Topup your Wallet in PnP Web No Modal SDK

For topping up the wallet of a user, you can use theinitiateTopup() function. This method takes in the parameters of the selected payment provider and accordingly gives you the option to seamlessly add money to your user's wallet address directly.

note This is a paid feature and the minimumpricing plan to use this SDK in a production environment is theGrowth Plan . You can use this feature in the development environment for free. info This uses theTorus EVM Wallet UI Plugin andTorus Solana Wallet UI Plugin for the respective chains. Please install and configure the packages before using this function.

initiateTopup()

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- EVM
- Solana

Shows the TopUp modal to select local currency and amount to top up the wallet.

Exampleâ

import

{

WalletServicesPlugin

}

from

"@web3auth/wallet-services-plugin" ;

const walletServicesPlugin =

new

WalletServicesPlugin ( ) ; web3auth . addPlugin (walletServicesPlugin) ;

// Add the plugin to web3auth

await walletServicesPlugin . showCheckout ( ) ;

// Opens the TopUp modal Initiates the Top Up flow with selected provider.

Argumentsâ

- Table
- Interface

Parameter Type Description Mandatory provider PAYMENT_PROVIDER_TYPE ["moonpay" ,"wyre" ,"rampnetwork" ,"xanpool" ,"mercuryo" ,"transak"] Payment Provider name Yes params PaymentParams Payment Params object Yes

PaymentParams

â

Parameter Type Description Mandatory selectedAddress? string Address to send the funds to No selectedCurrency? string Default fiat currency for the user to make the payment in No fiatValue? number Amount to buy in the selectedCurrency No selectedCryptoCurrency? string Cryptocurrency to buy No cyptoAmount? number Amount Cryptocurrency to buy No async

initiateTopup (provider :

PAYMENT_PROVIDER_TYPE , params :

PaymentParams) :

Promise < void

{ if

(! this . torusWalletInstance . isLoggedIn)

throw

TorusWalletPluginError . web3AuthNotConnected ( ) ; await

this . torusWalletInstance . initiateTopup (provider , params) ; }

export

interface

PaymentParams

{ /* * *Address to send the funds to*/ selectedAddress ? :

string ; /* * *Default fiat currency for the user to make the payment in*/ selectedCurrency ? :

string ; /* * *Amount to buy in the selectedCurrency*/ fiatValue ? :

number ; /* * *Cryptocurrency to buy*/ selectedCryptoCurrency ? :

string ; /* * *Amount Cryptocurrency to buy*/ cryptoAmount ? :

number ; }

export

const

PAYMENT_PROVIDER

=

{ MOONPAY :

"moonpay" , WYRE :

"wyre" , RAMPNETWORK :

"rampnetwork" , XANPOOL :

"xanpool" , MERCURYO :

"mercuryo" , TRANSAK :

"transak" , }

as

const ;

Exampleâ

import

{

SolanaWalletConnectorPlugin

}

from

"@web3auth/solana-wallet-connector-plugin" ;

const torusPlugin =

new

SolanaWalletConnectorPlugin ({ torusWalletOpts :

{ } , walletInitOptions :

{ whiteLabel :

{ theme :

{

isDark :

true ,

colors :

{

primary :

"#00a8ff"

}

} , logoLight :

"https://web3auth.io/images/web3auth-logo.svg" , logoDark :

"https://web3auth.io/images/web3auth-logo---Dark.svg" , } , } , }) ;

await web3auth . addPlugin (torusPlugin) ;

// add plugin to web3auth instance

await torusPlugin . initiateTopup ("moonpay" ,

{ selectedAddress :

"wallet_address" , selectedCurrency :

"USD" ,

// Fiat currency fiatValue :

100 ,

// Fiat Value selectedCryptoCurrency :

"ETH" ,

// Cryptocurreny SOL, MATIC etc. }) ;

Supported Cryptocurrencyâ

Supported Cryptocurrency for each Payment Provider by Network

MOONPAY

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Network Supported Cryptocurrency mainnet AAVE ,BAT ,DAI ,ETH ,MKR ,MATIC ,USDT ,USDC matic ETH :eth_polygon ,MATIC :matic_polygon ,USDC :usdc_polygon bsc_mainnet BNB :bnb_bsc ,BUSD :busd_bsc avalanche_mainnet AVAX :avax_cchain

WYRE

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Network Supported Cryptocurrency mainnet AAVE ,BAT ,BUSD ,DAI ,ETH ,MKR ,UNI ,USDC ,USDT matic USDC :MUSDC avalanche_mainnet AVAX

RAMPNETWORK

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Network Supported Cryptocurrency mainnet ETH ,DAI ,USDC ,USDT matic MATIC_DAI ,MATIC_MATIC ,MATIC_USDC

avalanche_mainnet AVAX

XANPOOL

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Network Supported Cryptocurrency mainnet ETH ,USDT

MERCURYO

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Network Supported Cryptocurrency mainnet ETH ,BAT ,USDT ,DAI bsc_mainnet BNB ,BUSD ,1INCH

TRANSAK

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Network Supported Cryptocurrency mainnet AAVE ,DAI ,ETH ,USDC ,USDT ,CHAIN matic AAVE ,DAI ,MATIC ,USDC ,USDT ,WETH ,CHAIN bsc_mainnet BNB ,BUSD avalanche_mainnet AVAX

BANXA

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Network Supported Cryptocurrency mainnet ETH ,USDT ,BUSD ,LINK ,USDC ,CHZ ,BAT ,MANA ,AAVE ,COMP ,ENJ matic MATIC Edit this page Previous Multi Factor Authentication Next Show Wallet Connect Scanner