Cyberscope

Audit Report

24CRYPTOCATS

March 2024

Network	SOL
Type	SPL-Token
Address	CDBzGJDjBFrW6waZF6dUJm5Uc7gM1r4a9S7oZcaZ9S7g
Audited by	© cyberscope

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

Table of Contents

Review

Network	SOL
Explorer	https://solscan.io/token/CDBzGJDjBFrW6waZF6dUJm5Uc7gM1r4a9S7oZcaZ9S7g
Fixed Supply	1,500,000,000.00
Website	https://cryptocats.org/
Social Channels	https://twitter.com/24CryptoCats, https://t.me/the24cryptocats
Token name	24CRYPTOCATS (24CAT)
Token address	CDBzGJDjBFrW6waZF6dUJm5Uc7gM1r4a9S7oZcaZ9S7g
Owner Program	Token Program
Decimals	9
Signature	CY4wiB682415ph6zeZWfx1FGgwS1kbnRokSbx8mdqgRpepYjqZEg69aNDafcXpxegnHXcqgYmSLCNBu6RLgmJTN
Block	#255885582
Deploy Time	March 23, 2024 06:42:06 Eastern European Standard Time
Instructions	CreateAccount, InitializeMint, CreateAssociatedAccount, MintTo, Sol-Transfer, Create-Metadata-Account-V3
By	2wFTm2p231tC5kmtALteWWRym2k4Z7LRc5VXiHDRUJxb
MintTokens Authority	Revoked
FreezeAccount Authority	Revoked
Metadata File Type	JSON
Name	24CRYPTOCATS

Symbol	24CAT
Image	https://ipfs.io/ipfs/QmbfWZo753EmFCWDLUVztVPfsqd3uR4BU7QfBiZonBSsSC
Total Transfers (At the time of the report)	30
Total Transactions (At the time of the report)	13

Audit Updates

Initial Audit	26 Mar 2024

Source Files

Filename	JSON
Metadata/JSON	https://solscan.io/token/CDBzGJDjBFrW6waZF6dUJm5Uc7gM1r4a9S7oZcaZ9S7g#metadata

Overview

The `24CRYPTOCATS` token symbolized as `24CAT`, is a distinguished SPL (Solana Program Library) token initialized using the TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA Token Program on the Solana blockchain. The `24CRYPTOCATS` token has a fixed supply of `1,500,000,000.00` 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/QmWJodu2fPAkj2mCaQs7kCbJKJpN4bCanCjYMVsc9o4K5o, which points to a decentralized storage service while the "https://ipfs.io/ipfs/QmbfWZo753EmFCWDLUVztVPfsqd3uR4BU7QfBiZonBSsSC" image is used for visual identification of the token across various platforms and marketplaces. Overall, the `24CRYPTOCATS` 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 "24CRYPTOCATS" token are as follows:

#	Token Account	Account	Quantity	Percentage
1	Hx15TS...gjoTop	2wFTm2...DRUJxb	1,050,000,000	70.0000%
2	5wNy3Z...dxfRnD	86d7Sm...shPi5K	15,000,000	1.0000%
3	6xKyC8...MsdzGX	8dG6...p3QT17V	15,000,000	1.0000%
4	41imnY...F29Ypb	EmWCPs...Ah5zSV	15,000,000	1.0000%
5	66rzZ1...9vy593	AGdPW6...q74ECj	15,000,000	1.0000%

Metadata

MetaplexMetadata

The Metaplex Metadata provides details of the characteristics of the `24CRYPTOCATS`
token which uses the `24CAT` 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
`CDBzGJDjBFrW6waZF6dUJm5Uc7gM1r4a9S7oZcaZ9S7g` authorized for the initial
token mint.

```
{
  "key": 4,
  "updateAuthority": "2wFTm2p231tC5kmtALteWWRym2k4Z7LRc5VXiHDRUJxb",
  "mint": "CDBzGJDjBFrW6waZF6dUJm5Uc7gM1r4a9S7oZcaZ9S7g",
  "data": {
    "name": "24CRYPTOCATS",
    "symbol": "24CAT",
    "uri":
"https://ipfs.io/ipfs/QmWJodu2fPAkj2mCaQs7kCbJKJpN4bCanCjYMVsc9o4K5o",
    "sellerFeeBasisPoints": 0
  },
  "primarySaleHappened": 0,
  "isMutable": 0,
  "editionNonce": 254,
  "tokenStandard": 2,
  "name": "24CRYPTOCATS",
  "symbol": "24CAT",
  "description": "24CryptoCats $24CAT is a decentralized meme token
built on the Solana blockchain, created by a team of passionate crypto
enthusiasts and cat lovers.\r\n\r\nWebsite:
https://cryptocats.org/\r\nTwitter:
https://twitter.com/24CryptoCats\r\nTelegram:
https://t.me/the24cryptocats",
  "image":
"https://ipfs.io/ipfs/QmbfWZo753EmFCWDLUVztVPfsqd3uR4BU7QfBiZonBSsSC"
}
```

Metadata description

The data section within the metadata discloses the asset's name as `24CRYPTOCATS`, its trading symbol as `24CAT`, and the URI pointing to "https://ipfs.io/ipfs/QmWJodu2fPAkj2mCaQs7kCbJKJpN4bCanCjYMVsc9o4K5o". 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 254 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 `24CRYPTOCATS` 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	2wFTm2p231tC5kmtALteWWRym2k4Z7LRc5VXiHDRUJxb	The public key that is allowed to update this account
mint	CDBzGJDjBFrW6waZF6dUJm5Uc7gM1r4a9S7oZcaZ9S7g	The public key of the Mint Account it derives from
name	24CRYPTOCATS	The on-chain name of the token
symbol	24CAT	The on-chain symbol of the token
uri	https://ipfs.io/ipfs/QmWJodu2fPAkj2mCaQs7kCbJKJpN4bCanCjYMVsc9o4K5o	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	254	Unique identifier for this edition
tokenStandard	2	The standard of the token
description	24CryptoCats $24CAT is a decentralized meme token built on the Solana blockchain, created by a team of passionate crypto enthusiasts and cat lovers. Website: https://cryptocats.org/ Twitter: https://twitter.com/24CryptoCats Telegram: https://t.me/the24cryptocats	The description of the asset
image	https://ipfs.io/ipfs/QmbfWZo753EmFCWDLUVztVPfsqd3uR4BU7QfBiZonBSsSC	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 24CRYPTOCATS 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/5wFNHJhm4SKffe81pZiuUteg1HvKMnjJSyoCSNUF9EtA9D3vnZAMRgyDQbZCRCx7i3MP2kUkLYf2bTwC2oQBfZog

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

https://solscan.io/tx/2zqNjuFq73eZ8gMw94zE6unPX3mhhpgmYTEmDSYdmx3ASNiSWNmZuW8rHfuNJsBFjZxf5U83AuJWZFW2FJuC5ZsY

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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.

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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

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