



METATRUST

Draft
Security Assessment for
**145-2022-07-ens
(10K-ANC)**






July 23, 2023

Executive Summary

Overview			
Project Name	145-2022-07-ens (10K-ANC)		
Codebase URL	https://github.com/code-423n4/2022-07-ens		
Scan Engine	AI Analyzer		
Scan Time	2023/07/23 21:54:13		
Commit Id	ff6e59b		

Total			
Critical Issues	0	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	1	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	0	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	0	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 Issues	0	Informational Issue	The issue does not pose an immediate risk but is relevant to security best practices or Defence in Depth.



	Critical Issues	0%	0
	High risk Issues	100%	1
	Medium risk Issues	0%	0
	Low risk Issues	0%	0
	Informational Issues	0%	0

Summary of Findings

MetaScan security assessment was performed on **July 23, 2023 21:54:13** on project **145-2022-07-ens (10K-ANC)** with the repository **<https://github.com/code-423n4/2022-07-ens>** on branch **default branch**. The assessment was carried out by scanning the project's codebase using the scan engine **AI 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-203: Approval Not Revoked	High risk


Findings

Critical (0)

No Critical vulnerabilities found here

High risk (1)

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/wrapper/mocks/UpgradedNameWrapperMock.sol #40-57

```
40     function wrapETH2LD(  
41         string calldata label,  
42         address wrappedOwner,  
43         uint32 fuses,  
44         uint64 expiry,  
45         address resolver  
46     ) public {  
47         uint256 tokenId = uint256(keccak256(bytes(label)));  
48         address registrant = registrar.ownerOf(tokenId);  
49         registrar.transferFrom(registrant, address(this), tokenId);  
50         registrar.reclaim(tokenId, address(this));  
51         require(  
52             registrant == msg.sender ||  
53             registrar.isApprovedForAll(registrant, msg.sender),  
54             "Unauthorised"  
55         );  
56         emit WrapETH2LD(label, wrappedOwner, fuses, expiry, resolver);  
57     }
```

Recommendation

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

Medium risk (0)

No Medium risk vulnerabilities found here

Low risk (0)

No Low risk vulnerabilities found here

Informational (0)

No Informational vulnerabilities found here

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