MythX

REPORT SUMMARY

Analyses ID	Main source file	Detected vulnerabilities
2550171e-00b3-4956-966c-bae3b513fa45	/contracts/royaltybearingtoken.sol	2

Started	Mon Mar 14 2022 15:21:54 GMT+0000 (Coordinated Universal Time)
Finished	Mon Mar 14 2022 16:07:38 GMT+0000 (Coordinated Universal Time)
Mode	Deep
Client Tool	Mythx-Vscode-Extension
Main Source File	/Contracts/Royaltybearingtoken.Sol

DETECTED VULNERABILITIES

(HIGH	(MEDIUM	(LOW
0	0	2

ISSUES

LOW

SWC-123

Requirement violation.

A requirement was violated in a nested call and the call was reverted as a result. Make sure valid inputs are provided to the nested call (for instance, via passed arguments).

Source file

/contracts/royaltybearingtoken.sol

Locations

```
547   paymentModule.addRegisterPayment(_msgSender(), tokenIds, msg.value, 'ETH');
548   } else if (trxntype == 0) {
549   //encode payment data for transfer(s)
550   bytes memory data = abi.encode(seller, _msgSender(), receiver, tokenIds, 'ETH', msg.value, address(this), block.chainid);
551
552   //transfer NFT(s)
```

LOW

SWC-123

Requirement violation.

A requirement was violated in a nested call and the call was reverted as a result. Make sure valid inputs are provided to the nested call (for instance, via passed arguments).

Source file

/contracts/royaltybearingtoken.sol

Locations

```
67  }
68
69  //https://hackmd.io/@afreund14031969/r1NDumcBt#Approach
70  function updateMaxGenerations(uint256 newMaxNumber) public virtual returns (bool) {
71  //ensure that msg.sender has the creater role or internal call
72  require(hasRole(CREATOR_ROLE, _msgSender()) || address(this) == _msgSender(), 'Creator role required');
```

Source file

/contracts/royaltybearingtoken.sol

Locations

```
67  }
68
69  //https://hackmd.io/@afreund14031969/r1NDumcBt#Approach
70  function updateMaxGenerations(uint256 newMaxNumber) public virtual returns (bool) {
71  //ensure that msg.sender has the creater role or internal call
72  require(hasRole(CREATOR_ROLE, _msgSender()) || address(this) == _msgSender(), 'Creator role required');
```