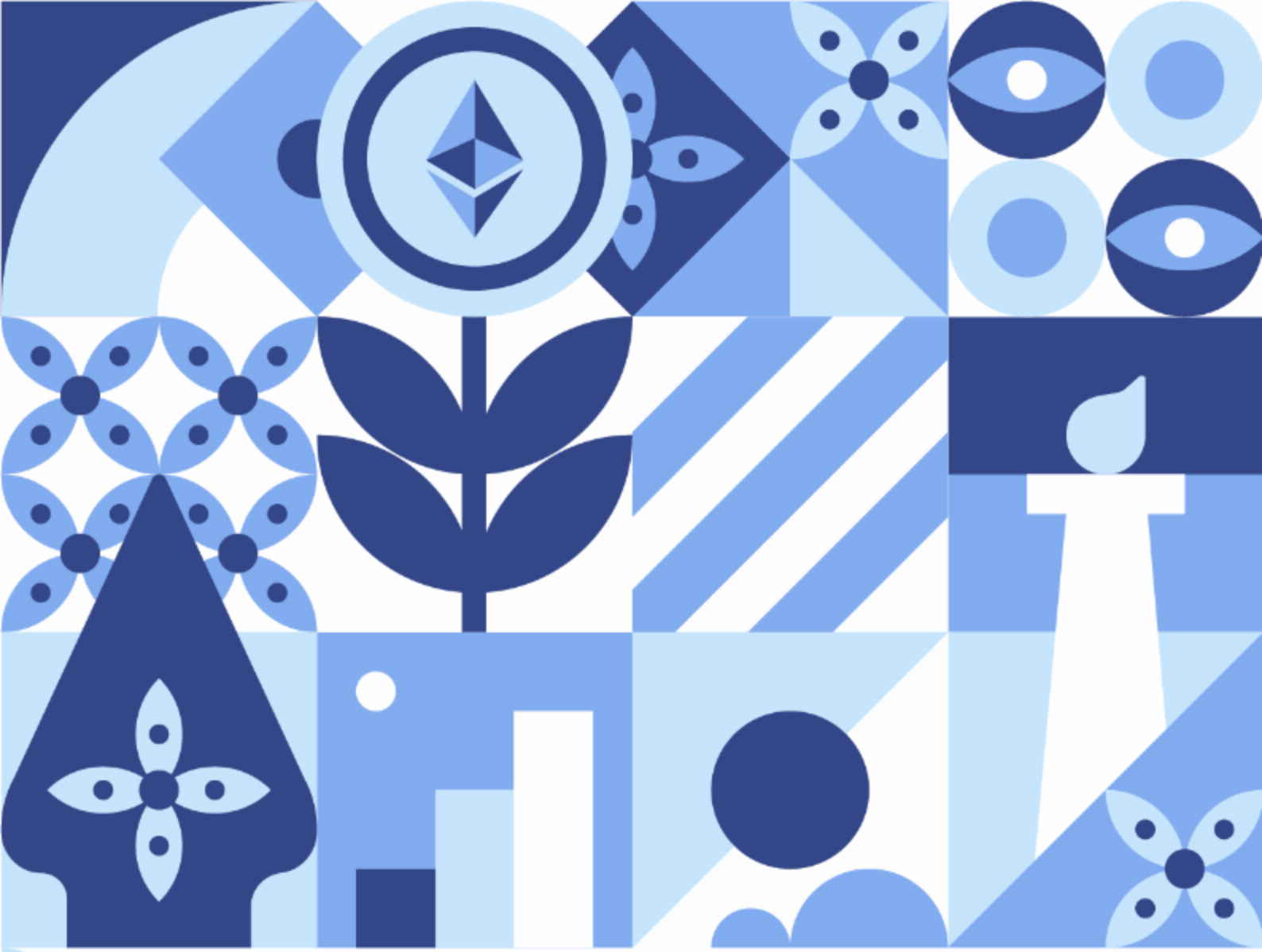

ShibaCrypt

Smart Contract Audit Report

SYSFIXED

07 Jul 2022

TABLE OF CONTENTS

AUDITED DETAILS

Audited Project

Project name	Token ticker	Blockchain
ShibaCrypt	SCX	Ethereum

Addresses

Contract address	0xD15bC1F6408d11c2513444B9d0253efd838AF781
Contract deployer address	0xD15bC1F6408d11c2513444B9d0253efd838AF781

Project Website

https://scxdao.com/

Codebase

https://etherscan.io/address/0xD15bC1F6408d11c2513444B9d0253efd838AF781#code

SUMMARY

ShibaCrypt is a token on the ERC20 blockchain inspired by the decentralized community-led vision of the original Shiba project, and launched by a former member of the Shiba development team. The project relies on community governance via DAO and provides web applications for various blockchain utilities.

Contract Summary

Documentation Quality

ShibaCrypt 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 ShibaCrypt with the discovery of several low issues.

Test Coverage

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

Audit Findings Summary

- SWC-100 SWC-108 | Explicitly define visibility for all state variables on lines 701 and 726.
- SWC-101 | It is recommended to use vetted safe math libraries for arithmetic operations consistently on lines 110, 142, 165, 166, 201, 237, 465, 706, 706, 707, 707, 729, 729, 730, 730, 731, 731, 862, 864, 912, 917, 917, 922, 922, 950, 1008, 1027, 1033, 1109, 1139 and 864.
- SWC-103 | Pragma statements can be allowed to float when a contract is intended on lines 11.
- 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 863, 864, 864, 949, 1009, 1009, 1010, 1011, 1149 and 1150.

CONCLUSION

We have audited the ShibaCrypt project released on July 2022 to discover issues and identify potential security vulnerabilities in ShibaCrypt Project. 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 ShibaCrypt 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, a state variable visibility is not 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. 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.

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.	ISSUE FOUND
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	Wednesday Jul 06 2022 20:25:22 GMT+0000 (Coordinated Universal Time)
Finished	Thursday Jul 07 2022 02:58:22 GMT+0000 (Coordinated Universal Time)
Mode	Standard
Main Source File	ShibaCrypt.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-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	COMPILER-REWRITABLE "<UINT> - 1" DISCOVERED	low	acknowledged
SWC-103	A FLOATING PRAGMA IS SET.	low	acknowledged
SWC-108	STATE VARIABLE VISIBILITY IS NOT SET.	low	acknowledged
SWC-108	STATE VARIABLE VISIBILITY IS NOT SET.	low	acknowledged
SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged
SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged
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SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged

SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 110

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
109   function add(uint256 a, uint256 b) internal pure returns (uint256) {
110   uint256 c = a + b;
111   require(c >= a, "SafeMath: addition overflow");
112
113   return c;
114
```

SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 142

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
141   require(b <= a, errorMessage);
142   uint256 c = a - b;
143
144   return c;
145   }
146
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 165

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
164
165   uint256 c = a * b;
166   require(c / a == b, "SafeMath: multiplication overflow");
167
168   return c;
169
```

SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 166

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
165   uint256 c = a * b;
166   require(c / a == b, "SafeMath: multiplication overflow");
167
168   return c;
169   }
170
```

SWC-101 | ARITHMETIC OPERATION "/" DISCOVERED

LINE 201

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
200   require(b > 0, errorMessage);
201   uint256 c = a / b;
202   // assert(a == b * c + a % b); // There is no case in which this doesn't hold
203
204   return c;
205
```

SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 237

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
236   require(b != 0, errorMessage);
237   return a % b;
238   }
239   }
240
241
```

SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 465

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
464   _owner = address(0);
465   _lockTime = block.timestamp + time;
466   emit OwnershipTransferred(_owner, address(0));
467   }
468
469
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 706

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
705   uint256 private constant MAX = ~uint256(0);
706   uint256 private _tTotal = 100000000000 * 10**9;
707   uint256 private _rTotal = (MAX - (MAX % _tTotal));
708   uint256 private _tFeeTotal;
709   address public marketingWallet;
710
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 706

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
705   uint256 private constant MAX = ~uint256(0);
706   uint256 private _tTotal = 100000000000 * 10**9;
707   uint256 private _rTotal = (MAX - (MAX % _tTotal));
708   uint256 private _tFeeTotal;
709   address public marketingWallet;
710
```

SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 707

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
706   uint256 private _tTotal = 100000000000 * 10**9;
707   uint256 private _rTotal = (MAX - (MAX % _tTotal));
708   uint256 private _tFeeTotal;
709   address public marketingWallet;
710
711
```

SWC-101 | ARITHMETIC OPERATION "%" DISCOVERED

LINE 707

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
706   uint256 private _tTotal = 100000000000 * 10**9;
707   uint256 private _rTotal = (MAX - (MAX % _tTotal));
708   uint256 private _tFeeTotal;
709   address public marketingWallet;
710
711
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 729

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
728
729   uint256 public _maxTxAmount = 500000000 * 10**9;
730   uint256 public numTokensSellToAddToLiquidity = 30000000 * 10**9;
731   uint256 public _maxWalletSize = 1000000000 * 10**9;
732
733
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 729

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
728
729   uint256 public _maxTxAmount = 500000000 * 10**9;
730   uint256 public numTokensSellToAddToLiquidity = 30000000 * 10**9;
731   uint256 public _maxWalletSize = 1000000000 * 10**9;
732
733
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 730

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
729   uint256 public _maxTxAmount = 500000000 * 10**9;
730   uint256 public numTokensSellToAddToLiquidity = 30000000 * 10**9;
731   uint256 public _maxWalletSize = 1000000000 * 10**9;
732
733   event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
734
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 730

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
729   uint256 public _maxTxAmount = 500000000 * 10**9;
730   uint256 public numTokensSellToAddToLiquidity = 30000000 * 10**9;
731   uint256 public _maxWalletSize = 1000000000 * 10**9;
732
733   event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
734
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 731

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
730   uint256 public numTokensSellToAddToLiquidity = 30000000 * 10**9;
731   uint256 public _maxWalletSize = 1000000000 * 10**9;
732
733   event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
734   event SwapAndLiquifyEnabledUpdated(bool enabled);
735
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 731

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
730   uint256 public numTokensSellToAddToLiquidity = 30000000 * 10**9;
731   uint256 public _maxWalletSize = 1000000000 * 10**9;
732
733   event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
734   event SwapAndLiquifyEnabledUpdated(bool enabled);
735
```

SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 862

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
861   require(_isExcluded[account], "Account is already excluded");
862   for (uint256 i = 0; i < _excluded.length; i++) {
863   if (_excluded[i] == account) {
864   _excluded[i] = _excluded[_excluded.length - 1];
865   _tOwned[account] = 0;
866
```

SWC-101 | ARITHMETIC OPERATION "-" DISCOVERED

LINE 864

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
863   if (_excluded[i] == account) {
864   _excluded[i] = _excluded[_excluded.length - 1];
865   _tOwned[account] = 0;
866   _isExcluded[account] = false;
867   _excluded.pop();
868
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 912

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
911   {
912   _maxWalletSize = _tTotal.mul(maxWalletSize).div(10**3);
913   }
914
915   function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner() {
916
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 917

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
916   require(maxTxAmount > 10000000, "Max Tx Amount cannot be less than 10 Million");
917   _maxTxAmount = maxTxAmount * 10**9;
918   }
919
920   function setSwapThresholdAmount(uint256 SwapThresholdAmount) external onlyOwner() {
921
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 917

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
916   require(maxTxAmount > 10000000, "Max Tx Amount cannot be less than 10 Million");
917   _maxTxAmount = maxTxAmount * 10**9;
918   }
919
920   function setSwapThresholdAmount(uint256 SwapThresholdAmount) external onlyOwner() {
921
```

SWC-101 | ARITHMETIC OPERATION "*" DISCOVERED

LINE 922

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
921   require(SwapThresholdAmount > 10000000, "Swap Threshold Amount cannot be less than
10 Million");
922   numTokensSellToAddToLiquidity = SwapThresholdAmount * 10**9;
923   }
924
925   function claimTokens () public onlyOwner {
926
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 922

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
921   require(SwapThresholdAmount > 10000000, "Swap Threshold Amount cannot be less than
10 Million");
922   numTokensSellToAddToLiquidity = SwapThresholdAmount * 10**9;
923   }
924
925   function claimTokens () public onlyOwner {
926
```

SWC-101 | ARITHMETIC OPERATION "+=" DISCOVERED

LINE 950

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
949   addBotWalletsInternal(multiplebotWallets[iterator]);
950   iterator += 1;
951   }
952   }
953
954
```

SWC-101 | ARITHMETIC OPERATION "++" DISCOVERED

LINE 1008

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1007   uint256 tSupply = _tTotal;
1008   for (uint256 i = 0; i < _excluded.length; i++) {
1009   if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
1010   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
1011   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
1012
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 1027

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1026   return _amount.mul(_taxFee).div(
1027   10**2
1028   );
1029   }
1030
1031
```

SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 1033

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1032   return _amount.mul(_liquidityFee).div(
1033   10**2
1034   );
1035   }
1036
1037
```

SWC-101 | ARITHMETIC OPERATION "+" DISCOVERED

LINE 1109

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1108   require(
1109   amount + balanceOf(to) <= _maxWalletSize,
1110   "Recipient exceeds max wallet size."
1111   );
1112   }
1113
```

SWC-101 | ARITHMETIC OPERATION "-=" DISCOVERED

LINE 1139

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1138   payable(marketingWallet).transfer(marketingshare);
1139   newBalance -= marketingshare;
1140   // add liquidity to uniswap
1141   addLiquidity(otherHalf, newBalance);
1142
1143
```

SWC-101 | COMPILER-REWRITABLE "<UINT> - 1" DISCOVERED

LINE 864

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
863   if (_excluded[i] == account) {
864   _excluded[i] = _excluded[_excluded.length - 1];
865   _tOwned[account] = 0;
866   _isExcluded[account] = false;
867   _excluded.pop();
868
```

SWC-103 | A FLOATING PRAGMA IS SET.

LINE 11

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

- ShibaCrypt.sol

Locations

```
10
11   pragma solidity ^0.8.9;
12   // SPDX-License-Identifier: Unlicensed
13   interface IERC20 {
14
15
```

SWC-108 | STATE VARIABLE VISIBILITY IS NOT SET.

LINE 701

low SEVERITY

It is best practice to set the visibility of state variables explicitly. The default visibility for "botscantrade" is internal. Other possible visibility settings are public and private.

Source File

- ShibaCrypt.sol

Locations

```
700   mapping (address => bool) private botWallets;
701   bool botscantrade = false;
702
703   bool public canTrade = false;
704
705
```

SWC-108 | STATE VARIABLE VISIBILITY IS NOT SET.

LINE 726

low SEVERITY

It is best practice to set the visibility of state variables explicitly. The default visibility for "inSwapAndLiquify" is internal. Other possible visibility settings are public and private.

Source File

- ShibaCrypt.sol

Locations

```
725
726   bool inSwapAndLiquify;
727   bool public swapAndLiquifyEnabled = true;
728
729   uint256 public _maxTxAmount = 500000000 * 10**9;
730
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 863

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
862   for (uint256 i = 0; i < _excluded.length; i++) {
863   if (_excluded[i] == account) {
864   _excluded[i] = _excluded[_excluded.length - 1];
865   _tOwned[account] = 0;
866   _isExcluded[account] = false;
867
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 864

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
863   if (_excluded[i] == account) {
864   _excluded[i] = _excluded[_excluded.length - 1];
865   _tOwned[account] = 0;
866   _isExcluded[account] = false;
867   _excluded.pop();
868
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 864

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
863   if (_excluded[i] == account) {
864   _excluded[i] = _excluded[_excluded.length - 1];
865   _tOwned[account] = 0;
866   _isExcluded[account] = false;
867   _excluded.pop();
868
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 949

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
948   while(iterator < multiplebotWallets.length){
949   addBotWalletsInternal(multiplebotWallets[iterator]);
950   iterator += 1;
951   }
952   }
953
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 1009

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1008   for (uint256 i = 0; i < _excluded.length; i++) {
1009   if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
1010   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
1011   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
1012   }
1013
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 1009

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1008   for (uint256 i = 0; i < _excluded.length; i++) {
1009   if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
1010   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
1011   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
1012   }
1013
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 1010

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1009   if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
1010   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
1011   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
1012   }
1013   if (rSupply < _rTotal.div(_tTotal)) return (_rTotal, _tTotal);
1014
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 1011

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1010   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
1011   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
1012   }
1013   if (rSupply < _rTotal.div(_tTotal)) return (_rTotal, _tTotal);
1014   return (rSupply, tSupply);
1015
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 1149

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1148   address[] memory path = new address[](2);
1149   path[0] = address(this);
1150   path[1] = uniswapV2Router.WETH();
1151
1152   _approve(address(this), address(uniswapV2Router), tokenAmount);
1153
```

SWC-110 | OUT OF BOUNDS ARRAY ACCESS

LINE 1150

low SEVERITY

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

Source File

- ShibaCrypt.sol

Locations

```
1149   path[0] = address(this);
1150   path[1] = uniswapV2Router.WETH();
1151
1152   _approve(address(this), address(uniswapV2Router), tokenAmount);
1153
1154
```

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