Buccaneer V3 User Guide

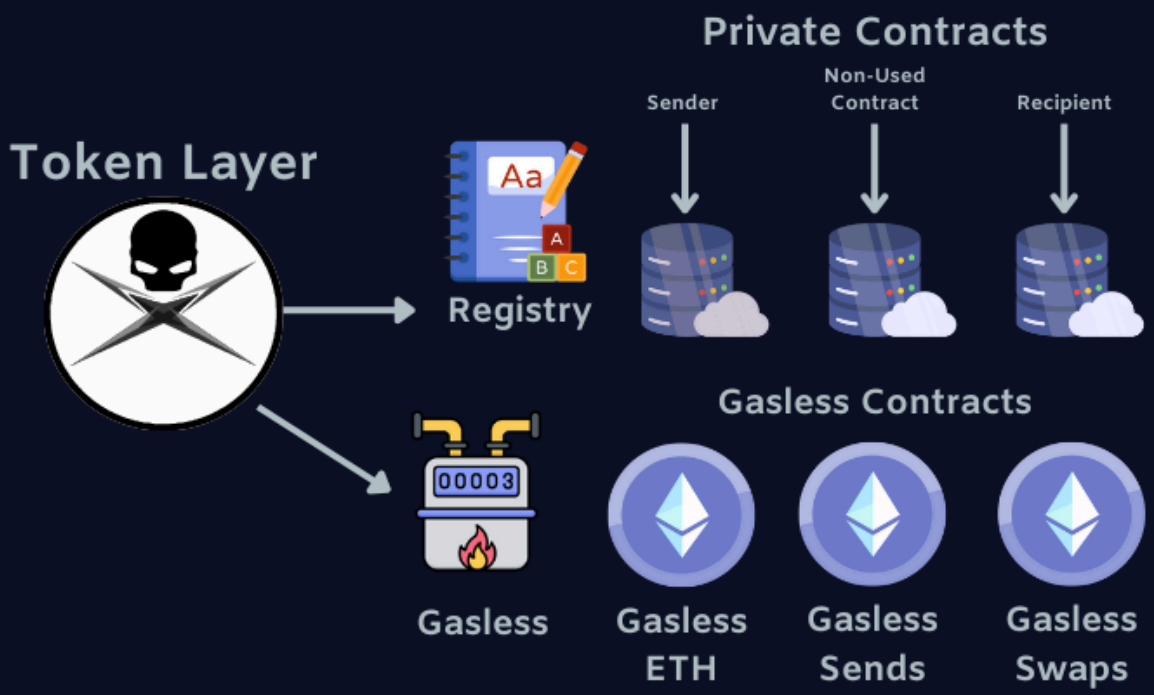
Ethereum's Only Private Token

At its core, **Buccaneer V3** functions as an Ethereum-based alternative to Monero, offering advanced privacy features, minus the fiat on-ramp/off-ramp issues of Monero. Now in its third and final iteration—with only the last two developed by the current team—it stands out as a token with unparalleled privacy capabilities. With sufficient liquidity, it aims to be more anonymous and versatile than Monero. Designed to be unstoppable and to preserve individual rights, it becomes uncontrollable by any single entity once the keys are released. Unlike services that have faced legal scrutiny, Buccaneer V3 serves as a legitimate tool and currency, functioning as intended with all its core features operational.

In this guide, we'll explore how it works, how to use it effectively and what to anticipate in the future.

Introduction

Buccaneer V3's Operation Layer



While BV3 is a completed, refined and final evolution of privacy methodology, the contracts that power it such as the engine can enable a plethora of other products such as on-chain private messaging and private data storage. These contracts are managed by a central registry that keeps track of data points. Another game changer is the gasless functionality, enabling powerful abilities such as acquisition of ETH from a one-way BUCC/ETH pool without needing ETH to pay gas fees and rather, paying from a deductible amount of BUCC.

A brand new wallet can receive BUCC in a totally traceless manner, with no signs of anything being sent to it by any outside observer and then acquire ETH from the pool and use the BUCC token itself to pay the gas for the transaction in a seamless and near instant, one-click manner. The expansion of the gasless side can be done at the same time as the expansion of privacy aspects.

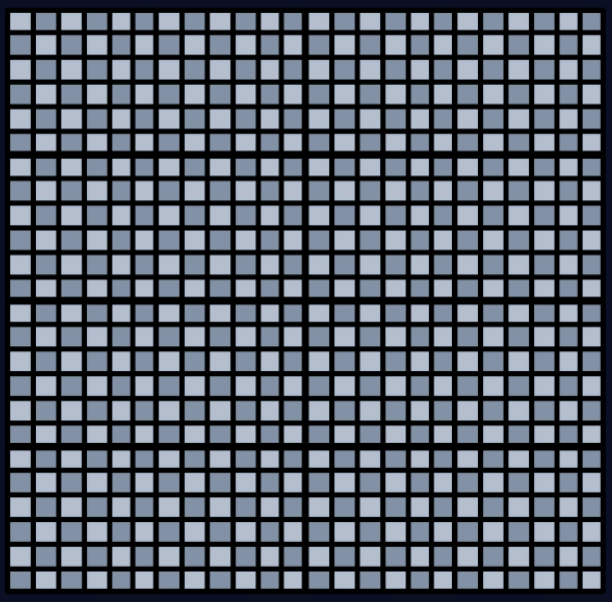
How It Works - Pt. 1

Irreversibility Principle

EVM “Unstacked” Code

“Stacked” Code

Written & Programmed

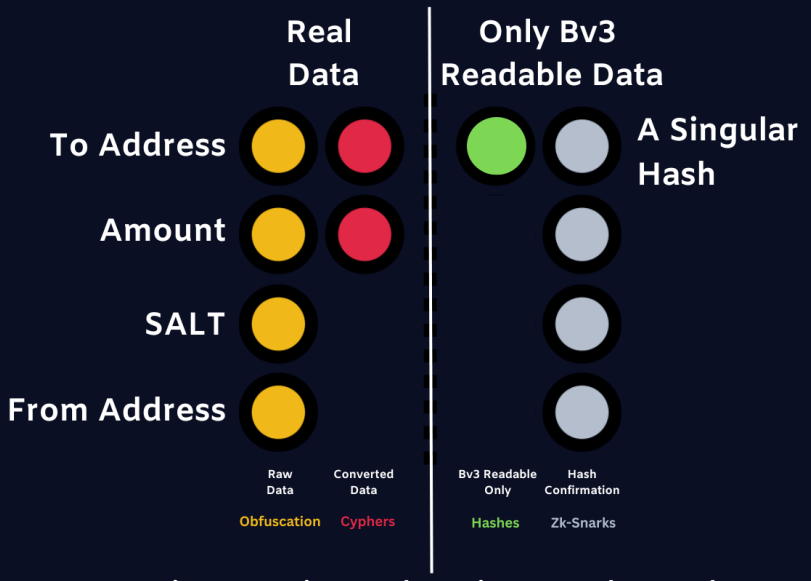


How Ethereum Interpets

Ethereum assembles code in a way that creates a flattened tree structure. By using a specific combination of advanced techniques, it becomes practically impossible to reverse-engineer the code without the aid of tools which do not currently and may never exist. This ensures that the code remains securely private and can be executed as intended. Developing these techniques took years of refinement which is why Buccaneer V3 required so much time to be written properly. The necessary knowledge wasn't available elsewhere and had to be effectively created. While this is a simplified explanation, this principle of irreversibility is a major factor in what makes BV3 the most secure privacy system on any Ethereum Virtual Machine system.

How It Works - Pt. 2

Cyphers, Hashes and Snarks



“Privacy Barrier” or the point past where only the recipient’s key can read data

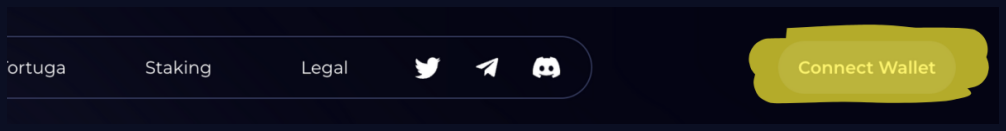
Buccaneer V3 operates by taking real data and passing it through a unique cypher that only privacy contracts can interpret. This processed data is then combined into a hash, with the reversibility lookup functioning similarly to a ZK-SNARK (Zero-Knowledge Succinct Non-Interactive Argument of Knowledge). A recipient's address can only be accessed using their private keys, so their ability to view balances and manage their unique hashes works in a ZK-SNARK-like manner. This approach allows a single hash point to be decomposed back into the original separate components.

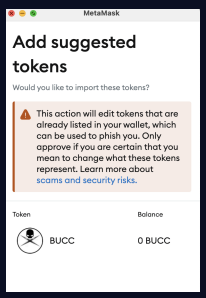
The hashing system leverages Ethereum's Keccak-256 algorithm for data storage and modeling, incorporating custom arithmetic and algebraic functions. The cypher system utilizes a combination of timestamps, byte shifting and decomposed "from address" variables. Buccaneer V3 is a combinational system uniquely tailored to Ethereum's limited contract size, making it both efficient and highly secure. There is lastly a very surface layer of obfuscation via Etherscan look-ups and non-disclosure of events but this is not a privacy function and rather just a massive time-wasting hurdle for any would-be tracker. Even if they persevere, BV3 is still impenetrable. If you can waste someone’s time to put them off and just annoy them, you must.

Connecting to the Website

And Sending Your First Transaction

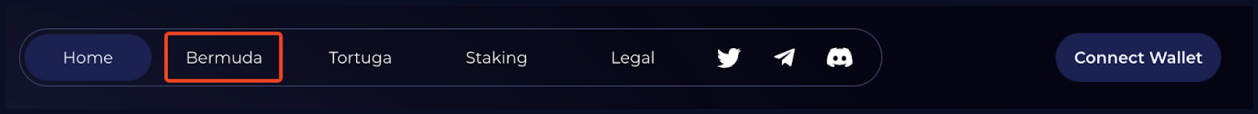
Make sure you're on the right URL (so you don't get phished), currently the only acceptable URL is BuccaneerV3.com but that will change as IPFS gets added, other back-up URLs and a localhost (local application) file gets deployed for users.



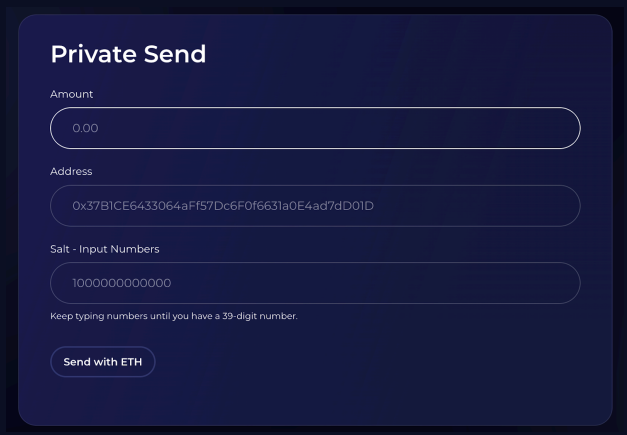


You'll want to click "Connect Wallet" on the right hand side. Use your preferred Web3 Wallet.

There may not be a prompt to add the suggested token to a watchlist depending on the Web3 wallet, this is just to make it easier to track the token as Buccaneer V3 ($BUCC) has not been added to any watchlists.



Click on the Bermuda tab, this will take you to the part of the DApp which is responsible for private transactions.



Sending a private transaction is extremely simple. Just enter the amount of BUCC you wish to send, followed by the destination address then lastly, mash your numerical keys to produce a random 39 digit number and click 'Send with ETH'. Just make sure the 39 digit number doesn't start with 0 and don't use the same SALT twice. Private sends are split into 2 separate contract interactions, so please accept the second.

On Balances

Public vs Ghost Balances

Buccaneer V3 is built for maximum reliability. If you encounter issues, they're likely due to user error or high Ethereum gas fees, which can cause the network to drop transactions—something that may happen more frequently with the shift to Proof of Stake (PoS). The system itself is robust, using a layered hashing mechanism that's even more secure than traditional key systems, like having three layers of protection. Here are a few important points to keep in mind:

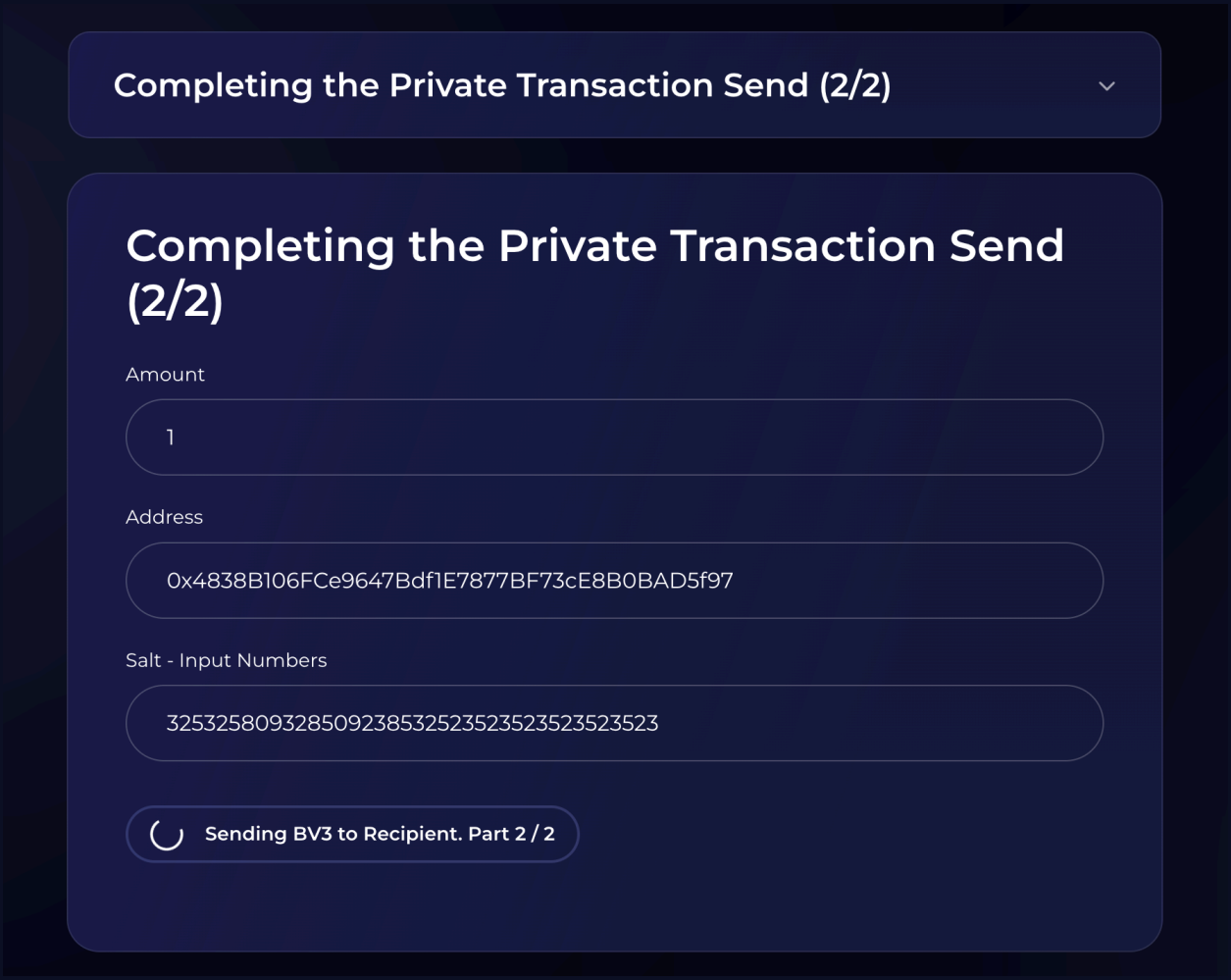
Private Transactions and Public Balance: When you send a private transaction, your public balance is reduced to zero, and the remaining tokens are transferred to your private (ghost) balance. This ensures enhanced privacy.

Sending from Private Balance: You can send any amount from your ghost balance, but platforms like Uniswap won't allow direct sales from it. To proceed, you'll need to use gasless transactions or decrypt your balance (more on this later).

Visibility of Ghost Balance: Neither you nor anyone else can view your ghost balance. What you can't see, others can't either. It's recommended to avoid fully decrypting your balance unless you're unsure of where your tokens are.

The 2nd Transaction

Just make sure to approve it



When conducting the private transaction it is imperative that the two transaction prompts are approved and go through. One transaction is to prepare the hash, the other is to send out the amount.After the first transaction is done, the DApp will provide a downloadable text file receipt of all the transaction details you entered as well as a timestamp of the transaction. This is generated locally and does not have any user privacy implications. Keep this for your records somewhere safe, as BUCC contains no compliance transaction history mechanisms. If you don't want this record, simply don't download it and clear your cache. If you do download it, just delete it in a secure manner if you don't want it.

More on Balances

When You Go Ghost, You Go Ghost

1. If you reject the second transaction for any reason, or run out of ETH in your wallet to confirm it, your transaction will get stuck. In this case, avoid attempting any further transactions from this address (the frontend won't allow a second transaction). Use the receipt file and follow the prompts to recover your tokens. The recovery mechanism returns the tokens to you, the sender, without continuing the transaction to the recipient. Rest assured, your tokens will always come back to you.

2. After years of refinement, Buccaneer V3 has achieved near-perfect reliability in executing transactions. However, rare issues may arise, particularly due to Ethereum's new Proof of Stake (PoS) system. But don't worry—fail-safes and fallback options are built into the protocol, as outlined above. Occasionally, high gas spikes can also disrupt Ethereum transactions in general, not just those involving BV3. This can happen to anyone on the Ethereum network.

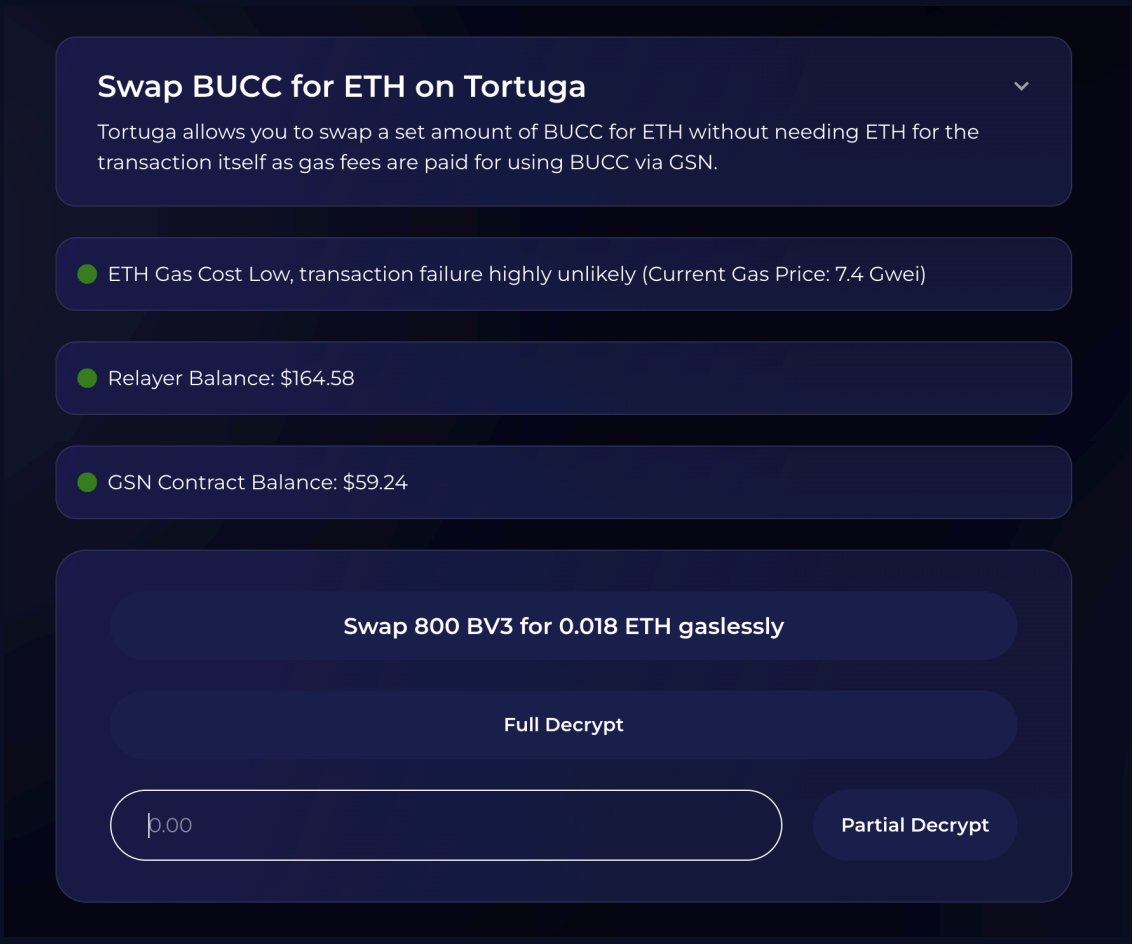
3. When you buy BUCC from a decentralized exchange (DEX), your balance and the recipient of the BUCC purchased are publicly visible. For example, if you buy 100 BUCC from Uniswap, that transaction is public, and your address will show a balance of 100 BUCC. However, if you then send 5 BUCC through a private transaction using Bermuda, the system privatizes not only the 5 BUCC you've sent but also the remaining 95 BUCC. This means your entire balance becomes private and disappears from public view.

4. If you forget the private balance of an address, you can use the 'Full Decrypt' option to reveal the entire private balance. Everything stored will now be openly displayed and visible in Web3 wallets or DEX balance readouts, such as Uniswap.

5. If you know your private balance but only want to de-privatize part of it, you can perform a 'Partial Decrypt.' Simply enter an amount of BUCC equal to or less than your private balance, and this amount will be transferred from your private balance to your public one.

Decryption

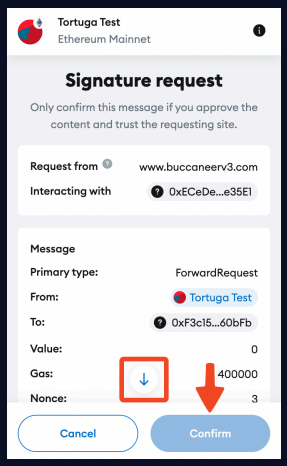
Understanding Tortuga



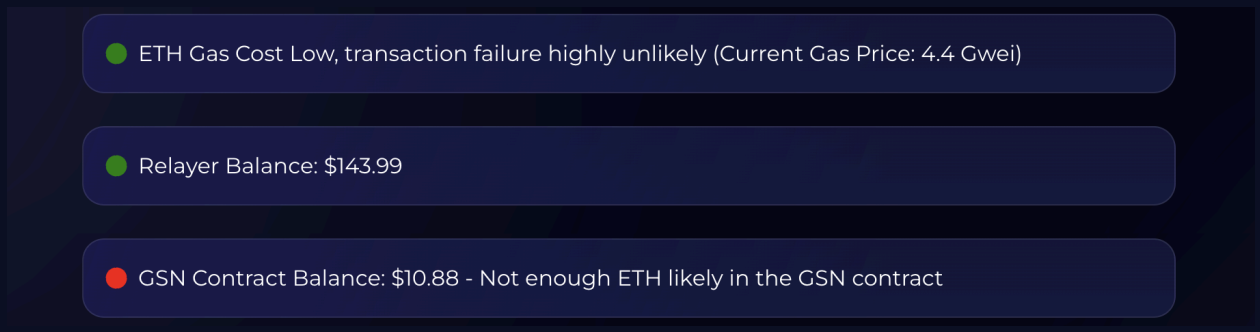
After sending a transaction, the recipient should navigate to their address and perform a gasless swap of BV3 for ETH. Once completed, they will temporarily have a balance of 50,000 BV3 (a simulated amount) for roughly one hour, though this may vary based on block times. This window allows users to sell tokens via Uniswap or any future DEX that becomes available. If the account already has ETH and you don't need to swap, it's highly recommended to use the "Partial Decrypt" option for the amount you wish to sell. Avoid using "Full Decrypt," as it can make it easier to trace the transaction amounts if someone tries to track the history.

The Gasless Send

Make Sure All Variables are Up



In most cases, as shown here, the confirmation button will remain disabled until you scroll down and view all the required information. It's important to understand that you won't be able to sell 50,000 BUCC—the displayed balance is purely simulated. The purpose of this fake balance is to give users a sufficient margin to sell any amount from their private balance, as long as it's under 50,000 BUCC. This allows users to sell tokens without needing to perform a full or partial decryption of their private balance.



If there are significant gas spikes, or if the relayer or GSN contract balance is too low, your transaction is likely to be dropped and will not go through. In this case, wait for the balances to be refilled. Anyone can replenish the relayer or GSN contract balance, although this isn't necessary for most users. Since the relayer server operates as a separate entity, you won't receive direct confirmation that you've received ETH—rather, it will simply appear in your wallet after a few blocks. On average, gasless transactions take about 30 seconds, and in no case should they take longer than one minute. As Buccaneer V3 gains more liquidity, both the price of swaps and the amount of ETH you receive will increase. Currently, the exchange rate is 800 BV3 for 0.018 ETH.

Final Words

Empowering Your Privacy in a Decentralized Future

- **Data Privacy:** The Buccaneer V3 DApp operates as a static API, meaning it does not collect or store any user data or actions. All information entered remains in the user's local cache, unless cleared or downloaded in the form of a transaction receipt.

- **Legal Compliance:** Buccaneer V3 has no compliance mechanisms in place to adhere to any nation's laws or regulations. It is impossible to definitively prove that you sent a specific amount of tokens to any address, making Buccaneer V3 the only Ethereum privacy protocol that offers full plausible deniability. Even under scrutiny, there is no way to verify the details of your transactions.

- **How Privacy Works:** Buccaneer V3 achieves privacy by privatizing both the destination and the amount of tokens sent. While your interaction with the Bermuda contract is visible on-chain, only the fact that you interacted with it at a specific time is observable—no further details of the transaction can be known. The system is entirely non-custodial, meaning you are solely responsible for your actions. Beware of any other privacy systems claiming to be non-custodial while handling on-chain privacy, as they are likely fraudulent.

- **Censorship Resistance:** Buccaneer V3 is fully permissionless and among the most censorship-resistant privacy protocols available. Shutting down BV3 would require node-level collusion, which would

undermine the very foundation of Ethereum as a decentralized blockchain.

- **Tortuga's Limitations:** When Tortuga sends ETH to a claimant, the transaction is not private because ETH movement on Ethereum cannot be privatized. However, if you've already broken transaction traces, it will appear as though a random address claimed ETH from Tortuga, with no visible connections to any other addresses.

- **No Fees for Utilities:** Buccaneer V3 does not charge any fees for using Bermuda or Tortuga. BUCC tokens from Tortuga swaps are sold on the open market to replenish the ETH balance for future claims. While anyone can donate to the ETH balance, it should be done at your own risk.

- **BUCC Token:** BUCC is not a payment token. The token's functionalities and Buccaneer V3's privacy contracts are inseparable. BV3 cannot privatize third-party tokens, but it fully adheres to the ERC20 standard, making integration into other systems effortless.

- **Best Practices:** Regularly monitor Uniswap pools and interactions with Bermuda and Tortuga contracts to stay updated on BV3 activity. Although BV3 ensures privacy for A-to-B transactions, it's important to ensure your broader on-chain activity (e.g., Uniswap sales) doesn't compromise your privacy.

- **Organizing Wallets:** To manage private balances more easily, consider renaming wallets to reflect BV3 holdings. This can help you track balances as long as you are the only person with access to the wallet.

- **Decentralized and Censorship-Resistant:** Thanks to being fully on-chain and hosted on IPFS in the future, BV3 is highly resistant to censorship, without the need for major collusion within Ethereum.

- **Extra Privacy Measures:** For added privacy, use a VPN when conducting transactions. If your IP address is linked to both the sender and receiver wallets via an RPC, it may compromise privacy under close surveillance.

- **Self-Responsibility:** As a decentralized, non-compliant protocol, you are fully responsible for your actions when using Buccaneer V3. We cannot provide further assistance beyond the instructions provided in this guide.

Stay safe, stay private, and enjoy using Buccaneer V3.