Cyberscope

Audit Report
SOLT The Lighting

March 2024

Network	SOL
Type	SPL-Token
Address	8TQszvEkNgiG1QuXUr5N9EL4T6wXAKbdyiPnMMR1n4nz
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/8TQszvEkNgiG1QuXUr5N9EL4T6wXAKbdyiPnMMR1n4nz
Fixed Supply	999,817,715.7635068
Twitter	https://twitter.com/official_solt
Telegram	https://t.me/solt_the_lighting
Token name	SOLT The Lighting (SOLT)
Token address	8TQszvEkNgiG1QuXUr5N9EL4T6wXAKbdyiPnMMR1n4nz
Owner Program	Token Program
Decimals	9
MintTokens Authority	None
FreezeAccount Authority	System Program
Metadata File Type	JSON
Name	SOLT The Lighting
Symbol	SOLT
Image	https://bafybeia4gh3lyysjv5nkymvc6ublc4p6xjrxvszbbtb4eugkha33g7yvwa.ipfs.nftstorage.link
Total Transfers (At the time of the report)	512

Audit Updates

Initial Audit	15 Mar 2024

Source Files

Filename	JSON
Metadata/JSON	https://solscan.io/token/8TQszvEkNgiG1QuXUr5N9EL4T6wXAKbdyiPnMMR1n4nz#metadata

Overview

The `SOLT The Lighting` token, symbolized as `SOLT` , is a distinguished SPL (Solana Program Library) token initialized using the `TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA` Token Program on the Solana blockchain. The `SOLT The Lighting` token has a fixed supply of 999,817,715.7635068 tokens since the minting has closed. This ensures a stable and unchangeable total supply, enhancing its value proposition within the ecosystem. The token uses the image URL

https://bafybeia4gh3lyysjv5nkymvc6ublc4p6xjrxvszbbtb4eugkha33g7yvwa.ipfs.nftstorage.link. This image is used for visual identification of the token across various platforms and marketplaces. Overall, the `SOLT The Lighting` 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 "SOLT The Lighting" token are as follows:

#	Token Account		Quantity	Percentage
1	AUwfJH33e7TLfVnkn2pZNpgfjePTkRSYSS4oRR8WJvna	Raydium Authority V4	272,017,543.5761811	27.2067%
2	7Cajk56TqguTxnfsAhtqyQ8HvPk3ee581SSy5xGDgfCV	5y6WWTuYq791MxAH3J1E6f1eHfuzmr3QUtc2abSjfFG7	92,765,055	9.2781%
3	4KYGwzc7uDSXxmBEZwAz4VeJKvskoDXbbHeDbpoGqxuu	2uJZPwYkrspxN3KJWzjHEwaNHfGrKMdXtkCngvT9qcMS	87,125,048.74473733	8.7140%
4	HHx7Dh1EvUW3FASZm2TC86L1417uLj3TZ4ij5f6VqqmM	ER1jvNLpKpN8efbK7wjZGNUVn8Bw45gDhCjrk8sSEwrX	50,000,000	5.0009%
5	6pgZH4qKn83TVY1xKQrxAvP293nicW2JGB89wxfWXDr4	HQtYAoQ81gpW849GnKaagsxtKBU16jFRFi5UuSfrQHL7	46,899,508.533835895	4.6908%

Metadata

MetaplexMetadata

The Metaplex Metadata provides details of the characteristics of the `SOLT The Lighting` token which uses the `SOLT` 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 `3fV9AqAYbgdQcLp8sdb2uEbuQoYvXfbSMuCUV37B1JaE`. Furthermore, the mint attribute specifies the account `8TQszvEkNgiG1QuXUr5N9EL4T6wXAKbdyiPnMMR1n4nz` authorized for the initial token mint.

```
{
  "key": 4,
  "updateAuthority": "3fV9AqAYbgdQcLp8sdb2uEbuQoYvXfbSMuCUV37B1JaE",
  "mint": "8TQszvEkNgiG1QuXUr5N9EL4T6wXAKbdyiPnMMR1n4nz",
  "data": {
    "name": "SOLT The Lighting",
    "symbol": "SOLT",
    "uri":
"https://bafkreidgkvpxfxy3j2lo4gzuyb7ilkt67ossopkaqi6f6qn2yxpmkpnqha.ipfs
.nftstorage.link",
    "sellerFeeBasisPoints": 0
  },
  "primarySaleHappened": 0,
  "isMutable": 0,
  "editionNonce": 255,
  "tokenStandard": 2,
  "name": "SOLT The Lighting",
  "symbol": "SOLT",
  "image":
"https://bafybeia4gh3lyysjv5nkymvc6ublc4p6xjrxvszbbtb4eugkha33g7yvwa.ipfs
.nftstorage.link",
  "description": "",
  "extensions": {
    "twitter": "https://twitter.com/official_solt",
    "telegram": "https://t.me/solt_the_lighting"
  },
  "tags": [],
  "creator": {
    "name": "DEXLAB MINTING LAB",
    "site": "https://www.dexlab.space"
  }
}
```

Metadata description

The `data` section within the metadata discloses the asset's name as "SOLT The Lighting" , its trading symbol as "SOLT", and a URI pointing to "https://bafkreidgkvpxfxy3j2lo4gzuyb7ilkt67ossopkaqi6f6qn2yxpmkpnqha.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 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 "SOLT The Lighting'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	3fV9AqAYbgdQcLp8sdb2uEbuQoYvXfbSMuCUV37B1JaE	The public key that is allowed to update this account
mint	8TQszvEkNgiG1QuXUr5N9EL4T6wXAKbdyiPnMMR1n4nz	The public key of the Mint Account it derives from
name	SOLT The Lighting	The on-chain name of the token
symbol	SOLT	The on-chain symbol of the token
uri	https://bafkreidgkvpxfxy3j2lo4gzuyb7ilkt67ossopkaq	The URI to the external metadata. This URI points to an off-chain JSON file that contains additional data following a certain standard

	i6f6qn2yxpmkpnqha.ipfs.n ftstorage.link	
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	255	Unique identifier for this edition
tokenStandard	2	The standard of the token
image	https://bafybeia4gh3lyysjv 5nkymvc6ublc4p6xjrxvszb btb4eugkha33g7yvwa.ipfs. nftstorage.link	URL pointing to the asset's logo
description	empty	The description of the asset
extension	twitter, telegram	Extensions of the asset
tags	empty	Tags 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 SOLT The Lighting token, built on the Solana network, implements a robust structure that was initialized using the Token program, with analysis revealing no critical issues. Both the mint and freeze authority have been renounced.

Summary

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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

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