Last Update: 14 Feb 2023

Alpha Homora V2's Whitelisting criteria

Summary;

To facilitate the integration on Alpha Homora's leveraged yield farming side, the protocol looking to integrate must complete the **2-step process** to ensure security for our users and protocol operations.

- Step1: Smart Contract Audits
- Step2: Internal Review by Alpha Finance Team

Step1: Smart Contract Audits

The smart contracts and code parts that involve integrating with Homora's leveraged yield farming side **must** be audited and follow our auditing guidelines.

Auditing Guidelines

The smart contracts that require auditing can be broken down into 2 main types:

1.1 Core protocol

The core protocol must be audited by **at least 2 auditors** from our Auditors list.

1.2 Additional integration smart contracts

These smart contracts are either modified or newly created smart contracts to support the integration. This type of smart contracts must be audited by **at least 1 auditor** from our Auditors list.

*Notes: In the case of minor changes to your smart contracts, we understand that auditing process can introduce hassles. Therefore, **If there is any change to your smart contracts, please do notify our team for the review**. This is to ensure there are no risks involved in the new changes applied. If the change is minor, additional audits may not be required.*

Step2: Internal Review by Alpha Finance Team

Once the smart contract(s) has been successfully audited according to Step1, please share the following code & resources with our team (**@n1punp** and **@arintrongs.**)

1. **Audit report**
2. **Code repository**

We will do some code reviews to assess whether the integration passes our security standard and whitelisting criteria or not.

*Notes: To speed up our internal review process, we recommend you to include **3. Additional documentations** explaning your integration with Alpha Homora V2 and how your protocol components interact with each other.*

This should include, but not be limited to High-level flow diagram, specific user interaction journeys, which smart contracts interact with HomoraBank?, who can call the integration smart contract?, etc.

Appendix: Audits

[1]Auditors list

1. OZ
2. ToB
3. Consensys
4. Dedaub
5. ChainSecurity
6. Peckshield
7. Spearbit
8. Quantstamp
9. Halborn
10. Code4rena
11. Top individual auditors from c4 (E.g. trust_90, pashov, etc.)

[1]If there are any auditors that you would like us to consider, please reach out to our team as we will evaluate based on a case-by-case basis.

Additional Auditing Guideline

Audits should review contracts integration with the core focus of:

- No potential flashloan attack
- No possible custom data / external calls to unknown contracts can be encoded to HomoraBank e.g. evil jars
- No possible external calls allowed, apart from the correct contract addresses, e.g. correct farming pools, tokens.
- No possible external calls allowed that can invoke e.g. flashloans.
- Contract is not upgradeable (case-by-case consideration)
- Secure against economic attacks.
- And also for your side: correct calculations, e.g. shares, assets. Front-running, sandwich attacks.

Appendix: Others

Deployment

After final review and confirmation once everything is good, we'll need your contracts to be deployed on mainnet and code verified.

Token and Pool Listing Requirements

In case there are liquidity providing pools you are looking to integrate but they are not now available on Alpha Homora V2, You can check out our pool listing criteria and reach out to our team to discuss listing feasibility.