

Audit Report GENERAL DOGGY

April 2024

Network SOL

Type SPL-Token

Address 3WZh7SE6iho6E7t3fgP46f46Hdz6cBy4mUbtCYEW1b7x

Audited by © cyberscope



Analysis

CriticalMediumMinor / InformativePass

Severity	Code	Description	Status
•	ST	Stops Transactions	Passed
•	OTUT	Transfers User's Tokens	Passed
•	ELFM	Exceeds Fees Limit	Passed
•	MT	Mints Tokens	Passed
•	ВТ	Burns Tokens	Passed
•	ВС	Blacklists Addresses	Passed



Diagnostics

Critical
 Medium
 Minor / Informative

Severity	Code	Description	Status
•	ITA	Initial Token Allocation	Unresolved



Table of Contents

Analysis	1
Diagnostics	2
Table of Contents	3
Review	4
Audit Updates	4
Source Files	4
Overview	5
Metadata	6
Findings Breakdown	10
ITA - Initial Token Allocation	11
Description	11
Recommendation	11
Summary	12
Disclaimer	13
About Cyberscope	14



Review

Network	SOL
Explorer	https://solscan.io/token/3WZh7SE6iho6E7t3fgP46f46Hdz6cBy4 mUbtCYEW1b7x
Fixed Supply	1,000,000,000
Token Address	3WZh7SE6iho6E7t3fgP46f46Hdz6cBy4mUbtCYEW1b7x
Token name	GENERAL DOGGY (GD)
Owner Program	Token Program
Decimals	6
MintTokens Authority	Revoked
FreezeAccount Authority	Revoked
Metadata File Type	JSON
Badge Eligibility	Yes

Audit Updates

Initial Audit	03 Apr 2024
---------------	-------------

Source Files

Filename	JSON
Metadata/JSON	https://solscan.io/token/3WZh7SE6iho6E7t3fgP46f46Hdz6cBy4 mUbtCYEW1b7x#metadata



Overview

The GENERAL DOGGY token symbolized as GD , is a distinguished SPL (Solana Program Library) token initialized using the TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA Token Program on the Solana blockchain, with a fixed supply of 1,000,000,000 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://bafkreihvwdk3k2ttq3qxj6jp4o7s3z73bclpezqlpvt6m65hoyywqft3qa.ipfs.nftstorage.link, which points to a decentralized storage service while the https://bafkreibyr4ggcr377pnya7febwkocgyu2kbbq2k37aaznwhtaucxtzv6iu.ipfs.nftstorage.link image is used for visual identification of the token across various platforms and marketplaces. Overall, the project is a distinct entity within the Solana network, identifiable by its unique characteristics as outlined in its metadata.

Both the contract's mint and freeze authority have been renounced. The information regarding the transaction can be accessed through the following link: https://solscan.io/tx/2KVEczBh9zw7egQYyCxFGh2cygxAsg6N1wR8WD8wA1bcyjLte5gN7SyW2npSquhhtJDbJjqeWc2XmWyz8qQq6ceN



Metadata

The Metaplex Metadata provides details of the characteristics of the GENERAL DOGGY token, 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. Specifically, the update authority attribute specifies the account bF3Fgv3QuiSsNtmKkwQYFTeZpfRcbNdu151FUR8bEQw authorized to modify the metadata. The mint attribute specifies the account 3WZh7SE6iho6E7t3fgP46f46Hdz6cBy4mUbtCYEW1b7x authorized for the initial token mint. 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 GENERAL DOGGY key features and its operational framework within the Metaplex ecosystem on Solana.



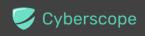
```
"key": 4,
  "updateAuthority": "bF3Fgv3QuiSsNtmKkwQYFTeZpfRcbNdu151FUR8bEQw",
  "mint": "3WZh7SE6iho6E7t3fgP46f46Hdz6cBy4mUbtCYEW1b7x",
  "data": {
    "name": "GENERAL DOGGY",
    "symbol": "GD",
    "uri":
"https://bafkreihvwdk3k2ttq3qxj6jp4o7s3z73bclpezqlpvt6m65hoyywqft3qa.ipfs.nfts
torage.link",
    "sellerFeeBasisPoints": 0
  },
  "primarySaleHappened": 0,
  "isMutable": 0,
  "editionNonce": 255,
  "tokenStandard": 2,
  "name": "GENERAL DOGGY",
  "symbol": "GD",
  "description": "MEME COİN. GENERAL DOGGY, born JANUARY 1, 1966, is a senior
WORLD ARMY OFFICER who has served as CHIEF OF STAFF, WORLD TRADE, since June
2023",
  "extensions": {
    "website": "https://generaldoggy.io/",
    "twitter": "https://twitter.com/RollGold58163",
    "telegram": "https://t.me/generaldoggyhome",
    "discord": "https://discord.gg/DgEPsHQY"
  },
  "creator": {
    "name": "Smithii Tools",
    "site": "https://tools.smithii.io/token-creator/solana"
  },
  "image":
"https://bafkreibyr4ggcr377pnya7febwkocgyu2kbbq2k37aaznwhtaucxtzv6iu.ipfs.nfts
torage.link"
}
```



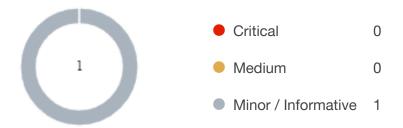
Field	Value	Description
key	4	Account discriminator that identifies the type of metadata account
updateAuthority	bF3Fgv3QuiSsNtmKkwQYFTeZ pfRcbNdu151FUR8bEQw	The public key that is allowed to update this account
mint	3WZh7SE6iho6E7t3fgP46f46H dz6cBy4mUbtCYEW1b7x	The public key of the Mint Account it derives from
name	GENERAL DOGGY	The on-chain name of the token
symbol	GD	The on-chain symbol of the token
uri	https://bafkreihvwdk3k2ttq3qxj 6jp4o7s3z73bclpezqlpvt6m65h oyywqft3qa.ipfs.nftstorage.link	The URI to the external metadata. This URI points to an off-chain JSON file that contains additional data following a certain standard
sellerFeeBasisPo ints	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
primarySaleHap pened	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	MEME COİN. GENERAL DOGGY, born JANUARY 1, 1966, is a senior WORLD ARMY OFFICER who has served as CHIEF OF STAFF, WORLD TRADE, since June 2023	The description of the asset
extensions	website, twitter, telegram, discord	Extensions of the asset
creator	name, site	Creator of the asset
image	https://bafkreibyr4ggcr377pnya 7febwkocgyu2kbbq2k37aaznw htaucxtzv6iu.ipfs.nftstorage.link	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	1	0	0	0



ITA - Initial Token Allocation

Criticality	Minor / Informative
Status	Unresolved

Description

The token account 78Lw8VH6h8v3T1f6CdAmgXPfvAD3FdRdAVoTjQdXYC4W and BvQxi4Gp3C8iFSVwoKJ6tFwKAhqX1y64CiAwTi7MyzuH, hold a large portion of total supply. Consequently, at the time of the report, together these addresses own almost the entire token supply, amounting to 999,900,000 GD. This concentration of the entire token supply in two addresses raises significant concerns about centralization within the token's ecosystem. Such a scenario creates a risk of market manipulation and could lead to other adverse effects, potentially undermining the token's decentralized nature and the overall health of its ecosystem.

Token Account	Quantity	Percentage
78Lw8VH6h8v3T1f6CdAmgXPfvAD3FdRdAVoTjQdXYC4 W	510,000,0 00	51.0000%
BvQxi4Gp3C8iFSVwoKJ6tFwKAhqX1y64CiAwTi7Myzu	489,900,0 00	48.9900%

Recommendation

It is recommended to distribute the tokens more broadly to achieve a more decentralized token holding structure. This can mitigate the risks associated with centralization and ensure a more stable and secure ecosystem for all participants. If the new addresses consist of a team's wallet address, then the team should carefully manage the private keys of that account. We strongly recommend implementing a robust security mechanism to prevent a single user from accessing the contract admin functions, such as a multi-sign wallet so that many addresses will confirm the action.



Summary

The "GENERAL DOGGY" token, built on the Solana network, implements a robust smart contract structure that was initialized using the Token program, with analysis revealing 1 minor/informative issue.



Disclaimer

The information provided in this report does not constitute investment, financial or trading advice and you should not treat any of the document's content as such. This report may not be transmitted, disclosed, referred to or relied upon by any person for any purposes nor may copies be delivered to any other person other than the Company without Cyberscope's prior written consent. This report is not nor should be considered an "endorsement" or "disapproval" of any particular project or team. This report is not nor should be regarded as an indication of the economics or value of any "product" or "asset" created by any team or project that contracts Cyberscope to perform a security assessment. This document does not provide any warranty or guarantee regarding the absolute bug-free nature of the technology analyzed, nor do they provide any indication of the technologies proprietors' business, business model or legal compliance. This report should not be used in any way to make decisions around investment or involvement with any particular project. This report represents an extensive assessment process intending to help our customers increase the quality of their code while reducing the high level of risk presented by cryptographic tokens and blockchain technology.

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