

What is secure-boot and why you should use it.

- **Speaker:** Nathaniel Smith
- **Room:** CC 234
- **Time:** Sat 9:30 am – 10:00 am
- **Format:** Lecture (30 Min + Q&A)
- **Difficulty:** Introductory
- **Track:** Security / Privacy
- **Additional Tags:** Hardware, Education
- **Presenter Location:** In-person
- **Experience:** several-th time speaking
- **At:** lfnw

Description:

Secure-boot is a feature of desktops and laptops that ensures the software running has not been tampered with and is trusted. From what I have seen, Linux users are less likely to think that Secure Boot is an important feature and many disable it entirely. I will teach the math behind Secure Boot, showing how it works so participants can better understand it, demystifying the technology. Next I will teach how Secure Boot improves security on computers that utilize it. Microsoft recently has made people annoyed with their insistence of requiring the TPM chip, a hardware feature that ensures Secure Boot keys have not been tampered with, leading many Linux users to dislike the technology.

Target Audience:

- Newer users of Linux

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