



SMART CONTRACT SECURITY AUDIT

WATCHTOWER

AUDIT DETAILS



Project Name

WalletNow



Contract address

0x56AA0237244C67B9A854B4Efe8479cCa0B105289



Deployer Address:

0x2d6165C577759aD3379cEB33Bb659f5dC9A9f4F4



Blockchain

Binance Smart Chain



Project website:

<https://walletnow.net/>



DISCLAIMER

Watchtower has completed this report to provide a summary of the Smart Contract functions, and any security, dependency or cybersecurity vulnerabilities. This is often a constrained report on our discoveries based on our investigation and understanding of the current programming versions as at the date of this report. In order to understand the full scope of our analysis, it is vital for you to review the complete report. Although we have done our best in conducting our investigation and creating this report, it is vital to note that you should not depend on this report and cannot make any claim against Watchtower or its Subsidiaries and Team members on the premise of what has or has not been included in the report. Please remember to conduct your own independent examinations before making any investment choices. We do not provide investment advice or in any way claim to determine if the project will be successful or not.

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ABOUT THE AUDITOR:

Watchtower is an Anti-Scam Token Utility which reviews Smart Contracts and Token information to Identify Rug Pull and Honey Pot scamming activity.

Watchtowers Development Team consists of a number of Smart Contract creators, Auditors Developers and Blockchain experts.

Watchtowers Website Scanner reviews a number of Risk factors to provide an adequate Risk summary of token projects.

In Addition to this the team also helps with Creation of Smart Contracts for legitimate projects, Audits and Promotion.





OVERVIEW

Watchtower was commissioned by WalletNow to complete a Smart Contract audit.

The objective of the Audit is to achieve the following:

- Review the Project and experience and Development team
- Ensure that the Smart Contract functions are necessary and operate as intended.
- Identify any vulnerabilities in the Smart Contract code.

DISCLAIMER: This Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or provide financial advice in any way, All investments are made at your own risk.

(<https://www.cryptowatchtower.io/>)



SMART CONTRACT REVIEW



Contract Created on the 16th May 2021



WalletNow Overview

Project Details:

WalletNow is a crypto portfolio monitoring solution. It aggregates all your DeFi & CeFi investments in a searchable table and actively monitors it with an integrated Telegram Bot.

The technology provides you with an overview of all the tokens in your wallet, including their values, detailed LP information, impermanent loss and yields calculation.

The tool is very useful for people to track their investments.

Tokenomics:

Starting Supply: 10,000,000 (10 Million)

0% Tax for Buys and Sells

- Private sale: 10% (1MM \$WNOW). Used exclusively for marketing.
- Round 1: (Sold out) 500K tokens for our early adopters and supporters, with immediate vesting.
- Round 2: (Planned) 500K tokens reserved for another future round of private sale with long-term vesting.
- Initial liquidity: 5% (500K \$WNOW)
- Farming: 30% (3MM \$WNOW)
- Project operation: 25% (2.5MM \$WNOW)
- Team: 30% (3MM \$WNOW)

Team Review:

Watchtower reviewed a number of factors including the teams background and Cryptocurrency experience, social media interaction and availability, project momentum, token risks and community trust score.

The WalletNow Team has conveyed sound Cryptocurrency knowledge, Technical Blockchain and Web development skills.

The development of the WalletNow tool requires a good level of technical knowledge and is created in a user friendly way which is necessary for mass adoption.

The team is not doxxed however the contract is deemed safe and is renounced so Scamming activity is almost impossible.



CONTRACT FUNCTIONS DETAILS

Functions (Public)

1. Approve
2. Decrease allowance
3. Increase Allowance
4. Mint (Unable to be called as contract is renounced)
5. Renounce ownership (Has been called)
6. Transfer to
7. Transfer from
8. Transfer Ownership



Functions Risk

Upon review of Smart Contract Coding and Functions, Watchtower is satisfied that no malicious coding has been found. The contract deployed is simple and created for the purpose of supporting the WalletNow tool which is the selling point of the project. The project has been set up to focus on the use case of the project rather than the features of the token.

Note from Project owners:

\$WNOW is a utility token, with the sole purpose of enabling your WalletNow membership plan. It should not be treated as a security nor an asset.



Contract Stress Test

Imported Libraries / Interfaces

- Address
- Context
- IBEP20
- Ownable
- SafeMath

Overview

1. ADDITION OF COMMENTS:	10
2. CALL STACK DEPTH ATTACK:	10
3. TIME STAMP DEPENDENCY:	10
4. PARTY MULTISIG BUG:	10
5. USE OF LIBRARIES/DEPENDENCIES (FROM TRUSTED SOURCES):	10
a. TRANSACTION-ORDERING DEPENDENCY:	10
6. ACCESS CONTROL AND AUTHORIZATION:	10
7. REENTRANCY ATTACKS:	10
8. ERC/BEP STANDARD VIOLATIONS:	10
9. USAGE OF VISIBILITY LEVELS:	10



ISSUES CHECKING STATUS



Issue description	Checking status
1. Compiler errors.	Passed
2. Race conditions and Reentrancy. Cross-function race conditions.	Passed
3. Possible delays in data delivery.	Passed
4. Oracle calls.	Passed
5. Front running.	Passed
6. Timestamp dependence.	Passed
7. Integer Overflow and Underflow.	Passed
8. DoS with Revert.	Passed
9. DoS with block gas limit.	Passed
10. Methods execution permissions.	Passed



Issue description	Checking status
11. Economy model of the contract.	Passed
12. The impact of the exchange rate on the logic.	Passed
13. Private user data leaks.	Passed
14. Malicious Event log.	Passed
15. Scoping and Declarations.	Passed
16. Uninitialized storage pointers.	Passed
17. Arithmetic accuracy.	Passed
18. Design Logic.	Passed
19. Cross-function race conditions.	Passed
20. Safe Open Zeppelin contracts implementation and usage.	Passed
21. Fallback function security.	Passed



SECURITY ISSUES



High Severity Issues

No High Severity Issues found.



Medium Severity Issues

No Medium Severity Issues found.



Low Severity Issues

No Low Severity Issues found



CONCLUSION

Watchtower reviewed WalletNow's deployed and verified contract to conduct this audit.

Watchtower is satisfied that the contract has no malicious coding and the project has working tool with a proper utility for the Cryptocurrency market.

Watchtower Disclaimer:

Please check the disclaimer page and note, this Audit is intended to inform about token Contract Risks, the result does not imply an endorsement or in any way provide financial advice, please do your own research. By reading this report you accept and agree to the disclaimer and understand investments are made at your own risk.

(<https://www.cryptowatchtower.io/>)

Contact Us

 @Watchtower_WTW

 Watchtower-WTW

 Watchtowercrypto



Watchtower Scanner Result

Link Address:

<https://www.cryptowatchtower.io/tokens/scan/0x56aa0237244c67b9a854b4efe8479cca0b105289/>

 **WalletNow** 

Symbol: **WNOW 0x56aa0237244c67b9a854b4efe8479cca0b105289**
Created At: 2021-05-16 19:25:37 Compiler Version: v0.6.12+commit.27d51765
WalletNow aims to consolidate all your crypto investments from multiple sources and aggregates them in a simple, clean, and searchable table.

 **Watchtower Score:**
10/10 Low Risk

Reason:
This Token is identified as low risk due to a number of factors which can include, lower price impact of top holders, locked Liquidity pool, safe contract code and renounced contract.

Liquidity Pool Information
Market Cap: 5559,289.472
Total Supply : 10,000,000
LP address (WNOW / WBNB) : 0x268c6d2bd3...2ae6ecda9a23
WBNB: 91,008 (\$33,945.95, 6.07% of Market Cap)
WNOW: 605,458.482 (6.05% LP Holding of Market Cap)
Burned or locked LP: 99.60%
LP address (WNOW / BUSD) : 0x6f47aa4648...a6e10db19a92
BUSD: 0.093 (\$0.09, 0.00% of Market Cap)
WNOW: 151 (0.00% LP Holding of Market Cap)
Burned or locked LP: 0.00%

Contract Address (TOP 5 / 4630 Holders)

Wallet Address	Tokens	Value(\$)	Value(%)
0x76e519...1f4b05c4	169384.00471485114856174	\$9,473.469	1.69%
0x62b426...38835716	51663.735145289467598142	\$2,889.498	0.52%
0xebbd2c...077fbbdd	34287.1476411644658326737	\$1,917.644	0.34%
0x7094c8...113ee0ee	29267.842858571657956066	\$1,636.92	0.29%
0xf4eb8b...47aca39f	14777.929302133281696622	\$826.514	0.15%

Top 5 Holders have **2.99%**
(**2.99% Burn Adjusted**)
Price Impact Risk Low

MINT FUNCTION DETECTED ?
YES
RENOUNCED OWNERSHIP ?
YES
MINT function causes an Autofail however if it is an Exchange then it could be legitimate, please let us know if you believe this is incorrect.

