

Draft Security Assessment for

Hack-20220902-ShadowFi (10K-UT)

July 23, 2023



Executive Summary

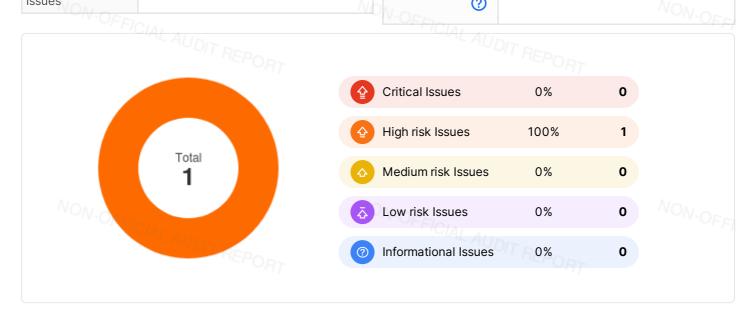
Overview	
Project Name	Hack-20220902-ShadowFi (10K-UT)
Codebase URL	-
Scan Engine	Al Analyzer
Scan Time	2023/07/23 15:37:11
Commit Id	<u>N</u> (

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Scan Engine	Al Analyzer
Scan Time	2023/07/23 15:37:11
Commit Id	NO NO NOT ALL AUDIT REPORT

Total		Ne
Critical Issues	CIAL AUDIT REPORT	
High risk Issues	NEPORT	
Medium risk Issues	0	
Low risk Issues	0	
Informational Issues	0	Ne

Critical Issues	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 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.
Madium Diale	The issue puts a subset of users' sensitive information at risk, would

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.
	The rick is relatively small and sould
	The risk is relatively small and could not be exploited on a recurring
Low Risk Issues	basis, or is a risk that the client has
	indicated is low-impact in view of
$ar{\Delta}$	the client's business circumstances.
Informational Issue	The issue does not pose an immediate risk but is relevant to
miorina donariosac	security best practices or Defence
<u></u>	in Depth.
My _	





Summary of Findings

MetaScan security assessment was performed on July 23, 2023 15:37:11 on project Hack-20220902-ShadowFi (10K-UT) with the repository Hack_20220902_ShadowFi 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 1 vulnerabilities / security risks discovered during the scanning session, among which 0 critical vulnerabilities, 1 high risk vulnerabilities, 0 medium risk vulnerabilities, 0 low risk vulnerabilities, 0 informational issues.

ID	Description	Severity
MSA-001	MWE-207: Unauthorized Transfer	High risk





Findings



Critical (0)

No Critical vulnerabilities found here TCIAL AUDIT REPORT



High risk (1)

1. MWE-207: Unauthorized Transfer



High risk



Security Analyzer

The contract allows transferring tokens from an address different from the message sender without checking the approval of the address owner.

File(s) Affected

ShadowFi.sol #958-962

```
function burn(address account, uint256 _amount) public {
    _transferFrom(account, DEAD, _amount);
    emit burnTokens(account, _amount);
```

Recommendation

Check the business logic about the transfer and add the approval check if necessary.



Medium risk (0)

No Medium risk vulnerabilities found here



\Lambda Low risk (0)

No Low risk vulnerabilities found here



Informational (0) No Informational vulnerabilities found here



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