Cyberscope

Audit Report
AiAkitaX

March 2024

Network	SOL
Type	SPL-Token
Address	A9zo6y9QFLaSrB9yWdr9WgK7oAbxvi8cFmzE1DAhyNBg
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

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Review

Network	SOL
Explorer	https://solscan.io/token/A9zo6y9QFLaSrB9yWdr9WgK7oAbxvi8cFmzE1DAhyNBg
Fixed Supply	19,999,999,970
Price (At the time of the report)	$0.0008528
Market Cap (At the time of the report)	$17,055,999.97
CoinGecko	https://coingecko.com/en/coins/aiakitax
Token name	AiAkitaX (AiX)
Token address	A9zo6y9QFLaSrB9yWdr9WgK7oAbxvi8cFmzE1DAhyNBg
Owner Program	Token Program
Decimals	8
Signature	2ueMbzJ7EqchA8z429DAHvYt3tbmzKB5i4TzUfdwXqBuhAP6hwhzxCvZpYmNdEfTjuf4h6ykb11oz7jPyvK3hYkK
Block	#241818755
Deploy Time	January 14, 2024 21:02:15 Eastern European Standard Time
Instructions	CreateAccount, InitializeMint, CreateAssociatedAccount, MintTo, Create-Metadata-Account-V3, Sol-Transfer
By	2fbY61...V6EoR
MintTokens Authority	None
FreezeAccount Authority	None

Metadata File Type	JSON
Name	AiAkitaX
Symbol	AiX
Image	https://cuijg4unu6euo6x2rub6db6dgu7sbgjy6u5dmyhm2n4f2ev7cm7q.arweave.net/FRCTco2niUd6-o0D4YfDNT8gmTj1OjZg7NN4XRK_Ez8
Total Transfers (At the time of the report)	329

Audit Updates

Initial Audit	11 Mar 2024

Source Files

Filename	JSON
Metadata/JSON	https://solscan.io/token/A9zo6y9QFLaSrB9yWdr9WgK7oAbxvi8cFmzE1DAhyNBg#metadata

Overview

The `AiAkitaX` token, symbolized as `AiX` , is a distinguished SPL (Solana Program Library) token initialized using the `TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA` Token Program on the Solana blockchain. The `AiAkitaX` token has a fixed supply of 19,999,999,970 tokens since the minting authority has been renounced. This ensures a stable and unchangeable total supply, enhancing its value proposition within the ecosystem. The token uses the image URL

https://cuijg4unu6euo6x2rub6db6dgu7sbgjy6u5dmyhm2n4f2ev7cm7q.arweave.net/FRCTco2niUd6-o0D4YfDNT8gmTj1OjZg7NN4XRK_Ez8. This image is used for visual identification of the token across various platforms and marketplaces. Overall, the `AiAkitaX` 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 AiAkitaX token are as follows:

#	Token Account		Quantity	Percentage
1	J4V3sHLFCVFkG4JjcFwqam8VGPYVJSSBD974FfcBC7xp	FuxkkY2DCCA21HHZB4ZZvotmnC9BwWJhF6N5DLhEcErg	4,213,839,829	21.0691%
2	Dcv49pJ5afjAz9eX4nwQgDaad3yb3CC52f9HvqsBQyj9	8TMwnZjxqBYi9KHnSyhT6LtqcfnSf7TQK8iV5nqZLLq7	3,137,364,084	15.6868%
3	Hz4VxLGTDwMHKz9BHeNyNqwBKHdtRvADgESjrsArg6eR	5nSTakjXzdDUMy86B75F6zzxBDwK1vwCNDF8R5v7KjAS	2,604,282,294	13.0214%
4	Bzd7u7WVEVnrziwvLLKdCpBwx9R4Y8tkksWsUJS5Pkwq	HnrdQpnVEHegnrBnohqdbnsN8APbpjwv9JKYCQnouVfx	2,074,339,849	10.3716%
5	HQbZrzKgSc7GhuJqRSgi5jv155YRUB72rByTDrmMJsQr	3dSrvy7seJTg5TwK7YmnnRYHuwaHpk1h6qTWBFSH4Mwd	1,592,123,736	7.9606%

Metadata

MetaplexMetadata

The Metaplex Metadata provides details of the characteristics of the `AiAkitaX` token which uses the `AiX` 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 `updateAuthority` field is designated to the account capable of modifying this metadata, identified by the public key `2fbY61Pu9rC23bayUyPMFQ1L1pj2P6dAPqf7LsSV6EoR`. Furthermore, the mint attribute specifies the account `A9zo6y9QFLaSrB9yWdr9WgK7oAbxvi8cFmzE1DAhyNBg` authorized for the initial token mint.

```
{
  "key": 4,
  "updateAuthority": "2fbY61Pu9rC23bayUyPMFQ1L1pj2P6dAPqf7LsSV6EoR",
  "mint": "A9zo6y9QFLaSrB9yWdr9WgK7oAbxvi8cFmzE1DAhyNBg",
  "data": {
    "name": "AiAkitaX",
    "symbol": "AiX",
    "uri":
"https://rxnspmfmi4s7tkxvymzwd27rpym33ia2yhuluhwl762vbzrddoaq.arweave.net
/jdsnsKxHJfmq9cMzYevxfhm9oBrB6Loey_-1UOYjG4E",
    "sellerFeeBasisPoints": 0
  },
  "primarySaleHappened": 0,
  "isMutable": 0,
  "editionNonce": 255,
  "tokenStandard": 2,
  "name": "AiAkitaX",
  "symbol": "AiX",
  "image":
"https://cuijg4unu6euo6x2rub6db6dgu7sbgjy6u5dmyhm2n4f2ev7cm7q.arweave.net
/FRCTco2niUd6-o0D4YfDNT8gmTj1OjZg7NN4XRK_Ez8"
}
```

Metadata description

The `data` section within the metadata discloses the asset's name as "AiAkitaX , its trading symbol as "AiX", and a URI pointing to "https://rxnspmfmi4s7tkxvymzwd27rpym33ia2yhuluhwl762vbzrddoaq.arweave.net/jdsnsKxHJfmq9cMzYevxfhm9oBrB6Loey_-1UOYjG4E". 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 "AiAkitaX's" 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	2fbY61Pu9rC23bayUyPMFQ1L1pj2P6dAPqf7LsSV6EoR	The public key that is allowed to update this account
mint	A9zo6y9QFLaSrB9yWdr9WgK7oAbxvi8cFmzE1DAhyNBg	The public key of the Mint Account it derives from
name	AiAkitaX	The on-chain name of the token
symbol	AiX	The on-chain symbol of the token
uri	https://rxnspmfmi4s7tkxvymzwd27rpym33ia2yhuluhwl762vbzrddoaq.arweave.	The URI to the external metadata. This URI points to an off-chain JSON file that contains additional data following a certain standard

	net/jdsnsKxHJfmq9cMzYe vxfhm9oBrB6Loey_-1UOYj G4E	
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
image	https://cuijg4unu6euo6x2r ub6db6dgu7sbgjy6u5dmy hm2n4f2ev7cm7q.arweav e.net/FRCTco2niUd6-o0D 4YfDNT8gmTj1OjZg7NN4 XRK_Ez8	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 AiAkitaX Token, built on the Solana network, implements a robust structure that was initialized using the Token program, with analysis revealing no critical issues.

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

https://solscan.io/tx/5YwLCTVPzfwqZfpNMEufxqActTsBi47ejnuPcatQ9NMsm19oKKHHNH7cgnAFtrjLYus8w2ZiWjPrWksnjL2BT4RZ

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

https://solscan.io/tx/21iHri5U4tgnLBWrBy3hDoCk89bXXpQFsMePoPcQHFUAFGqNzPk3mh1yG1rf9iGh66PUfjsb5fJpuspzsfZwygTB

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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