



Smart Contract Code Review Proposal for Diverse Solutions

Nº SCAP 13259/21/11/2023

Vitalii Odnovol

v.odnovol@hacken.io

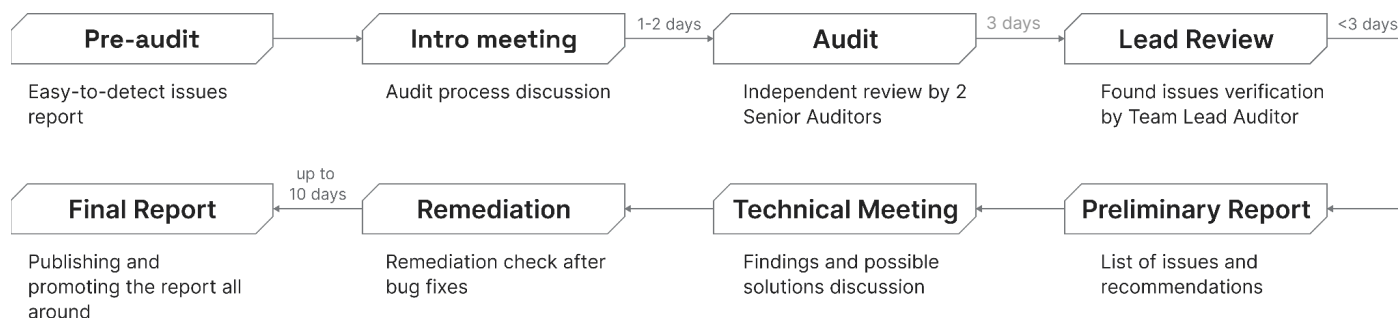
Tuesday, 21 November 2023

Valid till 10/11/2023

Benefit from caring about security

- 4-stage methodology to guarantee the highest security (two auditors)
- 0 rekt cases among 567 audited projects in 2022
- Gas fee review and recommendations on optimizing
- Recommendation on fixing detected vulnerabilities
- Dedicated delivery manager
- Free remediation check included
- Senior auditors with CCSSA, CEP, and CBP certifications
- Different attack vectors simulation
- CoinGecko and CoinMarketCap integrations
- Improved cybersecurity score on CER.live
- Audit report accepted by the leading CEXs
- Hacken marketing support
- Free Bug Bounty program for audited smart contracts
- Special pricing conditions for on-chain monitoring tool – Hacken Extractor

Workflow





Hacken Documentation and Methodology



Upgrade to 360-Degree Security and get up to 50% bundle discount

Ask your Hacken Account Executive more about the services and available offers



Bug Bounty

Cost-effective defense with 20,000+ security researchers protecting \$28B in funds daily

- Only pay for relevant and in-scope bug reports
- Top-notch Triage
- Continuous bug detection
- Most popular Bug Bounty Platform among crypto exchanges
- Security score integration with CER.live and CoinGecko
- Trusted by NEAR, Status, Avalanche, KuCoin, and others



dApp Audit

Create and maintain secure integration with blockchains, protect assets, and reputation

- Secure the off-chain code
- Prevent private key leakage
- Ensure secure connection to blockchain
- Increase community trust
- A must-have for every cross-chain bridge



Penetration Testing

Proactively identify weak spots in your software by putting your systems against a simulated cyberattack in a safe and controlled environment

- Full-scale security risk reporting
- Detect multivector vulnerabilities
- Check intrusion possibility
- No business interruptions
- High degree of accuracy
- Supported on all platforms



Blockchain Protocol Audit

Secure the entire architecture and implementation layers of your protocol to avoid costly errors

- Detect and fix consensus mechanism flaws
- Protect against network vulnerabilities
- Prevent costly errors by auditing cryptography and keys
- Receive top-notch recommendations on fixing detected vulnerabilities
- Receive a special bug bounty program offer for the audited protocol

Repository: <https://github.com/mnkhod/ArdManualBridge>

Commit: 87acaf47d6e01dbc130f8488bdfbfb2256401c33

Files:

```
ArdCoinManualBridgeLocker.sol
import "../interfaces/IERC20.sol";ArdCoin

ManualBridgeMinter.sol
import "../interfaces/IERC20.sol";

IERC20.sol
```