FEITIAN FIDO Authenticator Fingerprint Management

Overview

Currently there are 3 methods to manage FIDO authenticator: FEITIAN BioPass FIDO2 Manager, Windows settings and Chrome Browser.

FEITIAN fingerprint manager

The **<u>BioPass FIDO2 Manager</u>** for Windows, Mac and Linux are available on FEITIAN website: <u>https://www.ftsafe.com/Support/Resources</u>. Or you can download them from Windows store or Apple APP store.

Note: enrollment of fingerprint needs to be done via USB cable.

Enroll your first fingerprint.

1) Launch the BioPass FIDO2 Manager and plug in the FEITIAN BioPass FIDO2. Figure 2, see below, will appear.

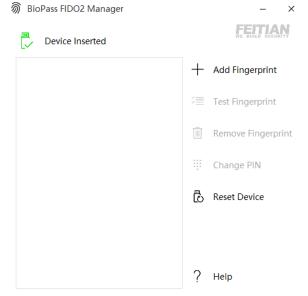


Figure 1 BioPass FIDO2 Manager

2) Click "Add Fingerprint." You can choose using fingerprint only or set both pin and fingerprint for a verification method as shown in Figure 3. (Once you choose one option, you cannot change to the other option without resetting the device)

Verification Mode Options		
Set Your Verification Mode:		
***	PIN and Fingerprint	
Ŵ	Fingerprint Only	

Figure 2 Verification Settings Page

3) If you choose "PIN and Fingerprint," you will then be prompted to set a PIN. Numbers, letters and special symbols are supported.

Note: Setting up a PIN using Biopass Manager requires user to touch the sensor to prove user presence.

Set PIN		×
Set PIN fo	or BioPass FIDO2	
•		
	ОК	
	- OK	

Figure 3 PIN Setup

Add Fingerprint

 \times

4) Add a fingerprint by following the instructions.

Great, touch sensor

Repeatedly lift and rest your finger on the sensor until setup is complete.

Figure 4 Fingerprint Enrollment

5) After a fingerprint has been successfully enrolled, a fingerprint will be listed in the text box.

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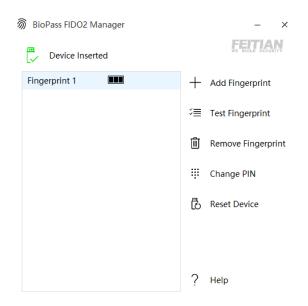


Figure 5 BioPass FIDO2 Manager with Fingerprint Enrolled

6) The BioPass FIDO2 Manager allows you to test your fingerprint, remove your fingerprint and change your pin to enjoy your secure authentication experience.

Test Fingerprint

This function is for the user to test the fingerprint verification.

Note: This testing function will trigger the **block device** procedure mentioned above.

Remove fingerprint

1) Choose the fingerprint you want to delete. ("Fingerprint 2" as shown in Figure 7)

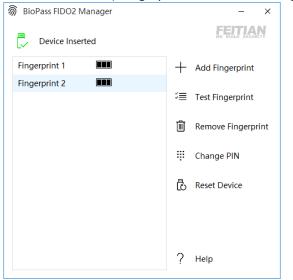


Figure 6 BioPass FIDO2 Manager with Fingerprint Enrolled

2) If a Pin has been enrolled, you will need to choose a verification option

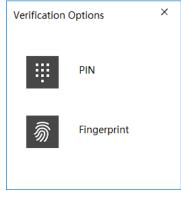


Figure 7 Verification Options

3) After verification, the fingerprint will be removed.

Change Pin

Press "Change PIN" in the BioPass FIDO2 manager to change a PIN.

Change PIN		×
Change PIN for BioPass FIDO	2	
Old PIN		
New PIN		
Confirm PIN		
_		
	Cancel	OK

Figure 8 Change PIN

Reset Device

Note: when you reset your device, all data stored will be deleted including your credentials.

This operation need to be done within 10 seconds after the security key is powered up, and a touch is needed to prove user presence.

Windows Settings

Users can manage fingerprint, PIN or reset a security key straightly from Windows settings page if the platform is Windows 10 1903 or above via the selection of Sign-in options/Security Key tab.

- Go to Windows Settings/ Sign-in options/Security Key tab and insert your FIDO security key.

Click Manage button.

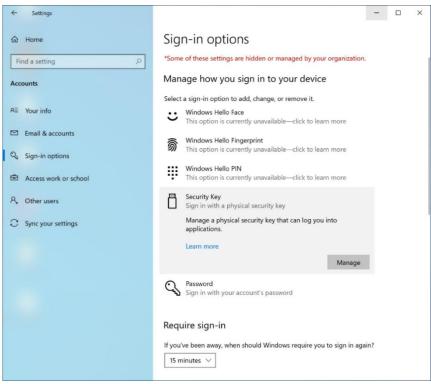


Figure 9 Windows 10 Security Key Settings Page

- Afterwards, the LED on security blinks, which requires user to touch the sensor.

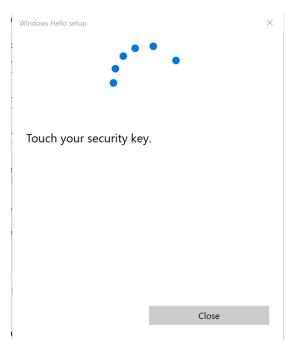


Figure 2 touch the security key

Windows	Hello setup X
<u>ଚ</u> ି	Security Key Fingerprint Personalize your security key Set up
ٿ ت	Security Key PIN Creating a PIN for your security key helps keep you secure Add Reset Security Key Remove everything from this security key and reset to factory settings Reset
	Close

Figure 3 security key manage UI

- Before you can manage fingerprint, you need to set a PIN. You are able to change the PIN if PIN is already set.

an eady see	
Note: PIN length is between	4 – 63 characters.
	140 I III -

llo setup		×
a security key P	IN	
New security key PIN	1	
Confirm security key	PIN	
ОК	Cancel	
	New security key PIN Confirm security key	a security key PIN New security key PIN Confirm security key PIN

Figure 4 Add security key PIN

- Fingerprint enrollment

Click <u>Set up</u> to enroll a fingerprint, this requires user to input PIN. The enrollment process requires user to touch sensor 4 times. You are able to **remove** fingerprints if there is at least one enrolled.

Windows	Hello setup X
<u></u>	Security Key Fingerprint Personalize your security key Set up
ı ت	Security Key PIN Creating a PIN for your security key helps keep you secure Change Reset Security Key Remove everything from this security key and reset to factory settings Reset
	Close

Figure 5 security key manage UI

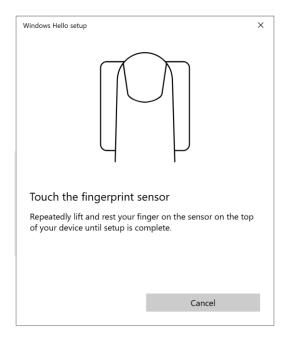


Figure 6 fingerprint enrollment

- Reset the security key.

Note: Resetting requires to be done with 10 seconds after powering up, and touch twice is needed to prove user presence.

Follow the guide windows to finish reset.

Windows Hello setup	•
	Cancel
Windows Hello setup	
	Cancel
Windows Hello setup	×
	Cancel

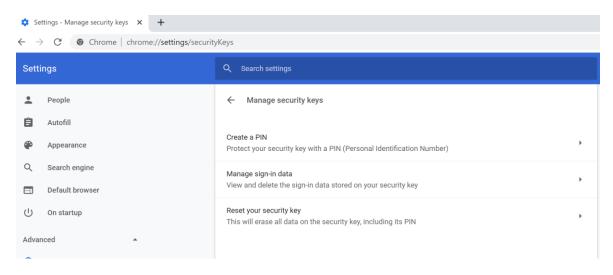
Figure 7 Reset the security key

Chrome Browser

Chrome Version 79 or above on Windows, Mac or Linux are able to manage FIDO security key. This chapter use Windows as an example.

Note: if you are using Chrome on Windows 1903, you need override this by running Chrome as Administrator with the command line flag --disable-features=WebAuthenticationUseNativeWinApi.

 Go to chrome/settings/on stratup/advanced/Manage security keys, or directly visit the link: chrome://settings/securityKeys



- Then you are able to manage PIN, sign-in data(Resident credentials) and reset.
- If you are wondering about fingerprint enrollment specifically, you still need to set <u>--enable-</u> <u>features=WebAuthenticationBiometricEnrollment</u> to enable the feature. Chrome team is working on it to have it default-enabled in Chrome 80 in the near future.

🔅 Si	Settings - Manage security keys × +		
← -	← → C (♥ Chrome chrome://settings/securityKeys		
Settings Q Search settings		Q Search settings	
•	People	← Manage security keys	
Ê	Autofill		
۲	Appearance	Create a PIN Protect your security key with a PIN (Personal Identification Number)	•
Q	Search engine	Manage sign-in data	•
	Default browser	View and delete the sign-in data stored on your security key	
Ċ	On startup	Reset your security key This will erase all data on the security key, including its PIN	•
Adva	Privacy and security	Manage fingerprints Add, rename, and delete fingerprints saved on your device	•

- Set a PIN

You are able create a PIN or change PIN by clicking <u>Create a PIN</u>. Note: PIN length is between 4 - 63 characters.

Create a PI	I
-	v PIN. A PIN must be at least four characters long and can contain rs, and other characters.
PIN	Confirm PIN
T	Ø
	Cancel Save

Manage PIN

- If you have resident credentials stored in authenticator, you are able to manage sign-in data by clicking **Manage sign-in data** button.

Security key sign-in data		
Website	Username	
Swebauthntest.azurewebsites.net	Bob Smith (bob@example.com)	
	Cancel	Remove

Manage sign-in data

 Reset security key Note: Reset requires to be done with 10 seconds after powering up, and touch twice is needed to prove user presence.

Reset your security key	
Can't reset this security key. Try resetting the key immediat	ely after inserting it.
	ок
Touch to confirm reset	
Touch your security key again to confirm reset. All informa security key, including its PIN, will be erased.	tion stored on the
	Cancel
Reset your security key	
Your security key has been reset	

Reset security key

- Manage fingerprints

You are able to add or remove fingerprint by typing <u>Manage fingerprints</u> button. But be noted that you need to set a PIN before managing fingerprints.

Add
Done



You can remove selected fingerprint if you have fingerprints enrolled.

Manage fingerprints	
Fingerprints on this security key	Add
Name	
FingerPrint00	×
	Done