



Cyberscope

Audit Report

Marvin

March 2024

Network SOL

Type SPL-Token

Address 5p77HFYjYu7zu7NjQNcfCqrb6UurJiVwhpCYT9BsYvpa

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/5p77HFYjYu7zu7NjQNcfCqrb6UurJiVwhpCYT9BsYvpa
Fixed Supply	100,000,000,000
Token name	MarvinOnSOL (MARVIN)
Token address	5p77HFYjYu7zu7NjQNcfCqrb6UurJiVwhpCYT9BsYvpa
Owner Program	Token Program
Decimals	6
Signature	https://solscan.io/tx/2a9fQgti34zz41uF6tmrjimBSRugDwzuww7Ghv6WRkm87tLjczno3r7BfBPT6LVshGq3FEMMRcFKPqNLCA3dqxC8
Block	# 256254838
Deploy Time	March 25, 2024 03:09:05 Eastern European Standard Time
Instructions	Compute-Budget-Set-Compute-Unit-Price,Compute-Budget-Set-Compute-Unit-Limit,Unknown,CreateAccount,InitializeMint,Create,CreateAssociatedAccount,MintTo
MintTokens Authority	Revoked
FreezeAccount Authority	Revoked
Metadata File Type	JSON
Name	MarvinOnSOL
Symbol	MARVIN

Image	https://bafkreiai5sj3zyq4g5eei4m2wcqe7iknvnkzucjxwsifoiii62fs2wlnla.ipfs.nftstorage.link
Total Transfers (At the time of the report)	1
Total Transactions (At the time of the report)	5
Total Holders (At the time of the report)	1
Badge Eligibility	Yes

Audit Updates

Initial Audit	25 Mar 2024
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Source Files

Filename	JSON
Metadata/JSON	https://solscan.io/token/5p77HFYjYu7zu7NjQNcfCqrb6UurJiVwHpCYT9BsYvpa#metadata

Overview

The `MarvinOnSOL` token symbolized as `MARVIN`, is a distinguished SPL (Solana Program Library) token initialized using the

`TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA` Token Program on the Solana

blockchain. The `MarvinOnSOL` token has a fixed supply of `100,000,000,000`

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://bafkreif2kuj3l2znjgjcij6s6mfu7dbthuqbjsqcxvqvbbxjddymwl7u.ipfs.nftstorage.link>

", which points to a decentralized storage service while the

"<https://bafkreiai5sj3zyq4g5eei4m2wcqe7iknvnkzucjxwsifoiii62fs2wlnla.ipfs.nftstorage.link>"

image is used for visual identification of the token across various platforms and

marketplaces. Overall, the `MarvinOnSOL` 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 Transfers of the Marvin token are as follows:

Signature	Block	Time	Instructions	By	Fee (SOL)
5scGVktZVAtNdsNr5RqyqipiMPSNt14ws31Z8X5PJS9qkEhytHnjuQDDFE6hGQdXrvJbRsKRW7QUrqecXEsD7xci	03-25-2024 09:07:47	Spl-Transfer	CyemXv...ywwzi x	JBXDK9..QoAB3n	100,000,000,000

Transactions

At the time of this report, the transactions of the Marvin token are as follows:

Signature	Block	Time	Instructions	By	Fee (SOL)
5scGVktZVAtNds Nr5RgyqipiMPSN t14ws31Z8X5PJS 9qkEhytHnjuQDD FE6hGQdXrvJbRs KRW7QUrgecXEs D7xci	#256321941	03-25-2024 09:07:47	Compute-Budget- Set-Compute-Uni t-Limit (4+)	CyemX v...yWVZ ix	0.000025
5ZowUmXj8hgGA FsrBsZjJXxTxnq4 LehEDgWbnLEU8 8xbMRK4x9jeyWt eMPWRkoavgJPe R8gZreXSBUZr93 U8eokw	#256321725	03-25-2024 09:06:18	Compute-Budget- Set-Compute-Uni t-Limit (3+)	CyemX v...yWVZ ix	0.0003535 38
3Xjz6Ryf6ip6vaQ M3XSNNPnbCNvi qPStsdmjnK8j5gc 2A8DY1dad2KWP MLDcL7mHnPXZ UEemq8anZkDJz cJg3yRM	#256255305	03-25-2024 01:12:23	Compute-Budget- Set-Compute-Uni t-Limit (2+)	CyemX v...yWVZ ix	0.000105

2FiXP5DrzigJ7kX QMR9f5GuVYeRx XYbSawmUh5YQ GxdD3KQjXpf8J3 ZcCinmcSxvbB7X Qyz3wTMc5Vgrq pSXLpUR	#256255253	03-25-2024 01:12:00	Compute-Budget- Set-Compute-Uni t-Limit (2+)	CyemX v...ywwz ix	0.000105
2a9fQgti34zz41u F6tmrjimBSRugD wzuww7Ghv6WR km87tLjczno3r7B fBPT6LVshGq3FE MMRcFKPqNLCA 3dqxC8	#256254838	03-25-2024 01:09:05	Compute-Budget- Set-Compute-Uni t-Limit (6+)	CyemX v...ywwz ix	0.00011

Holders

At the time of this report, the distribution of Marvin token holders is as follows:

#	Token Account	Quantity	Percentage
1	8pE8L4QPELkm2NagoXrwqsNr hTAgCMVNFSHYXYD5KJYf	100,000,000,000	100.0000%

Metadata

MetaplexMetadata

The Metaplex Metadata provides details of the characteristics of the `MarvinOnSOL` token which uses the `MARVIN` 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

`CyemXvv4p7dpDNudWmCQysZnY5GEhrPYmcd02Lywvzix` authorized for the initial token mint. After the deployment 100 % of the token supply has been transfer to the `JBXDK9MFPNYNJbkDRZh8tkydmpAxxkrBnDLubjVQoAB3n` address.

```
{
  "key": 4,
  "updateAuthority": "CyemXvv4p7dpDNudWmCQysZnY5GEhrPYmcd02Lywvzix",
  "mint": "5p77HfYjYu7zu7NjQNcfCqrb6UurJiVwhpCYT9BsYvpa",
  "data": {
    "name": "MarvinOnSOL",
    "symbol": "MARVIN",
    "uri":
      "https://bafkreif2kuj3l2znjgjcij6s6mfu7dbthuqbjsqcxvfvqvbxbxjddymwl7u.ipfs
      .nftstorage.link",
    "sellerFeeBasisPoints": 0
  },
  "primarySaleHappened": 0,
  "isMutable": 0,
  "editionNonce": 254,
  "tokenStandard": 2,
  "name": "MarvinOnSOL",
  "symbol": "MARVIN",
  "description": "Welcome to the wacky world of Marvin, The memecoin that
  is going to make history at Solana Chain, pretending to be the greatest
  token in that chain. Marvin isn't your average meme - he's a digital
  dynamo, a pixelated prankster, and the undisputed king of comedy on
  Solana. With his signature wit and infectious charm, Marvin is on a
  mission to spread joy, laughter, and a healthy dose of absurdity across
  the blockchain.",
  "image":
    "https://bafkreiai5sj3zyq4q5eei4m2wcqe7iknvnkzucjxwsifoji62fs2wlnla.ipfs
    .nftstorage.link"
}
```

Metadata description




The data section within the metadata discloses the asset's name as `MarvinOnSOL`, its trading symbol as `MARVIN`, and an image URI pointing to "<https://bafkreiai5sj3zyq4g5eei4m2wcqe7iknvnkzucjxwsifoiii62fs2wlnla.ipfs.nftstorage.link>". 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` : 0), not 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 `MarvinOnSOL` 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	CyemXvv4p7dpDNudWmCQysZnY5GEhrPYmcd02Lywvzi x	The public key that is allowed to update this account
mint	5p77HFYjYu7zu7NjQNcfCqrb6UurJiVwhpCYT9BsYvpa	The public key of the Mint Account it derives from
Name	MarvinOnSOL	The on-chain name of the token
Symbol	MARVIN	The on-chain symbol of the token

Uri	https://bafkreif2kuj3l2znjgicij6s6mfu7dbthuqbjsqcxvqvbbbxjddymwl7u.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
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	Welcome to the wacky world of Marvin, The memecoin that is going to make history at Solana Chain, pretending to be the greatest token in that chain. Marvin isn't your average meme – he's a digital dynamo, a pixelated prankster, and the undisputed king of comedy on Solana. With his signature wit and infectious charm, Marvin is on a mission to spread joy, laughter, and a healthy dose of absurdity across the blockchain.	Description of the asset

image	https://bafkreiai5sj3zyq4g5eei4m2wcqe7iknvnkzucjxwsifoji62fs2wlnla.ipfs.nftstorage.link	URI pointing to the asset's logo
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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 Marvin token, built on the Solana network, implements a robust smart contract structure that was initialized using the Token program, with analysis revealing no 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/2FiXP5DrzigJ7kXQMR9f5GuVYeRxXYbSawmUh5YQGxdD3KQjXpf8J3ZcCinmcSxvbB7XQyz3wTMc5VgrqpSXLpUR>.

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

<https://solscan.io/tx/3Xjz6Ryf6ip6vaQM3XSNNPnbCNviqPStsdmjnK8j5gc2A8DY1dad2KWPMLDcL7mHnPXZUEemq8anZkDJzcJg3yRM>

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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>