

f68a38dc6b2a9af2d9f99cac8028f4d3c69f00aa017555b7ecc5f33112085aa1

File: dogemoon.sol | Language:solidity | Size:35185 bytes | Date:2021-05-10T11:05:49.386Z

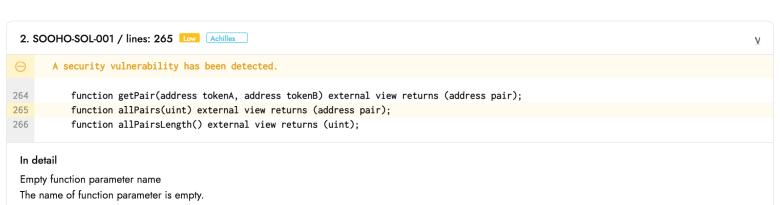


Issues

Severity	Issue	Analyzer	Code Lines
Medium	SWC-102	Achilles	7
Low	SOOHO-SOL-001	Achilles	265, 270, 271, 325, 325
Note	SWC-108	Achilles	525
Note	SWC-116	Achilles	885, 900
Note	SWC-131	Achilles	473, 473, 473, 478, 478, 478, 483, 483, 483, 483, 488, 488, 889

Code







Empty function parameter name The name of function parameter is empty. 4. SOOHO-SOL-001 / lines: 271 Low Achilles ٧ A security vulnerability has been detected. 270 function setFeeTo(address) external; 271 function setFeeToSetter(address) external; 272 } In detail Empty function parameter name The name of function parameter is empty. 5. SOOHO-SOL-001 / lines: 325 Low Achilles A security vulnerability has been detected. 324 325 function initialize(address, address) external; 326 } In detail Empty function parameter name The name of function parameter is empty. 6. SOOHO-SOL-001 / lines: 325 Low Achilles A security vulnerability has been detected. 324 function initialize(address, address) external; 325 326 } In detail Empty function parameter name The name of function parameter is empty. 7. SWC-108 / lines: 525 Note Achilles A security vulnerability has been detected. 524 525 bool inSwapAndLiquify; 526 bool public swapAndLiquifyEnabled = true; Labeling the visibility explicitly makes it easier to catch incorrect assumptions about who can access the variable. 8. SWC-116 / lines: 885 Note Achilles A security vulnerability has been detected. 884 address(this), 885 block.timestamp 886);

In detail

Contracts often need access to the current timestamp to trigger time-dependent events. As Ethereum is decentralized, nodes can synchronize time only to some degree. Moreover, malicious miners can alter the timestamp of their blocks, especially if they can gain advantages by doing so. However, miners can't set timestamp smaller than the previous one (otherwise the block will be rejected), nor can they set the timestamp too far ahead in the future. Taking all of the above into

consideration, developers can't rely on the preciseness of the provided timestamp.

```
9. SWC-116 / lines: 900 Note Achilles
        A security vulnerability has been detected.
899
                    owner(),
900
                    block.timestamp
901
               );
```

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```
10. SWC-131 / lines: 473 Note Achilles
       A security vulnerability has been detected.
472
      library TransferHelper {
473
           function safeApprove(address token, address to, uint value) internal {
474
               // bytes4(keccak256(bytes('approve(address,uint256)')));
```

In detail

Unused variables are allowed in Solidity and they do not pose a direct security issue. It is best practice though to avoid them as they can:

- cause an increase in computations (and unnecessary gas consumption)
- indicate bugs or malformed data structures and they are generally a sign of poor code quality
- cause code noise and decrease readability of the code

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13. SWC-131 / lines: 478 Note Achilles

function safeTransfer(address token, address to, uint value) internal {
// bytes4(keccak256(bytes('transfer(address,uint256)')));

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```
16. SWC-131 / lines: 483 Note Achilles

A security vulnerability has been detected.

482

483 function safeTransferFrom(address token, address from, address to, uint value) internal {
484  // bytes4(keccak256(bytes('transferFrom(address, address, uint256)')));
```

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17. SWC-131 / lines: 483 Note Achilles

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482

483 function safeTransferFrom(address token, address from, address to, uint value) internal {

// bytes4(keccak256(bytes('transferFrom(address, address, uint256)')));
```

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18. SWC-131 / lines: 483 Note Achilles

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483 function safeTransferFrom(address token, address from, address to, uint value) internal {

484 // bytes4(keccak256(bytes('transferFrom(address,address,uint256)')));
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19. SWC-131 / lines: 483 Note Achilles

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482

483 function safeTransferFrom(address token, address from, address to, uint value) internal {

484 // bytes4(keccak256(bytes('transferFrom(address,address,uint256)')));

In detail
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```
20. SWC-131 / lines: 488 Note Achilles

A security vulnerability has been detected.

487

488 function safeTransferETH(address to, uint value) internal {
489 require(success, 'TransferHelper: ETH_TRANSFER_FAILED');
```

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22. SWC-131 / lines: 889 Achilles

A security vulnerability has been detected.

function addLiquidity(uint256 tokenAmount, uint256 ethAmount) private {

// approve token transfer to cover all possible scenarios

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23. SWC-131 / lines: 507 Achilles

A security vulnerability has been detected.

506 507

uint256 private constant MAX = ~uint256(0);

508 uint256 private _tTotal = 1000000000 * 10**6 * 10**9;

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