
11

패스워드리스, 왜 Passkey인가?

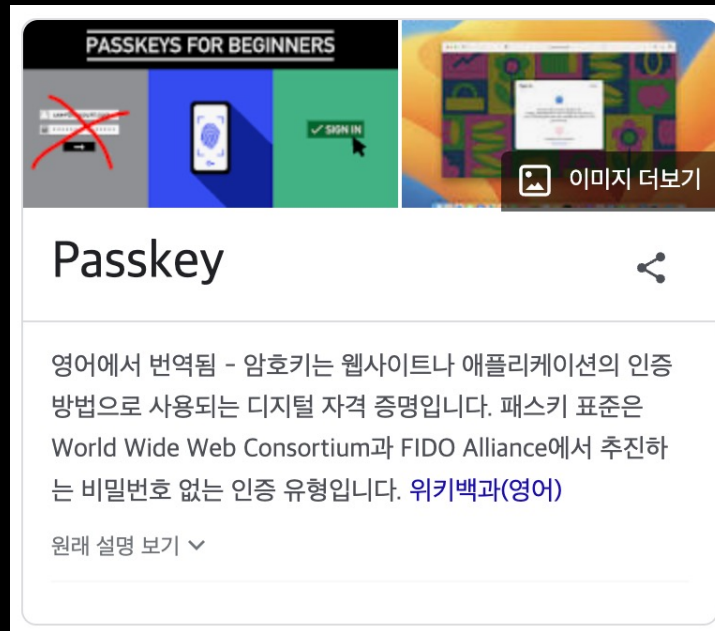
회원플랫폼개발팀 김용우

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1. Passkey 소개
2. Passkey의 장점
3. 고려해야 할 사항
4. 결론

Passkey 소개

패스키란?



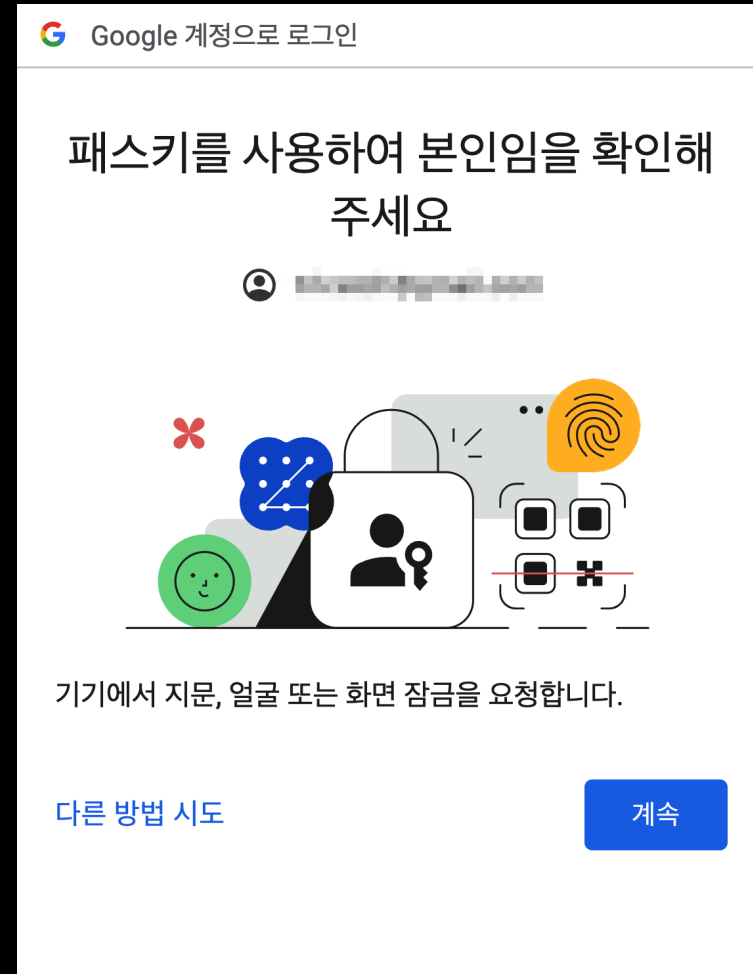
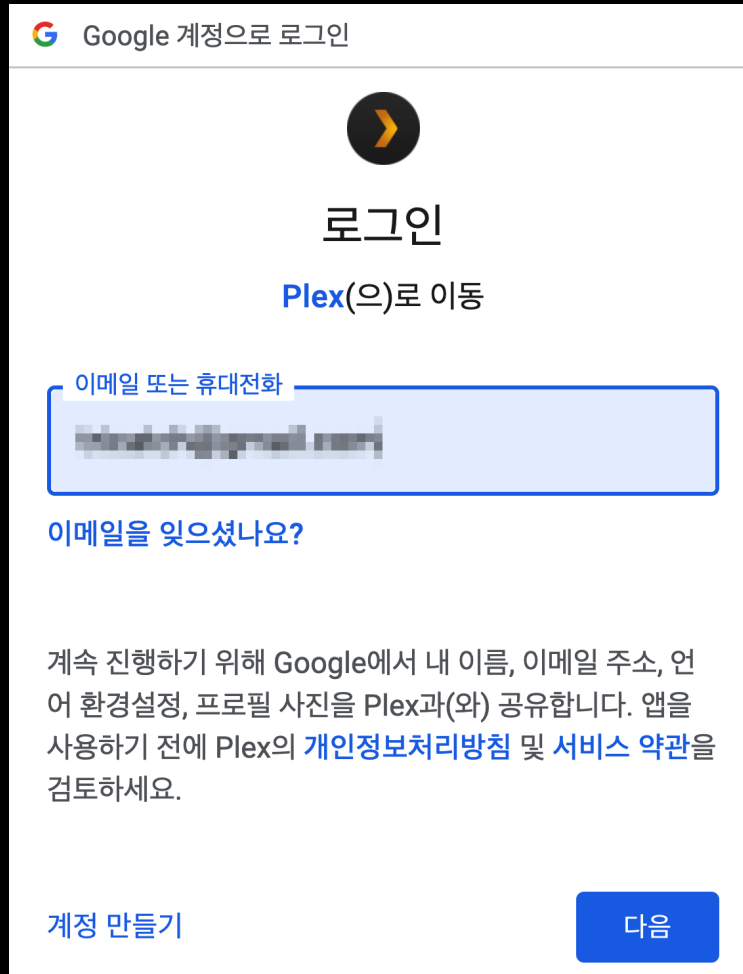
웹사이트

비밀번호 없는 인증

> 웹사이트에서도 지문/페이스아이디를 사용할 수 있다.

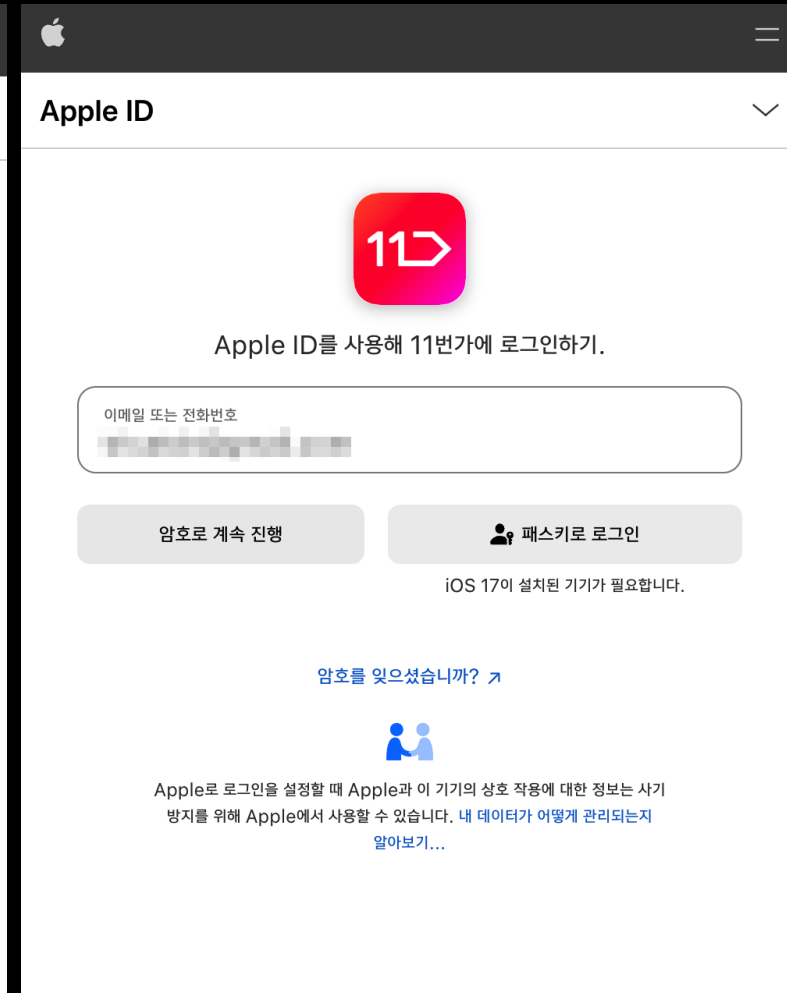
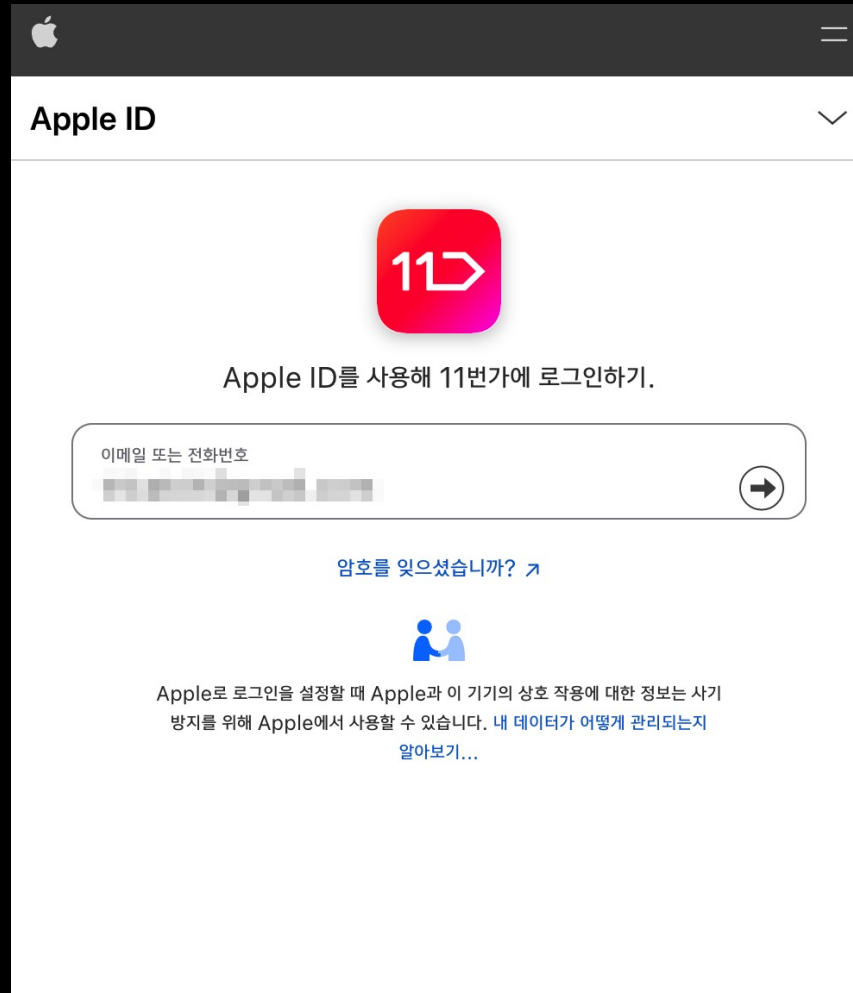
Passkey 소개

구글 로그인



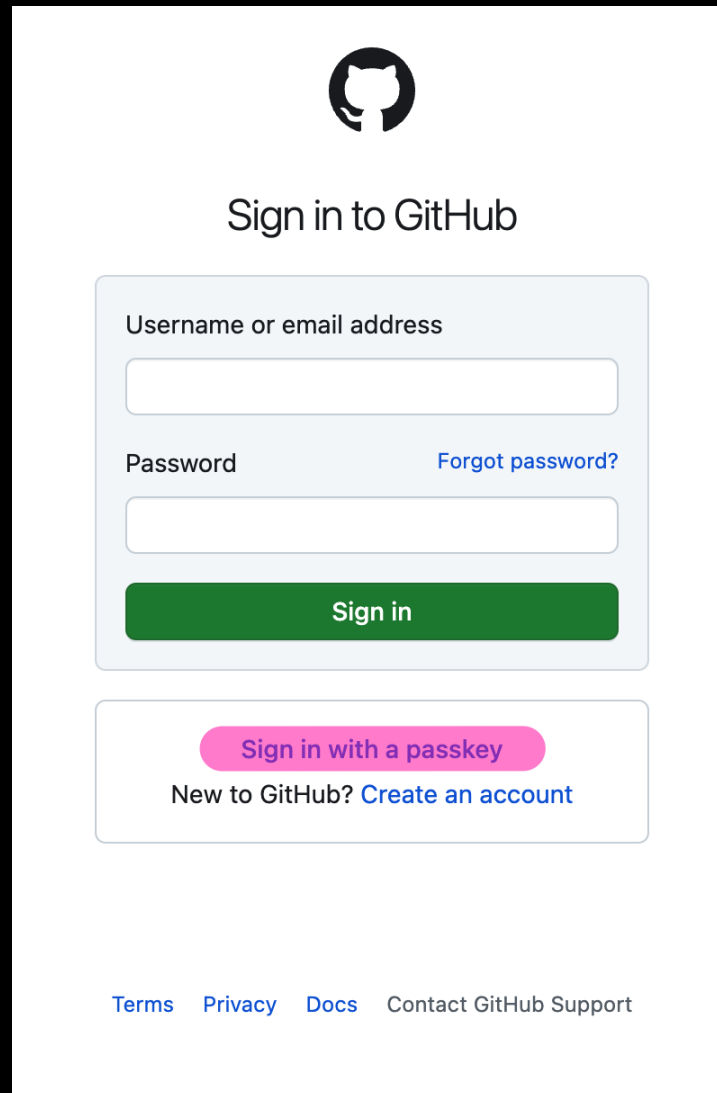
Passkey 소개

애플 로그인



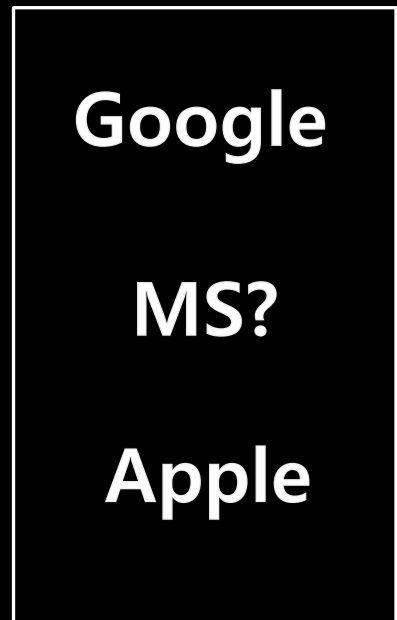
Passkey 소개

GitHub 로그인



The image shows a screenshot of the GitHub login page. At the top center is the GitHub logo. Below it, the text "Sign in to GitHub" is displayed. The main form contains two input fields: "Username or email address" and "Password". To the right of the password field is a link for "Forgot password?". Below the password field is a green "Sign in" button. At the bottom of the form is a pink button labeled "Sign in with a passkey". Below this button is the text "New to GitHub? Create an account". At the very bottom of the page, there are links for "Terms", "Privacy", "Docs", and "Contact GitHub Support".

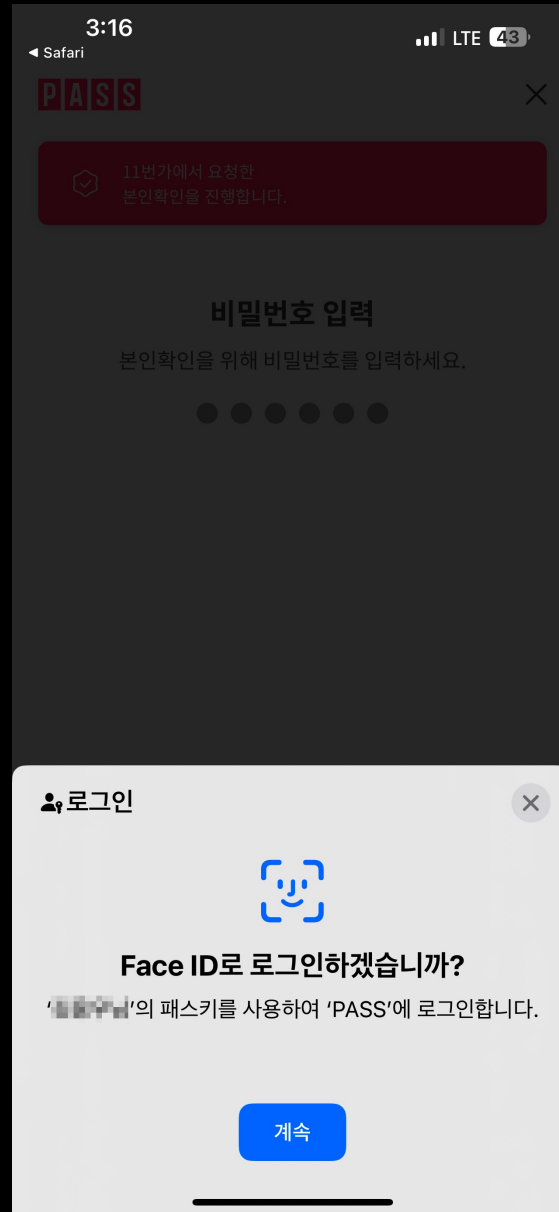
Passkey



Identity Provider

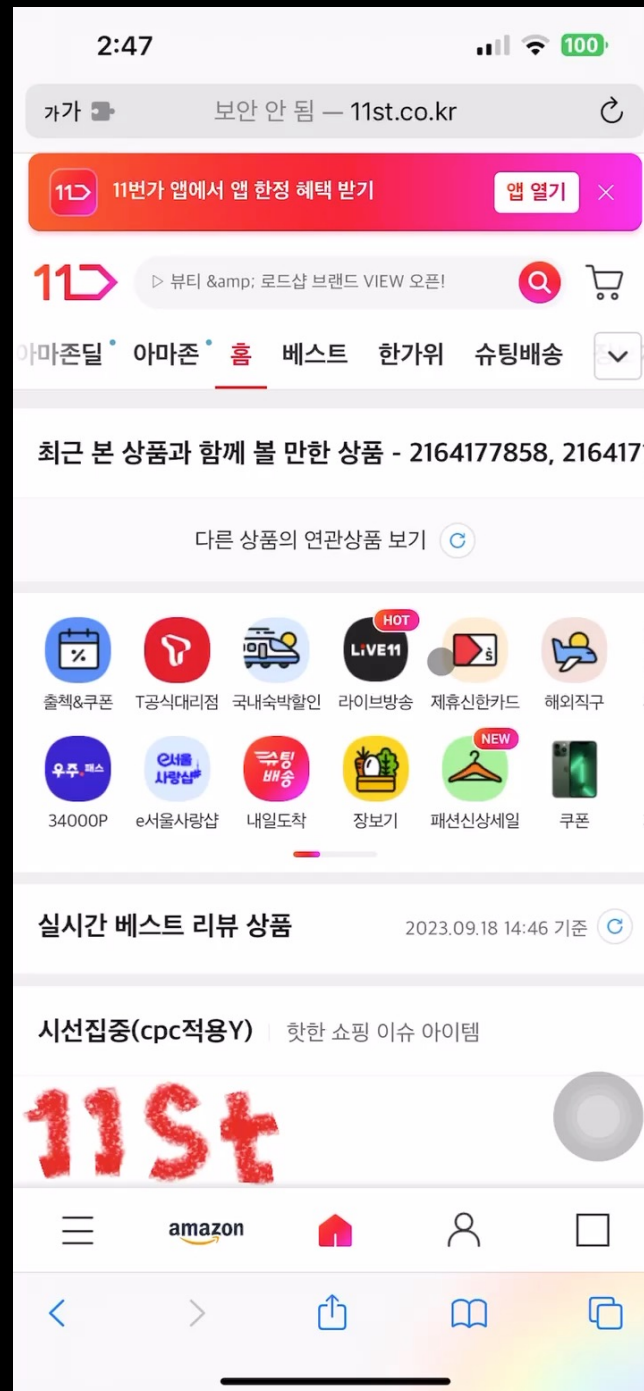
Passkey 소개

PASS 본인인증



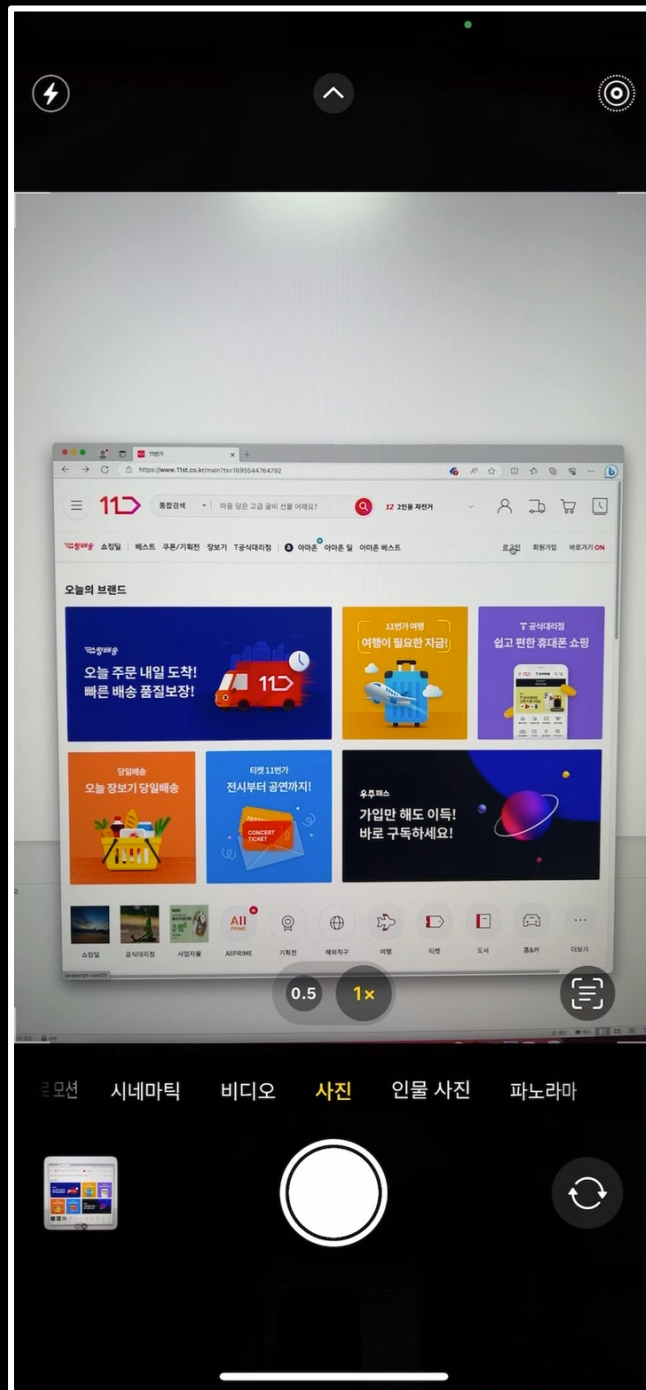
Passkey 소개

11번가 로그인



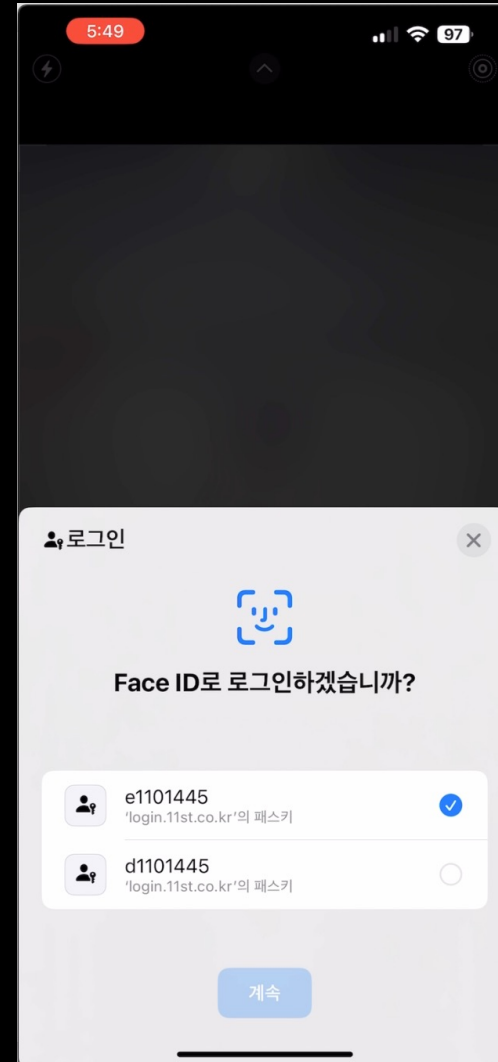
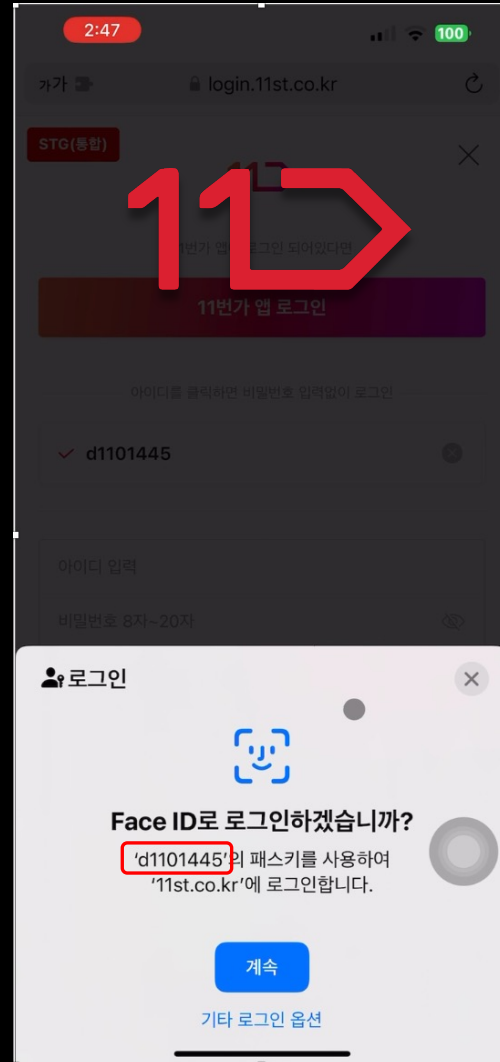
Passkey 소개

11번가 로그인



Passkey 소개

11번가 로그인



Passkey 장점

표준 인증 기술

2022

**WWW
+ FIDO**



**Browser, App, Exe
API**

Google, Apple, Microsoft

2019

**FIDO2
FIDO1.x
PKI**



**App, Exe
Lib**

3rd-Parties

**생체
공인
인증**

Passkey 장점

다양한 플랫폼

Browser ☆ ☆ ☆

App ☆ ☆ ☆

Exe ☆ ☆ ☆



Browser API

OS API

Chrome, Edge, Safari, ...

Windows, MacOS

Android, iOS

Browser ☆

App ☆ ☆

Exe ☆ ☆



Plugin, EXE

Lib

Chrome, Edge

Windows, MacOS

Android, iOS

생체
공인
인증


Passkey 장점


1-Reg, Everywhere





Passkey 장점

구글링 : Passkey, Webauthn

 W3C
https://www.w3.org › webauthn-2 ⋮
[An API for accessing Public Key Credentials](#)

 WebAuthn.io
https://webauthn.io ⋮
[WebAuthn.io](#)

 Google for Developers
https://developers.google.com › ... › Authentication ⋮
[Passwordless login with passkeys | Authentication](#)

 Apple Developer
https://developer.apple.com › passkeys ⋮
[Passkeys Overview](#)

Lib
3rd-Party
개발가이드
유지보수

생체
공인
인증

Passkey 장점

비교적 간단한 개발

<https://webauthn.io>

`navigator.credentials`

`.create(...)`

`.get(...)`

Android	iOS
Web/App	Web/App
Web	Web
Windows	macOS

Passkey 지원

Mobile

Android 9(API 수준 28), iOS 16, iPadOS 16
Chrome, Safari, Edge, Samsung Browser
iOS Webview(제한적)

PC

Windows 11 22H2, macOS 13
Edge, Chrome, Safari

고려해야할 사항

PC Passkey 등록

PC

Windows 11 22H2, macOS 13

Edge, Chrome, Safari

지문/핀? USB토큰 ? 모바일?

고려해야할 사항

App에서 사용한계

Android	iOS
Web/App	Web/App
Web	Web
Windows	macOS

Android : API +WebView

<https://domain/.well-known/assetlinks.json>

iOS : WebView

<https://domain/.well-known/apple-app-site-association>

webcredentials : login.11st.co.kr

고려해야할 사항

App에서 사용한계

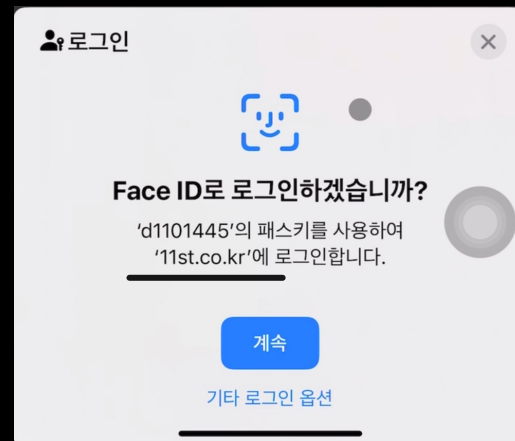
11st
Passkey

~~Naver
Kakao
Danawa
당근 ...~~

고려해야할 사항

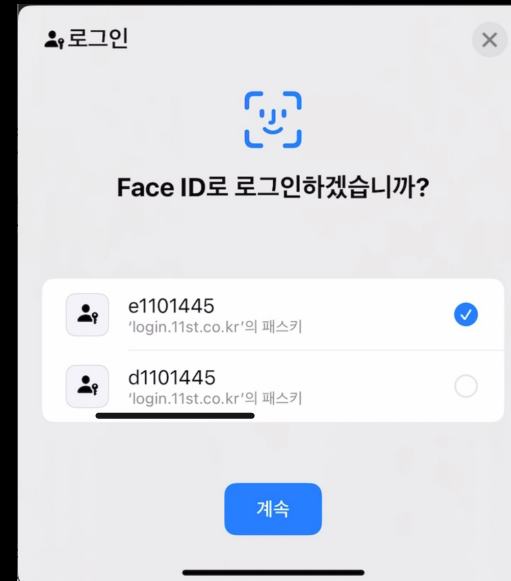
Domain : www.11st.co.kr

login.
member.



Android

<https://domain/.well-known/assetlinks.json>



iOS

<https://domain/.well-known/apple-app-site-association>

Passkey

▲
FIDO2

▲
FIDO1.x

▲
공인인증서

표준 인증 기술

다양한 플랫폼 지원

1-Reg, Everywhere

비교적 쉬운 개발, 유지보수 가능

Q&A

E-mail) trycatch@sk.com

Thank you