

FUNCTIONAL TESTING - HYPHEN

TEST SCENARIOS

SECTION	SUB-SECTION	TESTSCENARIOS	EXPECTEDRESULT	ACTUALRESULT	TESTSTATUS	BUGPRIORITY
<u>WalletConnection</u>	Connect Wallet Click	Open hyphen staging environment url - https://hyphen-staging.biconomy.io/bridge and click on 'Connect Wallet'	It should give 2 options to connect to - MetaMask and WalletConnect. If MetaMask is not installed, it should redirect users to install MetaMask browser extension for the specific browser user is on.	If MetaMask chrome extension is not installed on the browser, it directly opens 'WalletConnect' - QR code screen	FAIL	Priority - Medium
<u>WalletConnection</u>	MetaMask Wallet	User selects 'MetaMask' on clicking 'Connect Wallet'	Depending on number of user's accounts in their MM wallet, it should prompt user to select what account they want to connect to. If user has only one account then wallet should be connected to that account.	It connects to the account that is currently selected in the MetaMask.	FAIL	Priority - Medium
<u>WalletConnection</u>	WalletConnect wallet	User selects 'Wallet Connect' on clicking 'Connect Wallet' and click on 'Desktop' tab and select wallets from the displayed options	When clicking the displayed wallets, user should be able to connect to them or to be taken to the individual wallet installation page	Crypto.com, Ledger, Wallet3 — these are not redirecting to any url SecuX and NFT wallets — giving 404 page not found error	FAIL	Priority - Low (This seem to be a third-party (WalletConnect) fix rather than internal, so marking this as 'Low' priority but still good to track)
<u>Bridge Page</u>	Generic Links	Click on links shown on the default page (Bridge) and check if they none of them are broken	1) 'Hyphen' should redirect to Bridge Page if user is on other tabs; 2) 'Powered by Biconomy' link should redirect to 'Biconomy.io' home page; 3) 'Join our discord' link should redirect to Biconomy Discord server; 4) Email Us link should open Mail client and open a draft email with biconomy support team email-id	Redirects seem to work fine for all the 4 urls.	PASS	N/A

Aa SECTION	≡ SUB-SECTION	≡ TESTSCENARIOS	≡ EXPECTEDRESULT	≡ ACTUALRESULT	≡ TESTSTATUS	≡ BUGPRIORITY
Bridge Page	Token Bridge Section	Check defaults value selection in different fields	default values for the fields should be: SOURCE==Goerli , DESTINATION==Mumbai, TOKEN==USDT, AMOUNT==0.000, MIN==100, MAX==9000, RECEIVER ADDRESS==connected wallet address, GO GASLESS toggle==turned-off	Default values seem to be working as expected	PASS	N/A
Bridge Page	Token Bridge Section	Selecting and switching different network values in SOURCE and DESTINATION fields and checking MM network connection is prompted for the selected network	If we change the SOURCE chain from Goerli >> Mumbai OR Fuji OR BNB TestNet OR Optimism Kovan then button's text 'Switch to source chain' should be selected accordingly and prompt MM to connect to that network with network connection details for each network populated on MM prompt.	Network connection details on Switch button seems to be correct and as per the selected network. Also, for each network, MM connection details has network details populated in them and user is able to connect to the respective test networks.	PASS	N/A
Bridge Page	Token Bridge Section	Check for FEE and SLIPPAGE display for different networks in SOURCE and DESTINATION	When selecting different networks in SOURCE and DESTINATION then MIN, MAX, 'TOTAL FEE' and 'YOU GET MINIMUM' values should be calculated and displayed as per the selected network	Issue#1) MIN, MAX, 'TOTAL FEE' and 'YOU GET MINIMUM' seems to be not calculated when DESTINATION network is 'FUJI', it is displayed as bar is refreshing. If this is not implemented then should given an appropriate error; Issue#2) TOTAL FEE for few network combinations (example- Goerli → Mumbai for BICO token) is displayed in negative values ; Issue#3) MIN and MAX fee for BICO token for Goerli → Mumbai network is showing 0 values	FAIL	Priority - HIGH

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<u>Bridge Page</u>	Token Bridge Section	Check for TOKEN and AMOUNT display for different networks in SOURCE and DESTINATION	When selecting different networks in SOURCE and DESTINATION then TOKEN and AMOUNT fields should be writable/user should be able to select values from TOKEN drop-down	There are 2 issues here: Issue#1) If SOURCE is 'Optimism Kovan' and DESTINATION is 'Fuji', then both TOKEN and AMOUNT fields freezes and becomes non-editable with error - 'select source and destination chains' ; Issue#2) If SOURCE is now changed from 'Optimism Kovan' to other networks and DESTINATION remains as 'Fuji', then both TOKEN and AMOUNT fields remain frozen / non-editable until destination is changed to something else and then back to 'Fuji'	FAIL	Priority - HIGH
<u>Bridge and Pools Page</u>	Token Bridge Section on Bridge Page and Add Liquidity Screen on Pools Page	Bridge USDC or USDT from Goerli Network to Mumbai Network. Get some GoerliETH from a faucet, swap some of them to USDC or USDT on any Ethereum DEX such as UNISWAP and now refresh Hyphen-Bridge page to see if USDC/USDT balance is updated and reflecting on the Bridge and Pools-Add Liquidity Screens	USDC/USDT balance should update on these screens	USDC/USDT balance is NOT shown, most likely issue could be contract addresses used in the staging environment versus Goerli network could be different.	FAIL	Priority - URGENT (Sample Bug Report for this issue is given at the bottom of test scenarios section)
<u>Pools Page</u>	Pools Sub-Page	Check APY data on Pools Screen	APY should be up-to-date for all the pools for each network	APY for most of the pools is showing 0%, this could be correct but flagging it to confirm if the data is as expected	FAIL	Priority - MEDIUM

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Pools Page	Network drop-down on top of the page	Check when different network is selected from the top drop-down then MetaMask is prompted to connect to that particular network	If we change network value in the drop-down on Pools Page, MetaMask is prompted to connect to the corresponding environment or vice-versa i.e. change network in MetaMask and check if Pools Page on the staging website is refreshed	Network drop-down seems to be syncing correctly with the MetaMask network selection.	PASS	N/A
Farms Page	Network drop-down on top of the page	Check when different network is selected from the top drop-down then MetaMask is prompted to connect to that particular network	If we change network value in the drop-down on Farms Page, MetaMask is prompted to connect to the corresponding environment or vice-versa i.e. change network in MetaMask and check if Farms Page on the staging website is refreshed	Network drop-down seems to be syncing correctly with the MetaMask network selection.	PASS	N/A
Farms Page	All Farms Sub-Page	Check APY data on All Farms Screen	REWARD APY should be up-to-date for all the FARMS for each network	REWARD APY for most of the Farms is showing 0%, this could be correct but flagging it to confirm if the data is as expected	FAIL	Priority - MEDIUM
Stats Page	Top Deposit Txn Search Section	Search for any txn on Goerli, now remove it from the search box	When txn hash is removed from search text box, then page should go back to stats summary page	Page is stuck on No Deposit found and back button is also not taking user back to the stats summary page	FAIL	Priority - MEDIUM
Stats Page	Data	Check for data shown on the Stats summary page and check if in sync with other pages	Data on stats summary page should be in sync with Pools and Farms pages for that particular environment	A lot of data is missing on the staging website, Liquidity data is shown on the network-liquidity charts but Pools/Farms doesn't show the same numbers	FAIL	Priority - MEDIUM

SAMPLE BUGTICKET

Summary - USDC and USDT balances on Bridge page and Pools (Add-Liquidity) page are NOT getting updated

Priority - URGENT (Reason- User cannot see their tokens in Hyphen)

Description -

Steps To Reproduce:

- 1) Get some GoerliETH from a faucet,
- 2) Swap some of GETH to USDC or/and USDT on Ethereum DEX such as UNISWAP on GOERLI Network
- 3) Refresh Hyphen-staging page to see if USDC and USDT balance is updated and reflecting on the Bridge and Pools-Add Liquidity Screens when network is set to 'Goerli'

Expected Result:

USDC and USDT balances get updated on the Bridge and Pools-Add Liquidity Screens when network is set to 'Goerli'

Actual Result:

USDC and USDT balances doesn't get updated on the Bridge and Pools-Add Liquidity Screens when network is set to 'Goerli'.

Likely Cause- It could be due to different token contract addresses for USDC and USDT tokens used in the Hyphen staging environment versus that are used in the Goerli Network



