



Alverse Token Audit

RugfreeCoins Verified on January 25th, 2025

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Audit details



Audited project
Alverse Token



Contract Address

EWF4C27jNRAFjxc6Kd4GedaqPQ6JLTQeKUewqV9xE2MY



Client contact

Alverse Token Team



Blockchain

Solana



Project website

Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

Background

RugfreeCoins was commissioned by the Alverse Token Team to perform an audit of the smart contract.

https://solscan.io/token/EWF4C27jNRAFjxc6Kd4GedaqPQ6JLTQeKUewqV9xE2MY

This audit focuses on verifying that the smart contract is secure, resilient, and working according to the specifications.

The information in this report should be used to understand the risk exposure of the smart contract, project feasibility, and long-term sustainability, and as a guide to improving the smart contract's security posture by remediating the identified issues.

Tokenomics

▲ 0% tax when buying & selling

Target market and the concept

- Anyone who's interested in the Crypto space with long-term investment plans.
- Anyone who's ready to earn a passive income by holding tokens.
- Anyone who's interested in trading tokens.
- Anyone who's interested in taking part in the Alverse token ecosystem.
- Anyone who's interested in taking part in the future plans of Alverse Token.
- Anyone who's interested in making financial transactions with any other party Alverse Token as the currency.

Potential to grow with score points

→ Project efficiency	8 / 10
** Project uniqueness	8 / 10
Information quality	8 / 10
3 Service quality	8 / 10
System quality	8 / 10
Market on the community	8 / 10
inpact on the business	8 / 10
Preparing for the future	8 / 10
☐ Smart contract security	10 / 10
★ Smart contract functionality assessment	10 / 10
▼ Total Score	8.4 / 10

Contract details

Token contract details for 25th of January 2025

Contract name	Alverse
Contract address	EWF4C27jNRAFjxc6Kd4GedaqPQ6JLTQeKUewqV9xE2MY
Token supply	100,000,000.00
Token ticker	VAI
Decimals	9
Token holders	1
Transaction count	1
Update Authority	2MYDTfBci6jcky32WM4XPr5hYmMBp118NDY3hUABmNkD
Mint	EWF4C27jNRAFjxc6Kd4GedaqPQ6JLTQeKUewqV9xE2MY

Meta Data

Metaplex Metadata

Solana metadata refers to additional information associated with a digital asset or Non-Fungible Token (NFT) on the Solana blockchain. This information encompasses details such as the asset's name, description, image, attributes, and other pertinent data. In the Solana context, metadata is typically stored in JSON format and linked to the asset's unique identifier or token ID. This metadata serves as crucial information about the asset, enabling users and applications to comprehend and engage with it.

Solana metadata serves various purposes, including the presentation of asset information in marketplaces, the creation of visually rich representations of NFTs, and the facilitation of advanced functionalities such as royalties, provenance tracking, and interoperability across different platforms.

```
🕶 ( 8 items 🚉
  updateAuthority: "2MYDTf8ci6jcky32WM4XPr5hYmM8p118NDY3hUABmNkD" 🕏
  mint: "EWF4C27jNRAFjxc6Kd4GedaqPQ6JLTQeKUewqV9xE2MY"
   ▼ data : { 5 items
     name : "Alverse"
     uri: "https://gateway.pinata.cloud/ipfs/QmYfujfRRE9w1rce35NS5vqBk1mRZCMqN9wnnaDGhys4XS"
     sellerFeeBasisPoints : 0
      ▼ 0 : { 3 ftems
            address: "ZMYDTfBci6jcky3ZWM4XPr5hYmMBp118NDY3hUABmNkD"
            verified: 1
            share : 100
  primarySaleHappened: 0
  isMutable: 0
  editionNonce: 255
  tokenStandard: 2
```

Metadata Results

Field	Value
Key	4
Update authority	2MYDTfBci6jcky32WM4XPr5hYmMBp118NDY3hUABmNkD
Mint	EWF4C27jNRAFjxc6Kd4GedaqPQ6JLTQeKUewqV9xE2MY
Name	Alverse
Symbol	VAI
URI	https://gateway.pinata.cloud/ipfs/QmYfujfRRE9w1rce35NS5vqBk1mRZCMqN9wnnaDGhys4XS
SellerFeeBasisPoints	0
PrimarySalesHappen ed	0
isMutable	0
editionNonce	255
tokenstandard	2

Security issue checking status

- High severity issues
 No high severity issues found
- Medium severity issues
 No medium severity issues found
- Low severity issuesNo low severity issues found

Centralisation issues

The token Alverse token under the ownership of the account with the address of **91oKwmRSHLL1xqrN91y47H5kjvWgKKqEPZYftcHDCHrX** and currently holds a substantial supply of Alverse tokens.

After the deployment, all tokens were centralized into this specific account. As a result, this address currently holds 100% of the token supply, amounting to **100,000,000.00** Alverse tokens. The consolidation of the entire token supply in one address raises significant concerns regarding centralization within the token's ecosystem. This situation introduces the potential risk of market manipulation and could lead to other adverse consequences, jeopardizing the decentralized nature of the token and the overall health of its ecosystem.

Audit conclusion

RugFreeCoins team has performed in-depth testing, line-by-line manual code review, and automated audit of the smart contract. The smart contract was analyzed mainly for common smart contract vulnerabilities, exploits, manipulations, and hacks. According to the smart contract audit.

Smart contract functional Status:	PASS -
Smart contract security Status:	PASS +
Number of risk issues:	NONE -
Solidity code functional issue level:	PASS -
Number of owner privileges:	NONE -
Centralization risk correlated to the active owner:	LOW
Smart contract active ownership:	ACTIVE -