Initializing SFA iOS SDK

After Installation, the next step to use Web3Auth is to Initialize the SDK. However, the Initialization can be done in 2 ways,

- WithWeb3Auth.plist
- WithoutWeb3Auth.plist

Please note that these are the most critical steps where you need to pass on different parameters according to the preference of your project.

WithSingleFactorAuth.plist

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SetupSingleFactorAuth.plist

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In your application bundle add a plist file namedWeb3Auth.plist with the following information:

< plist

version

" 1.0 "

< dict

< key

ClientId </ key

< string

YOUR_WEB3AUTH_CLIENT_ID </ string

< key

Network </ key

< string

mainnet | testnet | cyan | aqua </ string

</ dict

</ plist

When you have a SingleFactorAuth.plist and you have specified your Web3Auth configuration there, you can simply construct your Web3Auth instance with

import

SingleFactorAuth

let singleFactorAuthArgs =

SingleFactorAuthArgs (network :

TorusNetwork . TESTNET) let singleFactoreAuth =

SingleFactorAuth (singleFactorAuthArgs : singleFactorAuthArgs)

WithoutWeb3Auth.plist

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If you don't have a Web3Auth.plist or want to use optional configurtion parameters, you can construct the Web3Auth instance with

import

SingleFactorAuth

let singleFactorAuthArgs =

SingleFactorAuthArgs (network :

TorusNetwork . TESTNET) let singleFactoreAuth =

SingleFactorAuth (singleFactorAuthArgs : singleFactorAuthArgs)

SingleFactorAuthArgs

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ThesingleFactoreAuth constructor takes an object calledSingleFactorAuthArgs as input. The below are the aviliable fields of theSingleFactorAuthArgs object.

Parameter Description network The Web3auth network to be used by the SDK. Supported values areTorusNetwork.MAINNET ,TorusNetwork.TESTNET ,TorusNetwork.CYAN ,TorusNetwork.AQUA networkUrl Custom network url for Web3Auth network. Used for internal testing purposes. Edit this page Previous Install Next Authentication