FIDO BLE device paring with Windows or Mac

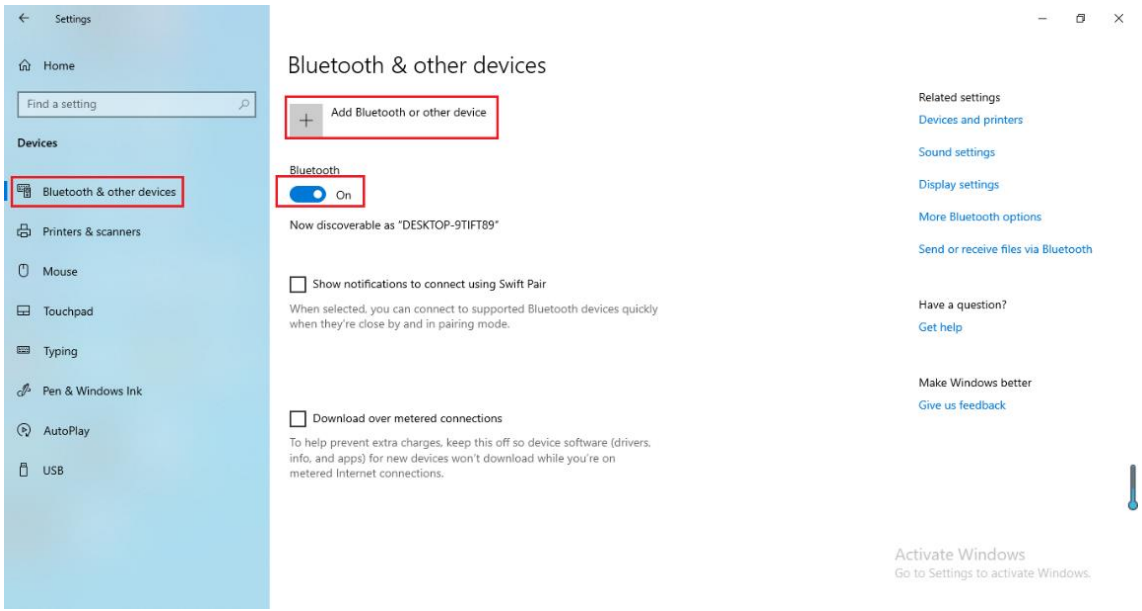
Overview

This document describes how to use a FIDO authenticator on Windows or Mac devices via BLE, paring process particularly. The FEITIAN AllinPass K33 will be used as an example in this article.

On Windows

Pair K33 security key to Windows

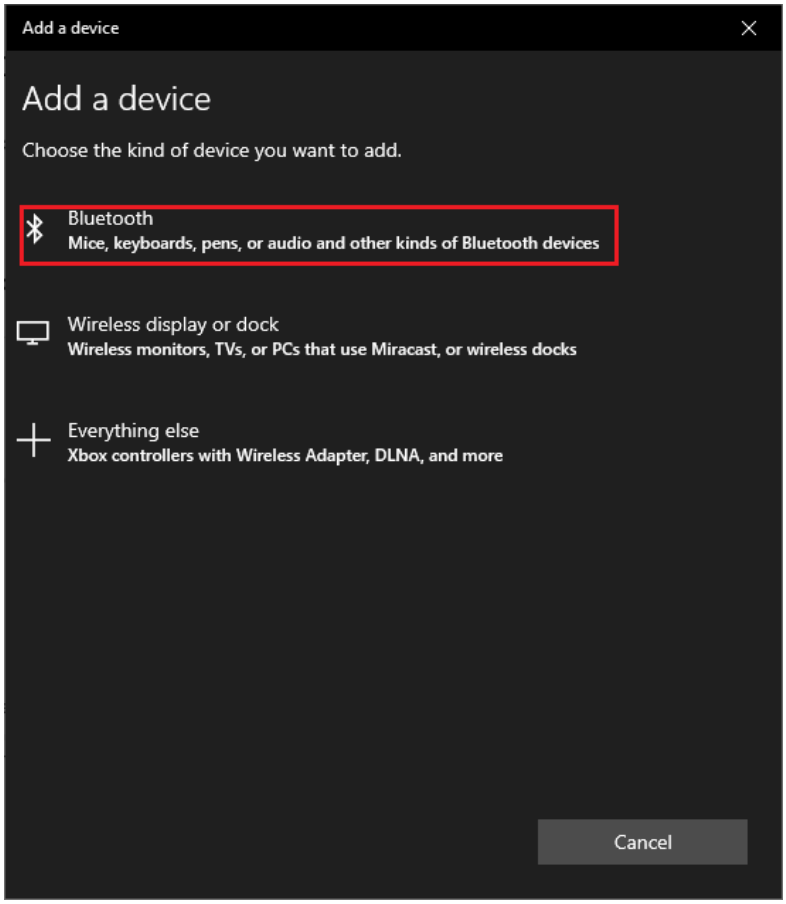
- Go to '**Windows Settings/Devices/Bluetooth and other device'**.
- And then click '**Add Bluetooth or other device'**.

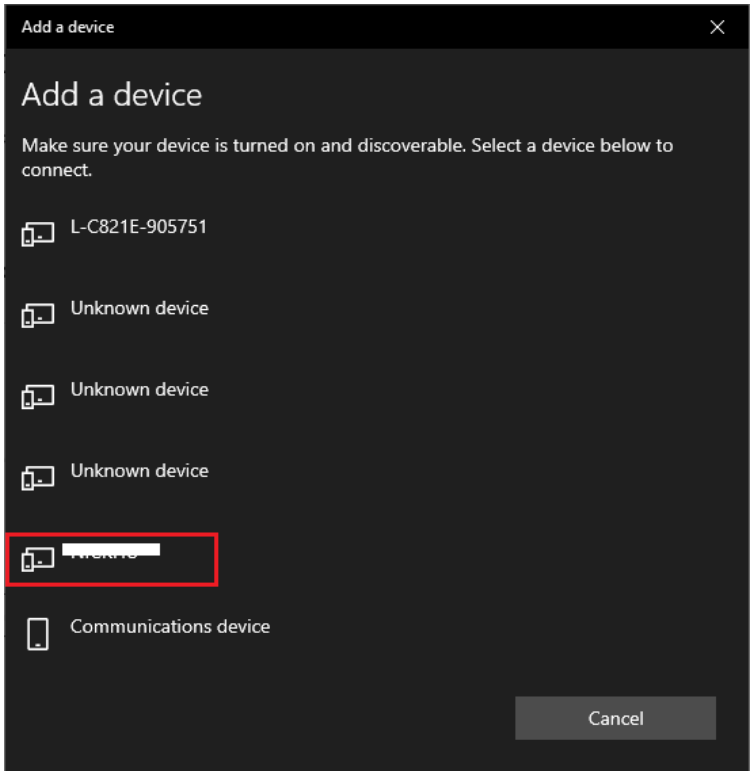


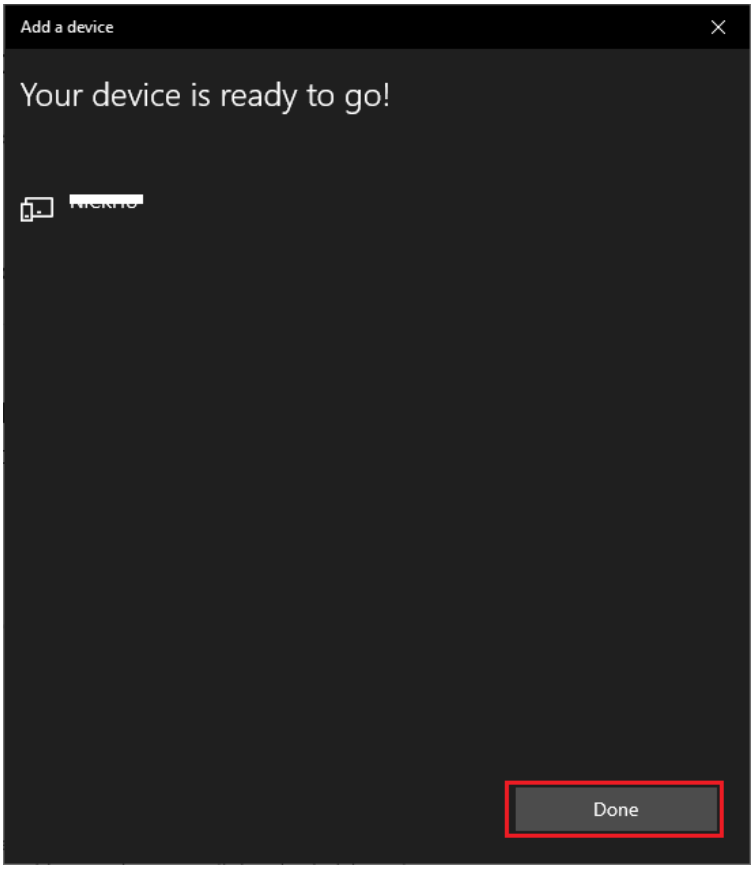
- Enable K33 BLE by long-pressing the button of K33 on the right side for about 5 seconds until Bluetooth LED blinks rapidly.

-

- Follow the pop-up instruction windows for pairing procedures as below:
Noted: the BLE device name should be FT_6 random characters or just 6 random characters.




Add a device
Add a device
Make sure your device is turned on and discoverable. Select a device below to connect.
L-C821E-905751
Unknown device
Unknown device
Unknown device
[redacted]
Communications device
Cancel

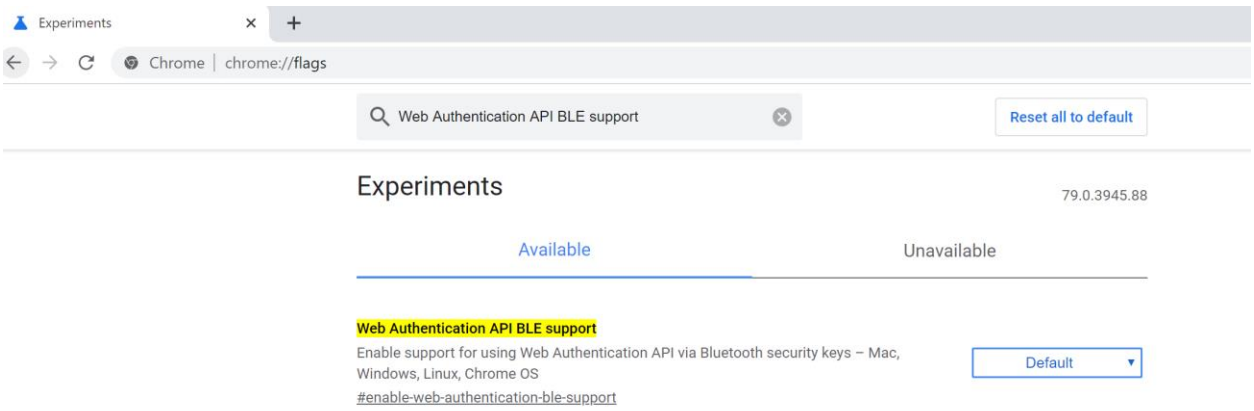

Add a device
Your device is ready to go!
[redacted]
Done

- Once all are done, you can now demo K33 with FIDO2 services using Bluetooth.

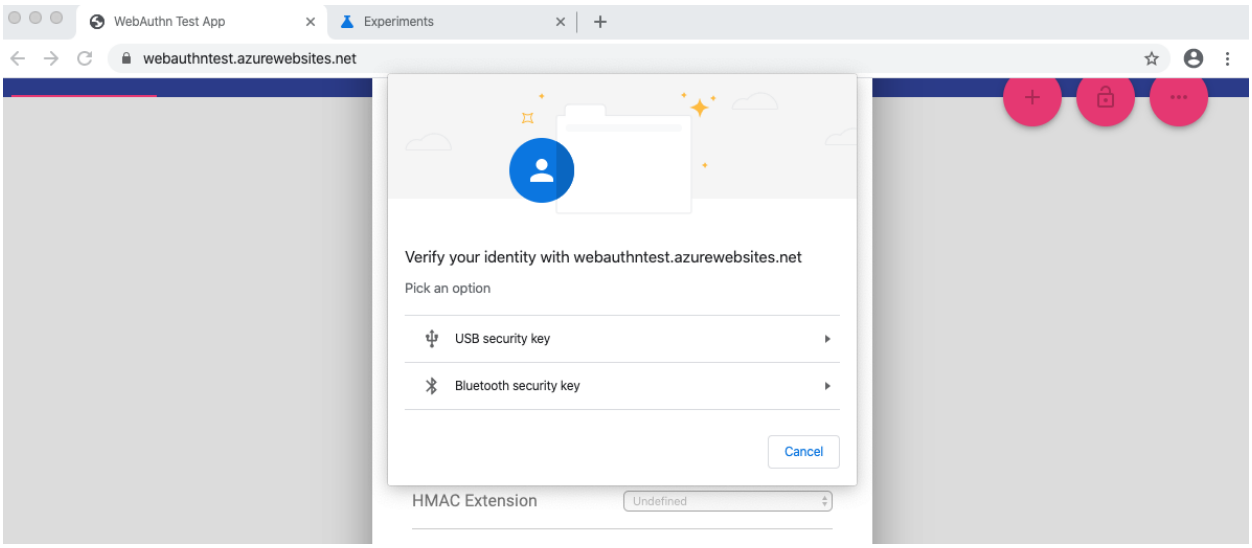
On Mac

Due to Mac OS restriction, paring a BLE device on Mac SHOULD be done within APP. Chrome is used as an example:

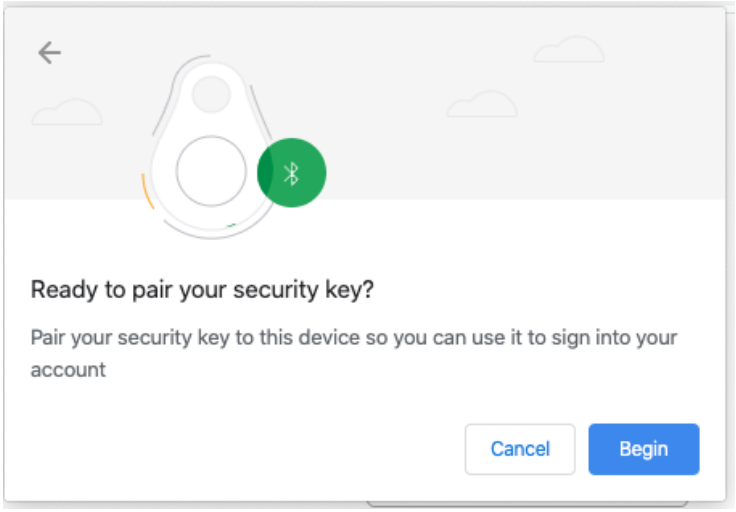
- Enable **'Web Authentication API BLE support'** inside Chrome by typing **Chrome://flags** and search **Web Authentication API BLE support,** change it from **default** to **enabled**.



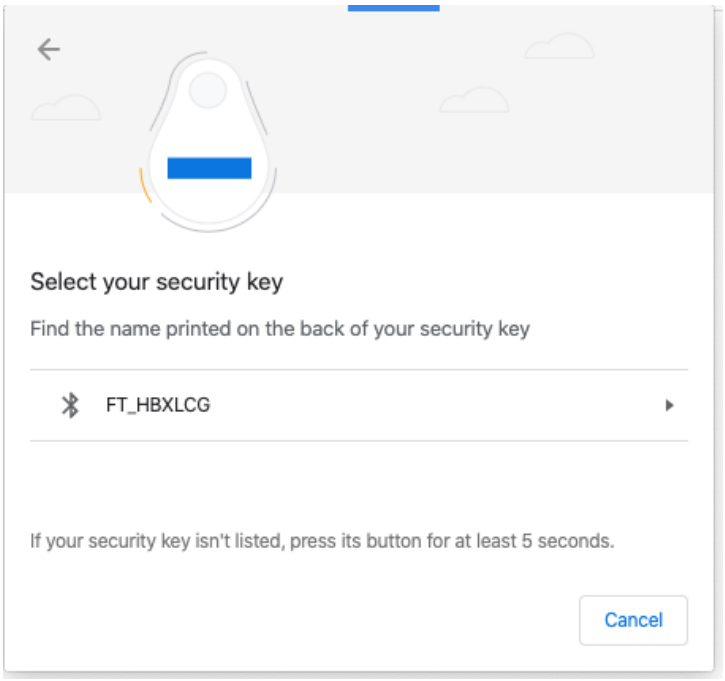
- Relaunch the Chrome.
- The Webauthn testing link: https://webauthntest.azurewebsites.net/ is used to demonstration.
  After you try to register a FIDO2 security key to the service, a pop up window will ask you to choose the security key type. Select **Bluetooth security key**.
- Long-press the button of K33 on the right side for about 5 seconds until Bluetooth LED blinks rapidly.



- Chrome will guide you to add a Bluetooth security key as below:
  Click **Begin** if your security key is ready.



- The name of FIDO Bluetooth device should be FT_6 random characters or just 6 random characters. Click it.



- Then you are ready to use FIDO Bluetooth authenticator with Chrome on Mac.