DevOps Journey: Notes from the Field

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"DevOps is the practice of operations and development engineers participating together in the entire service lifecycle, from design through the development process to production support."

-Ernest Mueller
The Agile Admin
What is DevOps?

"DevOps is the practice of applying operations and engineering practices to the entire journey, from design through development, production, and beyond."

Transformation is a Journey

- Transformation is change, and change takes time

- Change starts some place and propagates

"We are going to transform the way we work to align around DevOps practices to achieve a better experience for our customers."

Set achievable goals

"Reduce the time it takes to ship a hot fix from 6 days to 6 hours."

- Actionable
- Measurable
- Reproducible

"Shards are the secret ingredient in the web-scale sauce, they just work."

Avoid Cargo Cult Practices

- *"Its not DevOps if you don't _____."*

- *"Its just _____."*

Not everyone is...

- Google
- Amazon
- Facebook
- Netflix
- Apple
- Twitter

The scope of your solution needs to match the scale of your problem.

It does not mean no...

- Process
- Control
- Review
- Security

- DevOps does not innately absolve you of your legal and ethical obligations.

- DevOps is not inherently more secure.

- You must have appropriate controls.

With great power comes great responsibility

- Production access comes with responsibility.

- Pushes must be logged and verifiable (see previous point).

- If you push it, you are responsible.