Get behind your OpenStack and transform your adoption

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Who here uses OpenStack?
What's the OpenStack value?
"Being a flexible framework to build on is the most important aspect of the OpenStack platform.

Being able to support both traditional and cloud-native workloads is very important. Large enterprises don't have the luxury of dropping their legacy applications and forklifting them into the microservices-type designs from day one.

The benefits of the cloud are too great to only allow new workloads onto the platform“

-Jonathan Bryce (from OpenStack User Survey – Austin, 2016)
OpenStack Value

- IaaS
- Common APIs
- Pluggable (Storage, Network, Compute)
- OPNFV Ready
- Scalable
- $ Acquisition ↓
- Long term $ ↓
- Cloud Native “Ready”
Are you having trouble with adoption?
Lets see if its going to work out

FENCE-SITTER

WHAT ARE YOU DOING?

I'M SITTING ON THE FENCE.

BUT WHY?

I GET TO KEEP MORE FRIENDS THAT WAY.

DOESN'T IT HURT?

NAA, JUST A FEELING OF NUMBNESS. I'M USED TO IT.

www.religa.wordpress.com
“What if we don’t change at all ... and something magical just happens?”
...So many Choices
Are you in unfamiliar territory?
How can we gain adoption?
3 Steps

- Discover your requirements
- Plan to get there
- Execute!
Adoption Tool Discovery
Tools

- libguestfs and tools
  - `virt-v2v`, `virt-p2v`, and others
- Kiwi
- qemu-img
- Open Build Service
- Clonezilla
- Machinery
What is Transformation?
3 Steps

- Discover your requirements
- Plan to get there
- Execute!
Transformation Practices

Software Development

- Waterfall
- Agile
- Lean
  - https://en.wikipedia.org/wiki/Lean_software_development
- Kanban development
- DevOps
- Post-DevOps
  - http://www.engineerbetter.com/blog/post-devops/
Focus on going faster, Instead of focusing on migrating to the platform.
Transformation Risk Management

- Whats at Risk?
- Segregation of responsibilities
- Regulation vs Corporate Policy
- No Malicious back doors
Eliminate the Risk
Transformation Cost of Delay

Think about outcomes and not whether the requirements were met. Are we making more revenue? How much will it cost? -> How much will I make? How will it be done? -> How urgent is it?
Parable of the Taxi Driver and the Banker
Transformation Requires Change
Post-DevOps

A platform introduces two new responsibilities: app operations and platform development.

http://www.engineerbetter.com/blog/post-devops/
Demonstration