

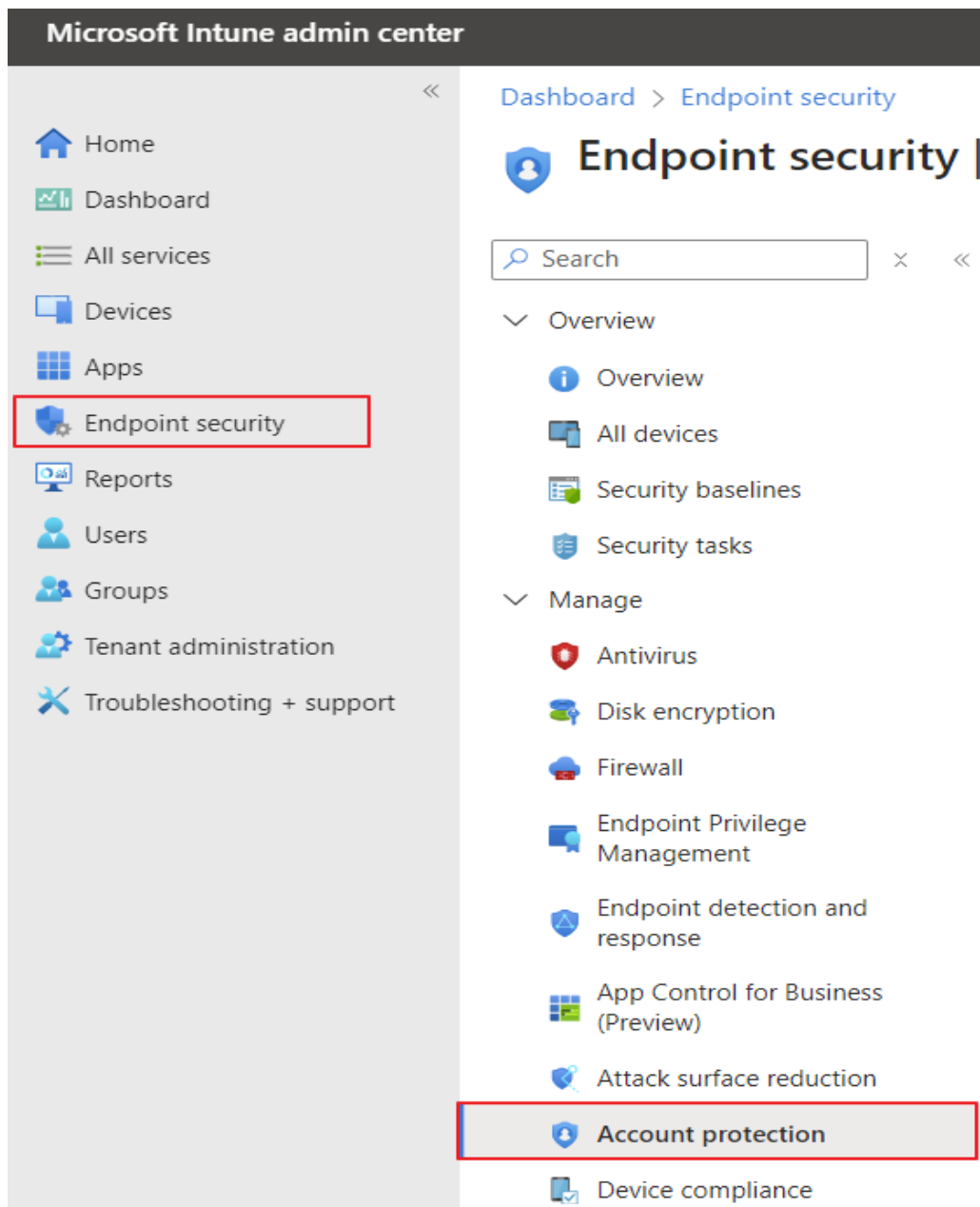
## Local Administrator Password Solution (LAPS)

### What are the features of LAPS?

LAPS includes the following features:

- Security that provides the ability to:
  - Randomly generate passwords that are automatically changed on managed machines.
  - Effectively mitigate PtH attacks that rely on identical local account passwords.
  - Enforced password protection during transport via encryption using the Kerberos version 5 protocol.
  - Use access control lists (ACLs) to protect passwords in Active Directory and easily implement a detailed security model.
- Manageability that provides the ability to:
  - Configure password parameters, including age, complexity, and length.
  - Force password reset on a per-machine basis.
  - Use a security model that is integrated with ACLs in Active Directory.
  - Use any Active Directory management tool of choice; custom tools, such as Windows PowerShell, are provided.
- Protect against computer account deletion.
- Easily implement the solution with a minimal footprint.

Na Intune portalu (<https://intune.microsoft.com/>) odaberemo **Endpoint Security -> Account protection** te kreiramo novu politiku



Postavke za LAPS:

## Create profile ...

Local admin password solution (Windows LAPS)

✓ Basics **2 Configuration settings** ③ Scope tags ④ Assignments ⑤ Review + create

### ^ LAPS

Backup Directory ⓘ	Backup the password to Azure AD only ▼
Password Age Days ⓘ	<div><div></div>Configured</div> <div>30</div>
Administrator Account Name ⓘ	<div><div></div>Configured</div> <div>Ladmin ✓</div>
Password Complexity ⓘ	Large letters + small letters + numbers + special characters (improve... ▼
Password Length ⓘ	<div><div></div>Configured</div> <div>16 ✓</div>
Post Authentication Actions ⓘ	Reset password: upon expiry of the grace period, the managed accou... ▼
Post Authentication Reset Delay ⓘ	<div><div></div>Configured</div> <div>24</div>

Nakon što smo primijenili postavke (slika iznad) potrebno ih je primijeniti na grupe, koristimo grupe u kojima su računala

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Create profile

Local admin password solution (Windows LAPS)

Basics

Configuration settings

Scope tags

Assignments

Review + create

Included groups

Add groups

Add all users

Add all devices

Groups	Group Members	Filter	Filter mode	Edit filter	Remove
-Windows 10 devices	127 devices, 0 users	None	None	Edit filter	Remove
-Windows 11 devices	79 devices, 0 users	None	None	Edit filter	Remove

Excluded groups

Add groups

Groups	Group Members	Remove
No groups selected		

When excluding groups, you cannot mix user and device groups across include and exclude. [Click here to learn more about excluding groups.](#)

Provjera:

Nakon što se polica kreira, potrebno je sinkronizirati postavke sa našom onprem infrastrukturuom.

Administrator: Windows PowerShell

Windows PowerShell

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PS C:\Windows\system32> Start-ADSyncSyncCycle

Result

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Success

PS C:\Windows\system32> Start-ADSyncSyncCycle

Result

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Success

PS C:\Windows\system32> Start-ADSyncSyncCycle

Result

-----

Success

PS C:\Windows\system32> Start-ADSyncSyncCycle

Result

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Success

PS C:\Windows\system32> Start-ADSyncSyncCycle

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Result

-----

Success

PS C:\Windows\system32> Start-ADSyncSyncCycle

Result

-----

Success

Synchronization Service Manager

File Tools Actions Help

Operations Connectors Metaverse Designer Metaverse Search

Name	Profile Name	Status	Start Time	End Time
crmsyncadmsync...	Delta Import	in-progress	4.7.2024. 14:03:25	n/a
amliaa sync	Delta Import	success	4.7.2024. 14:03:25	4.7.2024. 14:03:25
amliaa sync	Export	completed-export-err...	4.7.2024. 13:38:41	4.7.2024. 13:38:41
crmsyncadmsync...	Export	success	4.7.2024. 13:38:31	4.7.2024. 13:38:40
crmsyncadmsync...	Delta Synchronization	success	4.7.2024. 13:38:31	4.7.2024. 13:38:31
amliaa sync	Delta Synchronization	success	4.7.2024. 13:38:31	4.7.2024. 13:38:31
crmsyncadmsync...	Delta Import	success	4.7.2024. 13:38:25	4.7.2024. 13:38:30
amliaa sync	Delta Import	success	4.7.2024. 13:38:24	4.7.2024. 13:38:24
amliaa sync	Export	completed-export-err...	4.7.2024. 13:08:39	4.7.2024. 13:08:39
crmsyncadmsync...	Export	success	4.7.2024. 13:08:30	4.7.2024. 13:08:38
crmsyncadmsync...	Delta Synchronization	success	4.7.2024. 13:08:25	4.7.2024. 13:08:30
amliaa sync	Delta Synchronization	success	4.7.2024. 13:08:29	4.7.2024. 13:08:29
crmsyncadmsync...	Delta Import	success	4.7.2024. 13:08:23	4.7.2024. 13:08:28
amliaa sync	Delta Import	success	4.7.2024. 13:08:23	4.7.2024. 13:08:23
amliaa sync	Export	completed-export-err...	4.7.2024. 12:38:38	4.7.2024. 12:38:38
crmsyncadmsync...	Export	success	4.7.2024. 12:38:28	4.7.2024. 12:38:37
crmsyncadmsync...	Delta Synchronization	success	4.7.2024. 12:38:28	4.7.2024. 12:38:28
amliaa sync	Delta Synchronization	success	4.7.2024. 12:38:28	4.7.2024. 12:38:28

Profile Name: Delta Import

User Name: NT SERVICE\Winlogon

Step Type:	Partition:	Status:
Delta Import (Stage Only)	default	in-progress

Synchronization Statistics

Start Time: 4.7.2024. 14:03:25

End Time: n/a

Staging	Connection Status	Synchronization Errors
Unchanged	0	
Adds	0	
Updates	0	
Renames	0	
Deletes	0	

2054 (xml)

Za provjeru na portalu Intune-a, pronalazimo uređaj (Devices -> Windows devices), odaberemo uređaj koji želimo provjeriti u ovom slučaju je to TESTWIN10 uređaj, u desnom izborniku odaberemo Local admin password. Prikazuje se Opcija Show local administrator password, na koju je potrebno kliknuti te stisnuti show password kako bi se prikazala lozinka.

## TESTWIN10 | Local admin password

 Refresh Got feedback?

Overview

Manage

Properties

Monitor

Hardware

Discovered apps

Device compliance

Device configuration

App configuration

Local admin password

Recovery keys

User experience

Device diagnostics

Group membership

Managed Apps

Filter evaluation

Enrollment

Remediations (preview)

Device query

Learn more about Local Administrator Password Solution (LAPS) →

Local administrator password	Last password rotation	Next password rotation
Show local administrator password	6/24/2024, 1:38:54 PM	7/24/2024, 1:38:54 PM

Ukoliko su svi koraci ispravno napravljeni, na klijentskom računalu iz opisa moguća je prijava sa kredencijama lokalnog administratora kojeg sam nazvao „Ladmin“