Providers for PnP Web SDKs

Providers are basically pre-configured RPC clients for different blockchains. They are used to interact with the blockchain network. Web3Auth provides you with a few common providers for the most commonly asked chains. In case of SSS-based private key providers, you can also use the private key of the user to connect to other blockchain networks.

Currently, Web3Auth supports the following private key providers:

Private Key Providers[â]

- [EIP1193 Private Key Provider for EVM Compatible Chains](#)
- [Solana Private Key Provider for Solana Blockchain](#)
- [XRPL Private Key Provider for XRPL Blockchain](#)
- [Common Private Key Provider for Connecting to any Blockchain](#)

Base Type Reference for Web3Auth Providers[â]

For facilitating these providers, Web3Auth exposes a IProvider which is a provider type helping you make standardized RPC calls to a blockchain.

This provider contains two functions, send and request . You can find its type reference below:

export

interface

IProvider

extends

SafeEventEmitter

{ sendAsync :

< T ,

IProvider =>

Promise < U

; send :

< T ,

U

(req :

JRPCRequest < T

, callback :

SendCallBack < U

)

=>

void ; request :

< T

(args: RequestArguments) => Promise>; }

export interface JRPCRequest extends JRPCBase { method :

string ; params ? :

T ; } export interface JRPCBase { jsonrpc ? :

JRPCVersion ; id ? :

JRPCId ; } export declare type JRPCVersion = "2.0"; export declare type JRPCId = number | string | void; export interface RequestArguments { method :

string ; params ? :

unknown [ ]

| object ; }