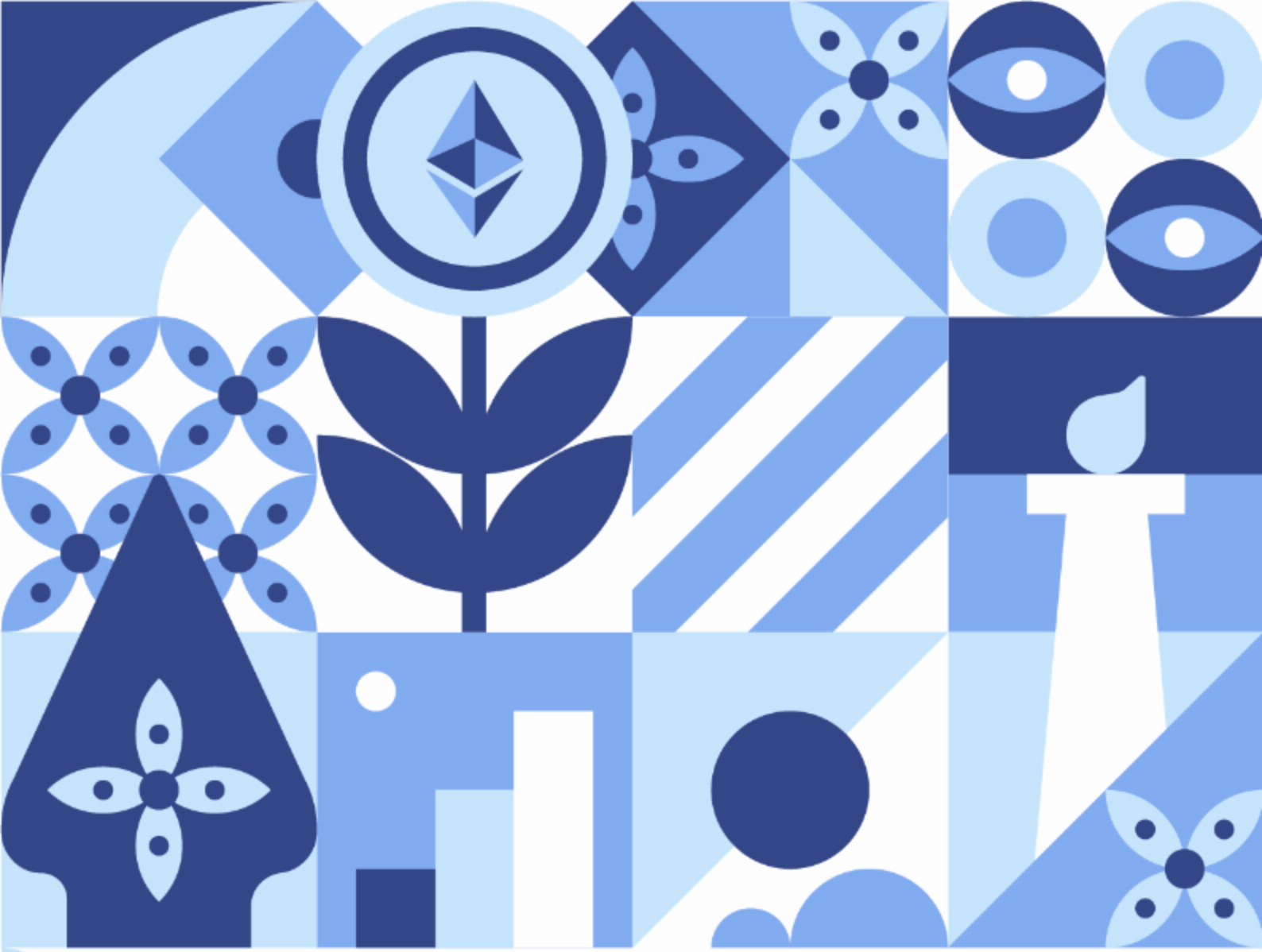

Welcome Back Trump

Smart Contract Audit Report

SYSFIXED

27 Nov 2022

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AUDITED DETAILS

Audited Project

Project name	Token ticker	Blockchain
Welcome Back Trump	TRUMP	Ethereum

Addresses

Contract address	0xef3361c0889b1001c28557e84d886133f1616f18
Contract deployer address	0x49391D7C63EEa73e317C7Be3CA64453B37296089

Project Website

https://www.welcomebacktrump.net/

Codebase

https://etherscan.io/address/0xef3361c0889b1001c28557e84d886133f1616f18#code

SUMMARY

This project is a Trump meme coin. We want to welcome Trump when he will be back on Twitter for his campaign. We are the only Trump token alive, and we stayed even if Trump announced he didn't want to come back on Twitter after the Elon Musk poll. The based team, the dev is with us, true believers of our potential, here to stay.

Contract Summary

Documentation Quality

Welcome Back Trump provides a very good documentation with standard of solidity base code.

- The technical description is provided clearly and structured and also dont have any high risk issue.

Code Quality

The Overall quality of the basecode is standard.

- Standard solidity basecode and rules are already followed by Welcome Back Trump with the discovery of several low issues.

Test Coverage

Test coverage of the project is 100% (Through Codebase)

Audit Findings Summary

- SWC-101 | It is recommended to use vetted safe math libraries for arithmetic operations consistently on lines 88, 103, 111, 112, 126, 180, 180, 181, 181, 206, 206, 207, 207, 208, 208, 357, 436 and 588.
- SWC-103 | Pragma statements can be allowed to float when a contract is intended on lines 17.
- SWC-110 SWC-123 | It is recommended to use of revert(), assert(), and require() in Solidity, and the new REVERT opcode in the EVM on lines 403, 404, 437 and 589.

CONCLUSION

We have audited the Welcome Back Trump project released on November 2022 to discover issues and identify potential security vulnerabilities in Welcome Back TrumpProject. This process is used to find technical issues and security loopholes which might be found in the smart contract.

The security audit report provides a satisfactory result with some low-risk issues.

The issues found in the Welcome Back Trump smart contract code do not pose a considerable risk. The writing of the contract is close to the standard of writing contracts in general. The low-risk issues found are some arithmetic operation issues, a floating pragma is set, and out of bounds array access which the index access expression can cause an exception in case of the use of an invalid array index value.

AUDIT RESULT

Article	Category	Description	Result
Default Visibility	SWC-100 SWC-108	Functions and state variables visibility should be set explicitly. Visibility levels should be specified consciously.	PASS
Integer Overflow and Underflow	SWC-101	If unchecked math is used, all math operations should be safe from overflows and underflows.	ISSUE FOUND
Outdated Compiler Version	SWC-102	It is recommended to use a recent version of the Solidity compiler.	PASS
Floating Pragma	SWC-103	Contracts should be deployed with the same compiler version and flags that they have been tested thoroughly.	ISSUE FOUND
Unchecked Call Return Value	SWC-104	The return value of a message call should be checked.	PASS
Unprotected Ether Withdrawal	SWC-105	Due to missing or insufficient access controls, malicious parties can withdraw from the contract.	PASS
SELFDESTRUCT Instruction	SWC-106	The contract should not be self-destructible while it has funds belonging to users.	PASS
Reentrancy	SWC-107	Check effect interaction pattern should be followed if the code performs recursive call.	PASS
Uninitialized Storage Pointer	SWC-109	Uninitialized local storage variables can point to unexpected storage locations in the contract.	PASS
Assert Violation	SWC-110 SWC-123	Properly functioning code should never reach a failing assert statement.	ISSUE FOUND
Deprecated Solidity Functions	SWC-111	Deprecated built-in functions should never be used.	PASS
Delegate call to Untrusted Callee	SWC-112	Delegatecalls should only be allowed to trusted addresses.	PASS

DoS (Denial of Service)	SWC-113 SWC-128	Execution of the code should never be blocked by a specific contract state unless required.	PASS
Race Conditions	SWC-114	Race Conditions and Transactions Order Dependency should not be possible.	PASS
Authorization through tx.origin	SWC-115	tx.origin should not be used for authorization.	PASS
Block values as a proxy for time	SWC-116	Block numbers should not be used for time calculations.	PASS
Signature Unique ID	SWC-117 SWC-121 SWC-122	Signed messages should always have a unique id. A transaction hash should not be used as a unique id.	PASS
Incorrect Constructor Name	SWC-118	Constructors are special functions that are called only once during the contract creation.	PASS
Shadowing State Variable	SWC-119	State variables should not be shadowed.	PASS
Weak Sources of Randomness	SWC-120	Random values should never be generated from Chain Attributes or be predictable.	PASS
Write to Arbitrary Storage Location	SWC-124	The contract is responsible for ensuring that only authorized user or contract accounts may write to sensitive storage locations.	PASS
Incorrect Inheritance Order	SWC-125	When inheriting multiple contracts, especially if they have identical functions, a developer should carefully specify inheritance in the correct order. The rule of thumb is to inherit contracts from more /general/ to more /specific/.	PASS
Insufficient Gas Griefing	SWC-126	Insufficient gas griefing attacks can be performed on contracts which accept data and use it in a sub-call on another contract.	PASS
Arbitrary Jump Function	SWC-127	As Solidity doesnt support pointer arithmetics, it is impossible to change such variable to an arbitrary value.	PASS

Typographical Error	SWC-129	A typographical error can occur for example when the intent of a defined operation is to sum a number to a variable.	PASS
Override control character	SWC-130	Malicious actors can use the Right-To-Left-Override unicode character to force RTL text rendering and confuse users as to the real intent of a contract.	PASS
Unused variables	SWC-131 SWC-135	Unused variables are allowed in Solidity and they do not pose a direct security issue.	PASS
Unexpected Ether balance	SWC-132	Contracts can behave erroneously when they strictly assume a specific Ether balance.	PASS
Hash Collisions Variable	SWC-133	Using abi.encodePacked() with multiple variable length arguments can, in certain situations, lead to a hash collision.	PASS
Hardcoded gas amount	SWC-134	The transfer() and send() functions forward a fixed amount of 2300 gas.	PASS
Unencrypted Private Data	SWC-136	It is a common misconception that private type variables cannot be read.	PASS

SMART CONTRACT ANALYSIS

Started	Saturday Nov 26 2022 01:25:01 GMT+0000 (Coordinated Universal Time)
Finished	Sunday Nov 27 2022 05:40:07 GMT+0000 (Coordinated Universal Time)
Mode	Standard
Main Source File	V2.sol

Detected Issues

ID	Title	Severity	Status
SWC-101	ARITHMETIC OPERATION "+" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "/" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "**" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "-" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "%" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "**" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "**" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "*" DISCOVERED	low	acknowledged

SWC-101	ARITHMETIC OPERATION "**" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "+" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "++" DISCOVERED	low	acknowledged
SWC-101	ARITHMETIC OPERATION "++" DISCOVERED	low	acknowledged
SWC-103	A FLOATING PRAGMA IS SET.	low	acknowledged
SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged
SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged
SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged
SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged

SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 88

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
87   function add(uint256 a, uint256 b) internal pure returns (uint256) {
88   uint256 c = a + b;
89   require(c >= a, "SafeMath: addition overflow");
90   return c;
91   }
92
```

SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 103

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
102   require(b <= a, errorMessage);
103   uint256 c = a - b;
104   return c;
105   }
106
107
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 111

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
110   }
111   uint256 c = a * b;
112   require(c / a == b, "SafeMath: multiplication overflow");
113   return c;
114   }
115
```

SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 112

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
111   uint256 c = a * b;
112   require(c / a == b, "SafeMath: multiplication overflow");
113   return c;
114   }
115
116
```

SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 126

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
125   require(b > 0, errorMessage);
126   uint256 c = a / b;
127   return c;
128   }
129   }
130
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 180

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
179   uint256 private constant MAX = ~uint256(0);
180   uint256 private constant _tTotal = 1000000000 * 10**9;
181   uint256 private _rTotal = (MAX - (MAX % _tTotal));
182   uint256 private _tFeeTotal;
183   uint256 private _redisFeeOnBuy = 0;
184
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 180

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
179   uint256 private constant MAX = ~uint256(0);
180   uint256 private constant _tTotal = 1000000000 * 10**9;
181   uint256 private _rTotal = (MAX - (MAX % _tTotal));
182   uint256 private _tFeeTotal;
183   uint256 private _redisFeeOnBuy = 0;
184
```

SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 181

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
180   uint256 private constant _tTotal = 1000000000 * 10**9;
181   uint256 private _rTotal = (MAX - (MAX % _tTotal));
182   uint256 private _tFeeTotal;
183   uint256 private _redisFeeOnBuy = 0;
184   uint256 private _taxFeeOnBuy = 4;
185
```

SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 181

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
180   uint256 private constant _tTotal = 1000000000 * 10**9;
181   uint256 private _rTotal = (MAX - (MAX % _tTotal));
182   uint256 private _tFeeTotal;
183   uint256 private _redisFeeOnBuy = 0;
184   uint256 private _taxFeeOnBuy = 4;
185
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 206

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
205
206   uint256 public _maxTxAmount = 20000000 * 10**9;
207   uint256 public _maxWalletSize = 20000000 * 10**9;
208   uint256 public _swapTokensAtAmount = 10000 * 10**9;
209
210
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 206

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
205
206   uint256 public _maxTxAmount = 20000000 * 10**9;
207   uint256 public _maxWalletSize = 20000000 * 10**9;
208   uint256 public _swapTokensAtAmount = 10000 * 10**9;
209
210
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 207

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
206   uint256 public _maxTxAmount = 20000000 * 10**9;
207   uint256 public _maxWalletSize = 20000000 * 10**9;
208   uint256 public _swapTokensAtAmount = 10000 * 10**9;
209
210   event MaxTxAmountUpdated(uint256 _maxTxAmount);
211
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 207

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
206   uint256 public _maxTxAmount = 20000000 * 10**9;
207   uint256 public _maxWalletSize = 20000000 * 10**9;
208   uint256 public _swapTokensAtAmount = 10000 * 10**9;
209
210   event MaxTxAmountUpdated(uint256 _maxTxAmount);
211
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 208

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
207   uint256 public _maxWalletSize = 20000000 * 10**9;
208   uint256 public _swapTokensAtAmount = 10000 * 10**9;
209
210   event MaxTxAmountUpdated(uint256 _maxTxAmount);
211   modifier lockTheSwap {
212
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 208

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
207   uint256 public _maxWalletSize = 20000000 * 10**9;
208   uint256 public _swapTokensAtAmount = 10000 * 10**9;
209
210   event MaxTxAmountUpdated(uint256 _maxTxAmount);
211   modifier lockTheSwap {
212
```

SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 357

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
356   if(to != uniswapV2Pair) {
357   require(balanceOf(to) + amount < _maxWalletSize, "TOKEN: Balance exceeds wallet
size!");
358   }
359
360   uint256 contractTokenBalance = balanceOf(address(this));
361
```

SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 436

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
435   function blockBots(address[] memory bots_) public onlyOwner {
436   for (uint256 i = 0; i < bots_.length; i++) {
437   bots[bots_[i]] = true;
438   }
439   }
440
```

SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 588

low SEVERITY

This plugin produces issues to support false positive discovery within mythril.

Source File

- V2.sol

Locations

```
587   function excludeMultipleAccountsFromFees(address[] calldata accounts, bool
excluded) public onlyOwner {
588   for(uint256 i = 0; i < accounts.length; i++) {
589   _isExcludedFromFee[accounts[i]] = excluded;
590   }
591   }
592
```

SWC-103 | A FLOATING PRAGMA IS SET.

LINE 17

low SEVERITY

The current pragma Solidity directive is ""^0.8.9"". It is recommended to specify a fixed compiler version to ensure that the bytecode produced does not vary between builds. This is especially important if you rely on bytecode-level verification of the code.

Source File

- V2.sol

Locations

```
16   // SPDX-License-Identifier: Unlicensed
17   pragma solidity ^0.8.9;
18
19   abstract contract Context {
20   function _msgSender() internal view virtual returns (address) {
21
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 403

low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

Source File

- V2.sol

Locations

```
402   address[] memory path = new address[](2);
403   path[0] = address(this);
404   path[1] = uniswapV2Router.WETH();
405   _approve(address(this), address(uniswapV2Router), tokenAmount);
406   uniswapV2Router.swapExactTokensForETHSupportingFeeOnTransferTokens(
407
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 404

low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

Source File

- V2.sol

Locations

```
403   path[0] = address(this);
404   path[1] = uniswapV2Router.WETH();
405   _approve(address(this), address(uniswapV2Router), tokenAmount);
406   uniswapV2Router.swapExactTokensForETHSupportingFeeOnTransferTokens(
407   tokenAmount,
408
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 437

low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

Source File

- V2.sol

Locations

```
436   for (uint256 i = 0; i < bots_.length; i++) {
437   bots[bots_[i]] = true;
438   }
439   }
440
441
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 589

low SEVERITY

The index access expression can cause an exception in case of use of invalid array index value.

Source File

- V2.sol

Locations

```
588   for(uint256 i = 0; i < accounts.length; i++) {
589   _isExcludedFromFee[accounts[i]] = excluded;
590   }
591   }
592
593
```

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