

Audit Report Dawkoins

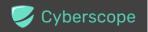
March 2024

Network SOL

Type SPL-Token

Address 7cb67ev3jvBKaAH1tnVM8FL8WfQ96sa2TYByEXajqx8N

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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

CriticalMediumMinor / Informative

Severity	Code	Description	Status
•	UA	Update Authority	Unresolved

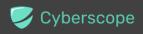


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Review

Network	SOL
Explorer	https://solscan.io/token/7cb67ev3jvBKaAH1tnVM8FL8WfQ96sa 2TYByEXajqx8N
Current Supply	989,500,118
Token name	Dawkoins (DAW)
Token address	7cb67ev3jvBKaAH1tnVM8FL8WfQ96sa2TYByEXajqx8N
Owner Program	Token Program
Authority	4p1BsiAYKftxVAG6tqXZXZ62kHGNYo3mmP9ThcXSSpQC
Decimals	6
Signature	https://solscan.io/tx/FZvinAZZHaYtGzxG6hdRW3u9yhiRCmQNqxzyGqzuskcJ5aqwsPx9c8tA4D8PiKZBKwv4FLVP9TqciThUDFP6oUH
Block	#254558118
Deploy Time	March 16, 2024 18:53:39 Eastern European Standard Time
Instructions	Compute-Budget-Set-Compute-Unit-Price, Compute-Budget-Set-Compute-Unit-Limit, Create Account, InitializeMint, Create Metadata Account V3, Create Associated Account, MintTo
Ву	4p1BsiAYKftxVAG6tqXZXZ62kHGNYo3mmP9ThcXSSpQC
Metadata File Type	JSON
Name	Dawkoins
Symbol	DAW

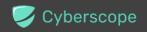


Image	https://bafkreibbwceptt6w7t6v2dcjkwkkn6mkgabivf76qpbfim5u
	ocgv2j56ey.ipfs.nftstorage.link

Audit Updates

Source Files

Filename	JSON
Metadata/JSON	https://solscan.io/token/7cb67ev3jvBKaAH1tnVM8FL8WfQ96sa 2TYByEXajqx8N#metadata



Overview

The Dawkoins token, represented by the symbol DAW, is a notable SPL (Solana Program Library) token created under the

TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA Token Program on the Solana blockchain. The minting authority for the Dawkoins token has been renounced.

The Dawkoins token boasts a unique identifier mint of

7cb67ev3jvBKaAH1tnVM8FL8WfQ96sa2TYByEXajqx8N and has updated its visual representation with the image URL:

https://bafkreibbwceptt6w7t6v2dcjkwkkn6mkgabivf76qpbfim5uocgv2j56ey.ipfs.nftstorage.li nk. This image serves as the token's visual identity across various platforms and marketplaces, enhancing its recognition within the ecosystem. Overall, the Dawkoins token is a distinct entity within the Solana network, identifiable by its unique characteristics as outlined in its metadata.



Transfers

At the time of this report, the latest 5 transfers of <code>Dawkoins</code> token are as follows:

Signature	Time	Туре	From	То	Amount
3sNWdLpZP pEML4LSjr	03-31-2024 07:58:34	Spl-Transfer	6v3nv8Cn2z mV	4dQuufP7ju LS	1,192.92
3sNWdLpZP pEML4LSjr	03-31-2024 07:58:34	Spl-Transfer	Raydium Authority V4	6v3nv8Cn2z mV	1,192.92
4C7QdAQNL EHR1KP2	03-31-2024 07:57:41	Spl-Transfer	Raydium Authority V4	6U91aKvB2t bB	0.017839
4C7QdAQNL EHR1KP2	03-31-2024 07:57:41	Spl-Transfer	6U91aKvB2 tbB	4dQuufP7ju LS	0.017839
oHidExK7Tv v6EwHb3P	03-31-2024 07:57:10	Spl-Transfer	2MFoS3CP Cj3h	5qSBrzYeyX qz	7,135.1



Transactions

At the time of this report, the latest 5 transactions of <code>Dawkoins</code> token are as follows:

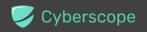
Signature	Block	Time	Instructions	Ву	Fee (SOL)
5Z4Z4iL7UZ RMTJhPBLv	#257503865	03-31-2024 07:57:51	Compute-Bu dget-Set-Co mpute-Unit-L imit (8+)	5qSBrzYe yXqz	0.000110079
4Ye28o1qNK hGxsosyqE	#257503865	03-31-2024 07:57:51	Compute-Bu dget-Set-Co mpute-Unit-L imit (8+)	5qSBrzYe yXqz	0.000110152
61PK56Cgiw 8ca3hekMQ	#257503824	03-31-2024 07:57:33	Compute-Bu dget-Set-Co mpute-Unit-L imit (8+)	5qSBrzYe yXqz	0.00011
5jfCXnMnjj5h EnKjrD56G	#257503779	03-31-2024 07:57:11	Compute-Bu dget-Set-Co mpute-Unit-L imit (8+)	5qSBrzYe yXqz	0.000110257
AZ8F4dCLv Gx2zk12FMd	#257503778	03-31-2024 07:57:11	Compute-Bu dget-Set-Co mpute-Unit-L imit (8+)	5qSBrzYe yXqz	0.000110311



Holders

At the time of this report, the top 5 holders of <code>Dawkoins</code> token are as follows:

#	Token Account	Quantity	Percentage
1	85P13nEzewVc	39,812,716.585894	4.0235%
2	GaJ1VGZvRnjy	39,256,424.737947	3.9672%
3	F9FaX2ckLAus	30,000,000	3.0318%
4	CgNF1daeBWFJ	28,952,180.559867	2.9259%
5	DrZd414Ve9s2	24,863,382.938192	2.5127%



Metadata

MetaplexMetadata

The Metaplex Metadata for the Dawkoins token, symbolized as DAW, enriches the Solana blockchain with a unique digital asset, meticulously designed for integration with the Metaplex protocol. This metadata is pivotal for the asset's functionality within the ecosystem, detailing essential attributes that facilitate its recognition and utility. The updateAuthority for Dawkoins is vested in the account with the public key 4p1BsiAYKftxVAG6tqXZXZ62kHGNYo3mmP9ThcXSSpQC, empowering it with the authority to change the metadata as necessary. The mint attribute specifies the account 7cb67ev3jvBKaAH1tnVM8FL8WfQ96sa2TYByEXajqx8N authorized for the initial token mint.

```
"key": 4,
  "updateAuthority": "4p1BsiAYKftxVAG6tqXZXZ62kHGNYo3mmP9ThcXSSpQC",
  "mint": "7cb67ev3jvBKaAH1tnVM8FL8WfQ96sa2TYByEXajqx8N",
  "data": {
   "name": "Dawkoins",
   "symbol": "DAW",
    "uri":
"https://bafkreibbwceptt6w7t6v2dcjkwkkn6mkgabivf76qpbfim5uocgv2j56ey.ipfs.nftstorage.
link",
    "sellerFeeBasisPoints": 0
  "primarySaleHappened": 0,
  "isMutable": 1,
  "editionNonce": 253,
  "tokenStandard": 2,
  "name": "Dawkoins",
  "symbol": "DAW",
 "description": "X:https://x.com/DawkoinsOnSol ",
  "image":
"https://bafkreibbgyr7sq5rnvievhrocn56kiwxw7yp5ul2gqi7sfs6purdmrq3gu.ipfs.nftstorage.
link"
```



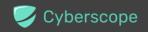
Metadata Description

The "data" section within the metadata discloses the asset's name as <code>Dawkoins</code> , its trading symbol as <code>DAW</code> , and a URI pointing to

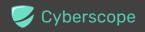
https://bafkreibbwceptt6w7t6v2dcjkwkkn6mkgabivf76qpbfim5uocgv2j56ey.ipfs.nftstorage.li nk. Notably, the asset imposes a seller fee of 0 basis points, indicating no transaction fee for trading was set in the deploying phase. The metadata indicates that the asset has not yet undergone its primary sale (primarySaleHappened: 0) and is marked as mutable (isMutable: 1), allowing for future changes to the metadata. An editionNonce of 253 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 Dawkoins 's key features and its operational framework within the Metaplex ecosystem on Solana.

Within the data segment of the Dawkoins token's metadata, key characteristics such as the asset's name <code>Dawkoins</code>, its symbol <code>DAW</code>, and a URI linking to its visual representation are disclosed. This URI,

https://bafkreid3g3jezt4xdmz3k5w4g45fdcvnp3cqkwhougtyrr65it6pltntgq.ipfs.nftstorage.lin k, serves as a gateway to the asset's digital identity, enhancing its visibility and accessibility. The asset enforces a zero seller fee basis points policy, indicating an absence of transaction fees for trades. The metadata further reveals that the primary sale of the asset has not occurred (primarySaleHappened: 0), and its mutable status (isMutable: 1) allows for future modifications. An editionNonce of 253 signifies its unique edition, and adherence to the (tokenStandard: 2) ensures its compliance and interoperability within the Solana ecosystem. This comprehensive metadata encapsulates the Dawkoins token's foundational aspects, providing a clear and detailed overview of its operational parameters and its place within the broader Metaplex and Solana frameworks.



Field	Value	Description
key	4	Account discriminator that identifies the type of metadata account
updateAuthority	4p1BsiAYKftxVAG6tqXZXZ62 kHGNYo3mmP9ThcXSSpQC	The public key that is allowed to update this account
mint	7cb67ev3jvBKaAH1tnVM8FL 8WfQ96sa2TYByEXajqx8N	The public key of the Mint Account it derives from
name	Dawkoins	The on-chain name of the token
symbol	DAW	The on-chain symbol of the token



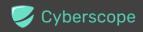
uri

https://bafkreibbwceptt6w7t6 v2dcjkwkkn6mkgabivf76qpbfi m5uocgv2j56ey.ipfs.nftstorag e.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 0 ints

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	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	1	A boolean indicating if the metadata account can be updated. Once flipped to False, it cannot ever be True again
editionNonce	253	Unique identifier for this edition
tokenStandard	2	The standard of the token
image	https://bafkreibbgyr7sq5rnvie vhrocn56kiwxw7yp5ul2gqi7sf s6purdmrq3gu.ipfs.nftstorage .link	URL pointing to the asset's logo



description X:https://x.com/DawkoinsOn The description of the asset Sol



Findings Breakdown



Severity		Unresolved	Acknowledged	Resolved	Other
•	Critical	0	0	0	0
•	Medium	1	0	0	0
	Minor / Informative	0	0	0	0



UA - Update Authority

Criticality	Medium
Location	Dawkoins
Status	Unresolved

Description

The contract is set up in a way that grants the update authority, with the address <code>4p1BsiAYKftxVAG6tqXZXZ62kHGNYo3mmP9ThcXSSpQC</code>, continued access to alter key metadata fields. This situation leaves the token exposed to potential hazards, as this address has the power to adjust critical attributes such as the token's name, symbol, and image. Without revoking these privileges from the update authority, there's a risk of unauthorized or harmful changes that could undermine the token's integrity and its intended use.

Recommendation

It is recommended to revoke the update authority privileges. This action would ensure a consistent security posture across the contract's operational aspects, eliminating the discrepancy that currently allows for undue modification privileges. Implementing this recommendation would align the contract's security measures, providing a more robust defense against unauthorized changes and enhancing the overall security of the contract's operational environment.



Summary

The Dawkoins token, built on the Solana network, implements a robust smart contract structure that was initialized using the Token program, with analysis revealing 1 medium issue.

The contract's mint authority has been renounced. The information regarding the transaction can be accessed through the following link: https://solscan.io/tx/5hViQgaAPZNC48pXzma2tA3CCmRyCgtoJZw7qCvXKUtiFy8fjeWZrXm1WojrupwWV38CwyTXyuCQrvpzG4cv79Vt.



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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

https://www.cyberscope.io