

```
D4D4D4;--ch-t-background: #1E1E1E;--ch-t-lighter-
inlineBackground: #1e1e1ee6;--ch-t-editor-background:
#1E1E1E;--ch-t-editor-foreground: #D4D4D4;--ch-t-editor-
rangeHighlightBackground: #ffffff0b;--ch-t-editor-
infoForeground: #3794FF;--ch-t-editor-
selectionBackground: #264F78;--ch-t-focusBorder:
#007FD4;--ch-t-tab-activeBackground: #1E1E1E;--ch-t-
tab-activeForeground: #ffffff;--ch-t-tab-
inactiveBackground: #2D2D2D;--ch-t-tab-
inactiveForeground: #ffffff80;--ch-t-tab-border: #252526;--
ch-t-tab-activeBorder: #1E1E1E;--ch-t-editorGroup-
border: #444444;--ch-t-editorGroupHeader-
tabsBackground: #252526;--ch-t-editorLineNumber-
foreground: #858585;--ch-t-input-background: #3C3C3C;-
-ch-t-input-foreground: #D4D4D4;--ch-t-icon-foreground:
#C5C5C5;--ch-t-sideBar-background: #252526;--ch-t-
sideBar-foreground: #D4D4D4;--ch-t-sideBar-border:
#252526;--ch-t-list-activeSelectionBackground: #094771;--
ch-t-list-activeSelectionForeground: #ffffffe;--ch-t-list-
hoverBackground: #2A2D2E; }
```

Send Transactions

This guide will teach you how to deploy new Safe accounts and create, sign, and execute Safe transactions using the Safe React Hooks.

For more detailed information, see the [Safe React Hooks Reference](#).

Prerequisites

- [Node.js and npm\(opens in a new tab\)](#)

Install dependencies

First, you need to install some dependencies.

```
_10 pnpm add @safe-global/safe-react-hooks
```

Steps

Imports

Here are all the necessary imports for this guide.

```
_10 import { _10 SafeProvider, _10 createConfig, _10 useSafe, _10 useSendTransaction, _10 SendTransactionVariables,
_10 useConfirmTransaction, _10 ConfirmTransactionVariables _10 } from '@safe-global/safe-react-hooks' _10 import {
```

sepolia } from 'viem/chains'

Create a signer and provider

Firstly, you need to get a signer, which will be the owner of a Safe account after it's deployed.

This example uses a private key, but any way to get an EIP-1193 compatible signer can be used.

```
_10 const SIGNER_ADDRESS = // ... _10 const SIGNER_PRIVATE_KEY = // ... _10 _10 const RPC_URL =  
'https://rpc.ankr.com/eth_sepolia'
```

Initialize the Safe React Hooks

You need to wrap your app with the [SafeProvider](#) to have access to the different Safe React Hooks like `useSendTransaction()`, `useConfirmTransaction()`, and `usePendingTransactions()` that will provide the functionality you need in this guide.

`SafeProvider` receives a `config` object with different properties to create the global configuration that you can get from the [createConfig](#) function.

New Safe account Existing Safe account When deploying a new Safe account for the connected signer, you need to pass the configuration of the Safe in the `safeOptions` property. In this case, the Safe account is configured with your signer as the only owner.

```
_10 const config = createConfig({ _10 chain: sepolia, _10 provider: RPC_URL, _10 signer: SIGNER_PRIVATE_KEY, _10  
safeOptions: { _10 owners: [SIGNER_ADDRESS], _10 threshold: 1 _10 } _10 }) To apply the global configuration to your  
app, pass the created config to the SafeProvider.
```

```
_10 _10 _10
```

Create a Safe transaction

Create an array of Safe transactions to execute.

```
_10 const transactions = [{ _10 to: '0x...', _10 data: '0x', _10 value: '0' _10 }]
```

Send the Safe transaction

Create a `SendTransaction` component in your application to create and send a transaction.

If you configured your Safe with `threshold` equal to 1, calling the `sendTransaction` function from the [useSendTransaction](#) hook will execute the Safe transaction. However, if the `threshold` is greater than 1 the other owners of the Safe will need to confirm the transaction until the required number of signatures are collected.

```
SendTransaction.tsx _15 function SendTransaction() { _15 const { sendTransaction } = useSendTransaction() _15 _15  
const sendTransactionParams: SendTransactionVariables = { _15 transactions _15 } _15 _15 return ( _15
```

```
    sendTransaction(sendTransactionParams)> _15 Send Transaction  
    _15 ) _15 } _15 _15 export default
```

`SendTransaction`

Confirm the Safe transaction

Create a `ConfirmPendingTransactions` component in your application to check the transactions pending for confirmation in case the Safe transaction needs to be confirmed by other Safe owners.

Retrieve all the pending Safe transactions from the Safe Transaction Service by calling the [getPendingTransaction](#) function from the [useSafe](#) hook, and call the `confirmTransaction` function from the [useConfirmTransaction](#) hook to confirm them.

Notice that the `SafeProvider` configuration needs to be initialized with a different Safe owner as the signer when confirming a transaction.

```
ConfirmPendingTransactions.tsx _20 function ConfirmPendingTransactions() { _20 const { getPendingTransactions } =  
useSafe() _20 const { data = [] } = getPendingTransactions() _20 const { confirmTransaction } = useConfirmTransaction()  
_20 _20 return ( _20 <> _20 {data.length > 0 && data.map(tx => ( _20 <> _20 {tx.safeTxHash} _20
```

```
confirmTransaction({ _20 safeTxHash: tx.safeTxHash _20 }) /> _20
```

```
_20 ))) _20
```

_20) _20 } _20 _20 export default ConfirmPendingTransactions Once the total number of confirmations reaches the threshold of the Safe, the confirmTransaction will automatically execute the transaction.

Recap and further reading

After following this guide, you are able to deploy new Safe accounts and create, sign, and execute Safe transactions using the Safe React Hooks.

[Safe React Hooks Reference](#) Was this page helpful?

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