Acquire Test Tokens

As a best practice, always test your applications thoroughly on testnet before going live on mainnet. When testing token transfers, you must have enough tokens and ensure thetoken pools have enough funds. Public faucets sometimes limit how many tokens a user can create and token pools might not have enough liquidity. To resolve these issues, CCIP supports two test tokens that you can mint permissionlessly so you don't run out of tokens while testing different scenarios.

Tokens

Two ERC20 test tokens are currently available on each testnet. You can find the token addresses for each testnet on the <u>Supported Networks</u> page.

NameDecimalsTypeDescriptionCCIP-BnM18Burn & MintThese tokens are minted on each testnet. When transferring these tokens between testnet blockchains, CCIP burns the tokens on the source chain and mint them on the destination chain.CCIP-LnM18Lock & MintThese tokens are only minted onEthereum Sepolia. On other testnet blockchains, the token representation is a wrapped/synthetic asset calledcICCIP-LnM. When transferring these tokens from Ethereum Sepolia to another testnet, CCIP locks theCCIP-LnMtokens on the source chain and mint the wrapped representationcICCIP-LnMon the destination chain. Between non-Ethereum Sepolia chains, CCIP burns and mints the wrapped representationcICCIP-LnM.

Mint Test Tokens

You can mint both of these tokens using the following function call on the token contract. This function acts like a faucet. Each call mints 10**18 units of a token to the specified address.

- ForCCIP-BnM, you can calldripon all testnet blockchains.
- ForCCIP-LnM, you can calldriponly on Ethereum Sepolia.

functiondrip(addressto)external{ mint(to,1e18);}

Mint tokens in the documentation

You can use this interface to connect your MetaMask wallet, select a testnet, and mint tokens to your wallet address. Alternatively, you can call these same functions in the block explorer (Read the Mint tokens in a block explorer section).

Connect your browser wallet to get started:

Connect Wallet

Mint tokens in a block explorer

Follow these steps to learn how to mint these tokens. The steps explain how to mintCCIP-BnMonEthereum Sepolia:

- Go to the Supported Networks page.
- Go to<u>Ethereum Sepolia section</u>. You will find a list of active lanes where the source chain isEthereum Sepolia. You will find the list of supported tokens you can transfer for each lane. You should findCCIP-BnMin the list for each testnet.
- Click on the token address to display it on the block explorer CCIP-BnM on Ethereum Sepolia Etherscan in this case).
- Click the Contracttab and then on Write Contractto see the list of transactions. Notice Connect to Web3.
- ClickConnect to Web3to connect your MetaMask wallet to the block explorer.
- Once connected, you can call the dripfunction.
- Fill in the text field with your EOA, then clickWrite.
- MetaMask will open and asks you to confirm the transaction.
- After the transaction is confirmed, clickView your transactionto view your transaction.
- You should see a successful transaction confirming that 1CCIP-BnMwas sent to your EOA.
- Follow this MetaMask guide to import CCIP-BnMin your wallet.