



Cyberscope

# Audit Report

## **SimbaWifHat**

March 2024

Network SOL

Type SPL-Token

Address ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj

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# Analysis

● Critical ● Medium ● Minor / Informative ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

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## Review

Network	SOL
Explorer	<a href="https://solscan.io/token/ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj">https://solscan.io/token/ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj</a>
Fixed Supply	8,912,934,884.26
Token name	simbawifhat (SWH)
Token address	<a href="ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj">ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj</a>
Owner Program	<a href="#">Token Program</a>
Decimals	9
Signature	<a href="5bb3QNmsQ5pLoUygP8HeaFfREKSW3cZ2NzeRHSPFHhHjRwY68ywkzqRw25yLBZxeizUHnJu8ZEXKHu1q8G8aEc75">5bb3QNmsQ5pLoUygP8HeaFfREKSW3cZ2NzeRHSPFHhHjRwY68ywkzqRw25yLBZxeizUHnJu8ZEXKHu1q8G8aEc75</a>
Block	<a href="#">#253983761</a>
Deploy Time	March 13, 2024 22:36:24 Eastern European Standard Time
Instructions	Create Account, InitializeMint, Create Associated Account, MintTo
By	<a href="3BbeofTrZ3kZH7F1omwmiRfNyj4AKpszLpAqagRDWSO4">3BbeofTrZ3kZH7F1omwmiRfNyj4AKpszLpAqagRDWSO4</a>
MintTokens Authority	<a href="#">Revoked</a>
FreezeAccount Authority	<a href="#">Revoked</a>
Metadata File Type	JSON
Name	simbawifhat
Symbol	SWH

**Image**<https://ipfs.io/ipfs/QmTUg6JjcSzRjeZyDgguqVi484dcPk7r6DVbqwxWA4dufa>

## Audit Updates

**Initial Audit**

25 Mar 2024

## Source Files

**Filename**

JSON

**Metadata/JSON**<https://solscan.io/token/ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj#metadata>

## Overview

The `simbawifhat` token symbolized as `SWH`, is a distinguished SPL (Solana Program Library) token initialized using the TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA Token Program on the Solana blockchain. The `simbawifhat` token has a fixed supply of `8,912,934,884.26` tokens since the mint has been disabled. This ensures a stable and unchangeable total supply, enhancing its value proposition within the ecosystem. The token uses the URL

["https://ipfs.io/ipfs/QmaBvg9ergy5SRQ42Ndfbmifroh4oF48GdzvqQsBfwTFF1"](https://ipfs.io/ipfs/QmaBvg9ergy5SRQ42Ndfbmifroh4oF48GdzvqQsBfwTFF1), which points to a decentralized storage service while the

["https://ipfs.io/ipfs/QmTUg6JjcSzRjeZyDgguqVi484dcPk7r6DVbqwxWA4dufa"](https://ipfs.io/ipfs/QmTUg6JjcSzRjeZyDgguqVi484dcPk7r6DVbqwxWA4dufa) image is used for visual identification of the token across various platforms and marketplaces.

Overall, the `simbawifhat` token is a distinct entity within the Solana network, identifiable by its unique characteristics as outlined in its metadata.

## Holders

At the time of this report, the top 5 holders of "simbawifhat" token are as follows:

#	Token Account	Account	Quantity	Percentage
1	<a href="#">Ba6yjn...GkTYVU</a>	<a href="#">Raydium Authority V4</a>	1,248,938,070.93239	14.0126%
2	<a href="#">9nG5Yh...wZmQXb</a>	<a href="#">BjeBqa...kKqMYQ</a>	555,920,892.537363	6.2372%
3	<a href="#">5oLMUd...d5MMDS</a>	<a href="#">E2u7rx...8VgMvC</a>	546,430,927.847711 3	6.1307%
4	<a href="#">GW8X74...EwH4uY</a>	<a href="#">EURdhi...u7tngx</a>	384,804,994.174038 1	4.3173%
5	<a href="#">HCWFxN...yotQHk</a>	<a href="#">Hd9MtC...HqnXJr</a>	323,972,147.917563	3.6348%

## Metadata

### MetaplexMetadata

The Metaplex Metadata provides details of the characteristics of the `simbawifhat` token which uses the `SWH` symbol, a distinctive digital asset on the Solana blockchain tailored for utilizing the Metaplex Metadata. This metadata includes crucial information necessary for the asset's seamless integration and operation within the Solana ecosystem.

The mint attribute specifies the account

`ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj` authorized for the initial token mint.

```
{
  "key": 4,
  "updateAuthority": "3BbeofTrZ3kZH7FlomwmiRfNyj4AKpszLpAqagRDWSo4",
  "mint": "ASsnSwFhGVREnuN6YmZQKietjprv731BbETDWQsreAwj",
  "data": {
    "name": "simbawifhat",
    "symbol": "SWH",
    "uri":
      "https://ipfs.io/ipfs/QmaBvg9ergy5SRQ42Ndfbmifroh4oF48GdzvqQsBfwTFF1",
    "sellerFeeBasisPoints": 0
  },
  "primarySaleHappened": 0,
  "isMutable": 0,
  "editionNonce": 255,
  "tokenStandard": 2,
  "name": "simbawifhat",
  "symbol": "SWH",
  "description": "Introducing the latest roar in the crypto jungle: SimbawifHat! This isn't just another meme coin; it's a safari into the wild side of blockchain humor. Picture this: a digital kingdom where every token features our majestic mascot, Simba, donning the trendiest of hats. From beanies to berets, Simba's fashion is as volatile as the crypto market!",
  "image":
    "https://ipfs.io/ipfs/QmTUg6JjcSzRjeZyDgguqVi484dcPk7r6DVbqwxWA4dufa"
}
```






## Metadata description

The data section within the metadata discloses the asset's name as `simbawifhat`, its trading symbol as `SWH`, and the URI pointing to "<https://ipfs.io/ipfs/QmaBvg9ergy5SRQ42Ndfbmifroh4oF48GdzvqQsBfwTFF1>". Notably, the asset imposes a seller fee of 0 basis points, indicating no transaction fee for trading was set in the deploying phase. The metadata indicates that the asset has not yet undergone its primary sale (`primarySaleHappened` : 0) and is marked as immutable (`isMutable` : 0), not allowing for future changes to the metadata. An `editionNonce` of 255 denotes a unique edition, and the asset conforms to a specific token standard within the Solana network (`tokenStandard` : 2), ensuring its compatibility and standardization across the platform. This detailed metadata structure offers a comprehensive overview of `simbawifhat` key features and its operational framework within the Metaplex ecosystem on Solana.

Field	Value	Description
key	4	Account discriminator that identifies the type of metadata account
updateAuthority	<a href="#">3BbeofTrZ3kZH7F1omwmiRfNvj4AKpsZLpAqagRDWSo4</a>	The public key that is allowed to update this account
mint	<a href="#">ASsnSwFhGVREnuN6YmZQKi etjprv731BbETDWQsreAwj</a>	The public key of the Mint Account it derives from
name	simbawifhat	The on-chain name of the token
symbol	SWH	The on-chain symbol of the token
uri	<a href="https://ipfs.io/ipfs/QmaBvg9ergy5SRQ42Ndfbmifroh4oF48GdzvqQsBfwTFF1">https://ipfs.io/ipfs/QmaBvg9ergy5SRQ42Ndfbmifroh4oF48GdzvqQsBfwTFF1</a>	The URI to the external metadata. This URI points to an off-chain JSON file that contains additional data following a certain standard

sellerFeeBasisPoints	0	The royalties shared by the creators in basis points — This field is used by most NFT marketplaces, it is not enforced by the Token Metadata program itself
primarySaleHappened	0	A boolean indicating if the token has already been sold at least once. Once flipped to True, it cannot ever be False again. This field can affect the way royalties are distributed
isMutable	0	A boolean indicating if the metadata account can be updated. Once flipped to False, it cannot ever be True again
editionNonce	255	Unique identifier for this edition
tokenStandard	2	The standard of the token
description	<p>Introducing the latest roar in the crypto jungle: SimbawifHat! This isn't just another meme coin; it's a safari into the wild side of blockchain humor. Picture this: a digital kingdom where every token features our majestic mascot, Simba, donning the trendiest of hats. From beanies to berets, Simba's fashion is as volatile as the crypto market!</p>	The description of the asset
image	<a href="https://ipfs.io/ipfs/QmTUg6JjcSzRjeZyDgguqVi484dcPk7r6DVbqwxWA4dufa">https://ipfs.io/ipfs/QmTUg6JjcSzRjeZyDgguqVi484dcPk7r6DVbqwxWA4dufa</a>	URL pointing to the asset's logo

## Findings Breakdown

Severity		Unresolved	Acknowledged	Resolved	Other
	Critical	0	0	0	0
	Medium	0	0	0	0
	Minor / Informative	0	0	0	0

## Summary

The simbawifhat token, built on the Solana network, implements a robust smart contract structure that was initialized using the Token program, with analysis revealing no critical issues.

The contract's mint authority has been renounced. The information regarding the transaction can be accessed through the following link:

<https://solscan.io/tx/5tBmH7jPEcjZfN6ca36kcnj5a1FZKaSfiA8r52M6B64PXZw7wVjwNGcQBK6PEoMLCRsSko1DMFSuZN62V8NUvugG>

The contract's freeze authority has been renounced. The information regarding the transaction can be accessed through the following link:

<https://solscan.io/tx/4xGrjUoisAFNyb6vsLTHqDkCAFQaYk32WUpzFRWgZSkJBnhnBQDtLq1u1kpUY8Z4fDeReUAajX7GUYdGKz5Hb8ky>

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Blockchain technology and cryptographic assets present a high level of ongoing risk. Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security. Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis. Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives, false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

# About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



**The Cyberscope team**

<https://www.cyberscope.io>