



Cyberscope

Audit Report

Asvoria

January 2024

Network SOL devnet

Type SPL Token 2022

Address 817hDwFX8xEj3NshAjwsAeBYa9NBrSp4ZWNgHJR247nm

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Review

Network	SOL Devnet
Token Type	SPL Token
Explorer	https://solscan.io/token/817hDwFX8xEj3NshAjwsAeBYa9NBrSp4ZWNgHJR247nm?cluster=devnet
Current Supply	1,200,000,000
Token name	Asvoria (ASV)
Token address	817hDwFX8xEj3NshAjwsAeBYa9NBrSp4ZWNgHJR247nm
Owner Program	Token 2022 Program
Decimals	9
Transfer fee	3% fixed
Current Maximum Fee	30,000
Withdraw Withheld Fees Authority	ASV4xZW71kSfPEtBtb12nJRzFcsNtMmC1HFuWSC3Fvqt
Metadata File Type	JSON
Name	Asvoria
Symbol	ASV
Image	https://bafybeiap2jqce7xki7m6ei2ctkkdwczxgll03gnueia63c6aipbka3opmu.ipfs.nftstorage.link/asvoria.png
Total Holders (At the time of the report)	4
Total Transactions (At the time of the report)	3

Audit Updates

Initial Audit	30 Jan 2024 https://github.com/cyberscope-io/audits/blob/main/asv/v1/audit.pdf
Acknowledged Phase	08 Feb 2024

Source Files

Filename	JSON
Metadata/JSON	https://drive.google.com/file/d/1ukcYPLucCIsnaSWKqrs7GByp2P8ftL5K/view

Overview

The Asvoria token, represented by the symbol `ASV`, is an SPL (Solana Program Library) token, as indicated by its presence on the Solana blockchain. The metadata JSON file associated with this token provides essential details about it. The name Asvoria specifies the identity within the Solana ecosystem. A significant aspect of this token's metadata is the image URL

<https://bafybeiap2jgce7xki7m6ei2ctkkdwczxgll03gnueia63c6aipbka3opmu.ipfs.nftstorage.link/asvoria.png>, which points to an image. This image is used for visual identification of the token across various platforms and marketplaces. Overall, the Asvoria token is a distinct entity within the Solana network, identifiable by its unique characteristics as outlined in its metadata.

Transactions

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

Signature	Block	Time	Instructions	By	Fee (SOL)
4eqF9u...mPw8f?cluster=devnet	#276469620	02-01-2024 16:05:52	Compute-Budget-Set-Compute-Unit-Price Compute-Budget-Set-Compute-Unit-Limit Spl-Token: TransferChecked	2i6q...hJb	0.000025
5S8gWwDArWgd...?cluster=devnet	#276469260	02-01-2024 16:03:38	Compute-Budget-Set-Compute-Unit-Price Compute-Budget-Set-Compute-Unit-Limit Unknown CreateAssociatedAccount Spl-Token: TransferChecked	2i6q...hJb	0.000025
4m3k...hbp?cluster=devnet	#276461962	02-01-2024 15:18:39	Spl-Token: SetAuthority	ASV4xZ...Fvqt	0.000005

Holders

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

#	Address	Owner	Quantity	Percentage
1	HwmpysTP7HfBeQ4dQVSZNtsUS48w8VTwdb1pLqK8QB9k	ASV4xZW71kSfPEtBtb12nJRzFcsNtMmC1HFuWSC3Fvqt	1,190,999,990	99.25%
2	F3KWi53gCzTftcuvr3HzBwyZgyC3xvaagJtcfg8jYwCb	2i6qTisfkCQn5BCpWhkmbqo5HGAnAnV7wkRNEJwRkhJb	8,999,800	0.75%
3	A48zx1M6X2y3azSBILauxgHRjXrY8d65aCkYXj1NxMjD	3PjLU8dJEFoNXT3ezDo86SA YbCGhENTeFdUukuAubJ1	200	0.0%
4	ZyJYAwKsyRhvriZs9Anya7rQ3Gog8mKSq9P1r4oQN1kg	ASV4xZW71kSfPEtBtb12nJRzFcsNtMmC1HFuWSC3Fvqt	10	0.0%

This distribution represents the token holdings at the specific time of our audit. Changes in distribution may occur due to subsequent transactions.

URI Metadata

The URI Metadata represents the essential details of the `Asvoria`, symbolized with `ASV`. It includes all the information of the token including its name, symbol, and its decimals. A feature is the inclusion of an image URL, "<https://bafybeiap2jgce7xki7m6ei2ctkkdwczxglllo3gnueia63c6aipbka3opmu.ipfs.nftstorage.link/asvoria.png>". This image link is crucial for visual identification and representation of the Asvoria token across various platforms and marketplaces. This metadata succinctly encapsulates the key visual and identifying features of the Asvoria token.

```
{
  "chainId": "101",
  "address": "817hDwFX8xEj3NshAjsAeBYa9NBrSp4ZWNgHJR247nm",
  "symbol": "ASV",
  "name": "Asvoria",
  "collection": null,
  "ticker": "ASV",
  "decimals": 9,
  "image":
  "https://bafybeiap2jgce7xki7m6ei2ctkkdwczxglllo3gnueia63c6aipbka3opmu.ipfs.nftstorage.link/asvoria.png",
  "tags": null,
  "otherExtensions": {}
}
```


Field	Value	Description
chainId	101	The ID of the chain
address	817hD...47nm	The address of the token
Symbol	ASV	The on-chain symbol of the token
Name	Asvoria	The on-chain name of the token
Ticker	ASV	The ticker of the token
Decimals	9	The decimals of the token
Image	https://baf...oria.png	The image of the token

Token Sale Allocation

At the time of this report, the project's token sale allocation is outlined as follows:

Round	%	Tokens	PRICE	VALUATION	AMOUNT RAISED
Seed	8	96,000,000	\$ 0,02	\$24,000,000	\$1,920,000
Private sale*	14,7	176,000,000	\$ 0,03	\$36,000,000	\$5,280,000
Public sale**	0,375%	4,500,000	+/- \$ 0,04 TBD	+/- \$48,000,000 TBD	+/- \$180,000 TBD
Public sale 2	1,85%	22,200,000	+/- \$ 0,05 TBD	+/- \$60,000,000 TBD	+/- \$1,110,000 TBD
Total	24,925	298,700,000	-	-	+/- \$8,490,000 TBD

*Ongoing: could be allocated to Public Sale

**1828 Solana was raised at an average value of 98.46 USD Per Solana

Distribution and Vesting Details

At the time of this report, the project's expected distribution and vesting details are as follows:

Name	TGE	Cliff	Linear Vesting Time
SEED	4%	3 months	9 months
PRIVATE SALE	5%	3 months	8 months
PUBLIC SALE	16%	-	6 months
TEAM	0%	3 months	20 months
ADVISORS	0%	3 months	20 months
MARKETING & OPERATIONS	0%	-	10 months
LIQUIDITY & EXCHANGE	50% LOCKED	-	5 months
ECOSYSTEM & DEVELOPMENT	0%	-	16 months
STAKING	0%	-	12 months
TREASURY	0%	-	6 months

Findings Breakdown



● Critical	0
● Medium	0
● Minor / Informative	1

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

CR - Centralization Risk

Criticality	Minor / Informative
Status	Acknowledged

Description

The token account `HwmpysTP7HfBeQ4dQVSZNtsUS48w8VTwdb1pLqK8QB9k`, owned by the account address `ASV4xZW71kSfPEtBtb12nJRzFcsNtMmC1HFuWSC3Fvqt`, holds almost all the entire supply of the Asvoria token. Following the deployment, all tokens were transferred to this single account. Consequently, this address now owns almost all the entire token supply, amounting to 1,190,999,990 ASV. This concentration of the entire token supply in one address raises significant concerns about centralization within the token's ecosystem. Such a scenario creates a risk of market manipulation and could lead to other adverse effects, potentially undermining the token's decentralized nature and the overall health of its ecosystem.

Recommendation

It is recommended to distribute the tokens more broadly to achieve a more decentralized token holding structure. This can mitigate the risks associated with centralization and ensure a more stable and secure ecosystem for all participants. If the new address consists of a team's wallet address, then the team should carefully manage the private keys of that account. We strongly recommend implementing a robust security mechanism to prevent a single user from accessing the contract admin functions, such as a multi-sign wallet so that many addresses will confirm the action.

Team Update

The team has acknowledged that this is not a security issue and states: *This is normal because we have not distributed tokens yet. We will distribute tokens to holders and spread out the remaining tokens in the wallets that should hold them (marketing wallet, treasure wallet, etc)*

Summary

The Asvoria token, built on the Solana network, implements a robust smart contract structure, with analysis revealing no critical issues in its design or functionality. Fees are at 3% fixed.

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About Cyberscope

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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

<https://www.cyberscope.io>