CSC 495/583 Spring 2018 Reading Question 2

Dr. Si Chen

Due on: 03/29/2018

Eclipse Attack

Ethan Heilman from Boston University gave a talk at the security seminar on his recent Usenix Security paper. This is very interesting work demonstrating some worrying attacks on the Bitcoin network.

Read this paper. **Link: Eclipse Attacks on Bitcoin's Peer-to-Peer Network**

Answer the following questions:

> 1. How to launch this attack? 2. What's the difference between Eclipse attack and Sybil attack? 3. How to launch this type attack to Ethereum?

Submission

- Please upload your response **in PDF format** to D2L Assignment before 03/29/2018 23:59:59 EDT. Late submission will not be accepted;

- The assignment should be submitted to D2L directly.