Reading Questions for Thursday, March 14, 2019

We ask you to submit comments on the following papers by midnight Wednesday March 13:

- Smart Contracts: Building Blocks for Digital Markets .

- A Next Generation Smart Contract and Decentralized Application Platform.

Your comments should include both answers to the specific reading questions and generic response about the papers. You are welcome to include any questions you have about the papers in your comments. After submitting your own comments, you'll be able to see others' submitted comments. You can comment on others' submissions and answer raised questions on Canvas. Discussion on Canvas is strongly encouraged.

1   Reading Questions

1. In the paper "Smart Contracts: Building Blocks for Digital Markets", the author mentioned PGP and its web-of-trust security model. What does the author think is a major problem of PGP-like systems?

2. Ethereum allows Turing-complete programs to execute on its network via the EVM bytecode in its smart contracts. How does it prevent infinite loops?

3. Ethereum follows a different currency issuance (supply) scheme than Bitcoin. What are the main difference(s) and how did the author of the Ethereum white paper justify the choices?

2   Generic Response

Respond to the papers following the guidelines in the course syllabus (under "Submit Comments and Presenting Papers").