Chainsecurity Performs Security Audit of iExec V3 Mainnet Smart Contracts

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May 30, 2019 - *Smart contract auditing company Chainecurity performed an audit of the iExec V3 mainnet contracts. One year since V2 mainnet, it was important to once again carry out an audit on the security, trust and overall design of the new V3 contracts before going live. The updated code underwent an independent and external review.*

iExec has released its V3, which introduces a new Data Wallet that makes secure data renting possible. V3 upgrades make iExec's decentralized cloud marketplace faster, more secure and flexible. For the very first time, individuals can connect to iExec and contribute their computing power to earn money.

Chainsecurity provided an expert analysis and audit on each of the iExec V3 smart contracts (mainly the iexecHub and iexecClerk contracts). After an extensive review of thousands of lines of code, ChainSecurity produced a detailed report which is **public and open for everyone to read.**

> Overall, we found that iExec employs good coding practices and has clean, well-documented code. All properties verified by Chainecurity hold. However, Chainsecurity raised minor security and design issues, which have been fixed in the latest code commit. — ***Chainecurity***

We are happy to announce that the invariants of the iExec V3 smart contracts were all verified manually by Chainsecurity and none were labeled as having a security impact. The iExec team would like to thank you Chainsecurity for such a rigorous and detailed report!

Read Chainsecurity's full iExec V3 security audit here**,** or on the iExec Github.

About ChainSecurity: As a smart contract audit firm, ChainSecurity has earned the reputation as the industry standard. They were recently responsible for flagging a critical security vulnerability in the Ethereum EIP 1283, resulting in a necessary delay of the Constantinople hard fork. ChainSecurity is composed of blockchain experts from ETH Zurich and are official research partners of the Ethereum Foundation and Web3 Foundation and ICE research center.

About iExec: iExec is a decentralized marketplace for computing resources. It allows individuals and enterprises to monetize their applications and datasets, and to trade computing power. The company develops the technology and protocols that organize the exchanges between stakeholders, with the maximum level of trust, security and flexibility.

Connect with iExec

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