

Web3Auth Core Kit Single Factor Auth iOS SDK

You can use the Web3Auth [Single Factor Auth iOS SDK](#) as a library for your iOS app to authenticate users through Web3Auth. The SDK is written in Swift and allows for native use of the One Key flow, which starts with just one share of the key. This means that users can authenticate without redirection in a single key pair flow.

Using the Web3Auth SFA iOS SDK, you can authenticate users and reconstruct their private keys quickly and easily. Additionally, you can use the Web3Auth Plug and Play iOS SDK to redirect users to a Web3Auth-hosted screen (<http://app.openlogin.com>), which is suitable for most use cases. However, if you want more control over the UI and UX of the authentication process, you can customize the authentication flow to avoid redirection. This is possible with the new Web3Auth SFA iOS SDK, which allows you to use Web3Auth SFA iOS and prevent redirection to Openlogin-hosted screens.

This Documentation is based on the 2.0.3

SDK Version. [a](#)

Requirements [a](#)

- iOS 14+

note The minimum [pricing plan](#) to use this SDK in a production environment is the Growth Plan since custom verifier setup is a needed feature for Core Kit SDKs. You can use this SDK with all features enabled in the development environment for free.

Resources [a](#)

- [Quick Start](#)
- : Get Started with an easy to follow integration of Web3Auth
- [Example Applications](#)
- : Explore our example applications and try the SDK yourself.
- [Troubleshooting](#)
- : Find quick solutions to common issues faced by developers.
- [Source Code](#)
- : Web3Auth is open sourced. You can find the source code on our GitHub repository.
- [Community Support Portal](#)
- : Join our community to get support from our team and other developers. [Edit this page](#) [Previous Usage](#) [Next Install](#)