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Scenario 1

A. Does the benefit to users of InstaToonz from the bug getting fixed outweigh the hassle I would have to go through if InstaToonz sued me? Is there a way to get the bug fixed without risking getting sued?

B. Stakeholders:

- Me — right to have my voice heard, right to a fair trial
- InstaToonz — right to not have bugs in their software exploited, right to expect their users to follow the terms of service
- InstaToonz users — right to data privacy/copyright within the terms of service/law, right to know that their data/copyright is at risk due to a bug
- FBI — right to full cooperation from InstaToonz, IT users, and the people who discovered the bug
- The general public — right to know about security issues and data breaches that affect a large portion of the population

C. It would be helpful to know how I discovered the bug. If I was snooping around for exploits of their software, they would have a better legal case against me than if I simply stumbled upon it while using the app.

D. Options:

- I could not tell anyone about the bug and use it to view other peoples' messages. This is obviously a violation of the users' right to privacy.
- I could not tell anyone and do nothing about the bug. I would be in no legal trouble, but other people could discover the bug and use it maliciously.
- I could privately report the bug to InstaToonz. This would ensure that the bug gets fixed, but I would be at risk of being sued.
- I could anonymously leak the bug to the FBI. This would probably launch an investigation into the bug, and the FBI would tell InstaToonz to fix it. I would not be at risk of being sued.

E. The ACM Code of Ethics confirms the value of common-sense ethical principles, such as honesty and avoiding harm. The principles of privacy and confidentiality are threatened by this bug.

F. I would leak the bug to the FBI, because there would be a high chance that this would result in the bug getting fixed and people finding out that their data was at risk. Anonymity would minimize the possibility of getting sued by InstaToonz. However, if the bug involved encryption

and copyright-protection, I would be in violation of section 1201 of the DMCA because I am “circumventing” a measure that effectively controls access. In this case, I would not tell anyone about the bug because that would likely have serious legal consequences for me.