



Coinsult

Advanced Manual Smart Contract Audit



Project: Walkn

Website: <https://walkn.app/>

Low-Risk

1 low-risk code
issues found

Medium-Risk

0 medium-risk code
issues found

High-Risk

0 high-risk code
issues found

Contract Address

0x904160F6E18D90882e85c9AC0475ef3412241723

Disclaimer: Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

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Coinsult is not responsible if a project turns out to be a scam, rug-pull or honeypot. We only provide a detailed analysis for your own research.

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Coinsult can not be held responsible for when a project turns out to be a rug-pull, honeypot or scam.

Tokenomics

Rank	Address	Quantity (Token)	Percentage
1	0x12770c7feafde5d8881facc427bc6f2f7bbadad7	5,000,000,000	100.0000%

Source Code

Coinsult was comissioned by Walkn to perform an audit based on the following smart contract:

<https://bscscan.com/address/0x904160f6e18d90882e85c9ac0475ef3412241723#code>

Manual Code Review

In this audit report we will highlight all these issues:

Low-Risk

1 low-risk code
issues found

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0 medium-risk code
issues found

High-Risk

0 high-risk code
issues found

The detailed report continues on the next page...

● **Low-Risk:** Could be fixed, will not bring problems.

Too many digits

Literals with many digits are difficult to read and review.

```
constructor(address taxAccount, uint256 maxTaxAmount) ERC20("WalkN", "WALKN") {
    require(taxAccount != address(0), "taxAccount_ can't be the zero address");
    _mint(msg.sender, 5000000000 * 10 ** decimals());
    _taxAddress = taxAccount;
    _maxTax = maxTaxAmount;
    _buyTax = maxTaxAmount;
    _sellTax = maxTaxAmount;
}
```

Recommendation

Use: Ether suffix, Time suffix, or The scientific notation

Exploit scenario

```
contract MyContract{
    uint 1_ether = 1000000000000000000;
}
```

While 1_ether looks like 1 ether, it is 10 ether. As a result, it's likely to be used incorrectly.

Owner privileges

- Owner cannot set fees higher than 25%
- Owner cannot change max transaction amount
- Owner can exclude from fees
- Owner can pause the contract
- Owner can blacklist addresses
- ⚠ Owner can remove pool address

Extra notes by the team

No notes

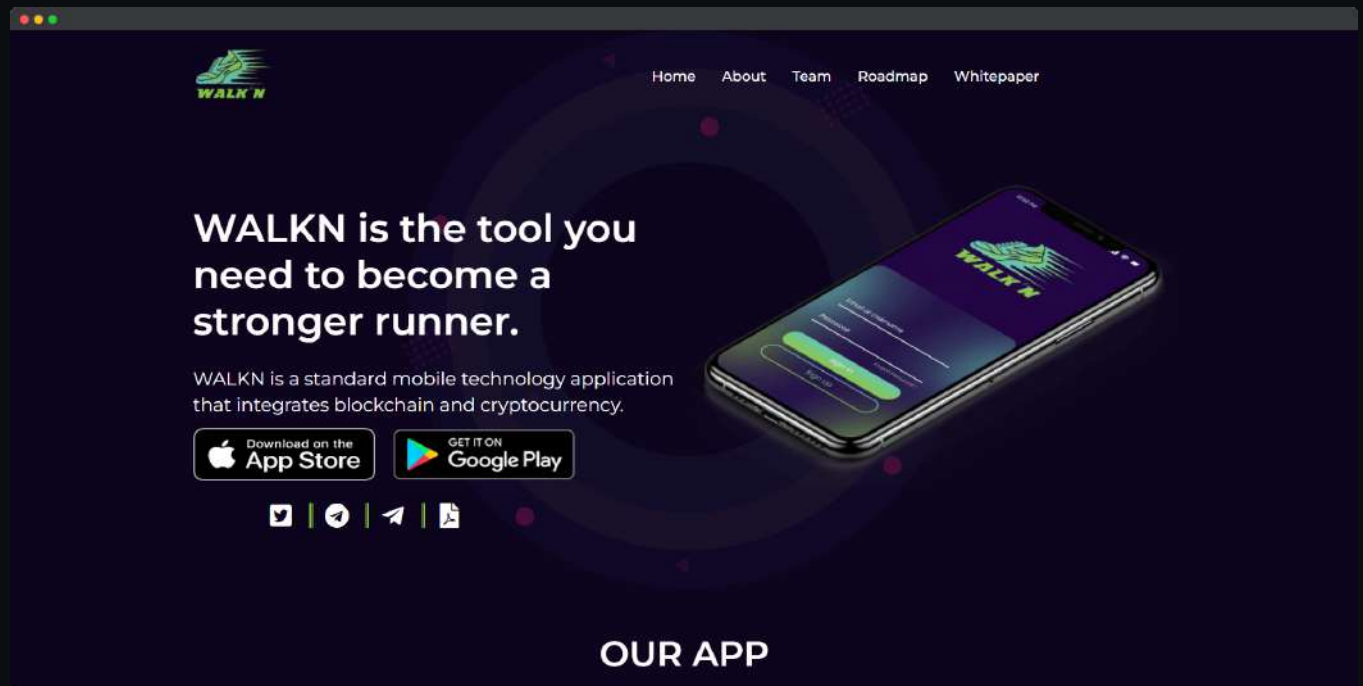
Contract Snapshot

```
contract WalkN is ERC20, ERC20Burnable, Pausable, Ownable {
```

```
    mapping(address => bool) private _whitelist;  
    address private _taxAddress;  
    uint256 private immutable _maxTax;  
    uint256 private _buyTax;  
    uint256 private _sellTax;  
    mapping(address => bool) private _isPool;  
    mapping(address => bool) private _blacklist;
```

Website Review

Coinsult checks the website completely manually and looks for visual, technical and textual errors. We also look at the security, speed and accessibility of the website. In short, a complete check to see if the website meets the current standard of the web development industry.



- Mobile Friendly
- Does not contain jQuery errors
- SSL Secured
- No major spelling errors

Project Overview

● Not KYC verified by Coinsult

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