

# Reading Questions for Thursday, February 14, 2019

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

- Information Propagation in the Bitcoin Network.
- Discovering Bitcoin’s Public Topology and Influential Nodes.

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. “Information Propagation in the Bitcoin Network ”paper: Which of the three solutions in Section 5 do you think is most convincing? Can you think of any other possible solutions?
2. “Discovering Bitcoin’s Public Topology and Influential Nodes” paper: Why does bitcoin broadcasting have the two-hour aging penalty?
3. “Discovering Bitcoin’s Public Topology and Influential Nodes” paper: What is the high-level idea behind discovering whether a node is overly influential? Can you think of any other ways to do this, or ways to defeat it?

## 2 Generic Response

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