endpoint security

Endpoint security | Endpoint Privilege Management

Search

Reports Policies

Endpoint Privilege Management is now generally available. To use this add-on, your Global or Billing Administrator can start a trial or buy licenses.

+ Create Policy ⏪ Refresh ⏴ Export

Search by profile name

Policy name ↑ ↓ Policy type ↑ ↓ Assigned ↑ ↓ Platform ↑ ↓ Target

No results

Endpoint Privilege Management

Endpoint detection and response

App Control for Business (Preview)



2. No Local Admin Rights



Enroll your devices

- Configure
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 - Enrollment profiles
 - Windows Autopilot

Microsoft Intune admin center



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SIMON DOES (M365X73910067.O...)



Home > Endpoint security



Endpoint security | Endpoint Privilege Management



Capability	Standalone add-on	Intune Plan 2	Intune Suite
Advanced endpoint analytics			
Endpoint Privilege Management	✓	✓	✓
Firmware-over-the-air update	✓		✓
Microsoft Tunnel for Mobile Application Management		✓	✓
Remote help		✓	✓
Specialized devices management	✓		✓



Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

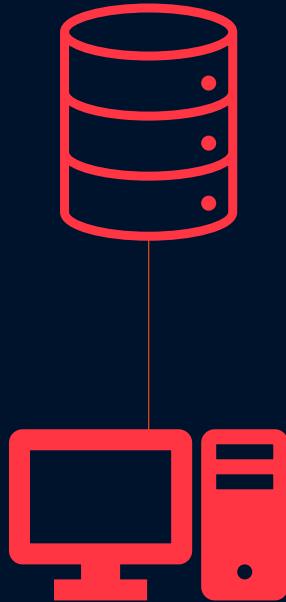
Use

- Enrollment profiles
- Windows Autopilot

1 Hybrid

Unmasking 10 Frequent Intune Mistakes
and How to Prevent Them

1. Hybrid



Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot

1. Hybrid



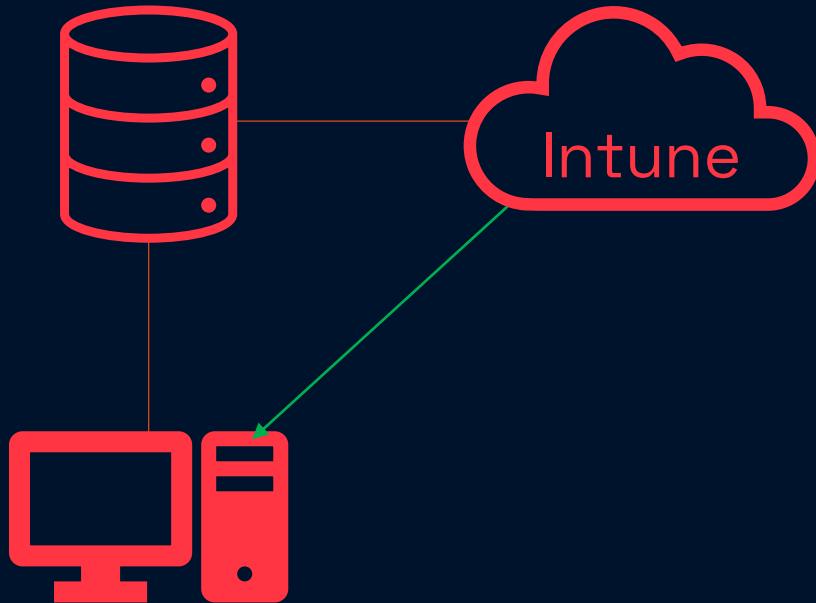
Enroll your devices

Configure

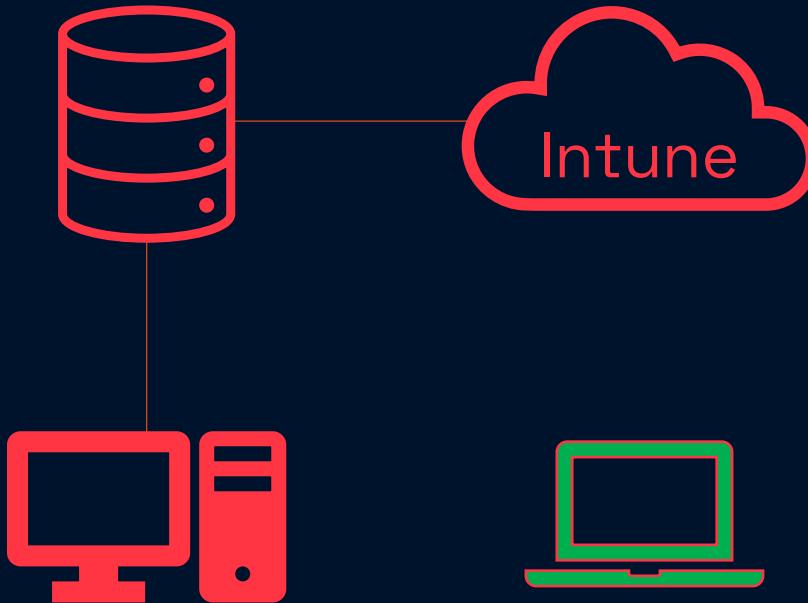
- Devices for enrollment
- Enrollment policies and restrictions

Use

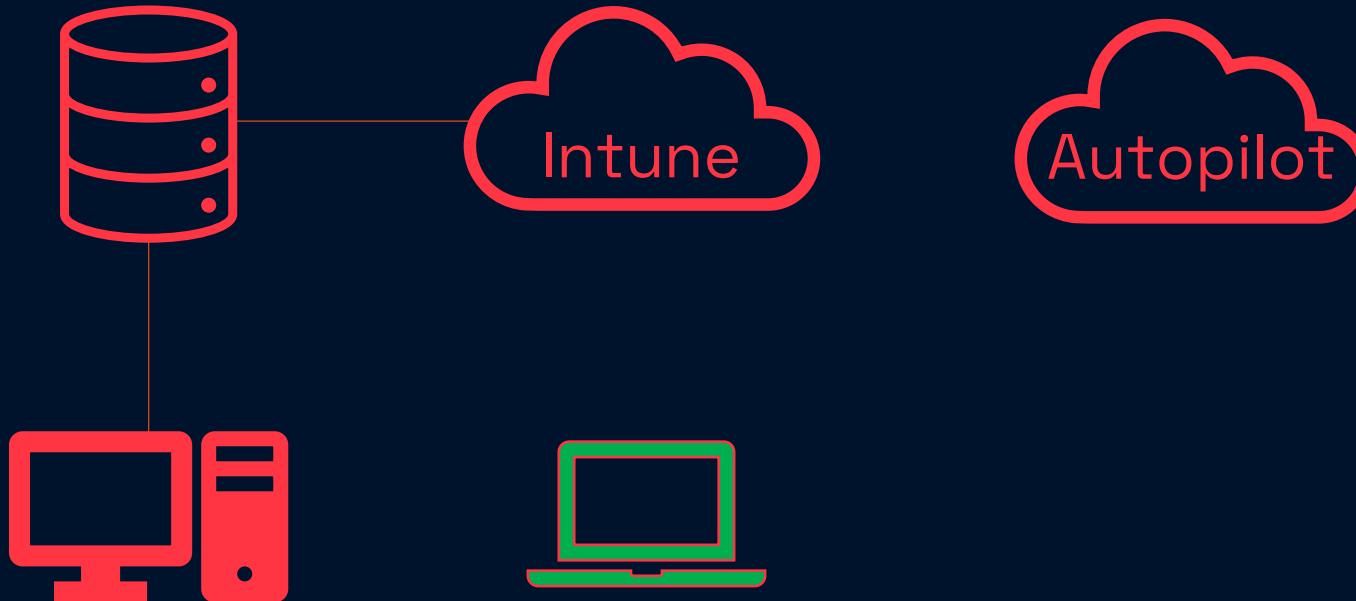
- Enrollment profiles
- Windows Autopilot



1. Hybrid



1. Hybrid



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot

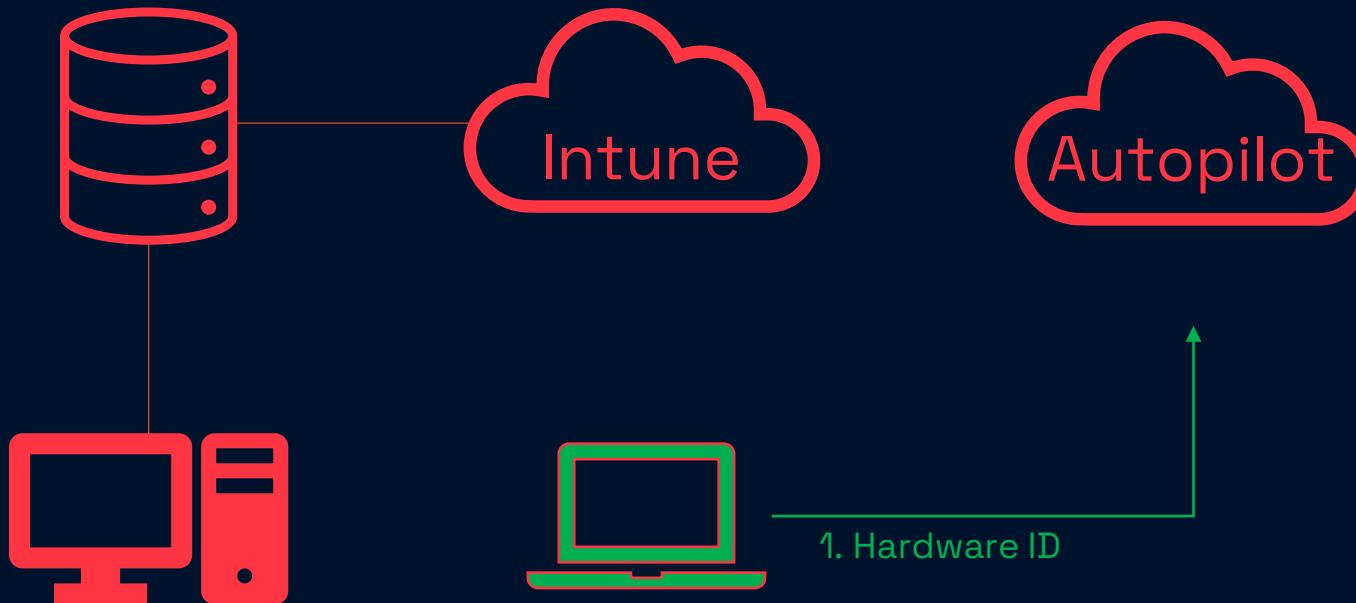
1. Hybrid



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot



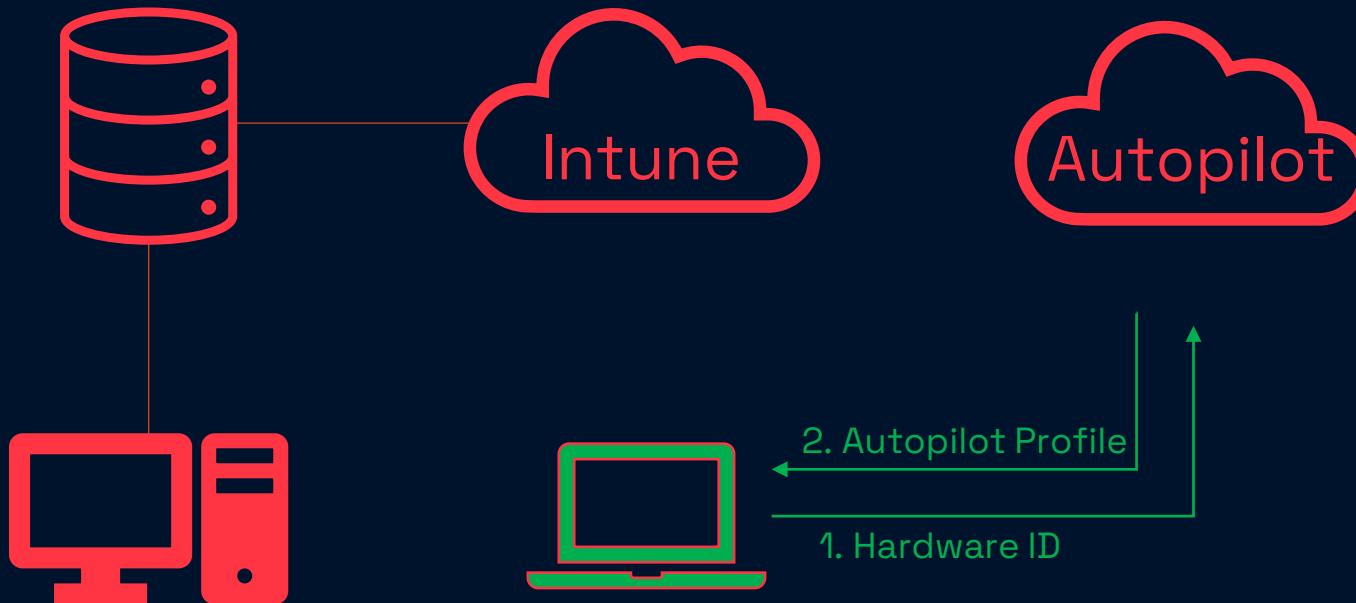
1. Hybrid



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot



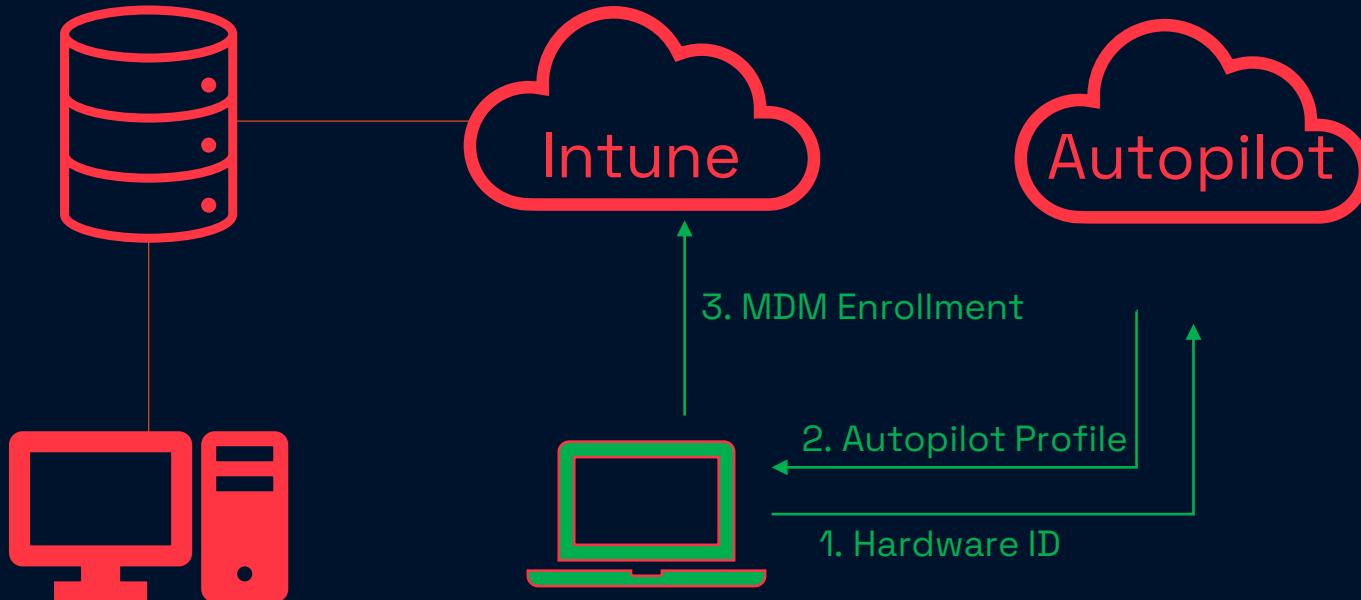
1. Hybrid



Enroll your devices

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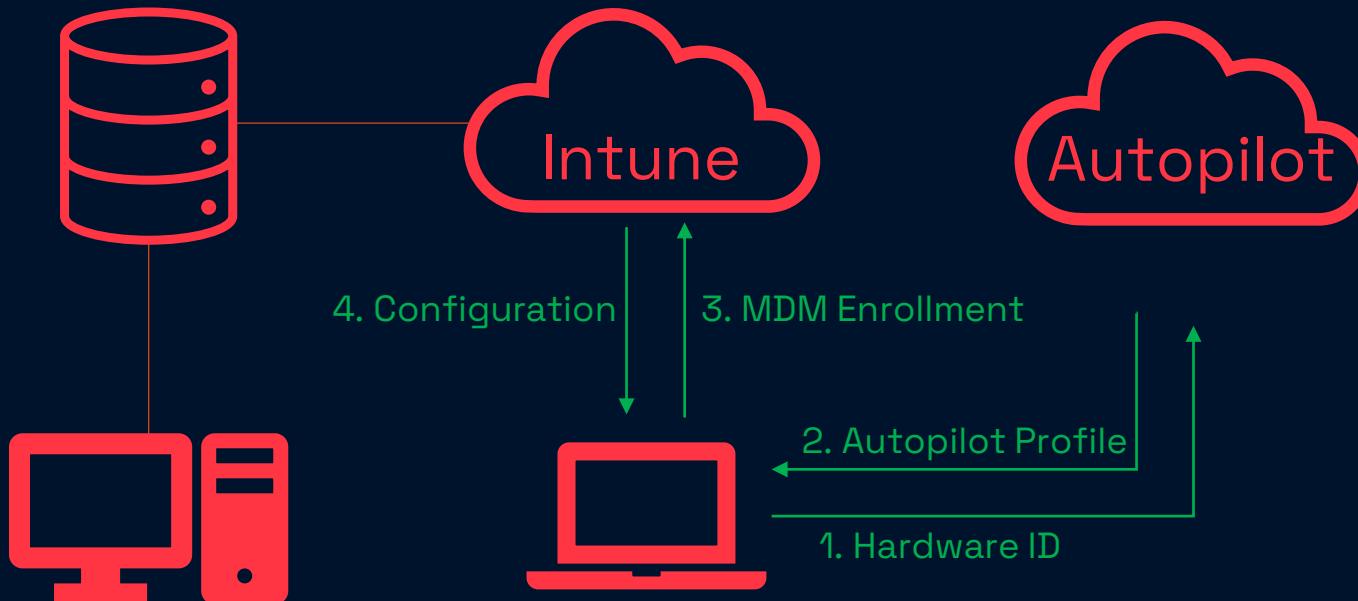
1. Hybrid



Enroll your devices

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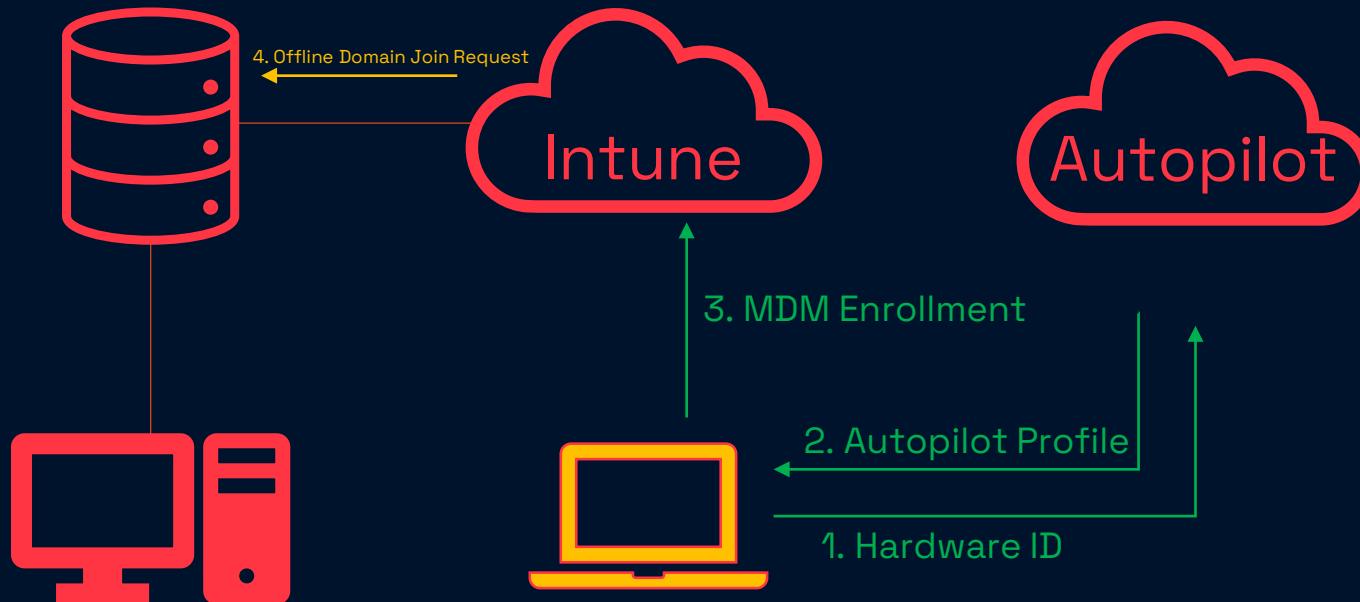
1. Hybrid



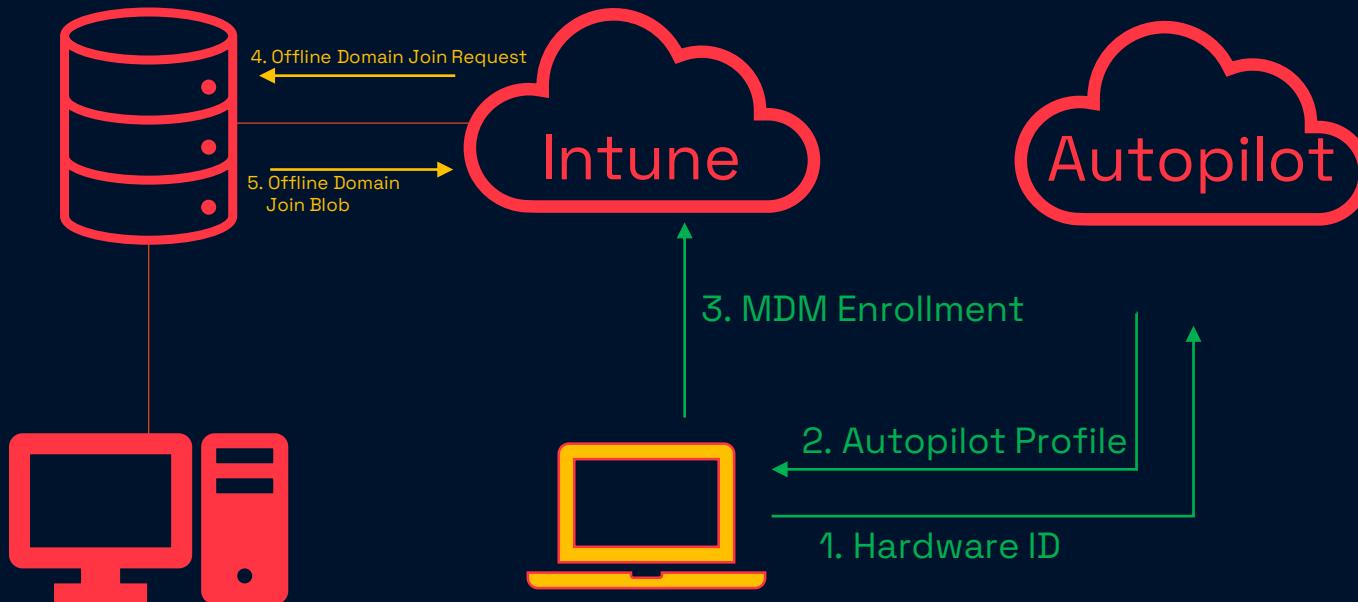
Enroll your devices

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 - Devices for enrollment
 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot



1. Hybrid



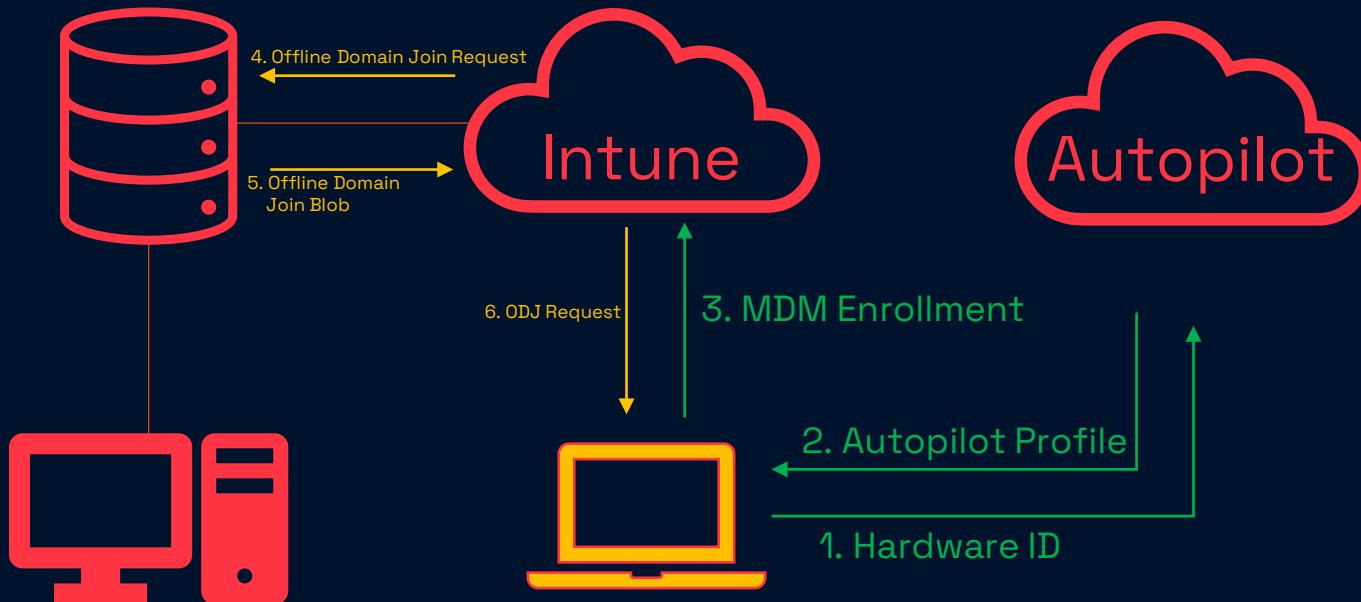
1. Hybrid



Enroll your devices

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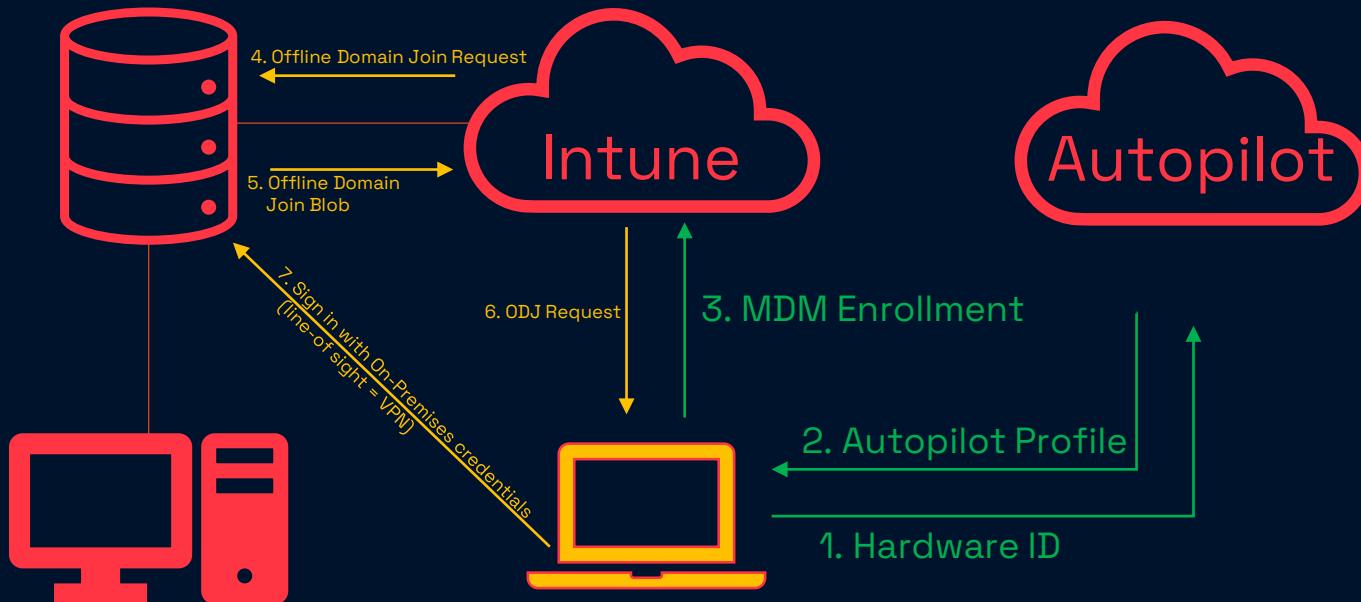
1. Hybrid



Enroll your devices

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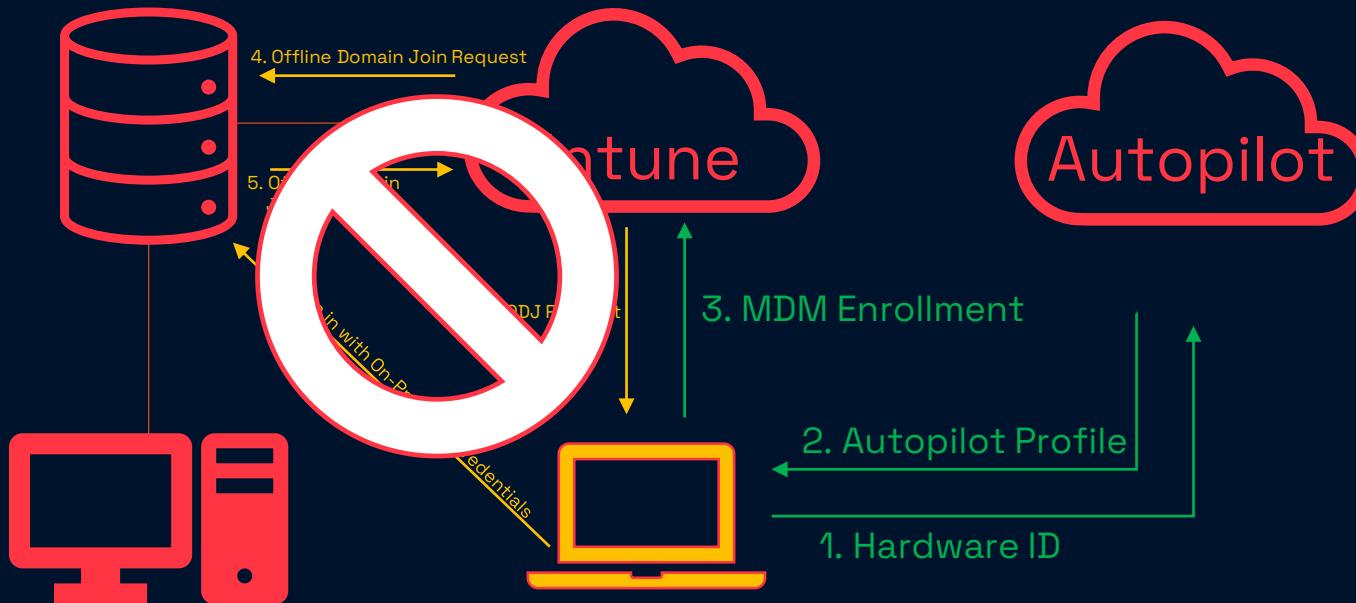
1. Hybrid



Enroll your devices

- Configure
 - Devices for enrollment
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- Use
 - Enrollment profiles
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1. Hybrid



Enroll your devices

Configure

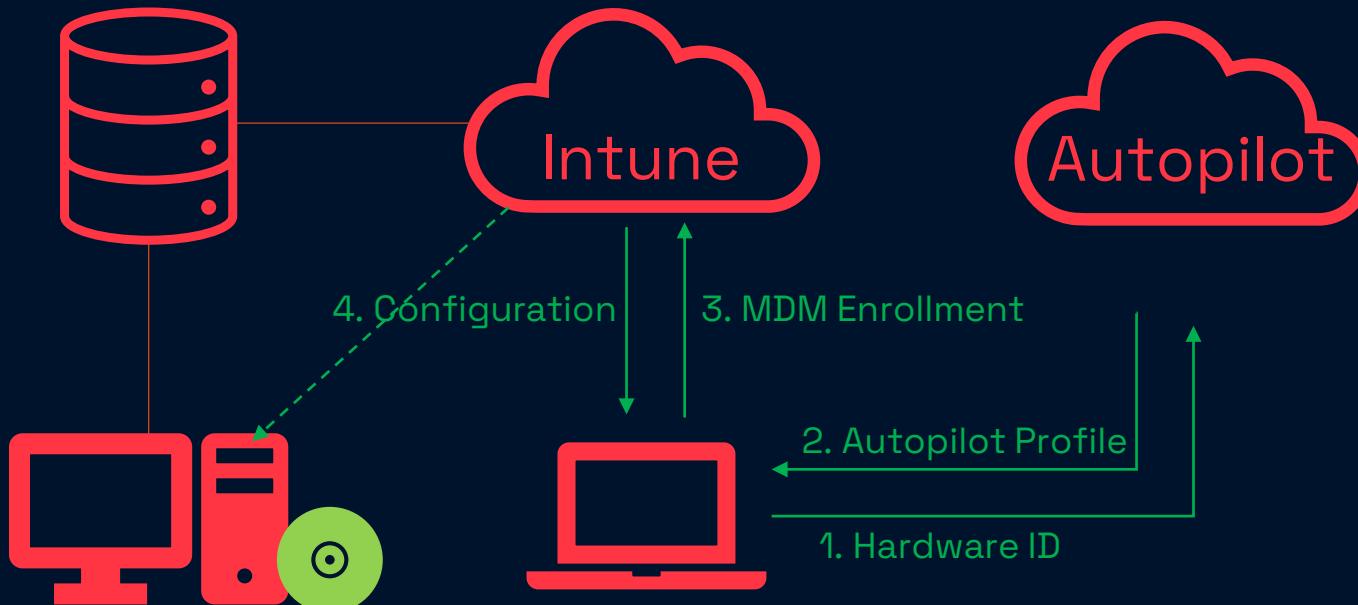
- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot

“Hybrid Autopilot was worth the effort”
- Nobody

1. Hybrid



1. Hybrid



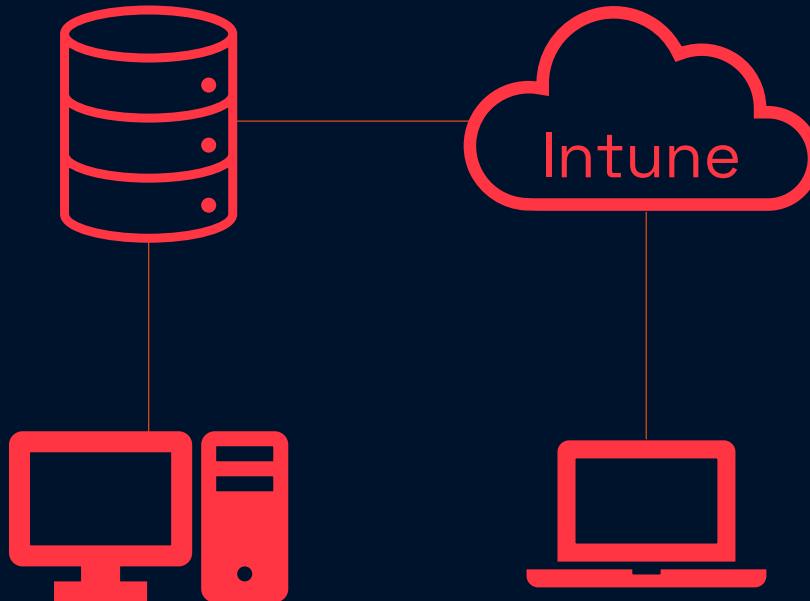
Enroll your devices

Configure

- Devices for enrollment
- Enrollment policies and restrictions

Use

- Enrollment profiles
- Windows Autopilot



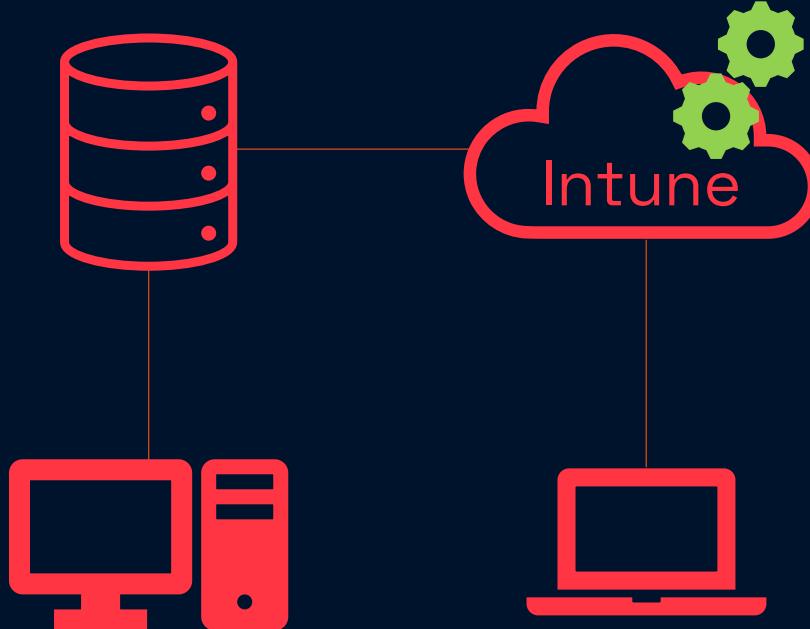
1. Hybrid



Enroll your devices

- Configure
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 - Enrollment policies and restrictions

- Use
 - Enrollment profiles
 - Windows Autopilot



Group Policies?

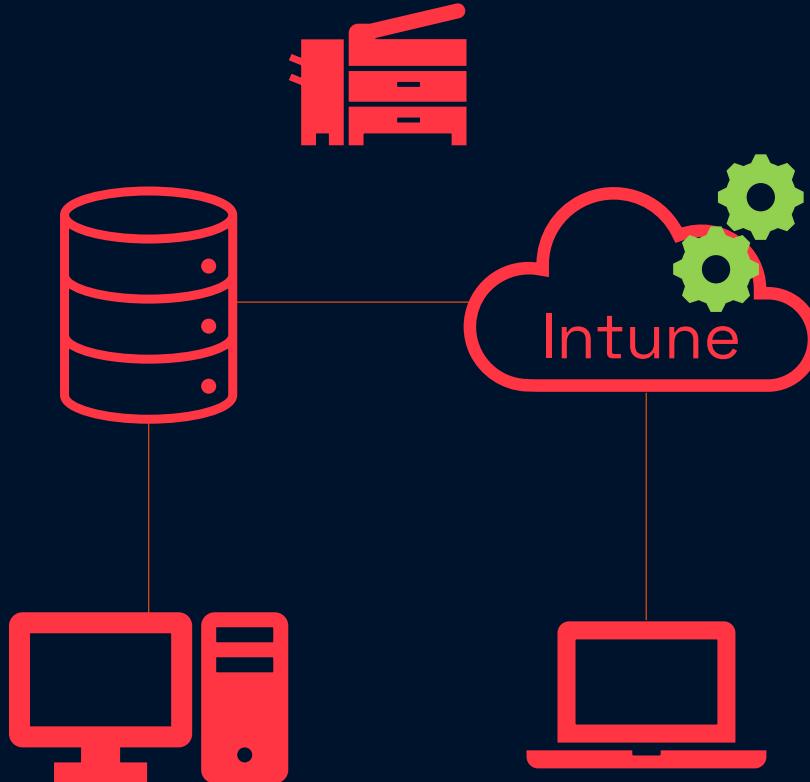
1. Hybrid



Enroll your devices

- Configure
 - Devices for enrollment
 - Enrollment policies and restrictions

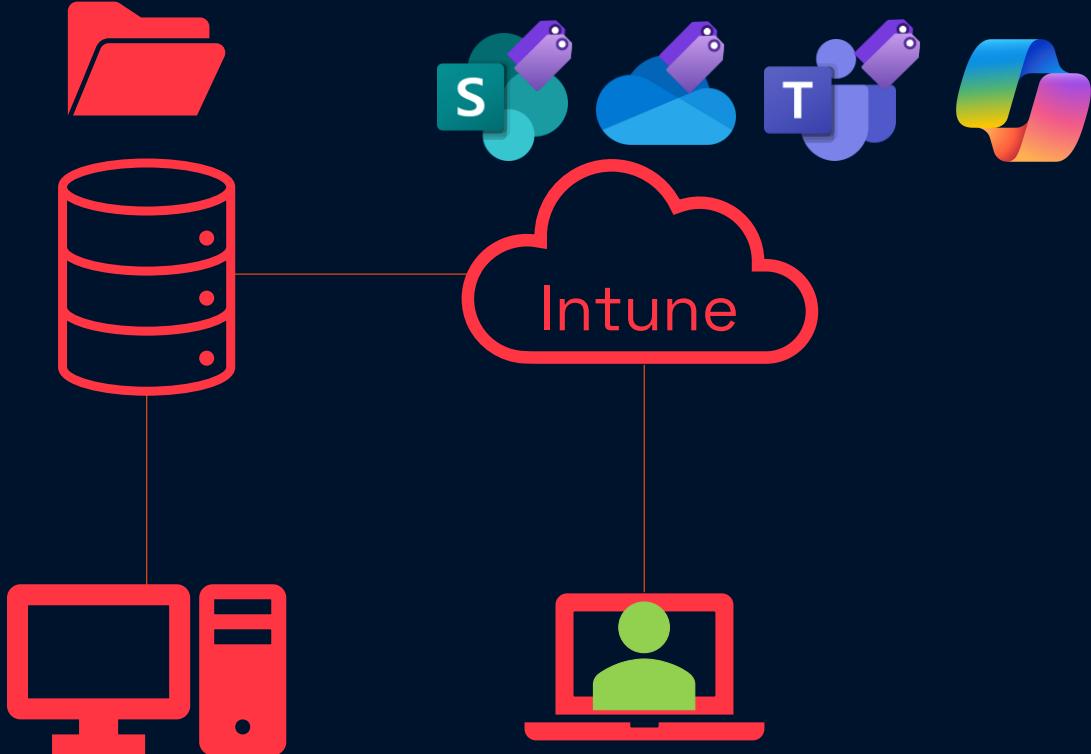
- Use
 - Enrollment profiles
 - Windows Autopilot



Group Policies

Printers?

1. Hybrid



Group Policies

Printers

File Shares?

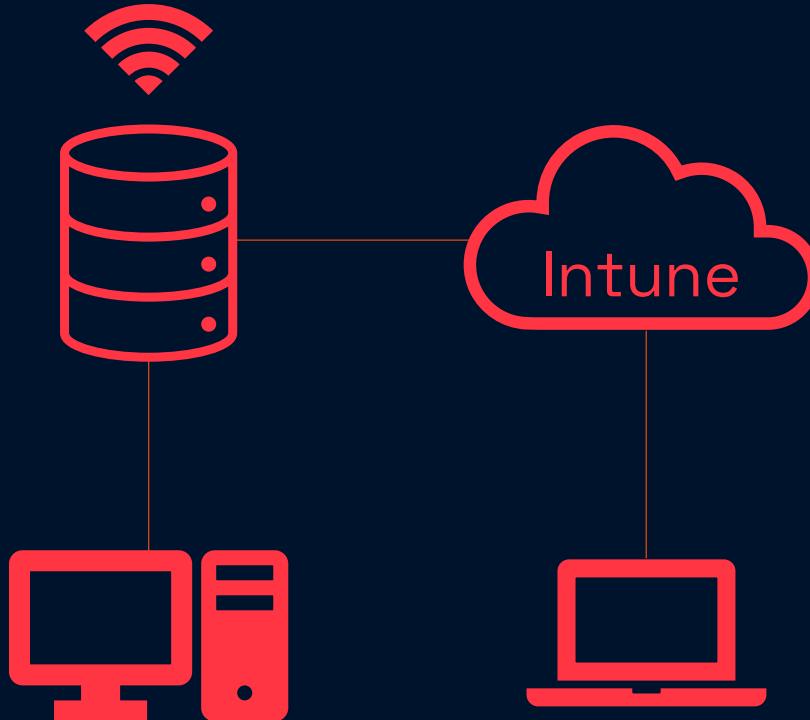
1. Hybrid



Enroll your devices

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- Use
 - Enrollment profiles
 - Windows Autopilot



Group Policies

Printers

File Shares

PKI?

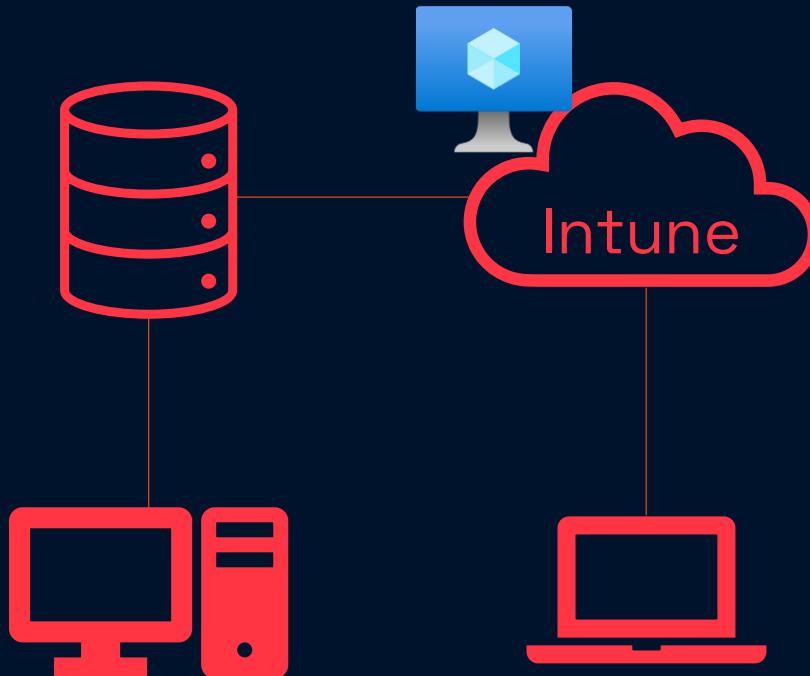
1. Hybrid



Enroll your devices

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Group Policies

Printers

File Shares

PKI

3rd Party Solutions?



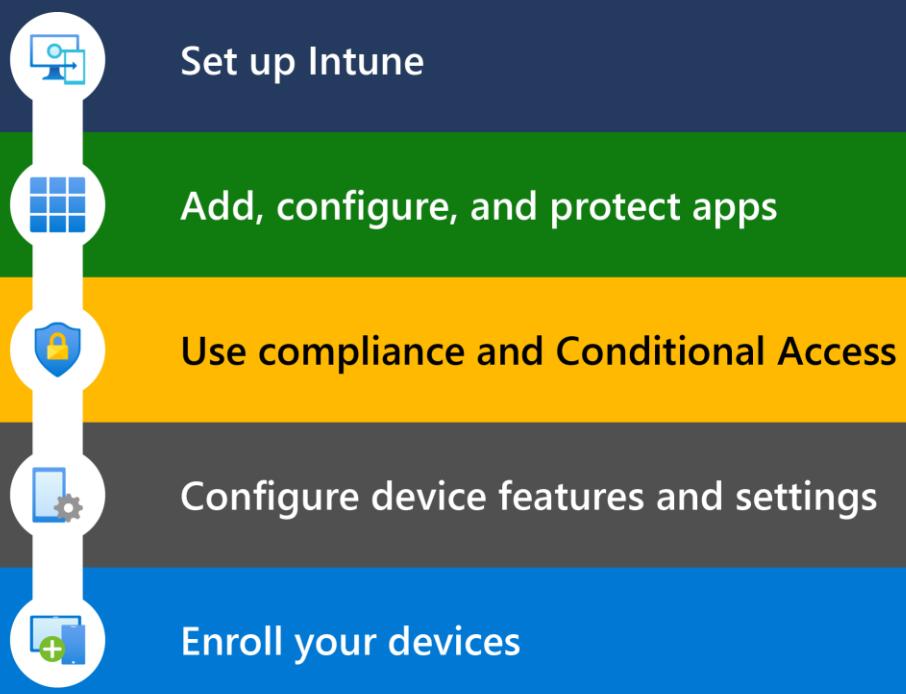
Set up Intune

Add, configure, and protect apps

Use compliance and Conditional Access

Configure device features and settings

Enroll your devices

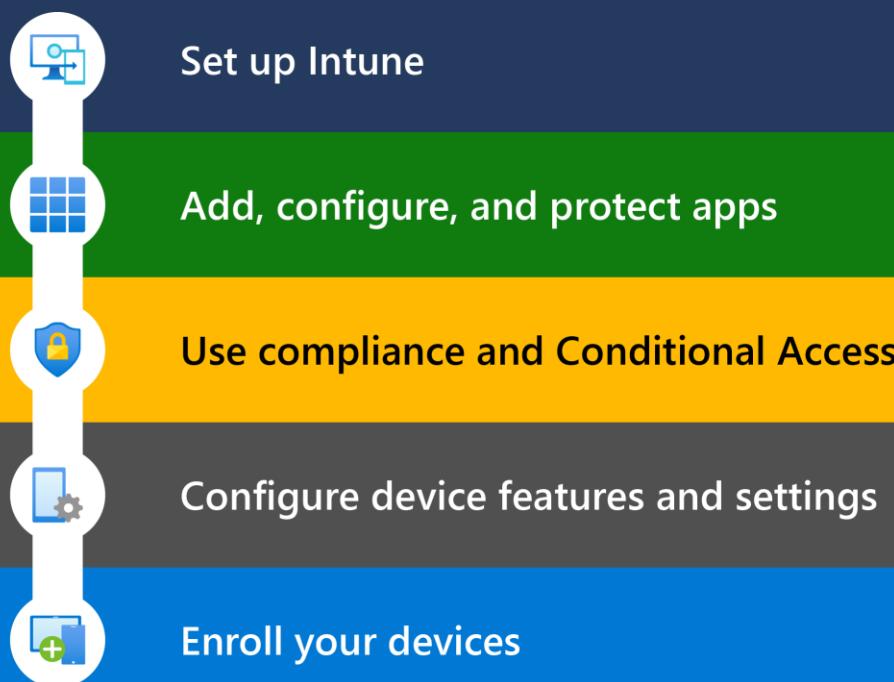


Get ready for Microsoft 365 Copilot

Prerequisites for Microsoft 365 Copilot

Before you can access Copilot, you must meet the following requirements:

- **Microsoft 365 Apps for enterprise.** Microsoft 365 Copilot integration requires the core Word, Excel, PowerPoint, and Outlook. Organizations should deploy the latest cloud-connected versions to all employee devices. They should keep apps updated to enable Copilot's full capabilities. For example, Copilot may suggest content edits directly within Word documents. Having cloud-connected licenses ensures tight integration. To get started with the implementation process, see [Deploy Microsoft 365 Apps](#).
- **Microsoft Entra-based account.** Every employee using Copilot must have a Microsoft Entra account. This design ensures that all users sign in using Microsoft Entra credentials. Legacy local accounts do not have the same level of integration with Copilot functionality. To learn more, see [Microsoft Entra](#).
- **OneDrive accounts.** Copilot's integration with enterprise OneDrive accounts enables it to suggest changes directly within OneDrive files. You should consider provisioning 1-TB OneDrive to every user. For more information, see [OneDrive](#).
- **New Outlook for Windows.** To get Copilot's interactive suggestions within Outlook emails, you need to use the new version of Outlook desktop. The new version enables Copilot integration as it evolves. To learn more, see [Getting started with the new Outlook for Windows](#).
- **Microsoft Teams.** Use the Teams desktop or web app to enable Copilot within Teams conversations. Mobile-only users have limited functionality. You can download the desktop client here or use the mobile app. Copilot supports both the current and the new version of Teams. For more information, see [Copilot in Microsoft Teams](#).
- **Windows 11.** Windows 11 provides the best experience for Microsoft 365 Copilot. Organizations should ensure that all users have cloud-based Microsoft 365 licenses rather than perpetual licenses. Cloud-connected licenses provide access to the company's latest features.



Get ready for Microsoft 365 Copilot

Prerequisites for Microsoft 365 Copilot



- Microsoft 365 Apps for Enterprise (current channel)*



- Microsoft Entra-based account



- OneDrive



- Teams (either version)



- New Outlook for Windows



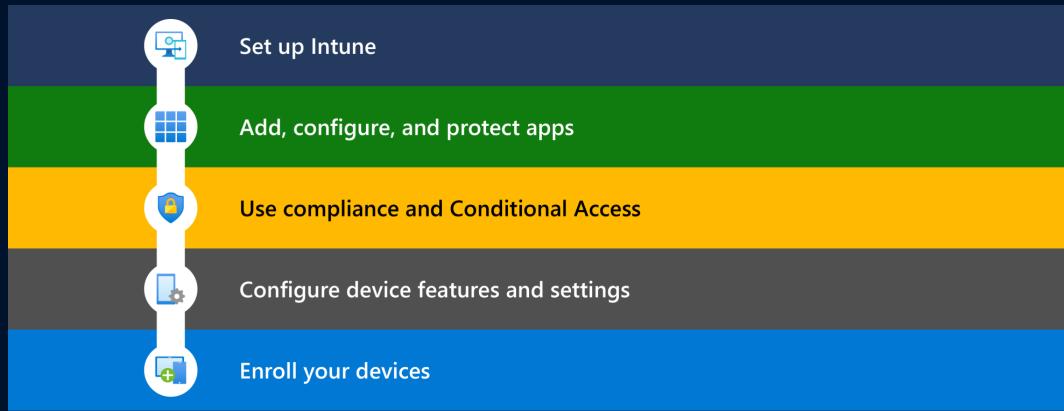
- Loop



- Windows 11 (preferred)



- Microsoft 365 E3 or E5 or Business Premium licences



Thanks for attending



Secure productivity happens in the cloud

We will help you on your way



me

Simon.Skotheimsvik@TeamCloudWay.com

website

twitter

email