

useSendTransaction

[@biconomy/use-aa](#) • Hook

[@biconomy/use-aa](#) / useSendTransaction

Description

Sends a transaction, taking an erc20 token of choice as payment for the gas.

Parameters

```
type
Transaction
=
{ to :
string ; value : BigNumberish |
string ; data :
string ; } ;
type
UseSendSponsoredTransactionProps
=
{ / The transaction or transactions to send */ transactions : Transaction | Transaction [ ] ; /The BuildUserOpOptions
options. See https://bcnmy.github.io/biconomy-client-sdk/types/BuildUserOpOptions.html for further detail */ options ? :
BuildUserOpOptions ; } ;
```

Returns

[userOpReceipt](#)

```
type
UserOpResponse
=
{ userOpHash :
string ; wait ( _confirmations ? :
number ) :
Promise < UserOpReceipt
; waitForTxHash ( ) :
Promise < UserOpStatus
; } ;
```

Example

```
import
{ useSendTransaction , useUserOpWait , useSmartAccount , }
from
"@biconomy/useAA" ; import
```

```

{ polygonAmoy }
from
"viem/chains" ; import
{ encodeFunctionData , parseAbi }
from
"wagmi" ;
export
const
SendTx
=
( )
=>
{ const
{ smartAccountAddress }
=
useSmartAccount ( ) ;
const
{ mutate , data : userOpResponse , error , isPending , }
=
useSendTransaction ( ) ;
const
{ isLoading : waitIsLoading , isSuccess : waitIsSuccess , error : waitError , data : waitData , }
=
useUserOpWait ( userOpResponse ) ;
useEffect ( ( )
=>
{ if
( waitIsSuccess && waitData ?. success ===
"true" )
{ console . log ( "Successful mint: "
+ { polygonAmoy . blockExplorers . default . url } /tx/ { waitData ?. receipt ?. transactionHash } ) ; } } ,
[ waitIsSuccess ] ) ;
const
mintNftTx
=
( )
=> mutate ( { transactions :

```

```

{ to :
"0x1758f42Af7026fBbB559Dc60EcE0De3ef81f665e" , data :
encodeFunctionData ( { abi :
parseAbi ( [ "function safeMint(address _to)" ] ) , functionName :
"safeMint" , args :
[ smartAccountAddress ] , } ) , } , } , } ) ;
return
( < ErrorGuard

```

errors

```

{ [ error , waitError ] }

    < Button title = " Mint NFT " onClickFunc = { mintNftTx } isLoading = { isPending || waitIsLoading } /> </
    ErrorGuard

) ; } ;

```

Source

[hooks/useSendTransaction.ts:79](#) [Previous useSendSponsoredTransaction](#) [Next useSendWithdrawals](#)