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1
2 1. | Variables That Could Be Declared As private.
3 Description:
4 Because there is already a function that exists to call these variables.
5 Recommendation :
6 We recommend declaring these variables as private.
7 line number:
8 (34) uint8 private _decimals;
9 (35) string private _symbol;
10 (36) string private _name;
11
12 2. Improper Usage Of public And external Type
13 >Description
14 public functions that are never called by the contract could be declared as external.
15 external functions are more efficient than public functions.
16 >Recommendation
17 change public to external in lines number:
18 (181) // function increaseAllowance()
19 (207) // function decreaseAllowance()
20 (226) // function burn()
21 (241) // function burnFrom()
22 (329) // function mint()
23 This will minimize the gas cost while calling specific functions.
24
25 3 Missing Zero Address Validation
26 Description:
27 On the linked functions, there is no statement to check whether the address received
28 as a parameter is the zero address before using it. Addresses should be checked
29 before assignment to make sure it is not zero addresses.
30
31 Recommendation :
32 line number:
33 (329) // In mint function
34
35 We advise the team to consider adding a zero check. As below:
36 For example:
37 require(_addr!=address(0), '_addr can't be zero address');
38
39 Audited by Govind Umat
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