

# Configuration

## Examples

Below are some examples of different ways you can configure Connect.

See `WormholeConnectConfig` in [src/config/index.ts](https://github.com/wormhole-foundation/wormhole-connect/blob/main/src/config/index.ts) for a full view of the supported config parameters.

### Custom networks and RPC endpoints

Specify supported networks/tokens and custom RPC endpoints. Your users may encounter rate limits using public RPC endpoints if you do not provide your own

...

```
Copy import WormholeConnect, { WormholeConnectConfig, } from "@wormhole-foundation/wormhole-connect";

const config: WormholeConnectConfig = { env: "mainnet", networks: ["ethereum", "polygon", "solana"], tokens:
["ETH", "WETH", "MATIC", "WMATIC"], rpcs: { ethereum: "https://rpc.ankr.com/eth", solana: "https://rpc.ankr.com/solana", }, };

function App() { return; }
```

...

### Fully customized theme

...

```
Copy import WormholeConnect, { WormholeConnectTheme, } from "@wormhole-foundation/wormhole-connect";
import red from "@mui/material/colors/red"; import lightBlue from "@mui/material/colors/lightBlue";
import grey from "@mui/material/colors/grey"; import green from "@mui/material/colors/green";
import orange from "@mui/material/colors/orange";

const customTheme: WormholeConnectTheme = { mode: 'dark', primary: grey, secondary: grey, divider: 'rgba(255, 255, 255, 0.2)', background: { default: "#232323", }, text: { primary: "#ffffff", secondary: grey[500], }, error: red, info: lightBlue,
success: green, warning: orange, button: { primary: 'rgba(255, 255, 255, 0.2)', primaryText: "#ffffff", disabled: 'rgba(255, 255, 255, 0.1)', disabledText: 'rgba(255, 255, 255, 0.4)', action: orange[300], actionText: "#000000", hover: 'rgba(255, 255, 255, 0.7)', }, options: { hover: "#474747", select: "#5b5b5b", }, card: { background: "#333333", secondary: "#474747", elevation: "none", }, popover: { background: "#1b2033", secondary: 'rgba(255, 255, 255, 0.5)', elevation: "none", }, modal: { background: "#474747", }, font: { primary: 'Impact', header: 'Impact', } };

export default function App() { return; }
```

...

### Environment

This shows how to run Connect on testnet.

...

```
Copy const config: WormholeConnectConfig = { "env": "testnet" }
```

...

### Custom RPC Endpoint

This shows how to change which RPC provider Connect uses for a particular network.

...

```
Copy const config: WormholeConnectConfig = { "rpcs": {
"solana": "https://rpc.ankr.com/solana/ee82725553bb0fa9e0aaeab27e988707e60ea06ae36be0658b778072e94979e" } }
```

...

### Arbitrary Token

This shows how to add an arbitrary token to your deployment of Connect. Please note you will need to [register](#) your token with the Token Bridge to get the contract addresses necessary for it to work with Connect.

These example config limits Connect to the Solana and Ethereum networks, and a handful of tokens including BSKT which is not built in by default and provided under the tokensConfig key.

See [src/config/types.ts](https://github.com/walletconnect/walletconnect.com/blob/master/src/config/types.ts) for the type definition of TokensConfig .

...

```
Copy const config: WormholeConnectConfig = { "networks":["solana","ethereum"], "tokens":
["ETH","WETH","MATIC","WMATIC","BSKT"], "tokensConfig":{ "BSKT":{ "key":"BSKT", "symbol":"BSKT",
"nativeChain":"solana", "tokenId":{ "chain":"solana", "address":"6gnCPhXtLnUD76HjQuSYPENLSZdG8RvDB1pTLM5aLSJA"
}, "coinGeckoId":"basket", "icon":"https://assets.coingecko.com/coins/images/34661/standard/BSKT_Logo.png?
1705636891", "color":"#2894EE", "decimals":{ "default":5 }, "foreignAssets":{ "ethereum":{
"address":"0xbC0899E527007f1B8Ced694508FCb7a2b9a46F53", "decimals":5 }, "bsc":{
"address":"0xaF42A5df3C1C1427DA8FC0326bD7b030A9367e78", "decimals":5 }, "polygon":{
"address":"0x9a6a40CdF21a0AF417F1b815223FD92c85636c58", "decimals":5 }, "avalanche":{
"address":"0x6Ac048ae05E7E015accA2aA7Abd0Ec013e8E3a59", "decimals":5 }, "sui":{
"address":"0xd4d52a6bf452401c0c70a1d19ff6cec2933f22a548eae552f3e514f64f61703a::coin::COIN", "decimals":5 },
"arbitrum":{ "address":"0xa3210cd727fE6DAf8386af5623ba51A367E46263", "decimals":5 }, "base":{
"address":"0x7CCDbA6198db389cF37b714FD6573b73F3670236", "decimals":5 }, "celo":{
"address":"0x3fc50bc066aE2ee280876EeefADfdAbF6cA02894", "decimals":5 } } } }
```

...

## More Configuration Options

### Whitelisting Tokens (tokens ):

You can provide a whitelist of tokens under tokens . By default, Connect will offer its full built-in list:

Mainnet Testnet ETH ETH, ETHsepolia WETH WETH, WETHsepolia USDCeth USDCeth WBTC USDT DAI BUSD MATIC  
MATIC WMATIC WMATIC USDCpolygon BNB BNB WBNB WBNB USDCbnb AVAX AVAX WAVAX WAVAX USDCavax  
USDCavax FTM FTM WFTM WFTM CELO CELO GLMR GLMR WGLMR WGLMR SOL WSOL PYTH SUI SUI USDCsol  
APT APT ETHarbitrum ETHarbitrum, ETHarbitrum\_sepolia WETHarbitrum WETHarbitrum, WETHarbitrum\_sepolia  
USDCarbitrum USDCarbitrum ETHoptimism ETHoptimism, ETHoptimism\_sepolia WETHoptimism WETHoptimism,  
WETHoptimism\_sepolia USDCoptimism USDCoptimism ETHbase ETHbase, ETHbase\_sepolia WETHbase WETHbase,  
WETHbase\_sepolia tBTC tBTC tBTCpolygon tBTCpolygon tBTCoptimism tBTCoptimism tBTCarbitrum tBTCarbitrum  
tBTCbase tBTCbase tBTCsol tBTCsol WETHpolygon WETHbsc wstETH wstETH wstETHarbitrum wstETHoptimism  
wstETHpolygon wstETHbase

### Routes (routes )

You can provide a whietlist of routes under routes . By default, Connect will offer its full built-in list:

Mainnet Testnet bridge bridge relay relay cctpManual cctpManual cctpRelay cctpRelay cosmosGateway cosmosGateway  
tbtc tbtc ethBridge wstETHBridge

### Wallet Connect Project ID

Required in order to display Wallet Connect as a wallet option. You can get a project ID on <https://cloud.walletconnect.com/>.

### Toggle Hamburger Menu

By setting the showHamburgerMenu option to false , you can deactivate the hamburger menu, causing the links to be positioned at the bottom.

### Add extra menu entry

By setting the showHamburgerMenu option to false , you can use the menu array to add extra links.

property description menu[].label link name to show up menu[].href target url or urn menu[].target anchor standard target, by default\_blank menu[].order order where the new item should be injected Sample configuration

...

```
Copy { "showHamburgerMenu":false, "menu":[ { "label":"Advance Tools", "href":"https://portalbridge.com", "target":"_self",
"order":1 } ] }
```

...

### CoinGecko API Key

If you have a CoinGecko API Plan, you can include the API key in the configuration. In case you do not have the API key, [follow this steps](#).

## More Networks

Specify a set of extra networks to be displayed on the network selection modal, each of them linking to a different page/dApp/mobile app the user will be redirected to.

Property description moreNetworks.href Default value for missing network hrefs mandatory moreNetworks.target Default value for missing network link targets optional, defaults to \_self moreNetworks.description Brief description that should be displayed as tooltip when the user hover an more network icon. Used as default for missing network descriptions optional moreNetworks.networks[].icon URL data encoded icon to display mandatory moreNetworks.networks[].href Network href to redirect to. If present, the values {sourceChain} and {targetChain} are replaced with the selected currently selected chains before redirecting optional moreNetworks.networks[].label Display text mandatory moreNetworks.networks[].name Unique network key optional, defaults to a snake\_case version of the label moreNetworks.networks[].description Description value optional, defaults to moreNetworks.description moreNetworks.networks[].target href target value optional, defaults to moreNetworks.target moreNetworks.networks[].showOpenInNewIcon Disable top right open in new icon optional, defaults to true if target is \_blank or false if target is \_self ``

```
Copy { ... "moreNetworks": { "href": "https://example.com", "target": "_blank", "description": "brief description that should be displayed as tooltip when the user over an more network icon", "networks": [ { "icon": "data:image/svg+xml,%3Csvg xmlns='http://www.w3.org/2000/svg' width='91' height='91' viewBox='0 0 91 91' fill='none'%3E%3Ccircle cx='45.5' cy='45.5' r='45.5' fill='%23E8E8EC'/%3E%3Cpath fill-rule='evenodd' clip-rule='evenodd' d='M26.833 25.8333C26.2807 25.8333 25.833 26.281 25.833 26.8333V63.1666C25.833 63.7189 26.2807 64.1666 26.833 64.1666H63.1663C63.7186 64.1666 64.1663 63.7189 64.1663 63.1666V48.7333C64.1663 48.4571 63.9425 48.2333 63.6663 48.2333C63.3902 48.2333 63.1663 48.4571 63.1663 48.7333V63.1666H26.8333V26.8333L41.2663 26.8333C41.5425 26.8333 41.7663 26.6094 41.7663 26.3333C41.7663 26.0571 41.5425 25.8333 41.2663 25.8333H26.8333ZM64.0199 25.9797C64.0321 25.9919 64.0435 26.0046 64.0542 26.0177L64.1663 26.324L64.1663 26.3342V37.5333C64.1663 37.8094 63.9425 38.0333 63.6663 38.0333C63.3902 38.0333 63.1663 37.8094 63.1663 37.5333V27.5404L41.6199 49.0868C41.4246 49.2821 41.1081 49.2821 40.9128 49.0868C40.7175 48.8915 40.7175 48.575 40.9128 48.3797L62.4592 26.8333H52.4663C52.1902 26.8333 51.9663 26.6094 51.9663 26.3333C51.9663 26.0571 52.1902 25.8333 52.4663 25.8333H63.6663H63.6663C63.6823 25.8333 63.6983 25.834 63.7143 25.8355C63.7632 25.8402 63.8116 25.8521 63.8577 25.8712C63.9167 25.8956 63.972 25.9318 64.0199 25.9797Z' fill='%230F1022'/%3E%3Cpath d='M63.1663 63.1666V64.1666H64.1663V63.1666H63.1663ZM26.833 63.1666H25.8333V64.1666H26.8333ZM26.833 26.8333L26.833 25.8333L25.833 25.8333V26.8333H26.8333ZM41.2663 26.8333L41.2663 25.8333H41.2663L41.2663 26.8333ZM64.0542 26.0177L64.9934 25.6742L64.9356 25.5161L64.8292 25.3857L64.0542 26.0177ZM64.0199 25.9797L64.727 25.2726L64.727 25.2726L64.0199 25.9797ZM64.1663 26.324L65.1662 26.3158L65.1648 26.1429L65.1054 25.9806L64.1663 26.324ZM64.1663 26.3342L65.1664 26.3342L65.1663 26.326L64.1663 26.3342ZM63.1663 27.5404H64.1663V25.1261L62.4592 26.8333L63.1663 27.5404ZM40.9128 49.0868L40.2057 49.7939L40.2057 49.7939L40.9128 49.0868ZM40.9128 48.3797L40.2057 47.6726L40.2057 47.6726L40.9128 48.3797ZM62.4592 26.8333L63.1663 27.5404L64.8734 25.8333H62.4592V26.8333ZM63.7143 25.8355L63.8096 24.8401L63.8095 24.8401L63.7143 25.8355ZM63.8577 25.8712L64.2401 24.9472L64.24 24.9472L63.8577 25.8712ZM26.833 26.8333V26.8333V24.8333C25.7284 24.8333 25.7287 24.833 25.7287 24.833 26.8333H26.8333ZM26.833 63.1666V26.8333H24.8333V63.1666H26.8333ZM26.833 63.1666H26.8333H24.8333C24.833 64.2712 25.7284 65.1666 26.833 65.1666V63.1666ZM63.1663 63.1666H26.8333V65.1666H63.1663V63.1666ZM63.1663 63.1666V65.1666V63.1666V48.7333H63.1663ZM63.6663 49.2333C63.3902 49.2333 63.1663 49.0094 63.1663 48.7333H65.1663C65.1663 47.9048 64.4948 47.2333 63.6663 47.2333V49.2333ZM64.1663 48.7333C64.1663 49.0094 63.9425 49.2333 63.6663 49.2333V47.2333C62.8379 47.2333 62.1663 47.9048 62.1663 48.7333H64.1663ZM64.1663 48.7333H62.1663V63.1666H64.1663ZM26.833 64.1666H63.1663V62.1666H26.8333V64.1666ZM25.833 26.8333V63.1666H27.8333V26.8333H25.8333ZM41.2663 25.8333L26.833 25.8333L26.833 27.8333L41.2663 27.8333L41.2663 25.8333ZM40.7663 26.3333C40.7663 26.0571 40.9902 25.8333 41.2663 25.8333V27.8333C42.0948 27.8333 42.7663 27.1617 42.7663 26.3333H40.7663ZM41.2663 26.8333C40.9902 26.8333 40.7663 26.6094 40.7663 26.3333H42.7663C42.7663 25.5048 42.0948 24.8333 41.2663 24.8333V26.8333ZM26.833 26.8333H41.2663V24.8333H26.8333ZM64.8292 25.3857C64.7971 25.3464 64.763 25.3086 64.727 25.2726L63.3128 26.6868C63.3012 26.6752 63.2899 26.6628 63.2793 26.6497L64.8292 25.3857ZM65.1054 25.9806L64.9934 25.6742L63.1151 26.3611L63.2271 26.6675L65.1054 25.9806ZM65.1663 26.326L65.1662 26.3158L63.1663 26.3322L63.1664 26.3425L65.1663 26.326ZM65.1663 37.5333V26.3342H63.1663V37.5333H65.1663ZM63.6663 39.0333C64.4948 39.0333 65.1663 38.3617 65.1663 37.5333H63.1663C63.1663 37.2571 63.3902 37.0333 63.6663 37.0333V39.0333ZM62.1663 37.5333C62.1663 38.3617 62.8379 39.0333 63.6663 39.0333V37.0333C63.9425 37.0333 64.1663 37.2571 64.1663 37.5333H62.1663ZM62.1663 27.5404V37.5333H64.1663V27.5404H62.1663ZM42.327 49.7939L63.8734 28.2475L62.4592 26.8333L40.9128 48.3797L42.327 49.7939ZM40.2057 49.7939C40.7915 50.3797 41.7412 50.3797 42.327 49.7939L40.9128 48.3797C41.108 48.1844 41.4246 48.1844 41.6199 48.3797L40.2057 49.7939ZM40.2057 47.6726C39.6199 48.2584 39.6199 49.2081 40.2057 49.7939L41.6199 48.3797C41.8152 48.575 41.8152 48.8915 41.6199 49.0868L40.2057 47.6726ZM61.7521 26.1261L40.2057 47.6726L41.6199 49.0868L63.1663 27.5404L61.7521 26.1261ZM52.4663 27.8333H62.4592V25.8333H52.4663V27.8333ZM50.9663 26.3333C50.9663 27.1617 51.6379 27.8333 52.4663 27.8333V25.8333C52.7425 25.8333 52.9663 26.0571 52.9663 26.3333H50.9663ZM52.4663 24.8333C51.6379 24.8333 50.9663 25.5048 50.9663 26.3333H52.9663C52.9663 26.6094 52.7425 26.8333 52.4663 26.8333V24.8333ZM63.666 24.8333H52.4663V26.8333H63.666V24.8333ZM63.6663 24.8333H63.666V26.8333H63.6663V24.8333ZM63.8095
```

24.8401C63.7619 24.8355 63.7141 24.8333 63.6663 24.8333V26.8333C63.6505 26.8333 63.6347 26.8325 63.619  
26.831L63.8095 24.8401ZM64.24 24.9472C64.1011 24.8897 63.9559 24.8541 63.8096 24.8401L63.619 26.831C63.5706  
26.8264 63.5221 26.8146 63.4754 26.7952L64.24 24.9472ZM64.727 25.2726C64.5845 25.1301 64.4184 25.0209 64.2401  
24.9472L63.4754 26.7952C63.4151 26.7702 63.3594 26.7334 63.3128 26.6868L64.727 25.2726Z'  
fill='%230F1022'/%3E%3C/svg%3E", "name": "more", "label": "More networks", "href": "https://portalbridge.com/#/transfer",  
"showOpenInNewIcon": false, } ] } ... }

...

## More Tokens

Show a special entry on the select tokens modal which redirects the user to a different page/dApp/mobile app.

Property description moreTokens.label Display text mandatory moreTokens.href URL to redirect to. If present, the values{:sourceChain} and{:targetChain} are replaced with the selected currently selected chains before redirecting mandatory moreTokens.target href target optional, defaults to\_self

## Explorer

Enable explorer button to allow users to search for his transactions on a given explorer filtering by his wallet address

Property description explorer.label Display text optional, defaults toTransactions explorer.href URL of the explorer, for instance https://wormholescan.com/. If present, the values{:address} is replaced with the connected wallet address mandatory explorer.target href target optional, defaults to\_blank

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On this page \* [Examples](#) \* [More Configuration Options](#)

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