

**OPS IS**  
**DEAD.** NOW  
**WHAT?**



# \$ whoami

- 39 years old
- Went to college to be a programmer
- Ended up doing systems administration for 10+ years
- Been doing software development for the last 5+ years
- Believe a good sysadmin **always** had to know how to code.
  - This has been true since way before *devops* was a thing.

# Development vs. Operations

- Always had **different** (inherently conflicting) **focus**
- Always attracted people with **different interests**
- Always required people with **different skill sets**
- Always required **proper communication** and **mutual-understanding**
  - ...which derives from an awareness of common organizational goals
  - ...and is made easier by having (at least) some overlapping knowledge
  - ...but which, in many cases, got buried under short-sighted tribal wars ☹️

# Current Status...

- Both approaches **remain necessary**
  - ...if you expect to be adaptable *and* have reliable production environments
  - ...the challenge is in how to avoid subsuming one into the other
- But there is increasing pressure to go from *devops*\* to *no-ops*
  - ...due to wrong beliefs about what cloud services actually provide
  - ...due to wrong beliefs about what operations actually do (or should do)
  - ...due to a growing separation between software and its computation devices

\* *i.e.* from any of the about a million definitions of it.



# In the Future...

- What options will systems-loving people have?
  - ...will (relevant) work be limited to the big cloud providers?
  - ...will there be any chance of interacting with actual hardware?
- Will computer plumbing become uncool?
  - ...will any programmer still know how TCP works?
  - ...will any cloud *devops* person still know how TCP works, for that matter?
  - ...will getting excited about going deep into IPsec become a thing of shame?
  - ...is it *already* uncool?

**Will any of this matter?**  
**Will we care?**

# Thanks!

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