

# Draft Security Assessment for

# 113-2022-04-abranft (1Positive-UT)

July 23, 2023

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

management, failure of key



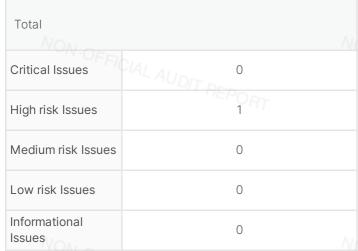
# **Executive Summary**

Overview OFFICIAL	
Project Name	113-2022-04-abranft (1Positive-UT)
Codebase URL	https://github.com/code-423n4/2022- 04-abranft
Scan Engine	Al Analyzer
Scan Time	2023/07/23 16:41:47
Commit Id	5cd4edc

<b>ਊ</b>	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.
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.

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Critical Issues







# **Summary of Findings**

MetaScan security assessment was performed on **July 23, 2023 16:41:47** on project **113-2022-04-abranft (1Positive-UT)** with the repository **https://github.com/code-423n4/2022-04-abranft** 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 ICIAL 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

contracts/BentoBoxFlat.sol #919-933

```
function transfer(
   address from,
   address to,
   uint256 share
) public allowed(from) {
   require (to != address(0), "BentoBox: to not set"); // To avoid a bad UI from burning funds
   balanceOf[token][from] = balanceOf[token][from].sub(share);
   balanceOf[token][to] = balanceOf[token][to].add(share);
   emit LogTransfer(token, from, to, share);
```

#### Recommendation

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



#### Medium risk (0)

No Medium risk vulnerabilities found here



# **A** Low risk (0)

No Low risk vulnerabilities found here



### Informational (0)

No Informational vulnerabilities found here



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