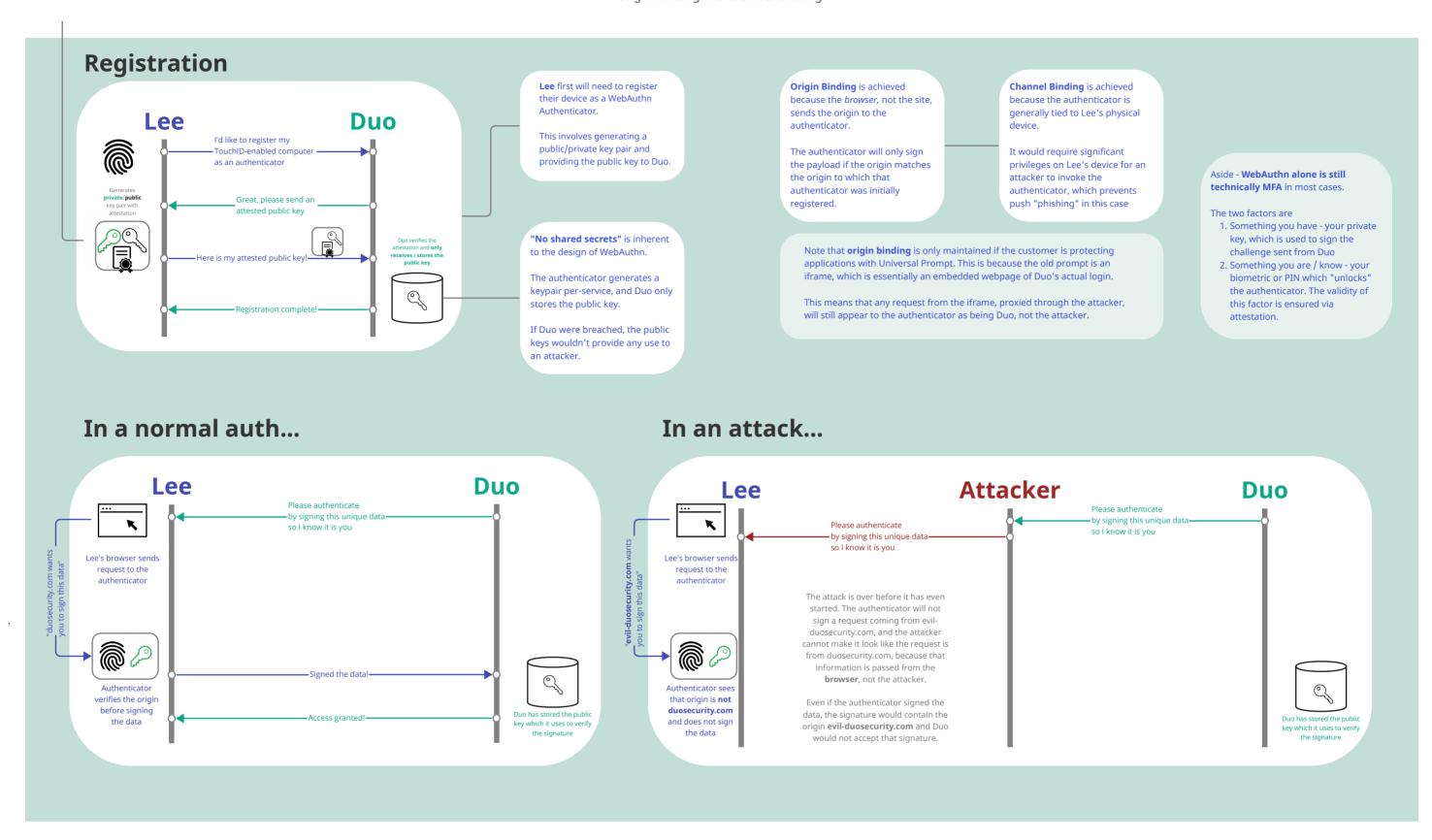
Attestation is essentially a certificate that verifies that the authenticator being used is from a trusted source.

This means that the authenticator says "I am using TouchID by Apple, and here is a certificate to prove it". Duo then verifies this certificate.

Attestation requires trust of the parties implementing the authenticator, and limits the user to only "trusted" authenticator implementations, such as Apple TouchID/FaceID, Windows Hello, and Yubico

WebAuthn and Why it Works

Three things must be true for an authentication method to be "unphishable". It must have **no shared secrets**, and it must enforce both **origin binding and channel binding.**



Aside: Properties of "Unphishable" Authentication in WebAuthn

No shared secrets means that the secret used to authenticate is unique to the authenticator, and is registered to only one application.

It is shared with no one - not even the verifying service (Duo)!

Duo only maintains the public key, which cannot be used to impersonate a user.

Origin binding means that an authenticator will only verify a user if the origin of the request to authenticate *matches* the origin of the service for which the authenticator was set up.

In other words, if an authenticator is registered with duosecurity.com, evilduosecurity.com cannot tell that authenticator to verify a user.

Channel binding means that an attacker is unable to prompt a user's authenticator, because the authenticator is strongly tied to the channel, being the user's browser.

Only the browser on the user's machine can prompt the authenticator to verify a user, making the authenticator resistant t "push phishing"

In an attack with the old Duo Prompt...

