



TrustKey

How to setup security key in Azure (Azure AD)

2023

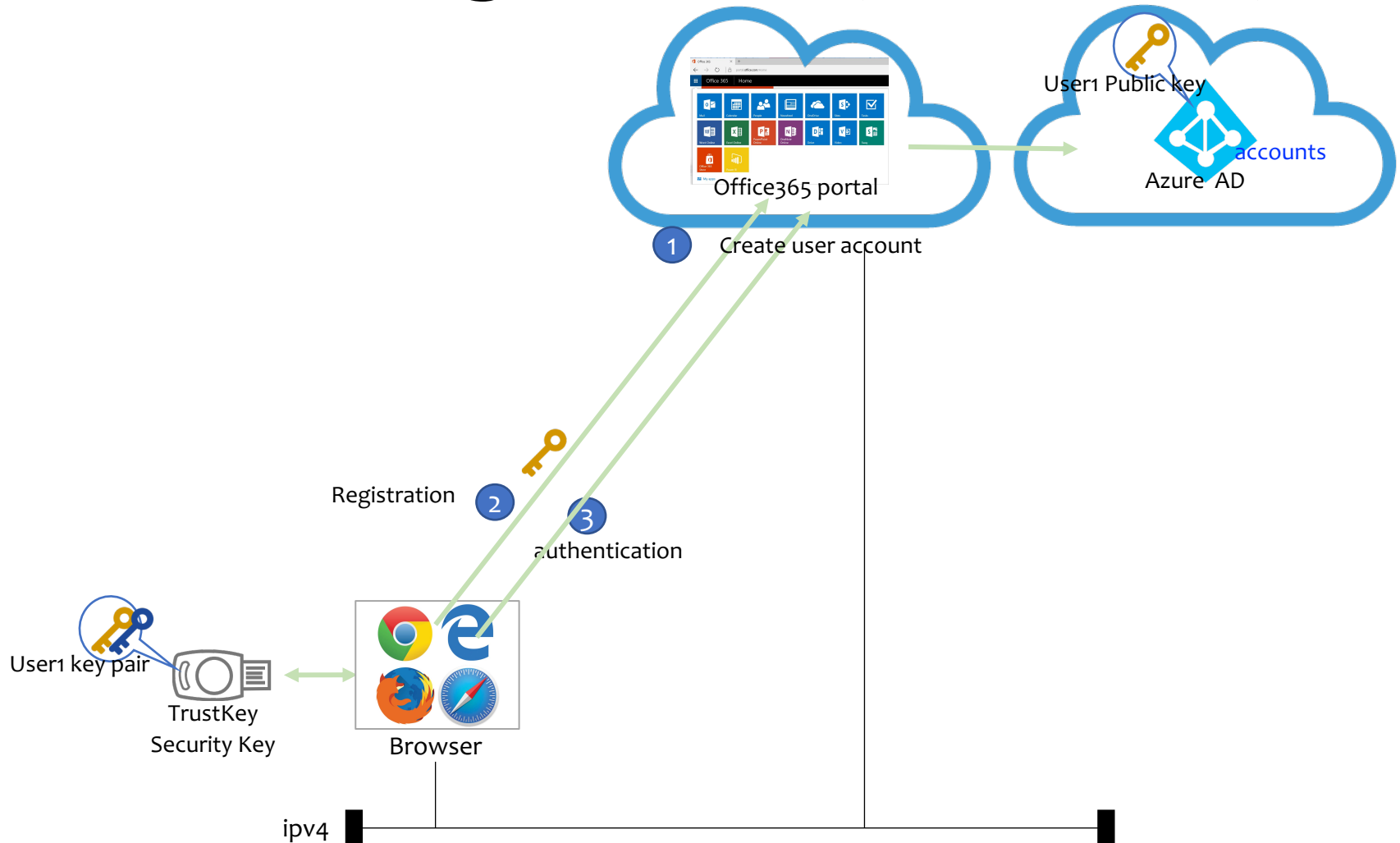
Notice

- This document has been summarized base on the Microsoft Azure site/document. (updated 2023.8.)
- The microsoft Azure site/document is subject to change, so please refer to the Azure site/document for details.
- For detailed inquiries, consult with Microsoft Azure Partner/Professonal.

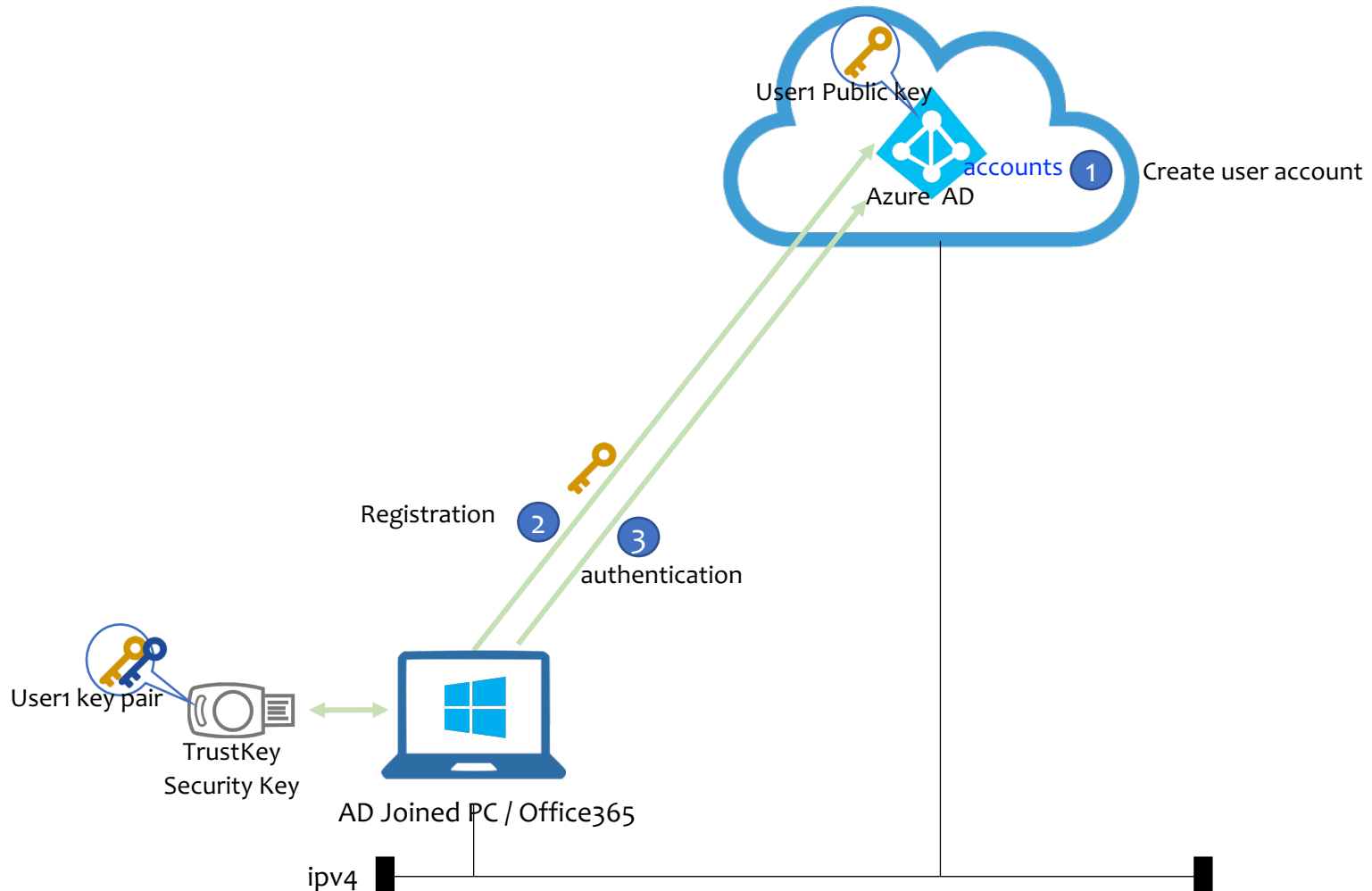
Reference

- Enable passwordless security key sign-in
- <https://learn.microsoft.com/en-us/azure/active-directory/authentication/howto-authentication-passwordless-security-key>
- FIDO2 security key Windows 10 sign in
- <https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-authentication-passwordless-security-key-windows>
- Azure AD Multi-Factor Authentication
- <https://learn.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-getstarted>

Azure configuration (office365)

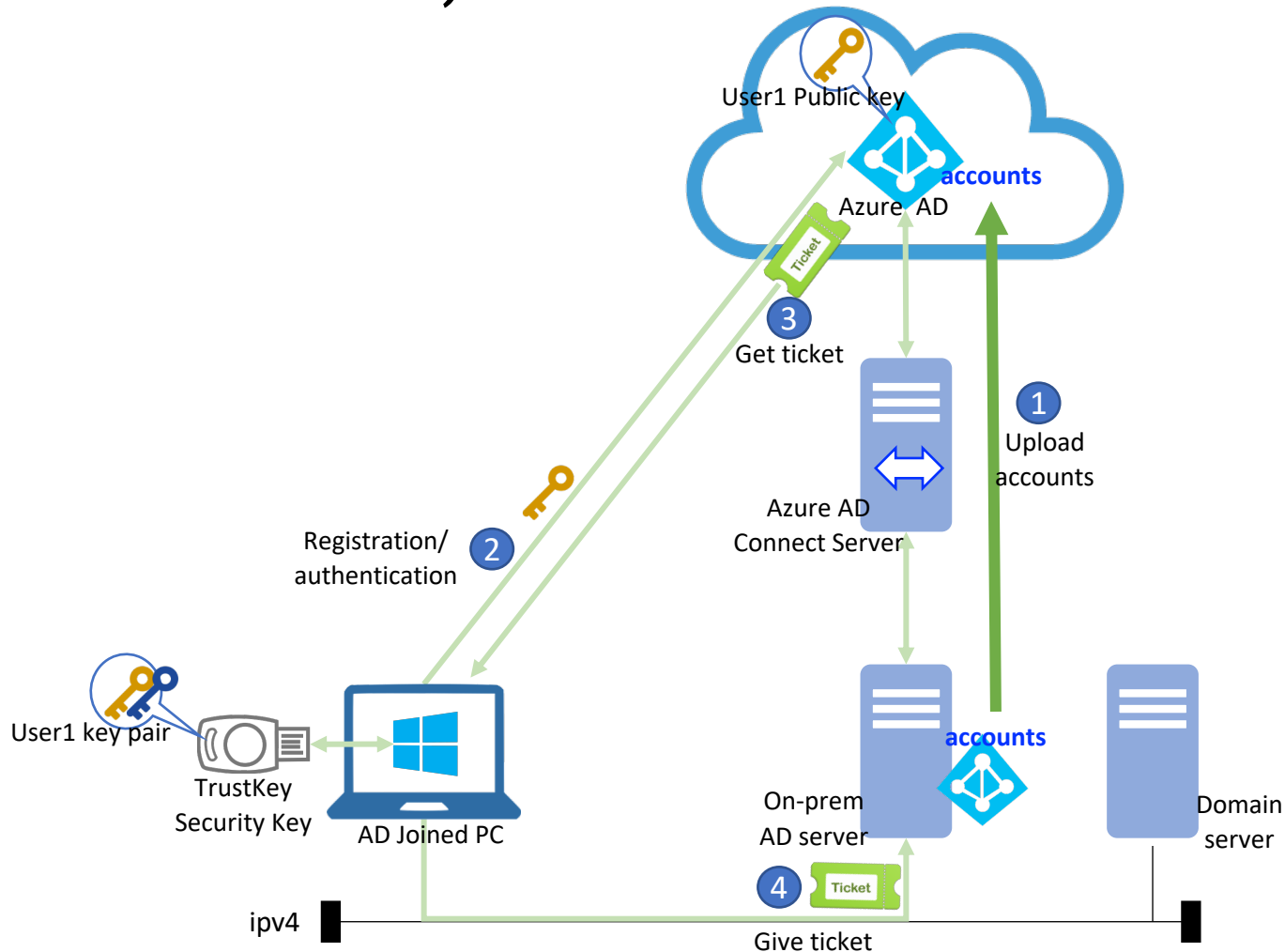


Azure AD configuration



Hybrid Azure AD configuration

(No details included.)



Azure(office365)/AAD components

Azure Service	Office365 / Azure AD
Office 365 PC	Windows 10 Home/Pro/Enterprise v.1909 or later
AAD joined PC	Windows 10 Home/Pro/Enterprise v.1909 or later

Azure(office365) setting sequence

(Administrator)

* Legend by color

1 performed on Office365

2,3 performed by user

1. Create an account on the Office 365 portal.
2. User : Register Security Key in Office 365.
3. User: Use the Security Key in the browser to log in to the Office365 Portal/Service

AAD Setting sequence(Administrator)

* Legend by color

1,2 performed on Azure

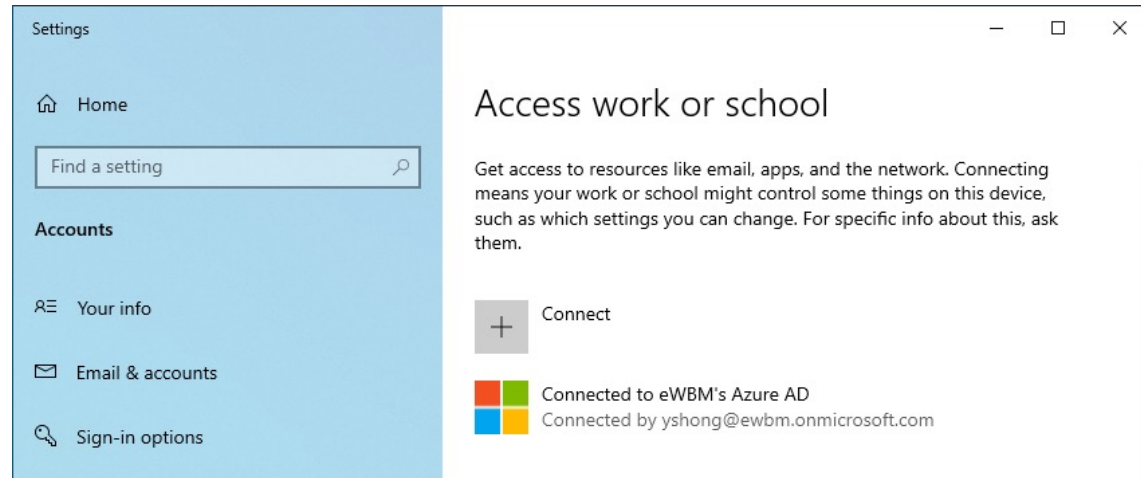
3,4 performed by user

1. Create an account in Azure AD.
2. Set the MFA policy for your account in Azure AD.
3. User : Register Security Key in Azure AD account.
4. User: Windows Login using Security Key in Windows.
 - At this time, the Windows PC must be an AAD-joined PC.

Installation Conditions

❑ Office365/ AAD

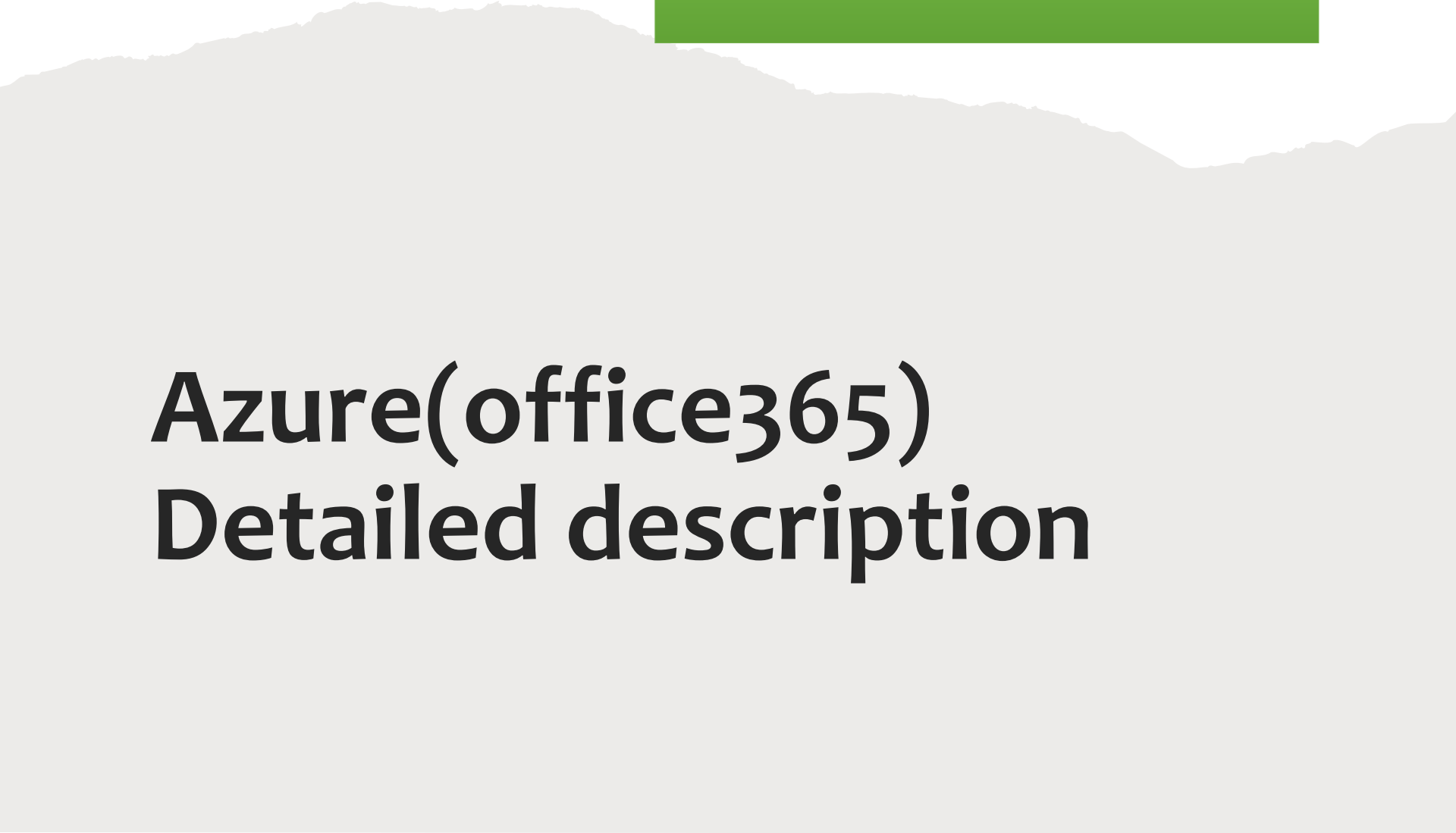
- Required on Windows 10 v.1909 or later.



- Required Azure license for AAD

A solid green rectangular box with the word "Administrator" in white text.

Administrator

A light gray silhouette of a mountain range spanning the width of the slide.

Azure(office365) Detailed description

No additional setup required (Administrator)

- User can register security key to the office365 account and can use it for authentication.

A solid green rectangular box with the word "Administrator" written in white text inside it.

Administrator

AAD

Detailed description

Azure portal

Sign in to the Azure portal (<https://portal.azure.com>)

Browse to **Security > Authentication Methods > Policies**

The image shows a sequence of three screenshots illustrating the navigation path in the Azure portal. The first screenshot shows the 'Welcome to Azure!' page with a red box highlighting the 'Manage Azure Active Directory' link. A yellow arrow points to the second screenshot, which shows the 'Security' link in the left-hand navigation pane highlighted with a red box. Another yellow arrow points to the third screenshot, which shows the 'Authentication methods' link in the 'Protect' section of the left-hand navigation pane highlighted with a red box. The right-hand side of the third screenshot shows a list of links including 'Azure', 'Azur', 'Azur', 'Iden', 'Nam', 'Auth', and 'Mult'.

Microsoft Azure

Welcome to Azure!

Start with an Azure free trial

Manage Azure Active Directory

Security

Authentication methods

Protect

- Conditional Access
- Identity Protection
- Security Center
- Verified ID

Manage

- Identity Secure Score
- Named locations
- Authentication methods
- Multifactor authentication
- Certificate authorities

Report

- Risky users
- Risky workload identities
- Risky sign-ins

Troubleshooting + Support

- New support request

Azure portal

Turn on **Enable** in the FIDO2 security key settings menu.

The image displays three overlapping screenshots of the Microsoft Azure portal, illustrating the steps to enable FIDO2 security keys.

Left Screenshot: Shows the 'Authentication methods | Policies' page. The 'FIDO2 security key' is highlighted in the list of authentication methods.

Middle Screenshot: Shows the 'FIDO2 security key settings' page. The 'Enable and Target' tab is selected, and the 'Enable' toggle switch is turned on (indicated by a red box and a yellow arrow).

Right Screenshot: Shows the 'FIDO2 security key settings' page with the 'Configure' tab selected. It displays various configuration options, including 'Allow self-service set up', 'Enforce attestation', 'KEY RESTRICTION POLICY', and 'Restrict specific keys'.

Table: FIDO2 security key settings (from middle screenshot)

Method	Target	Enabled
FIDO2 security key	All users	Yes
Microsoft Authenticator	All users	Yes
SMS		No
Temporary Access Pass		No
Third-party software ...		No
Voice call		No
Email OTP		Yes
Certificate-based auth...		No

Table: FIDO2 security key settings (from right screenshot)

Setting	Value
Allow self-service set up	Yes
Enforce attestation	Yes
Enforce key restrictions	No
Restrict specific keys	Allow

More detailed configuration menu

A solid green rectangular box located in the upper right quadrant of the slide.

User

How to setup & use the Security Key

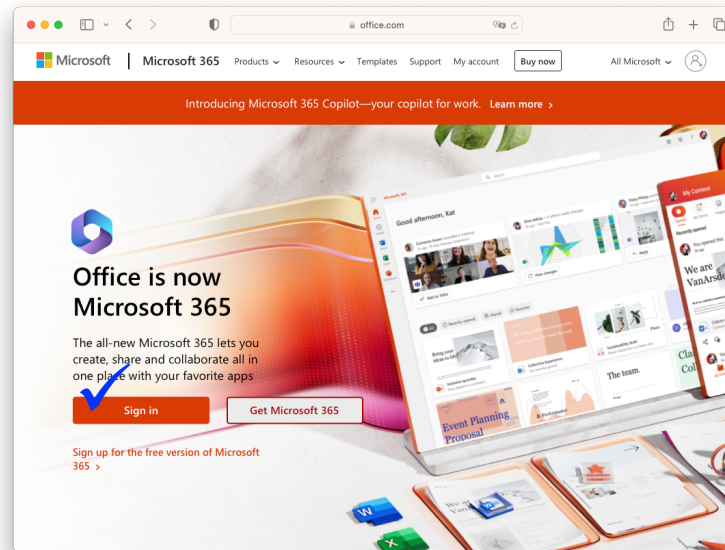
Registration

To register the security key to your Office365 or Azure account, each individual or organization member must register the security key as follows. The screen below is representative of using Office.com for businesses.

Security key registration site:

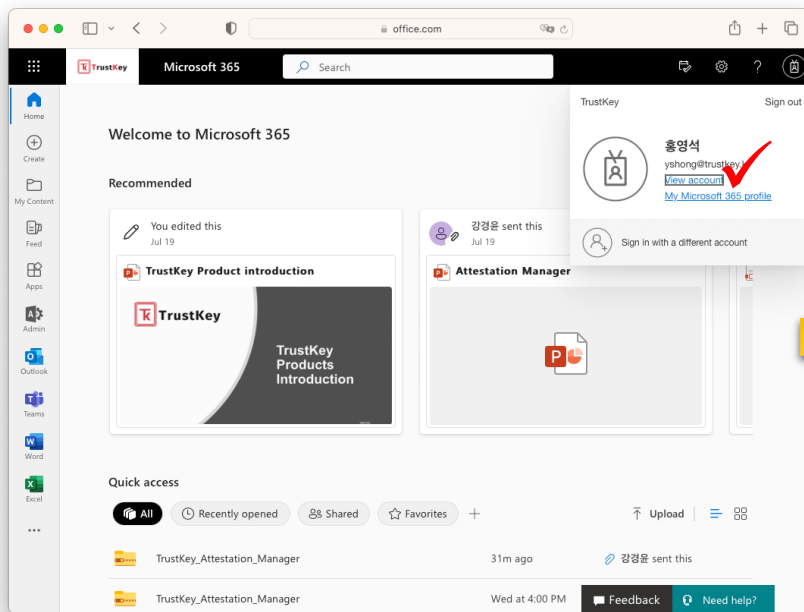
<https://www.office.com>,

<https://login.microsoftonline.com>

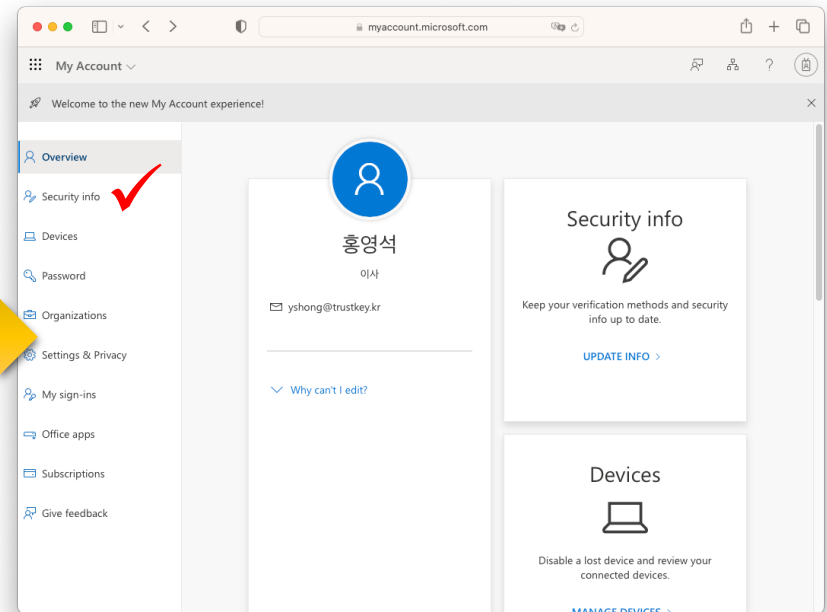


Sign in

Registration

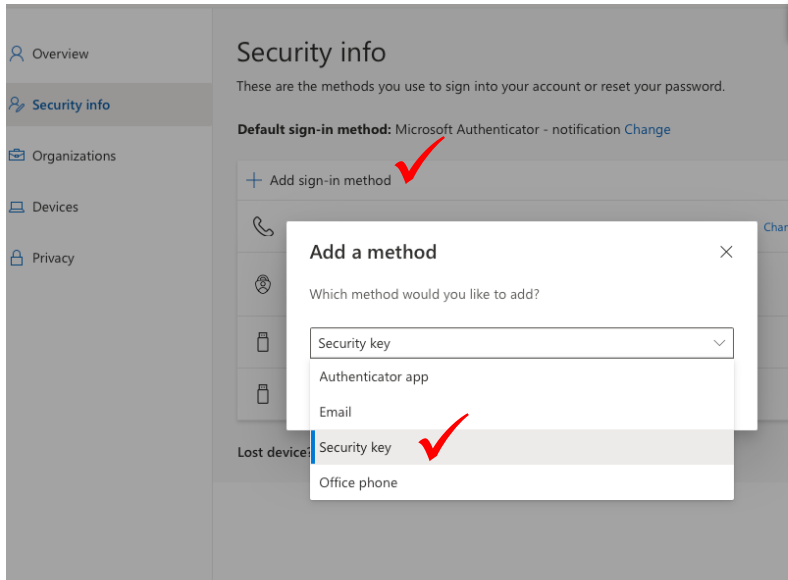


View account

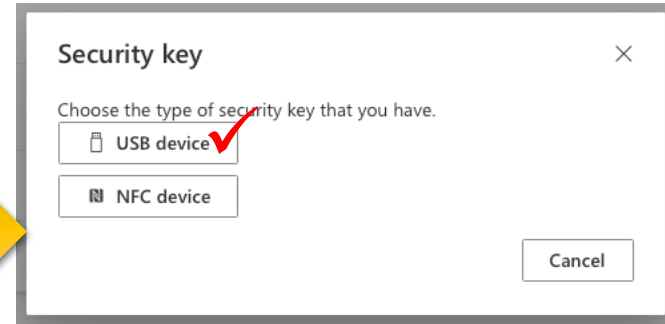


Security Info

Registration

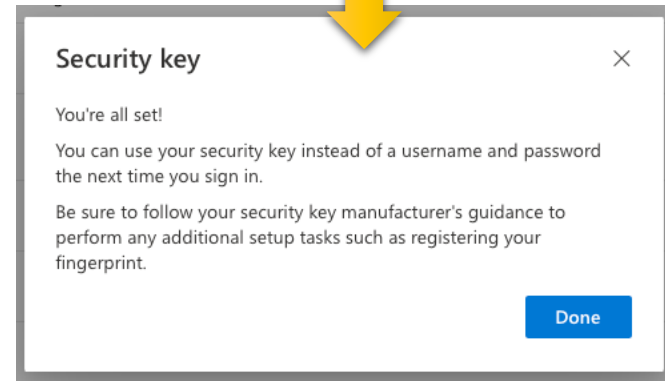
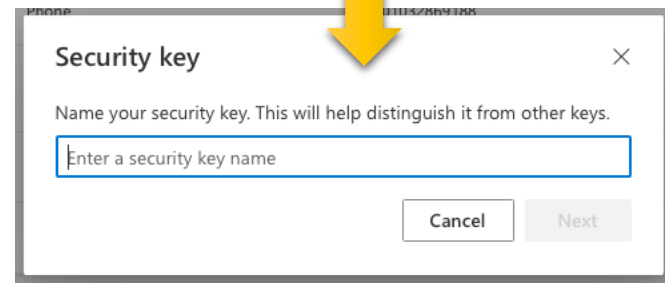


Add sign-in method
Choose **Security key**

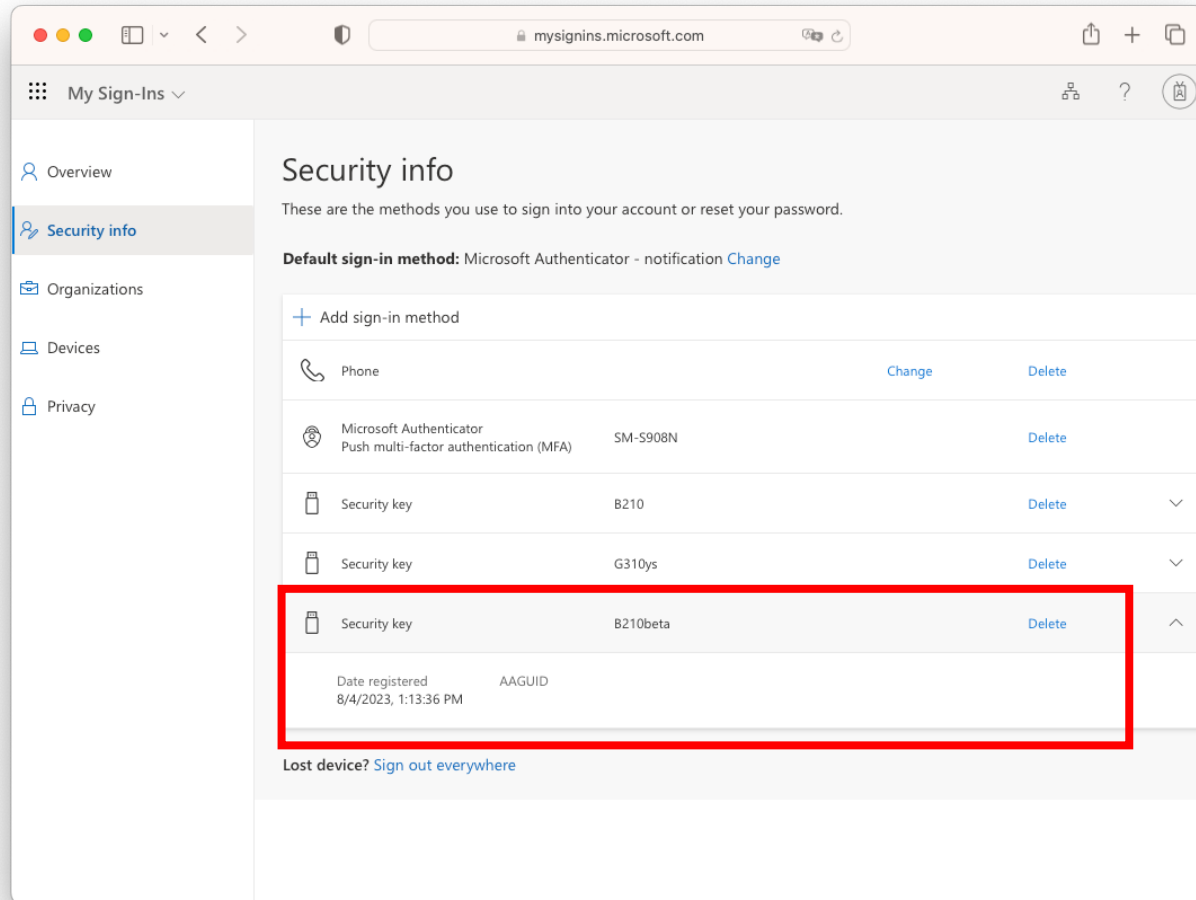


Click USB device

1. The security key must be inserted or inserted.
2. Touch the security key when it blinks.

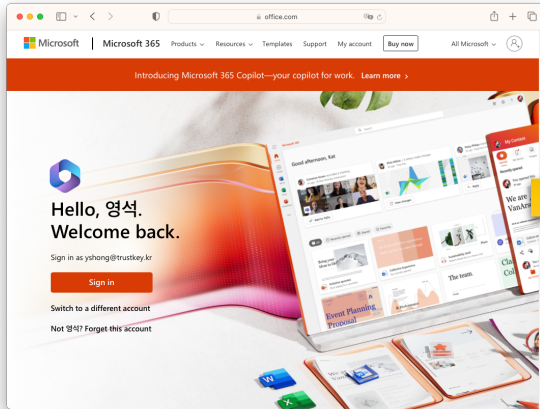


Registration

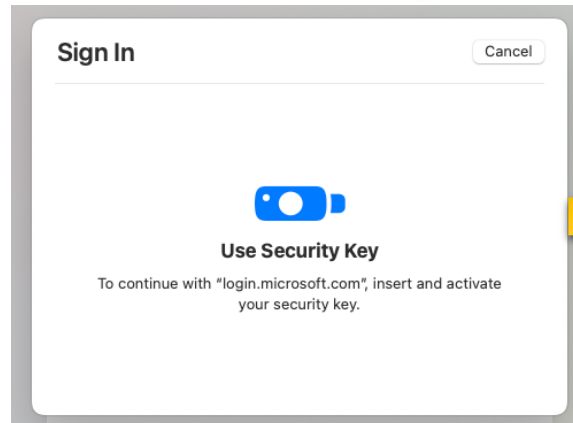
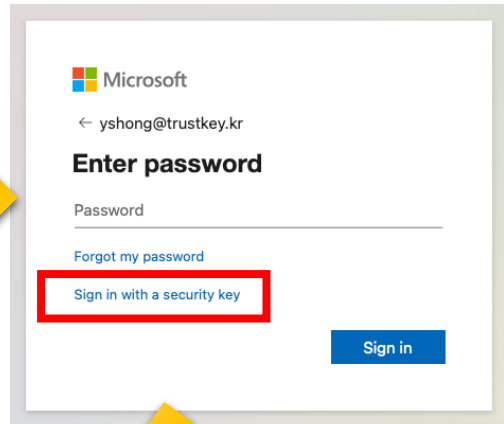


The newly registered security key appears in the list

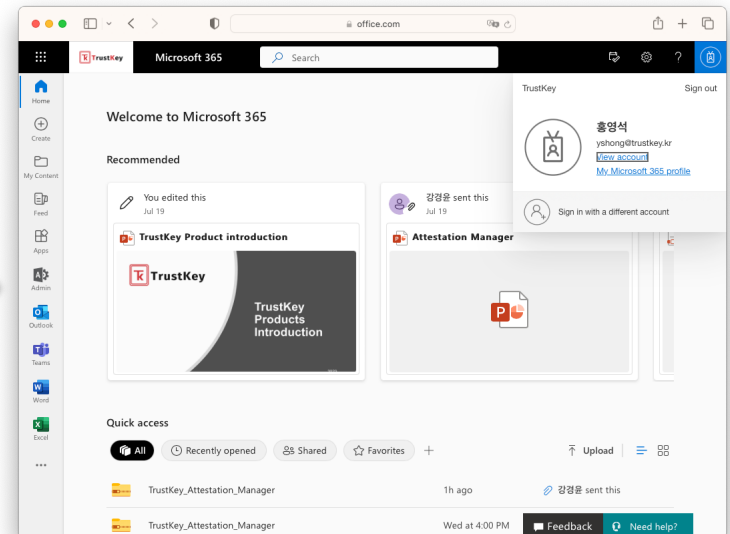
Office365 Log in



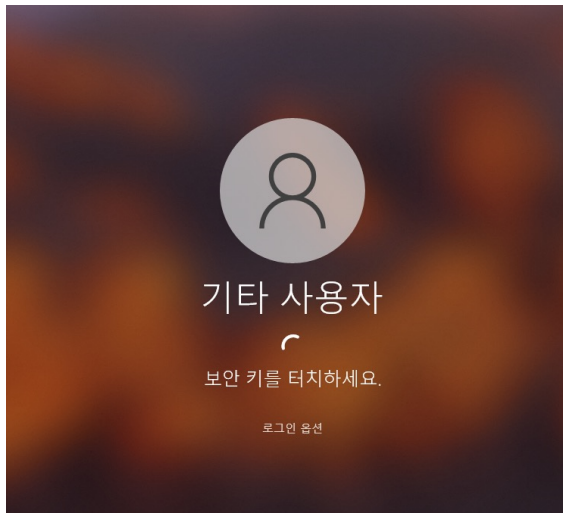
www.office.com
login.microsoftonline.com



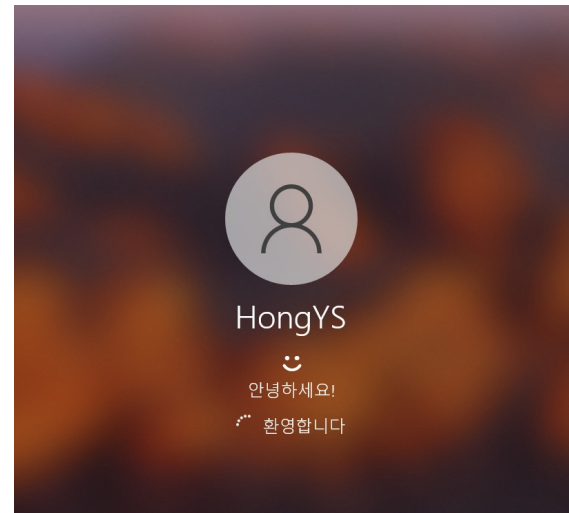
Insert the registered security key and touch.



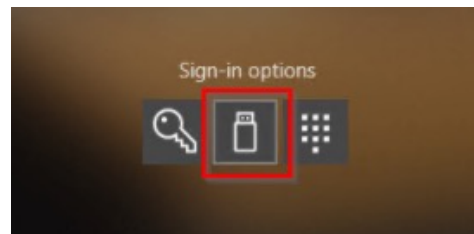
Windows Log in (AAD only)



Once setup is complete, the security key is available at Windows login.



Screen to log in and get user settings



When the security key is activated and the security key is plugged in, the icon visible in the Sign-in options.



Contact us : +65 96944441 / info@simplifyit.com.sg

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