

Paper Reading Questions

For each paper, your assignment is two-fold. By 10PM the evening before lecture:

- Submit your answer for each lecture's paper question via the submission web site in a file named `lecn.txt`, and
- Submit your own question about the paper (e.g., what you find most confusing about the paper or the paper's general context/problem) in a file named `sqn.txt`. You cannot use the question below. To the extent possible, during lecture we will try to answer questions submitted the evening before.

Lecture 15

Security engineering classes often focus on technological mechanisms such as cryptography or programming techniques (i.e., controls) to prevent security problems, but safety and biomedical engineering classes tend to focus on risk management to balance risks and benefits. Consider the situation of requiring fast emergency access to control an implanted medical device that must also remain secure. If the overarching goal is patient safety, how might your choice of security mechanisms differ from traditional computing contexts? How do we achieve both safety and security while balancing risks and benefits that ensure patient safety?

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