MythX

REPORT 60FEE51AFDA7880018695D63

Created	Mon Jul 26 2021 16:38:50 GMT+0000 (Coordinated Universal Time)
Number of analyses	1
User	60c9637f43f2c3c61312dd0c

REPORT SUMMARY

Analyses ID	Main source file	Detected vulnerabilities
0f3e5c88-68b0-4a83-8eaf-8ccaffcf272a	/contracts/randomnumberconsumer.sol	2

Started	Mon Jul 26 2021 16:38:54 GMT+0000 (Coordinated Universal Time)
Finished	Mon Jul 26 2021 16:39:27 GMT+0000 (Coordinated Universal Time)
Mode	Quick
Client Tool	Mythx-Vscode-Extension
Main Source File	/Contracts/Randomnumberconsumer.Sol

DETECTED VULNERABILITIES

(HIGH   (MEDIUM   (LOW

0   0   2

ISSUES

LOW
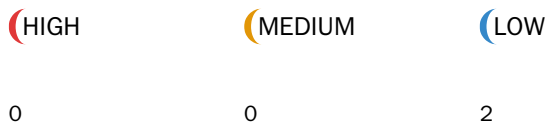
SWC-100

Function visibility is not set.

The function definition of "null" lacks a visibility specifier. Note that the compiler assumes "public" visibility by default. Function visibility should always be specified explicitly to assure correctness of the code and improve readability.

Source file

/contracts/randomnumberconsumer.sol

Locations

```
26    * Key Hash: 0x6c3699283bda56ad74f6b855546325b68d482e983852a7a82979cc4807b641f4
27    */
28    constructor(address _factory)
29    VRFConsumerBase(VRFCoordinatorAddress, LINKTokenAddress)
30    {
31    factory = _factory;
32    keyHash = 0x6c3699283bda56ad74f6b855546325b68d482e983852a7a82979cc4807b641f4;
33    fee = 0.1 * 10 ** 18; // 0.1 LINK
34    }
35
36    /**
```

LOW

SWC-103

A floating pragma is set.

The current pragma Solidity directive is ""^0.8.0"". 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

/contracts/randomnumberconsumer.sol

Locations

```
1    // SPDX-License-Identifier: MIT
2    pragma solidity ^0.8.0;
3
4    import "@chainlink/contracts/src/v0.8/dev/VRFConsumerBase.sol";
```