

# **THE FUNDAMENTAL DIFFERENCES**

- **Both are driven by engineering decisions, not hardware-related ones.**
  - **A good example of this is a system that Facebook built to automate 300 sysadmins work to find, test, and restart servers in production autonomously.**
  - **Software is good at detecting repeatable patterns, performing tedious tasks, and completing these 24/7.**

# TOOLING AND AUTOMATION

- **SRE and Production Engineering both require heavy amounts of automatic and autonomously functioning tooling and detection.**
- **You'll find that both areas tend to invest heavily in orchestration software (Packer, Chef, Kubernetes, etc), monitoring and alerting (observability), and all things tooling/automation.**