useSession

@biconomy/use-aa •Hook

@biconomy/use-aa / useSession

Description

Uses a previously created session (see here) which sends transactions in the context of a users smart account.

Parameters

type

Transaction

=

{ to :

string ; value : BigNumberish |

string ; data :

string ; } ; type

UseSessionProps

=

{ / **The BuildUserOpOptions options. See https://bcnmy.github.io/biconomy-client-sdk/types/BuildUserOpOptions.html for further detail */ options ? : BuildUserOpOptions ;** / The whitelisted transaction *transactions : Transaction | Transaction [ ] ; /The index of the relevant session leaf. Defaults to zero/* correspondingIndex ? :

number ; } ;

Returns

userOpReceipt

type

UserOpResponse

=

{ userOpHash :

string ; wait (_confirmations ? :

number) :

Promise < UserOpReceipt

; waitForTxHash ( ) :

Promise < UserOpStatus

; } ;

Example

import

{ useSession , useUserOpWait ,

Options

```
}
from
"@biconomy/useAA" ; import
{ polygonAmoy }
from
"viem/chains" ; import
{ encodeFunctionData , parseAbi }
from
"wagmi" ;
export
const
UseSession
=
( { smartAccountAddress } )
=>
{ const
{ mutate , data : userOpResponse , error , isPending }
=
useSession ( ) ;
const
{ isLoading : waitIsLoading , isSuccess : waitIsSuccess , error : waitError , data : waitData , }
=
useUserOpWait ( userOpResponse ) ;
const
mintTx
=
( )
=> mutate ( { transactions :
{ to :
"0x1758f42Af7026fBbB559Dc60EcE0De3ef81f665e" , data :
encodeFunctionData ( { abi :
parseAbi ( [ "function safeMint(address _to)" ] ) , functionName :
"safeMint" , args :
[ smartAccountAddress ] , } ) , } , options :
Options . Sponsored , } ) ;
useEffect ( ( )
=>
```

{ if

(waitIsSuccess && waitData ?. success ===

"true")

{ console . log ("Successful mint: "

+ { polygonAmoy . blockExplorers . default . url } /tx/ { waitData ?. receipt ?. transactionHash }   ) ; } } ,

[waitIsSuccess]) ;

return

(< ErrorGuard

errors

{ [error , waitError] }

> < Button title = " Use Session to Mint " onClickFunc = { mintTx } isLoading = { isPending || waitIsLoading } /> </ ErrorGuard
>
>) ; } ;

Source

hooks/useSession.ts:87 Previous useSendWithdrawals Next useSmartAccount