

Take control of your Autopilot setup

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- MVP Enterprise Mobility
- MCT

 @JankeSkanke



Windows Autopilot (The original promise)

OEM-optimized Windows 10

- + Software
- + Settings
- + Updates
- + Features
- + User data

Ready for productive use





10 Tips to rock Autopilot

Tip #1 Configure your company branding in Azure AD

Edit company branding

Azure Active Directory


 Save  Discard

Sign-in page background image


Image size: 1920x1080px

File size: <300KB

File type: PNG, JPG, or JPEG ⓘ



[Remove](#)


Select a file 

Banner logo


Image size: 280x60px

File size: 10KB


File type: Transparent PNG, JPG, or JPEG ⓘ




[Remove](#)

Select a file 

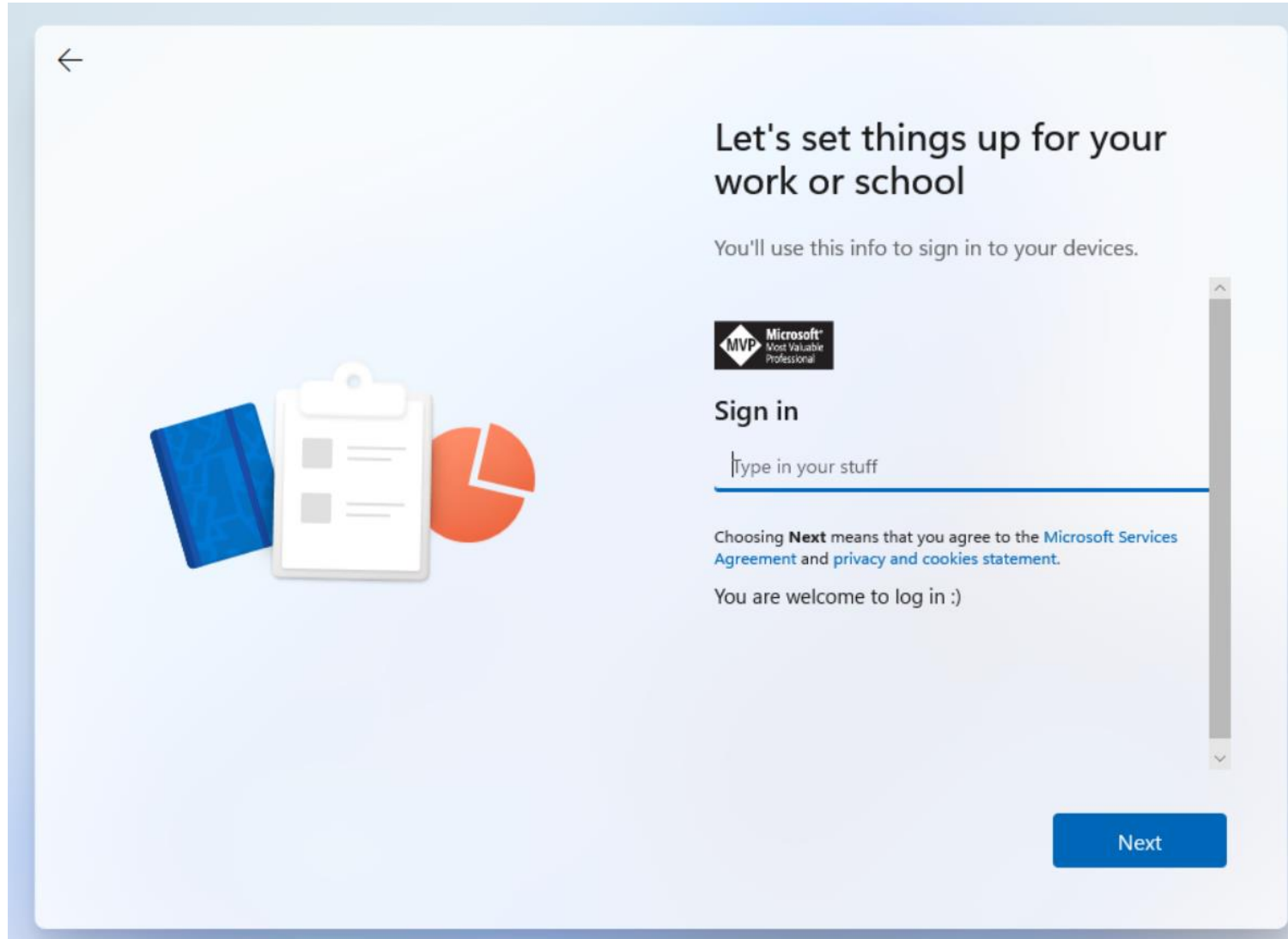
Username hint ⓘ

Type in your stuff 

Sign-in page text ⓘ

You are welcome to log in :) 

Tip #1 Configure your company branding in Azure AD



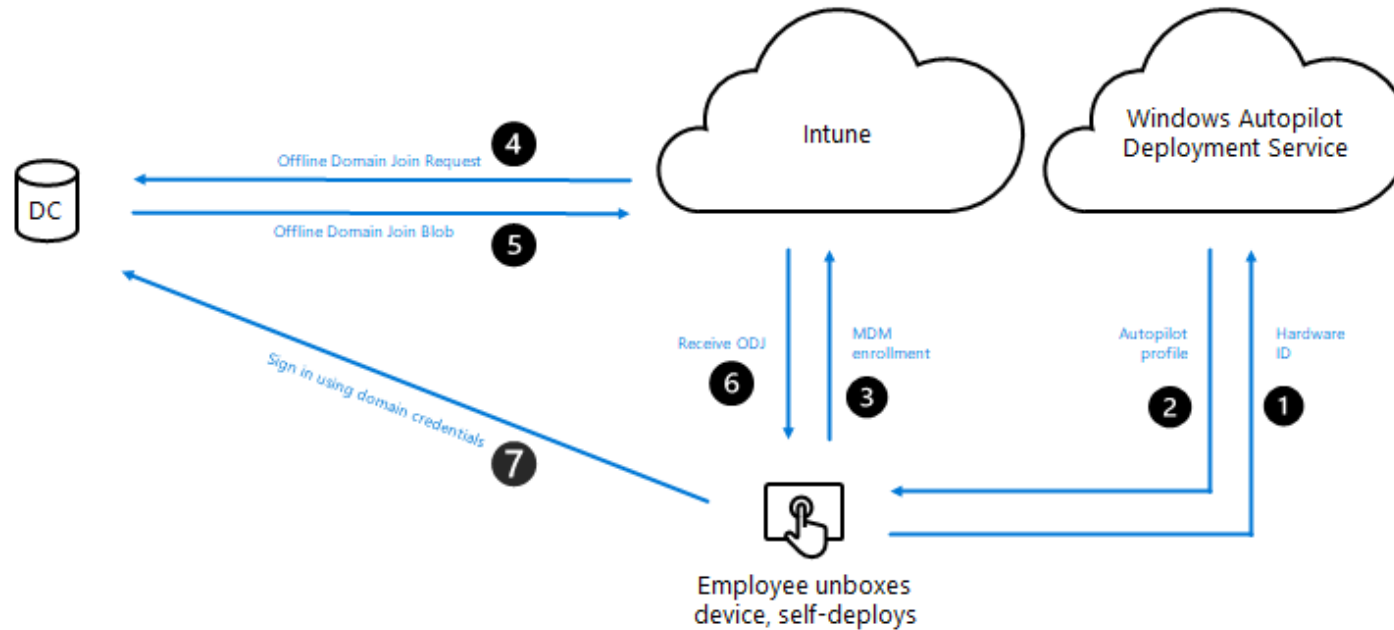
SO YOU REALLY **NEED**
HYBRID AD JOIN YOU SAY?



Tip #2

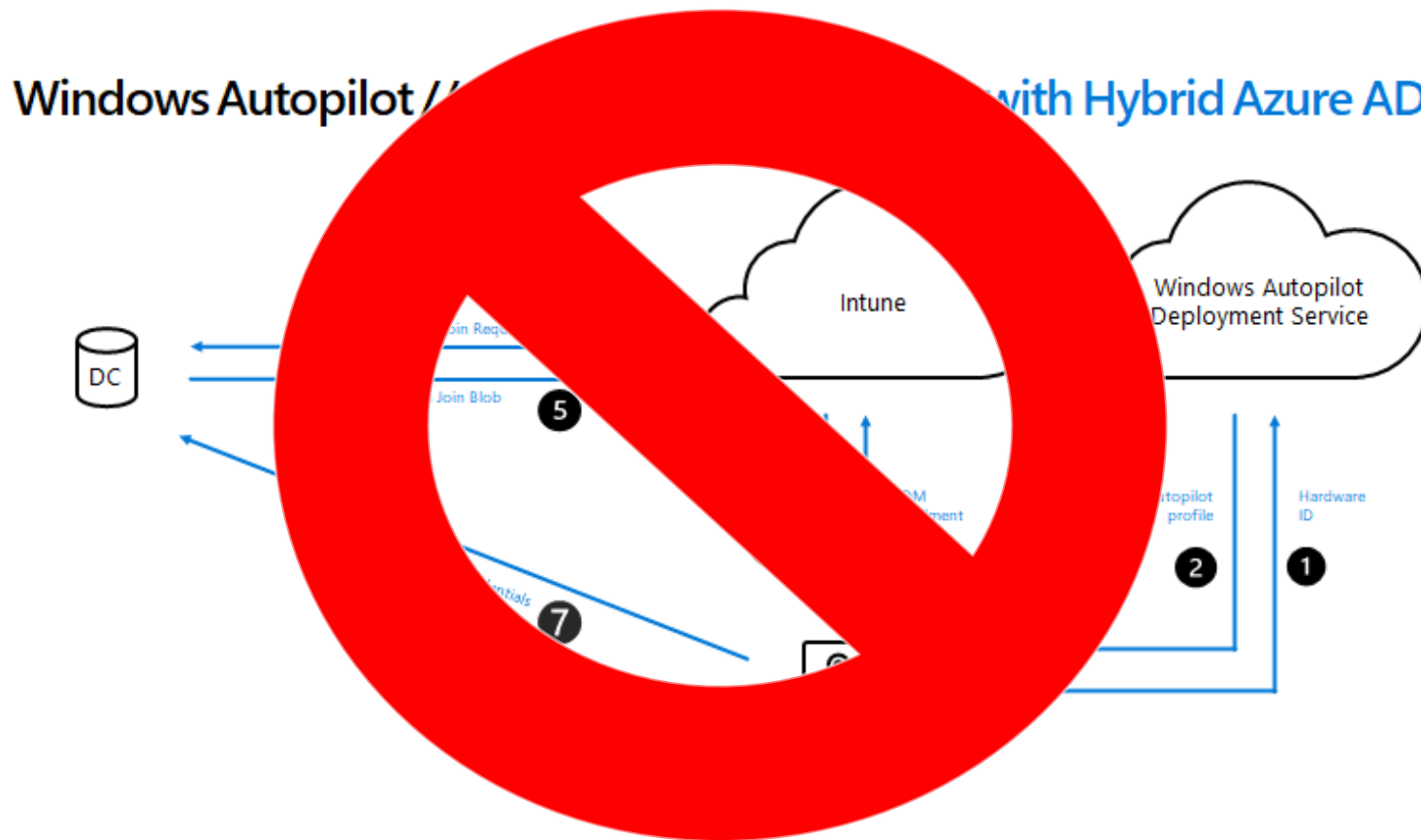
- Azure AD Hybrid Join

Windows Autopilot // User-Driven deployment with Hybrid Azure AD



Tip #2

- Do not use Azure AD Hybrid Join



A meme featuring a man in a racing suit looking skeptical while another man in a racing suit works on a helmet in the background.

**I TOLD YOU TO NOT
TO DO HYBRID**

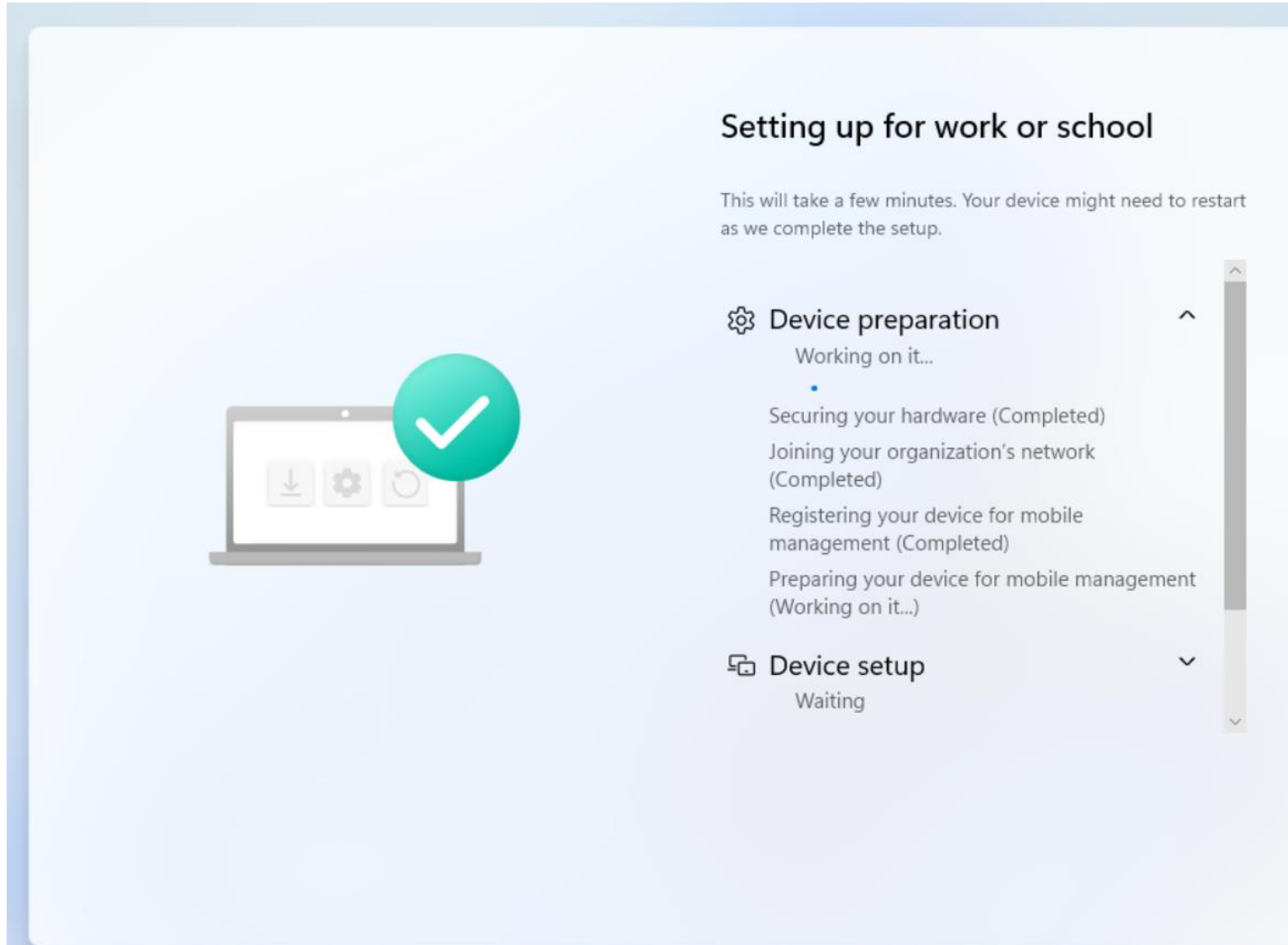
Tip #3 – Use the Enrollment Status Page

Blocking apps

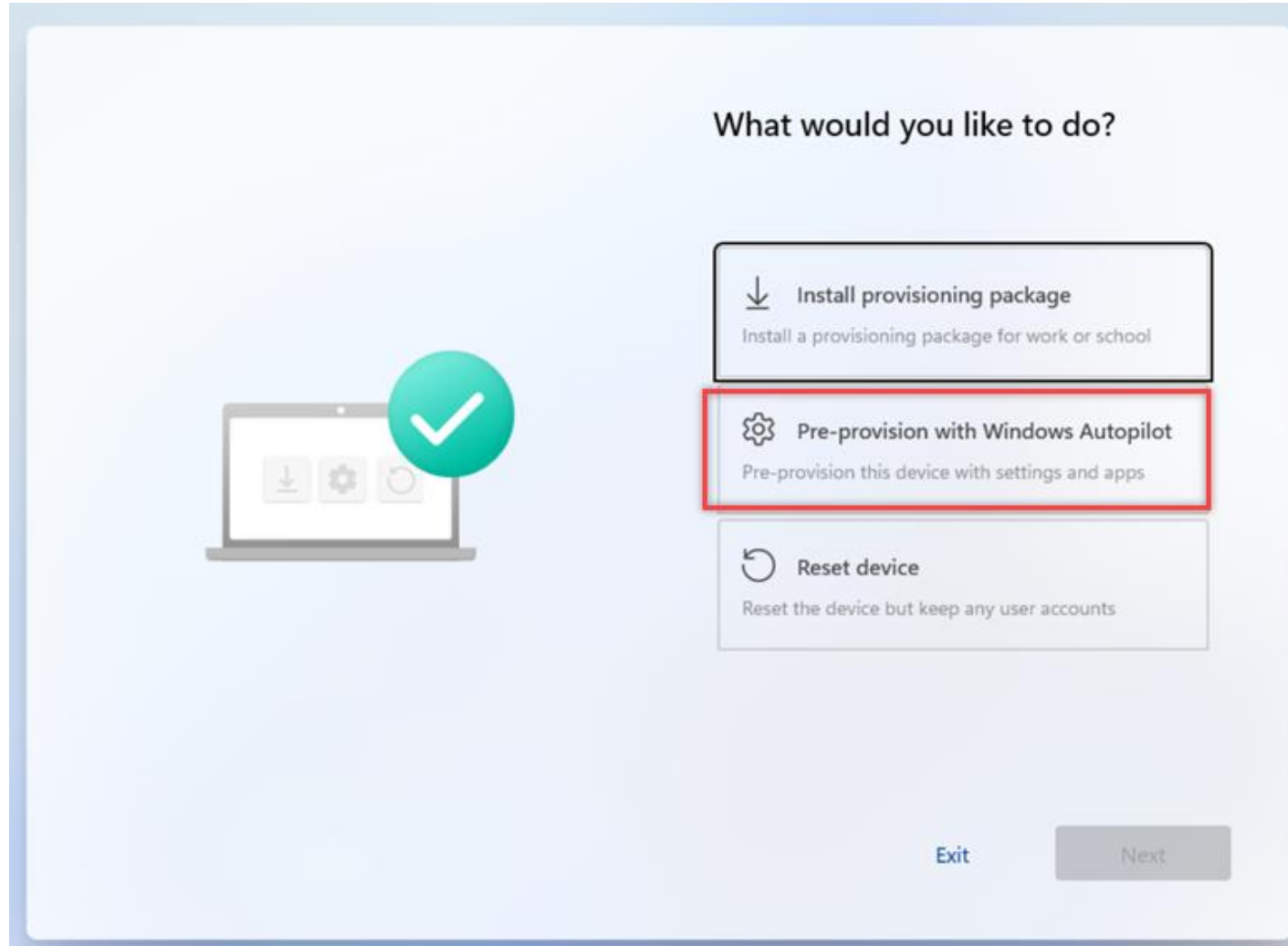
2 apps selected (100 max)

Application	Publisher	Version	Remove
Company Portal (Offline)	Microsoft Corporation		Remove
Microsoft 365 Apps for Windows 10	Microsoft		Remove


Tip #3 – Use the Enrollment Status Page



Tip #4 Use Pre-provisioning – (White Glove)



Tip #4 Use Pre-provisioning – (White Glove)




Pre-provision with Windows Autopilot

Select **Next** to get started with pre-provisioning.

Organization: skanke.net
Deployment profile: TEST 2022
Assigned user: Not assigned

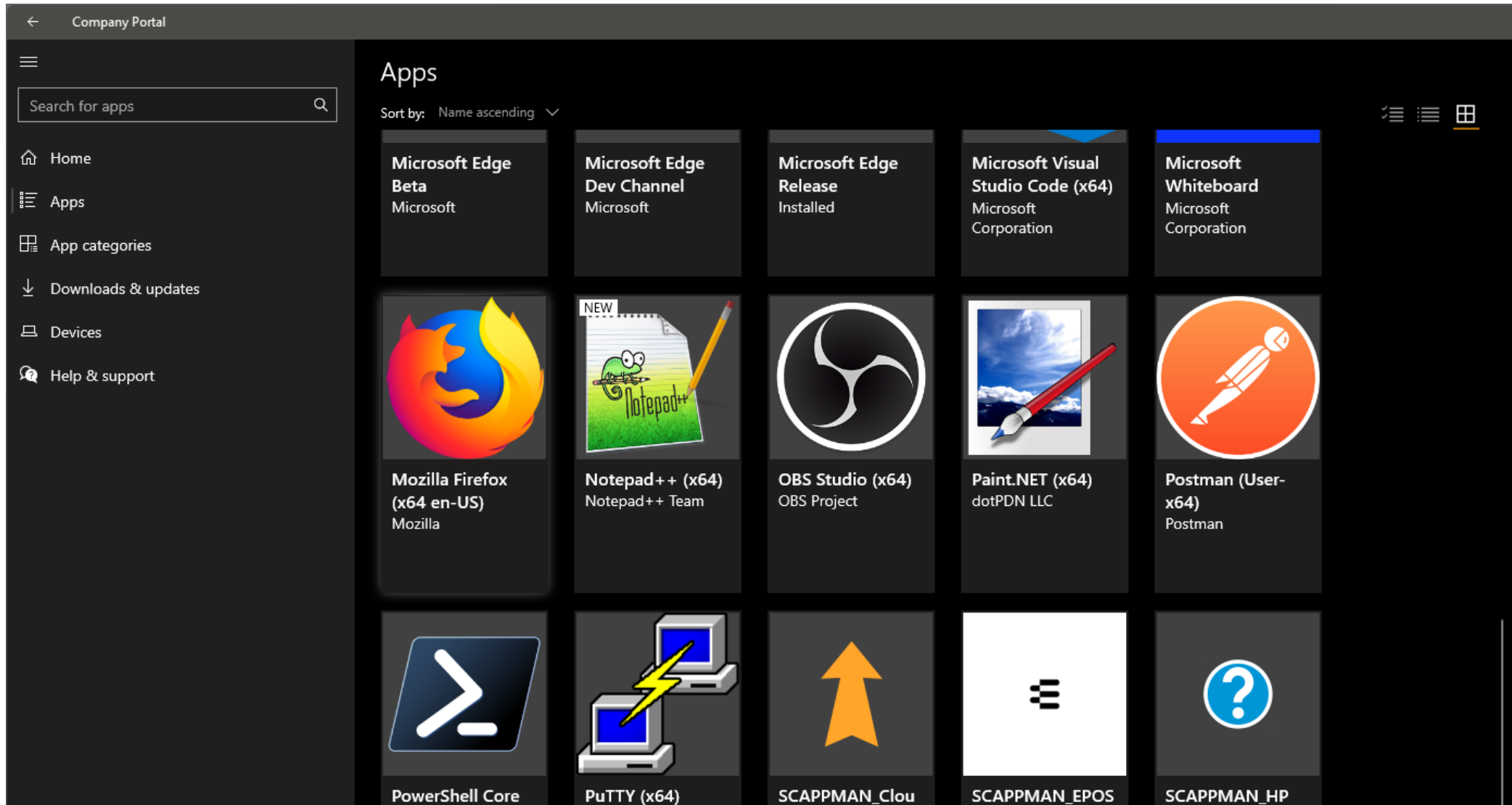
To review or change pre-provisioning configurations:

1. Scan the QR code with the companion app on your phone.
2. Make any needed changes.
3. Select [Refresh](#).



[Cancel](#) [Next](#)

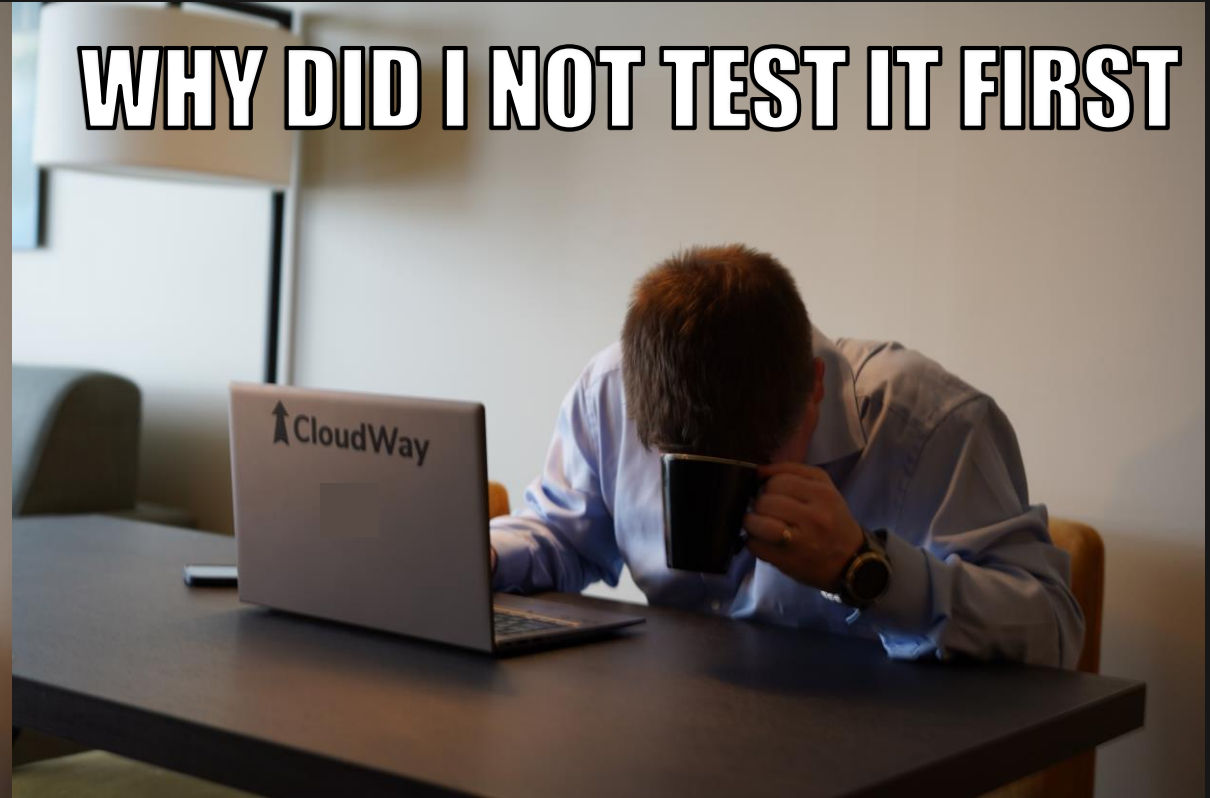
Tip #5 – Reduce required applications



Adding an app to ESP



WHY DID I NOT TEST IT FIRST



Tip #6 – Test apps and configurations

- Test and re – test
- Make sure it works before you add it to Autopilot/ESP
- Easier troubleshooting
- Avoid breaking a working deployment!

Tip #7 – Don't modify existing profiles

Avoid modifying existing profiles

- Autopilot Profiles
- Policies and Profiles
- When changes are needed
 - Create new
 - Test well
 - Move targeting to new profile
 - Archive old profile or delete

Tip #8 – Stay up to date on What's New!



<https://aka.ms/intunewhatsnewtoday>

Devices | Add devices

You can help your customers set up their devices faster by configuring a device's Out of Box Experience (OOBE).

Select or enter a name for this batch of devices. *

Add the list of devices for your customer. You should have received this file with your device purchase.

As a partner, you can register devices to Windows Autopilot using any one of these methods:

- Hardware Hash (available from OEM or on-device script)
- Combination of Manufacturer, Device Model, Device Serial Number
- Windows Product Key ID

You can see a sample .csv file here. [Download.](#)

Tip #10 – Troubleshooting

- Autopilot Diagnostics Page (Ctrl-shift-D)
- <https://learn.microsoft.com/en-us/mem/autopilot/troubleshoot-oobe>

Tip #10 – Troubleshooting



Windows Autopilot diagnostics

Configuration info Hide details

General ▾

Hardware ▾

✖ Deployment info Hide details

Network Connectivity

⚠ Establish Internet Connection ▾

Autopilot Settings

✖ User-based Azure AD Join ▾

Enrollment Status

⚠ Skipped TPM Attestation ▾

oot-oobe

Tip #10 – Troubleshooting



Windows Autopilot diagnostics

Network Connectivity

✓ Establish Internet Connection ✓

Autopilot Settings

✓ User-based Azure AD Join ✓

Enrollment Status

✓ Skipped TPM Attestation ✓

✓ Skipped AADJ Provisioning ✓

✓ Skipped MDM Enrollment ✓

⌚ Policy Provider Installation ✓

⚠ Device-Targeted Apps Installation ✓

⚠ Device-Targeted Policies Installation ✓

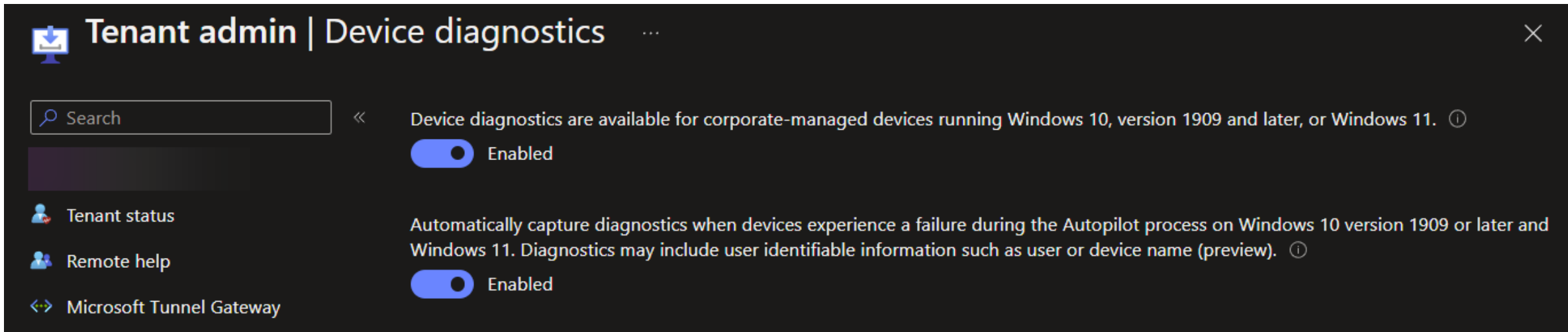
oot-oobe

Tip #10 – Troubleshooting

- Autopilot Diagnostics Page (Ctrl-shift-D)
- Turn on Automatic Log Collection on failure
 - Or collect locally with MdmDiagnosticsTool.exe -area Autopilot -cab C:\LOGS.zip
- <https://learn.microsoft.com/en-us/mem/autopilot/troubleshoot-oobe>

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Tip #10 – Troubleshooting

- Autopilot Diagnostics Page (Ctrl-shift-D)
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- Get-AutopilotDiagnostics
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Tip #10

- Autopilot
- Turn on
- Or collect
- Get-Autopilot

```
PS C:\Windows\system32> Get-AutopilotDiagnostics.ps1

AUTOPILOT DIAGNOSTICS

OS version:                10.0.22000
Profile:                    TEST 2022
TenantDomain:              skanke.net
TenantID:                   e87630f5-66df-47f3-8747-84801dbf1be7
ZTDID:                     cd2cb78e-085a-4e45-9916-f265f1678091
EntDMID:
OobeConfig:                286
Skip keyboard:             No      0 - - - - -
Enable patch download:     No      - 0 - - - - -
Skip Windows upgrade UX:   Yes     - - 1 - - - - -
AAD TPM Required:          No      - - - 0 - - - - -
AAD device auth:           No      - - - - 0 - - - - -
TPM attestation:           No      - - - - - 0 - - - - -
Skip EULA:                 Yes     - - - - - 1 - - - - -
Skip OEM registration:     Yes     - - - - - - 1 - - - - -
Skip express settings:     Yes     - - - - - - - 1 - - - - -
Disallow admin:            Yes     - - - - - - - - 1 - - - - -
Scenario:                  Azure AD Join
Delivery Optimization statistics:
Total bytes downloaded:    41525881
From peers:                0% (0)
From Connected Cache:      0% (0)
ESP diagnostics info does not (yet) exist.
```

OBSERVED TIMELINE:

Date	Status	Detail
----	-----	-----
2022-10-03 10:48:29Z	Profile downloaded	Autopilot profile

-cab C:\LOGS.zip

- <https://blogs.msdn.microsoft.com/autopilot-blog/2022/10/03/autopilot-profile-downloaded/> troubleshoot-oobe

Tip #10 – Troubleshooting

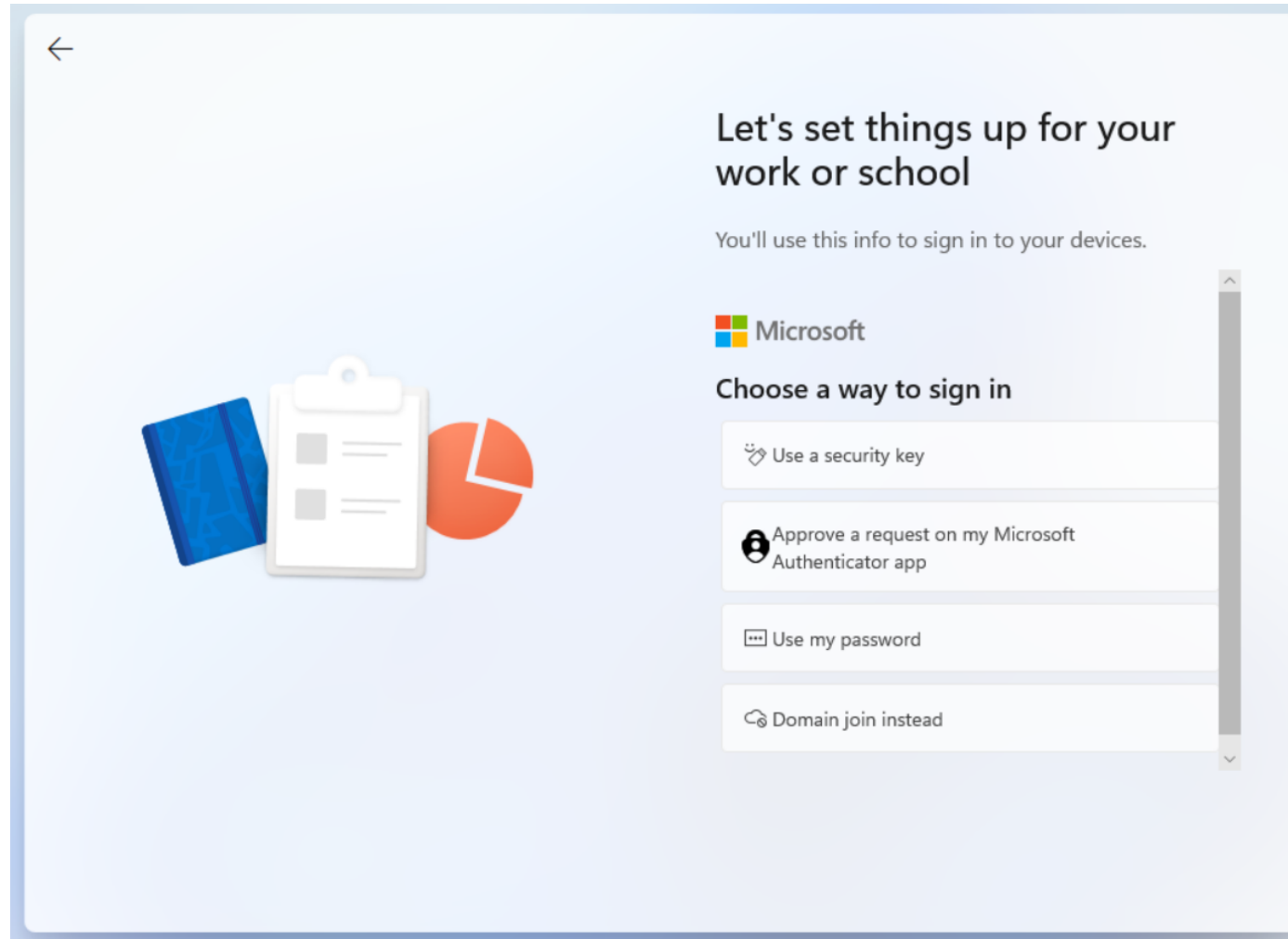
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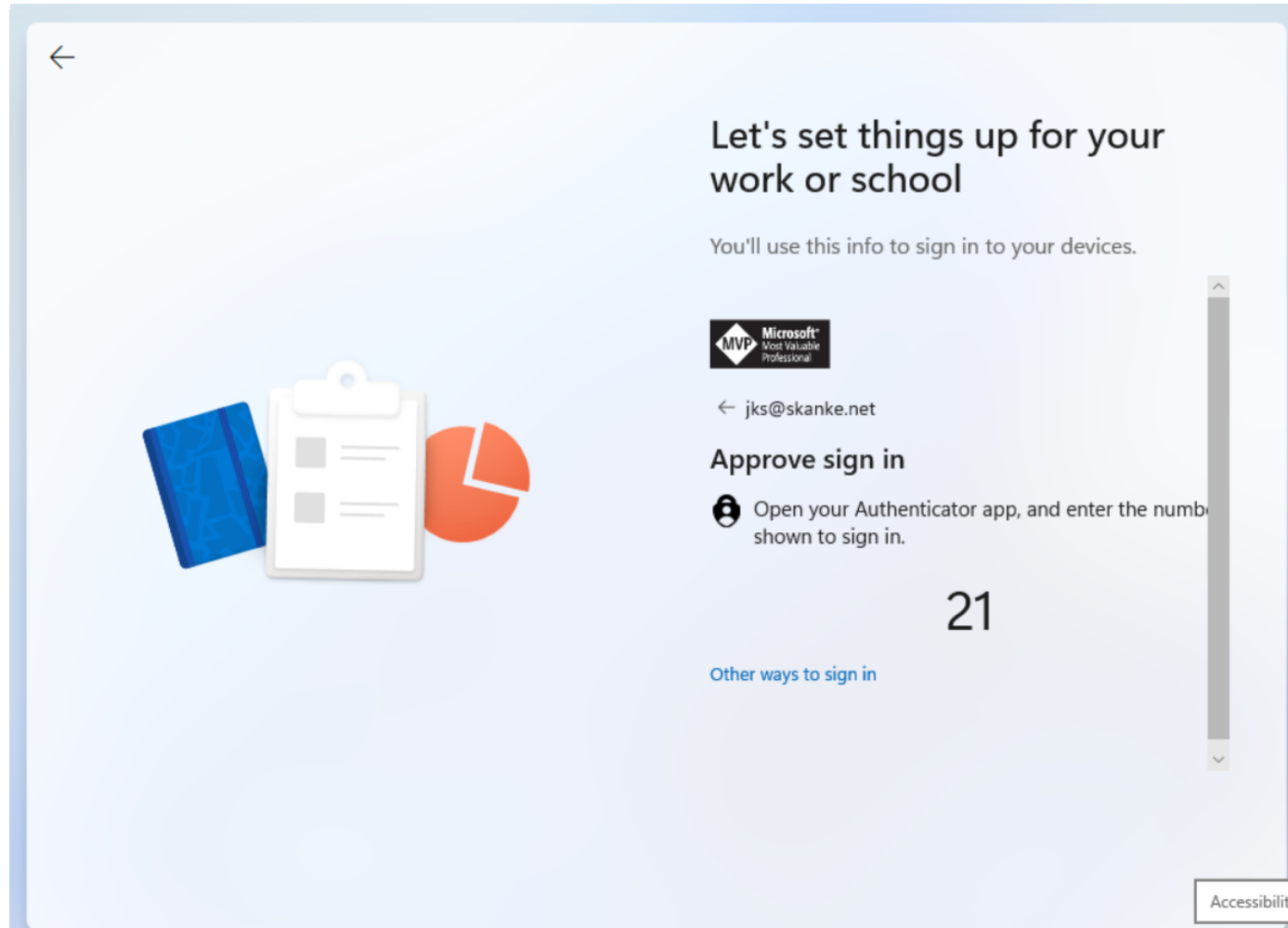
Bonus tip 1:

Enable Passwordless for easy onboarding



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Enable Passwordless for easy onboarding



Bonus Tip 2 – Enrollment notifications

Enrollment notifications (preview) ...

Windows enrollment

Windows Notifications

Configure email and push notifications to be sent to users after they enroll. Notifications improve security by notifying users if someone enrolls a device with their credentials. IT admins can also use enrollment notifications to send users a welcome email or onboarding information following enrollment. [Learn more about enrollment notifications](#)

+ Create notifications

Priority	Name	Notification Type	Assigned	Date Modified	
1	Notify users about enrollment	Email	Yes	10/04/22, 1:30 PM	...



Takk til våre sponsorer



glasspaper

POINT : TAKEN

EPDS

aztek

Evidi



spirhed



amesto
Fortytwo



ITstying

INNOFACTOR

MVP-Dagen



Tusen takk!

MVP-Dagen