



Astarfarm Audit Report

Completed on 2022-05-25

Score **POSITIVE**

Risk level **Critical** 0
High 0
Medium 0
Low 0
Note 0

Risk level detail

Overall Risk Severity				
Impact	HIGH	Medium	High	Critical
	MEDIUM	Low	Medium	High
	LOW	Note	Low	Medium
		LOW	MEDIUM	HIGH
	Likelihood			

The tester arrives at the likelihood and impact estimates, they can now combine them to get a final severity rating for this risk. Note that if they have good business impact information, they should use that instead of the technical impact information.

https://owasp.org/www-community/OWASP_Risk_Rating_Methodology

Vulnerability Review

Number of warnings

Compiler Version	0
Incorrect function state mutability	0
Incorrect state variable status in Whitelisting	0
Queue handling	0
State Variable Default Visibility	0
Integer Overflow / Underflow	0
Parity Multisig Bug	0
Callstack Depth Attack	0
Production Node modules security	0
Re-Entrancy	0
Staking user's money moves expectedly	0



Audit Comments

We found that the issues presented in the previous report have been handled and we found no issues with the current implementation based on the diff file provided by the client.

The Solidity version has been fixed and the loop bounds are set properly now.

MD5 Sum of Diff path : 1c6bdef62208a8b3a3983fa997156ea8

```
144     function withdraw() external nonReentrant {
145         _withdrawUnbounded();
146 -         _consumeUnstakingQueue();
147 +         _consumeUnboundingQueue();
148 +     }
149 +
150 +     function withdraw(uint256 from, uint256 to) external nonReentrant {
151 +         _withdrawUnbounded();
152 +         _consumeUnboundingQueue(from, to);
153 +     }
154
```

Change in withdraw function