

Pig Token
Smart Contract
Audit Report





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AUDITED DETAILS

| Audited Project

Project name	Token ticker	Blockchain	
Pig Token	PIG	Binance Smart Chain	

Addresses

Contract address	0x8850d2c68c632e3b258e612abaa8fada7e6958e5
Contract deployer address	0x54901D18fc35Eb2AA8fA7017d6b8a651c4390191

Project Website

https://pigtoken.finance/

Codebase

https://bscscan.com/address/0x8850d2c68c632e3b258e612abaa8fada7e6958e5#code



SUMMARY

PIG yield farming token includes the following deflationary mechanisms: locking liquidity on all transactions constantly reduces the circulating supply, creating an ever-rising price floor. The blackhole, which initially swallowed 50% of the pool, is getting the 2% yield auto-compounded as well, meaning its exponential.

Contract Summary

Documentation Quality

Pig Token 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 Pig Token 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 747.
- SWC-101 | It is recommended to use vetted safe math libraries for arithmetic operations consistently on lines 135, 167, 190, 191, 226, 262, 489, 730, 730, 730, 730, 731, 751, 750, 750, 750, 750, 751, 751, 751, 882, 884, 921, 967, 986, 992 and 884.
- SWC-103 | Pragma statements can be allowed to float when a contract is intended on lines 36.
- 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 883, 884, 884, 968, 969, 970, 1095 and 1096.



CONCLUSION

We have audited the Pig Token project released on February 2021 to discover issues and identify potential security vulnerabilities in Pig Token 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 satisfactory results with low-risk issues.

The issues found in the Pig Token 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. The current pragma Solidity directive is ""^0.6.12"". 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. 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.



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 ISSUI failing assert statement. FOUN		
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.		



DoS (Denial of Service)	SWC-113 SWC-128	Execution of the code should never be blocked by a specific contract state unless required.	
Race Conditions	SWC-114	Race Conditions and Transactions Order Dependency should not be possible.	
Authorization through tx.origin	SWC-115	tx.origin should not be used for authorization.	
Block values as a proxy for time	SWC-116	Block numbers should not be used for time calculations.	
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.	
Incorrect Constructor Name	SWC-118	Constructors are special functions that are called only once during the contract creation.	
Shadowing State Variable	SWC-119	State variables should not be shadowed.	
Weak Sources of Randomness	SWC-120	Random values should never be generated from Chain Attributes or be predictable.	
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.	
Incorrect Inheritance Order	SWC-125		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.	
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.	
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.	
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.	
Hash Collisions Variable	SWC-133	Using abi.encodePacked() with multiple variable length arguments can, in certain situations, lead to a hash collision.	
Hardcoded gas amount	SWC-134	The transfer() and send() functions forward a fixed amount of 2300 gas.	
Unencrypted Private Data	SWC-136	It is a common misconception that private type variables cannot be read.	PASS



SMART CONTRACT ANALYSIS

Started	Friday Feb 26 2021 04:49:51 GMT+0000 (Coordinated Universal Time)		
Finished	Saturday Feb 27 2021 03:54:32 GMT+0000 (Coordinated Universal Time)		
Mode	Standard		
Main Source File	PigToken.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	COMPILER-REWRITABLE " <uint> - 1" DISCOVERED</uint>	low	acknowledged
SWC-103	A FLOATING PRAGMA IS 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
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SWC-110	OUT OF BOUNDS ARRAY ACCESS	low	acknowledged



LINE 135

low SEVERITY

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

Source File

- PigToken.sol

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



LINE 167

low SEVERITY

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

Source File

- PigToken.sol

```
166  require(b <= a, errorMessage);
167  uint256 c = a - b;
168
169  return c;
170  }
171</pre>
```



LINE 190

low SEVERITY

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

Source File

- PigToken.sol

```
189
190    uint256 c = a * b;
191    require(c / a == b, "SafeMath: multiplication overflow");
192
193    return c;
194
```



LINE 191

low SEVERITY

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

Source File

- PigToken.sol

```
190    uint256    c = a * b;
191    require(c / a == b, "SafeMath: multiplication overflow");
192
193    return c;
194    }
195
```



LINE 226

low SEVERITY

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

Source File

- PigToken.sol

```
225    require(b > 0, errorMessage);
226    uint256 c = a / b;
227    // assert(a == b * c + a % b); // There is no case in which this doesn't hold
228
229    return c;
230
```



LINE 262

low SEVERITY

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

Source File

- PigToken.sol

```
261 require(b != 0, errorMessage);
262 return a % b;
263 }
264 }
265
266
```



LINE 489

low SEVERITY

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

Source File

- PigToken.sol

```
488  _owner = address(0);
489  _lockTime = now + time;
490  emit OwnershipTransferred(_owner, address(0));
491  }
492
493
```



LINE 730

low SEVERITY

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

Source File

- PigToken.sol

```
729 uint256 private constant MAX = ~uint256(0);
730 uint256 private _tTotal = 10000000000 * 10**6 * 10**9;
731 uint256 private _rTotal = (MAX - (MAX % _tTotal));
732 uint256 private _tFeeTotal;
733
734
```



LINE 730

low SEVERITY

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

Source File

- PigToken.sol

```
729 uint256 private constant MAX = ~uint256(0);
730 uint256 private _tTotal = 10000000000 * 10**6 * 10**9;
731 uint256 private _rTotal = (MAX - (MAX % _tTotal));
732 uint256 private _tFeeTotal;
733
734
```



LINE 730

low SEVERITY

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

Source File

- PigToken.sol

```
729 uint256 private constant MAX = ~uint256(0);
730 uint256 private _tTotal = 10000000000 * 10**6 * 10**9;
731 uint256 private _rTotal = (MAX - (MAX % _tTotal));
732 uint256 private _tFeeTotal;
733
734
```



LINE 730

low SEVERITY

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

Source File

- PigToken.sol

```
729 uint256 private constant MAX = ~uint256(0);
730 uint256 private _tTotal = 10000000000 * 10**6 * 10**9;
731 uint256 private _rTotal = (MAX - (MAX % _tTotal));
732 uint256 private _tFeeTotal;
733
734
```



LINE 731

low SEVERITY

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

Source File

- PigToken.sol

```
730    uint256    private _tTotal = 1000000000 * 10**6 * 10**9;
731    uint256    private _rTotal = (MAX - (MAX % _tTotal));
732    uint256    private _tFeeTotal;
733
734    string private _name = "Pig Token";
735
```



LINE 731

low SEVERITY

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

Source File

- PigToken.sol

```
730    uint256    private _tTotal = 1000000000 * 10**6 * 10**9;

731    uint256    private _rTotal = (MAX - (MAX % _tTotal));

732    uint256    private _tFeeTotal;

733

734    string private _name = "Pig Token";

735
```



LINE 750

low SEVERITY

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

Source File

- PigToken.sol

```
749
750 uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
751 uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;
752
753 event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
754
```



LINE 750

low SEVERITY

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

Source File

- PigToken.sol

```
749
750 uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
751 uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;
752
753 event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
754
```



LINE 750

low SEVERITY

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

Source File

- PigToken.sol

```
749
750 uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
751 uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;
752
753 event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
754
```



LINE 750

low SEVERITY

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

Source File

- PigToken.sol

```
749
750 uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
751 uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;
752
753 event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
754
```



LINE 751

low SEVERITY

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

Source File

- PigToken.sol

```
750  uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
751  uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;
752
753  event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
754  event SwapAndLiquifyEnabledUpdated(bool enabled);
755
```



LINE 751

low SEVERITY

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

Source File

- PigToken.sol

```
750  uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
751  uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;
752
753  event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
754  event SwapAndLiquifyEnabledUpdated(bool enabled);
755
```



LINE 751

low SEVERITY

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

Source File

- PigToken.sol

```
uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;

event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);

event SwapAndLiquifyEnabledUpdated(bool enabled);

755
```



LINE 751

low SEVERITY

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

Source File

- PigToken.sol

```
uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
uint256 private numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;

event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);

event SwapAndLiquifyEnabledUpdated(bool enabled);

755
```



LINE 882

low SEVERITY

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

Source File

- PigToken.sol



LINE 884

low SEVERITY

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

Source File

- PigToken.sol

```
if (_excluded[i] == account) {
884    _excluded[i] = _excluded[_excluded.length - 1];
885    _tOwned[account] = 0;
886    _isExcluded[account] = false;
887    _excluded.pop();
888
```



LINE 921

low SEVERITY

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

Source File

- PigToken.sol

```
920 _maxTxAmount = _tTotal.mul(maxTxPercent).div(
921    10**2
922    );
923    }
924
925
```



LINE 967

low SEVERITY

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

Source File

- PigToken.sol

```
966  uint256 tSupply = _tTotal;
967  for (uint256 i = 0; i < _excluded.length; i++) {
968   if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
969   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
970   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
971
```



SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 986

low SEVERITY

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

Source File

- PigToken.sol

```
985 return _amount.mul(_taxFee).div(
986    10**2
987    );
988    }
989
990
```



SWC-101 | ARITHMETIC OPERATION "**" DISCOVERED

LINE 992

low SEVERITY

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

Source File

- PigToken.sol

```
991 return _amount.mul(_liquidityFee).div(
992    10**2
993    );
994    }
995
996
```



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

LINE 884

low SEVERITY

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

Source File

- PigToken.sol

```
if (_excluded[i] == account) {
884    _excluded[i] = _excluded[_excluded.length - 1];
885    _tOwned[account] = 0;
886    _isExcluded[account] = false;
887    _excluded.pop();
888
```



SWC-103 | A FLOATING PRAGMA IS SET.

LINE 36

low SEVERITY

The current pragma Solidity directive is ""^0.6.12"". 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

- PigToken.sol

```
35
36 pragma solidity ^0.6.12;
37 // SPDX-License-Identifier: Unlicensed
38 interface IERC20 {
39
40
```



SWC-108 | STATE VARIABLE VISIBILITY IS NOT SET.

LINE 747

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

- PigToken.sol

```
746
747 bool inSwapAndLiquify;
748 bool public swapAndLiquifyEnabled = true;
749
750 uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
751
```



LINE 883

low SEVERITY

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

Source File

- PigToken.sol

```
for (uint256 i = 0; i < _excluded.length; i++) {
    if (_excluded[i] == account) {
        excluded[i] = _excluded[_excluded.length - 1];
        excluded[account] = 0;
        isExcluded[account] = false;
        excluded[account] = false;
        exclud
```



LINE 884

low SEVERITY

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

Source File

- PigToken.sol

```
if (_excluded[i] == account) {
884    _excluded[i] = _excluded[_excluded.length - 1];
885    _tOwned[account] = 0;
886    _isExcluded[account] = false;
887    _excluded.pop();
888
```



LINE 884

low SEVERITY

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

Source File

- PigToken.sol

```
if (_excluded[i] == account) {
884    _excluded[i] = _excluded[_excluded.length - 1];
885    _tOwned[account] = 0;
886    _isExcluded[account] = false;
887    _excluded.pop();
888
```



LINE 968

low SEVERITY

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

Source File

- PigToken.sol

```
967 for (uint256 i = 0; i < _excluded.length; i++) {
968   if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
969   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
970   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
971   }
972
```



LINE 968

low SEVERITY

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

Source File

- PigToken.sol

```
967 for (uint256 i = 0; i < _excluded.length; i++) {
968   if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
969   rSupply = rSupply.sub(_rOwned[_excluded[i]]);
970   tSupply = tSupply.sub(_tOwned[_excluded[i]]);
971   }
972
```



LINE 969

low SEVERITY

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

Source File

- PigToken.sol

```
968 if (_rOwned[_excluded[i]] > rSupply || _tOwned[_excluded[i]] > tSupply) return
(_rTotal, _tTotal);
969    rSupply = rSupply.sub(_rOwned[_excluded[i]]);
970    tSupply = tSupply.sub(_tOwned[_excluded[i]]);
971    }
972    if (rSupply < _rTotal.div(_tTotal)) return (_rTotal, _tTotal);
973</pre>
```



LINE 970

low SEVERITY

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

Source File

- PigToken.sol

```
969  rSupply = rSupply.sub(_rOwned[_excluded[i]]);
970  tSupply = tSupply.sub(_tOwned[_excluded[i]]);
971  }
972  if (rSupply < _rTotal.div(_tTotal)) return (_rTotal, _tTotal);
973  return (rSupply, tSupply);
974</pre>
```



LINE 1095

low SEVERITY

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

Source File

- PigToken.sol

```
1094 address[] memory path = new address[](2);
1095 path[0] = address(this);
1096 path[1] = uniswapV2Router.WETH();
1097
1098 _approve(address(this), address(uniswapV2Router), tokenAmount);
1099
```



LINE 1096

low SEVERITY

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

Source File

- PigToken.sol

```
1095 path[0] = address(this);
1096 path[1] = uniswapV2Router.WETH();
1097
1098 _approve(address(this), address(uniswapV2Router), tokenAmount);
1099
1100
```



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Sysfixed is a blockchain security certification organization established in 2021 with the objective to provide smart contract security services and verify their correctness in blockchain-based protocols. Sysfixed automatically scans for security vulnerabilities in Ethereum and other EVM-based blockchain smart contracts. Sysfixed a comprehensive range of analysis techniques—including static analysis, dynamic analysis, and symbolic execution—can accurately detect security vulnerabilities to provide an in-depth analysis report. With a vibrant ecosystem of world-class integration partners that amplify developer productivity, Sysfixed can be utilized in all phases of your project's lifecycle. Our team of security experts is dedicated to the research and improvement of our tools and techniques used to fortify your code.