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SECURITY ANALYSIS

Nouveau dossier.zip

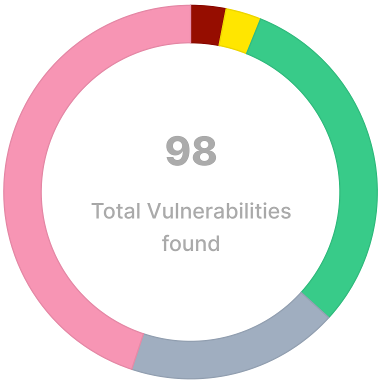
File Scan

Security Score	47.86/100
Scan duration	5 secs
Lines of code	280

Your Security Score is LOW

The SolidityScan score is calculated based on lines of code and weights assigned to each issue depending on the severity and confidence. To improve your score, view the detailed result and leverage the remediation solutions provided.

This audit report has not been verified by the SolidityScan team. To learn more about our published reports. click here



Critical	3	High	0
Medium	3	Low	30
Informational	18	Gas	44

View Audit Report PDF ⟶

THREAT ANALYSIS

Threat Score

MEDIUM RISK

65.5/100

High Risk	00	Moderate Risk	02
Low Risk	03	No Impact	14
Beneficial	04	Unavailable	09

Your smart contract has been assessed and assigned a **Medium Risk** threat score. The score indicates the likelihood of risk associated with the contract code.

Honeypot

Chain not **Supported**

Simulation didn't proceed because this chain is not supported.

Buy Tax	Sell Tax	Transfer Tax
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Threat Summary Market Summary

IS SOURCE CODE VERIFIED

Unavailable

IS SOURCE CODE VERIFIED is not supported for this contract.

PRESENCE OF MINTING FUNCTION

⚠ Moderate Risk

The contract can mint new tokens. The `_mint` functions was detected in the contracts.

Mint functions are used to create new tokens and transfer them to the user's/owner's wallet to whom the tokens are minted. This increases the overall circulation of the tokens.

PRESENCE OF BURN FUNCTION

⚠ Moderate Risk

The tokens can be burned in this contract.

Burn functions are used to increase the total value of the tokens by decreasing the total supply.

✗ SOLIDITY PRAGMA VERSION

Low Risk

The contract can be compiled with an older Solidity version.
Pragma versions decide the compiler version with which the contract can be compiled. Having older pragma versions means that the code may be compiled with outdated and vulnerable compiler versions, potentially introducing vulnerabilities and CVEs.

✓ PROXY-BASED UPGRADABLE CONTRACT

Beneficial

This is not an upgradable contract.
Having upgradeable contracts or proxy patterns allows owners to make changes to the contract's functions, token circulation, and distribution.

✓ OWNERS CANNOT BLACKLIST TOKENS OR USERS

Beneficial

Owners cannot blacklist tokens or users.
If the owner of a contract has permission to blacklist users or tokens, all the transactions related to those entities will be halted immediately.

✓ IS ERC-20 TOKEN

No Impact

The contract was found to be using ERC-20 token standard.
ERC-20 is the technical standard for fungible tokens that defines a set of properties that makes all the tokens similar in type and value.

✓ PAUSABLE CONTRACTS

No Impact

This is not a Pausable contract.
If a contract is pausable, it allows privileged users or owners to halt the execution of certain critical functions of the contract in case malicious transactions are found.

✗ CRITICAL ADMINISTRATIVE FUNCTIONS

Low Risk

Critical functions that add, update, or delete owner/admin addresses are detected.
These functions control the ownership of the contract and allow privileged users to add, update, or delete owner or administrative addresses. Owners are usually allowed to control all the critical aspects of the contract.

✓ CONTRACT/TOKEN SELF DESTRUCT

No Impact

The contract cannot be self-destructed by owners.
`selfdestruct()` is a special function in Solidity that destroys the contract and transfers all the remaining funds to the address specified during the call. This is usually access-control protected.

✓ ERC20 RACE CONDITION

No Impact

The contract is not vulnerable to ERC-20 approve Race condition vulnerability.
ERC-20 approve function is vulnerable to a frontrunning attack which can be exploited by the token receiver to withdraw more tokens than the allowance. Proper mitigation steps should be implemented to prevent such vulnerabilities.

? RENOUNCED OWNERSHIP

Unavailable

RENOUNCED OWNERSHIP is not supported for this contract.

? USERS WITH TOKEN BALANCE MORE THAN 5%

Unavailable

USERS WITH TOKEN BALANCE MORE THAN 5% is not supported for this contract.

OVERPOWERED OWNERS

No Impact

The contracts have not defined any owner-controlled functions..
Giving too many privileges to the owners via critical functions might put the user's funds at risk if the owners are compromised or if a rug-pulling attack happens.

NO COOLDOWN CODE TO HALT TRADING OR WORKFLOWS FOUND

Beneficial

The contract does not have a cooldown feature.
Cooldown functions are used to halt trading or other contract workflows for a certain amount of time so as to prevent users from repeatedly executing transactions or buying and selling tokens.

OWNERS WHITELISTING TOKENS/USERS

Low Risk

Owners can whitelist tokens or users.
If the owner of a contract has permission to whitelist users or tokens, it’ll be unfair toward other users or the transaction flow may not be executed impartially.

OWNERS CAN SET/UPDATE FEES

No Impact

Owners can not set or update Fees in the contract.

HARDCODED ADDRESSES

No Impact

The contract was not hardcoding addresses in the code.

OWNERS UPDATING TOKEN BALANCE

No Impact

The contract does not have any owner-controlled functions modifying token balances for users or the contract.

OWNER WALLET TOKEN SUPPLY

Unavailable

OWNER WALLET TOKEN SUPPLY is not supported for this contract.

FUNCTION RETRIEVING OWNERSHIP

No Impact

No such functions were found
If this function exists, it is possible for the project owner to regain ownership even after relinquishing it.

IS SPAM CONTRACT

Unavailable

IS SPAM CONTRACT is not supported for this contract.

MALICIOUS TYPECASTING OF ADDRESS

No Impact

Absence of Malicious Typecasting.
The contract is free from any malicious typecasting of addresses from uint160, ensuring that it maintains the integrity of address handling. This absence of risky typecasting methods enhances the contract's security, protecting it from potential exploitation and preserving user trust.

LIQUIDITY BURN STATUS

Unavailable

LIQUIDITY BURN STATUS is not supported for this contract.

LIQUIDITY LOCK STATUS

Unavailable

LIQUIDITY LOCK STATUS is not supported for this contract.

TOKEN SUPPLY NOT FIXED

No Impact

The token supply in this contract is fixed, meaning no additional tokens can be minted after deployment. This ensures that the total supply remains constant, providing greater transparency and predictability for investors and users. A fixed supply reduces the risk of inflation and ensures that the token's market value is not affected by unanticipated changes in supply.

GAS ABUSE VIA MALICIOUS MINTING

No Impact

No such functions were found
The approve() function in the detected contract includes a .mint() function call, which is likely designed to manipulate gas usage. This pattern suggests that the contract is engaging in malicious gas abuse, causing users to unknowingly mint gas tokens and bear the financial burden.

CODE INJECTION VIA TOKEN NAME

Unavailable

CODE INJECTION VIA TOKEN NAME is not supported for this contract.

NO HIDDEN OWNER

Beneficial

The contract does not contain any hidden owner roles, indicating a clear ownership structure.

OTHER ADDRESSES WITH SPECIAL ACCESS

No Impact

No other addresses with special permissions were detected in this contract. All privileged functions are restricted to the contract owner, minimizing the risk of unauthorized access or actions. This ensures tighter control over critical functions and helps maintain the security and integrity of the contract.

COUNTERFEIT TOKEN

Unavailable

COUNTERFEIT TOKEN is not supported for this contract.

EXTERNAL CALL RISK IN CRITICAL FUNCTIONS

No Impact

Absence external call risk in critical functions.
The critical functions in this contract do not include any external calls, minimizing the risk of unexpected state changes, and external dependencies, thereby enhancing the security and reliability of these functions.

TOKEN SCARCITY

Why SolidityScan ?

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