



Cyberscope

Audit Report

Bonk

April 2024

Network SOL

Type SPL-Token

Address DezXAZ8z7PnrrnRJz3wXBoRgixCa6xjnB7YoB1pPB263

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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 (Transfer Fee Authority)	Passed
●	MT	Mints Tokens (Mint Authority)	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses (Freeze Authority)	Passed

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Review

Network	SOL
Explorer	https://solscan.io/token/DezXAZ8z7PnrmRJz3wXBoRgixCa6xjnB7YaB1pPB263
Fixed Supply	93,408,025,555,527.81
Token Address	DezXAZ8z7PnrmRJz3wXBoRgixCa6xjnB7YaB1pPB263
Token name	Bonk (Bonk)
Owner Program	Token Program
Decimals	5
Metadata File Type	JSON

Audit Updates

Initial Audit	05 Apr 2024
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Overview

The **Bonk** token symbolized as **Bonk**, is a distinguished SPL (Solana Program Library) token initialized using the `TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA` Token Program on the Solana blockchain, with a fixed supply of `93,408,025,555,527.81` 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://arweave.net/QPC6FYdUn-3V8ytFNuoCS85S2tHAuiDbIh6u3CIZLsw>, which points to a decentralized storage service, while the image https://arweave.net/hQiPZOsrZXGXBjd_82PhVdIM_hACsT_q6wqwf5cSY7I is used for visual identification of the token across platforms and marketplaces. Overall, **Bonk** is a distinct entity within the Solana network, identifiable by its unique characteristics as outlined in its metadata.

Metadata

The Metaplex Metadata provides details of the characteristics of the **Bonk** 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 **9AhKqLR67hwapvG8SA2JFXaCshXc9nALJjpKaHZrsbkw** authorized to modify the metadata. The mint attribute specified the account **DezXAZ8z7PnrnRJjz3wXBoRgixCa6xjnB7YaB1pPB263** authorized for the initial token mint. The asset imposes a seller fee of 0 basis points, indicating no transaction fee for trading is set. The metadata indicates that the asset has undergone its primary sale as indicated by the **primarySaleHappened** value set to 1, and is marked as mutable since **isMutable** is 1, allowing for future changes to the metadata. The editionNonce of 255 signifies a unique edition, while the **tokenStandard** of 2, aligns with a specified token standard within the Solana blockchain, ensuring its compatibility and standardization across the network. This detailed metadata structure offers a comprehensive overview of **Bonk** key features and its operational framework within the Metaplex ecosystem on Solana.

```
{
  "key": 4,
  "updateAuthority": "9AhKqLR67hwapvG8SA2JFXaCshXc9nALJjpKaHZrsbkw",
  "mint": "DezXAZ8z7PnrnRJjz3wXBoRgixCa6xjnB7YaB1pPB263",
  "data": {
    "name": "Bonk",
    "symbol": "Bonk",
    "uri":
      "https://arweave.net/QPC6FYdUn-3V8ytFNuoCS85S2tHAuiDb1h6u3CIZLsw",
    "sellerFeeBasisPoints": 0
  },
  "primarySaleHappened": 1,
  "isMutable": 1,
  "editionNonce": 255,
  "tokenStandard": 2
}
```

Field	Value	Description
key	4	Account discriminator that identifies the type of metadata account
updateAuthority	9AhKqLR67hwapvG8SA2JFXaCshXc9nALJjpKaHZrsbkw	The public key that is allowed to update this account
mint	DezXAZ8z7PnrnRJz3wXBoRgixCa6xjnB7YaB1pPB263	The public key of the Mint Account it derives from
name	Bonk	The on-chain name of the token
symbol	Bonk	The on-chain symbol of the token
uri	https://arweave.net/QPC6FYdUn-3V8ytFNuoCS85S2tHAuiDb1h6u3CIZLsw	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	1	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	255	Unique identifier for this edition
tokenStandard	2	The standard of the token
image	https://arweave.net/hQiPZOsRZXGXBJd_82PhVdIM_hACsT_q6wqwf5cSY7I	Image of the asset
description	The Official Bonk Inu token	Description of the asset
creator	name, site	Creator of the asset

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 Bonk token, built on the Solana network, leverages a solid architecture initiated via the Token program, with analysis revealing no issues.

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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>