

Magic Link

Our Smart Accounts are signer agnostic, in this how to guide we'll show you how to incorporate Magic Link for creating a login experience that uses google login/email/or connect wallet all using the Magic Link UI. You can also add more features such as Social Login by building on top of these snippets, check out the official [Magic Documentation](#) for more information.

tip Check out an end-to-end integration of Magic with Biconomy on this [example app](#) and [repo](#) !

Dependencies

You will need the following dependencies to create a Smart Account this way:

```
yarn add @biconomy/account magic-sdk ethers@5.7.2
```

Imports

```
import
{ createSmartAccountClient , LightSigner }
from
"@biconomy/account" ; import
{ Wallet , providers , ethers }
from
"ethers" ; import
{ Magic }
from
"magic-sdk" ;
```

Magic Link Configuration

Magic will require api keys which you can get from the [Magic Dashboard](#) .

```
import
{ Magic }
from
"magic-sdk" ;
// Initialize the Magic instance export
const magic =
new
Magic ( "YOUR_API_KEY" ,
{ network :
{ rpcUrl :
"" , chainId :
11155111 ,
// or preferred chain } , } ) ;
```

Create the Biconomy Smart Account

```
const
```

```

connect
=
async
( )
=>
{ try
{ await magic . wallet . connectWithUI ( ) ; const web3Provider =
new
ethers . providers . Web3Provider ( magic . rpcProvider , "any" ) ;
const smartAccount =
await
createSmartAccountClient ( { signer : web3Provider . getSigner ( )
as LightSigner , bundlerUrl :
"" ,
// <-- Read about this at https://docs.biconomy.io/dashboard#bundler-url biconomyPaymasterApiKey :
"" ,
// <-- Read about at https://docs.biconomy.io/dashboard/paymaster rpcUrl :
""

// <-- read about this at https://docs.biconomy.io/Account/methods#createsmartaccountclient } ) ;
const address =
await smartAccount . getAccountAddress ( ) ; }
catch
( error )
{ console . error ( error ) ; } } Previous Privy Next DFNS

```