EF's Bug Bounty Program

The past, the present and the future

Fredrik Svantes

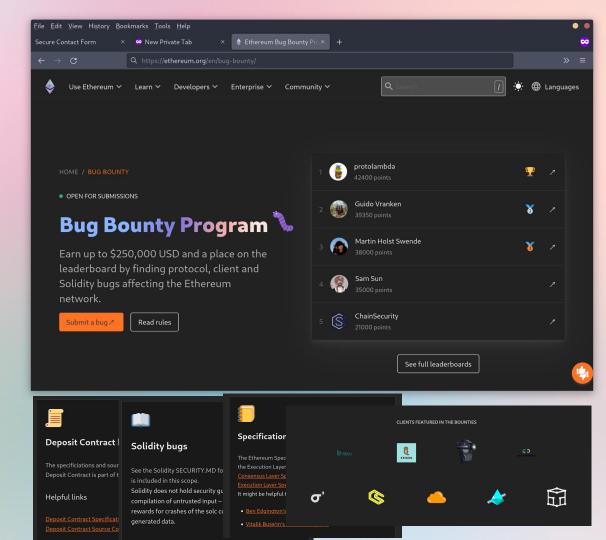
Security Research, Ethereum Foundation

What is it?

Bug Bounty Program

- Let's start with the basics
- What's in scope
- BBPaaS vs. In-house
- https://bounty.ethereum.org





The Past

History

2015

2020

2022



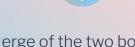
Launch of the Ethereum Foundation Bug Bounty Program.

Max Reward: 5 BTC for consensus issues (~\$1500)



CL Program started

Max Reward: \$25/50,000 (x2)



Merge of the two bounty programs.

Max Reward: \$250,000 (\$1 Million for Merge Related issues)

ETHEREUM BOUNTY PROGRAM

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ETHEREUM Bounty Program

The Ethereum Bounty Program provides bounties for bugs. We call on our community and all bug bounty hunters to help identify bugs in the protocols and clients. Earn rewards for finding a vulnerability and get a place on our leaderboard. See Rules & Rewards section for details.

Submit a Vulnerability

LEADERBOARD

1. Sam Sun	35000 pts
2. Martin Holst Swende*	33500 pts
3. ChainSecurity chainsecurity	21000 pts
4. Juno Im	20500 pts

Ethereum Bounty Program

Submit via email (PGP)



The Present

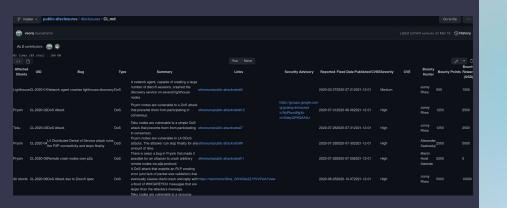
Submissions

Sent via Google forms or Email (PGP)



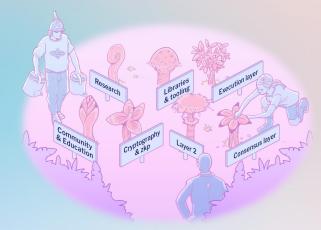
Ethereum Bug Bounty Submission For more, visit https://bounty.ethereum.org/ fredrik.svantes@ethereum.org Switch account 0 * Required Email * Your email Name * Note: for display on the bounty site; you may use a pseudonym Your answer Short description * 1 sentence description of the bug Your answer Attack scenario * More detailed description of the attack/bug scenario and unexpected/buggy behaviour

200+ vulnerabilities reported and fixed.



Public Disclosures

https://github.com/ethereum/public-disclosures/

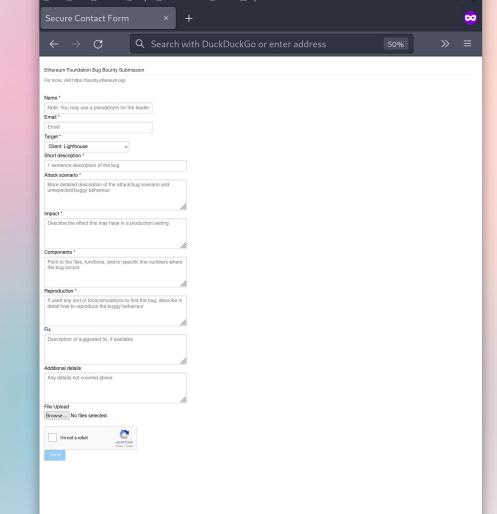


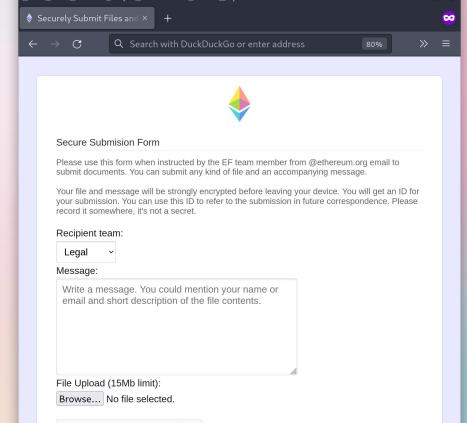
The Future

Secure Submission Form

- Client side encryption in browser
- OpenPGP.js
- Modular
- Small server side app handling transfer of data to destinations
- Soon™ available in a public repository







I'm not a robot



Secure Drop

- Built on Secure Submission Form
- Easy way for users to submit data that must be kept confidential
- Available at https://github.com/ethereum/secure-drop/

Looking ahead

- Encrypted vulnerability lifecycle system
- Additional incentives for bounty hunters
 - Remix Team



Thank you!

Fredrik Svantes

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