

Draft
Security Assessment for

10-LogicBug-Visorfinance (10K-ANC)

July 23, 2023

The issue can cause large economic losses, large-scale data disorder, loss of control of authority

management, failure of key functions, or indirectly affect the correct operation of other smart

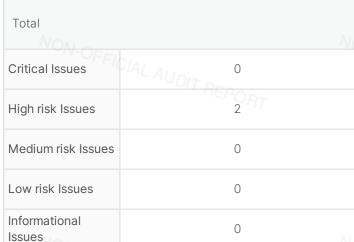
Critical Issues



Executive Summary

Overview OFFI		
Project Name	10-LogicBug-Visorfinance (10K-ANC)	
Codebase URL	https://github.com/metatrust- demo/LogicBug-Visorfinance	
Scan Engine	Al Analyzer	
Scan Time	2023/07/23 21:34:23	
Commit Id	9da84ae	

-	contracts interacting with it.
High Risk Issues	The issue puts a large number of users' sensitive information at risk or is reasonably likely to lead to catastrophic impacts on clients' reputations or serious financial implications for clients and users.
Medium Risk Issues	The issue puts a subset of users' sensitive information at risk, would be detrimental to the client's reputation if exploited, or is reasonably likely to lead to moderate financial impact.
Low Risk Issues	The risk is relatively small and could not be exploited on a recurring basis, or is a risk that the client has indicated is low-impact in view of the client's business circumstances.
Informational Issue	The issue does not pose an immediate risk but is relevant to security best practices or Defence in Depth.







Summary of Findings

MetaScan security assessment was performed on July 23, 2023 21:34:23 on project 10-LogicBug-Visorfinance (10K-ANC) with the repository https://github.com/metatrust-demo/LogicBug-Visorfinance on branch default branch. The assessment was carried out by scanning the project's codebase using the scan engine Al Analyzer. There are in total 2 vulnerabilities / security risks discovered during the scanning session, among which 0 critical vulnerabilities, 2 high risk vulnerabilities, 0 medium risk vulnerabilities, 0 low risk vulnerabilities, 0 informational issues.

ID	Description	Severity
MSA-001	MWE-203: Approval Not Revoked	High risk
MSA-002	MWE-203: Approval Not Revoked	High risk





Findings



4 Critical (0)

No Critical vulnerabilities found here TCIAL AUDIT REPORT



High risk (2)

1. MWE-203: Approval Not Revoked



High risk



Security Analyzer

Approval is not revoked or reset after the code functionality finishes.

File(s) Affected

contracts/contracts/visor/Visor.sol #442-463

```
function delegatedTransferERC20(
  address token,
   address to,
   uint256 amount
) external {
   if(msg.sender != _getOwner()) {
   require(
       erc20Approvals[keccak256(abi.encodePacked(msg.sender, token))] >= amount,
       "Account not approved to transfer amount");
                                       NON-OFFICIAL AUDIT RE
    // check for sufficient balance
   require(
       IERC20(token).balanceOf(address(this)) >= (getBalanceLocked(token).add(amount)).add(timeloc
       "UniversalVault: insufficient balance"
   erc20Approvals[keccak256(abi.encodePacked(msg.sender, token))] = erc20Approvals[keccak256(abi.e
    // perform transfer
   TransferHelper.safeTransfer(token, to, amount);
```

Recommendation

Try to remove the approval after the code finishes its job.



2. MWE-203: Approval Not Revoked





Approval is not revoked or reset after the code functionality finishes.

File(s) Affected

contracts/contracts/visor/Visor.sol #495-516

Recommendation

Try to remove the approval after the code finishes its job.

📤 Medium risk (0)

No Medium risk vulnerabilities found here



No Low risk vulnerabilities found here

? Informational (0)

No Informational vulnerabilities found here



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