

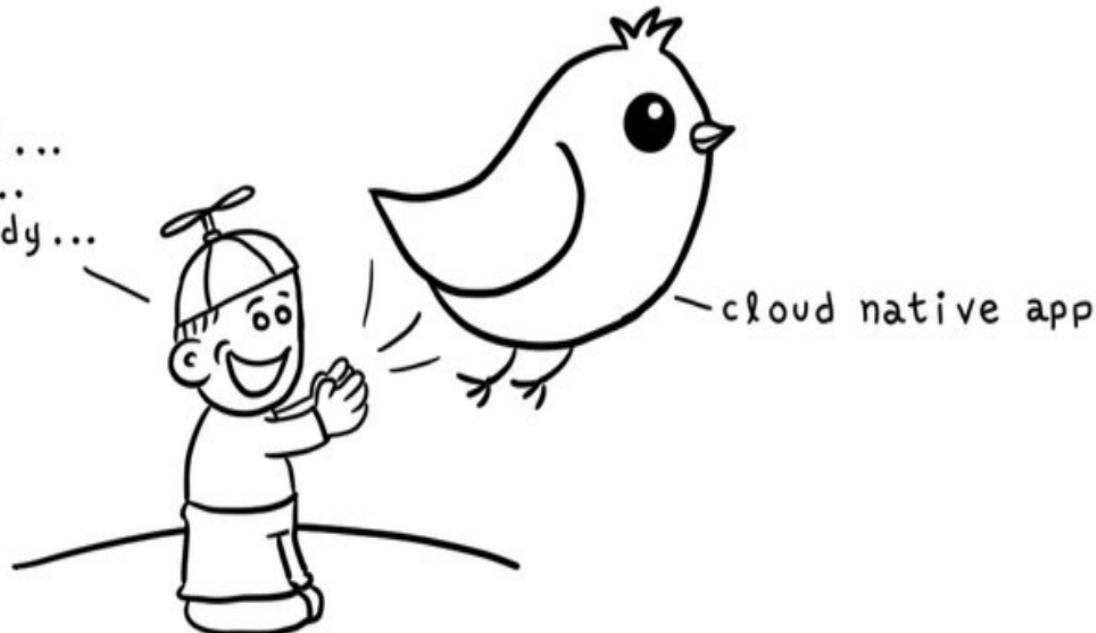
**The Cloud**  
**It's just**  
**someone else's**  
**computer**

Amanda Galligan – Principal Network Engineer @Workday

What “Devs” think the cloud deployment will be like...

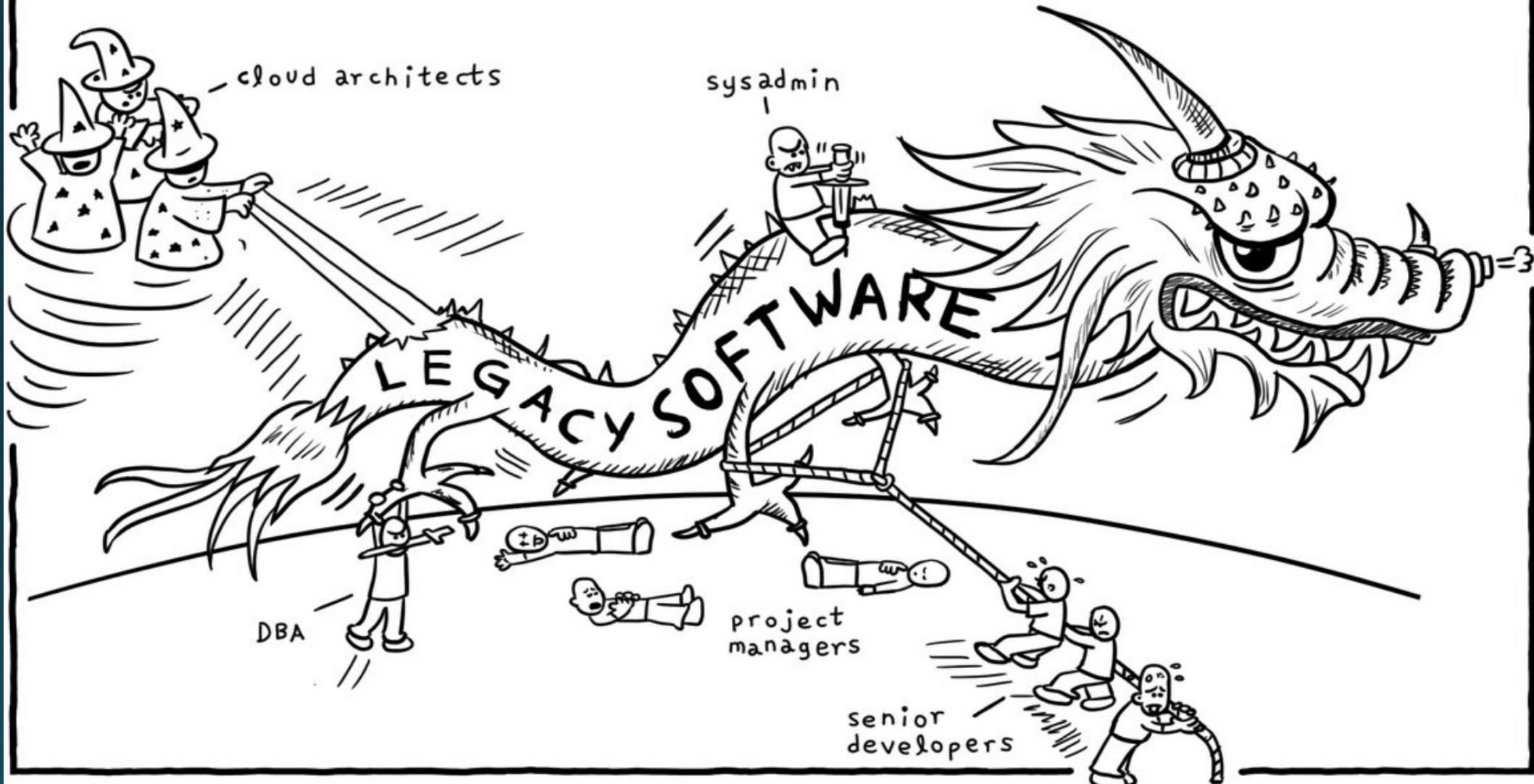
## Startups Journey to Cloud

rails scaffold...  
heroku deploy...  
fly little buddy...



What the Cloud deployment is  
actually like..

## The Enterprise Journey to Cloud



# How “Clouds” are really formed!..



**Jeremy Stretch**

@packetlife

Following



Did you know? Clouds are formed from the evaporated tears of many thousands of network and systems admins

RETWEETS

96

LIKES

169



9:48 PM - 25 May 2017



3



96



169

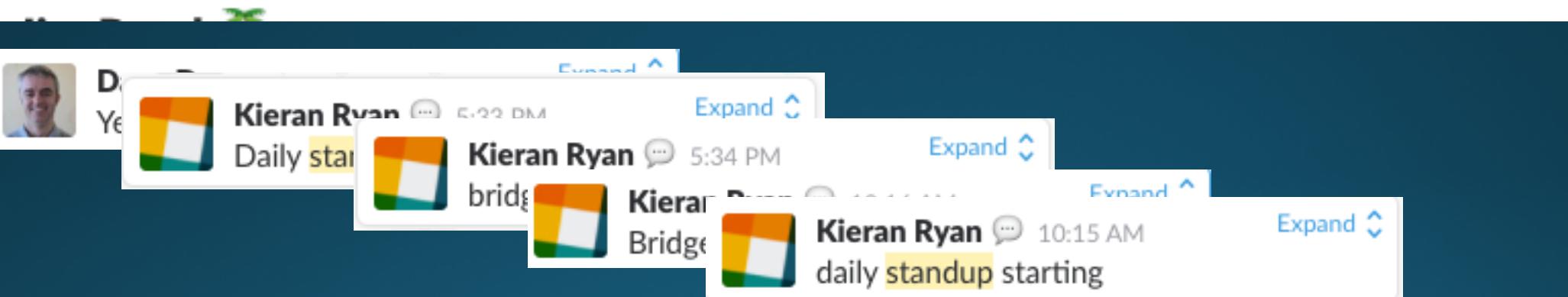


It wasn't easy at first to get to  
grips with..

**Amanda Galligan** 😱 6:13 PM

I think I'm gonna start working with Conors team and do scrum/standups etc for this.. need to put some structure in place with regards what I need to deliver.. I actually think thats the main thing thats freaking me out.. the work/planning is very unstructured

Can't believe I'm actually saying I want to embrace Agile methodologies again



And when it came to security  
best practices..

**Amanda Galligan** 😱 5:31 PM

yeah in fairness I'm siding with sec at the moment on some of these things

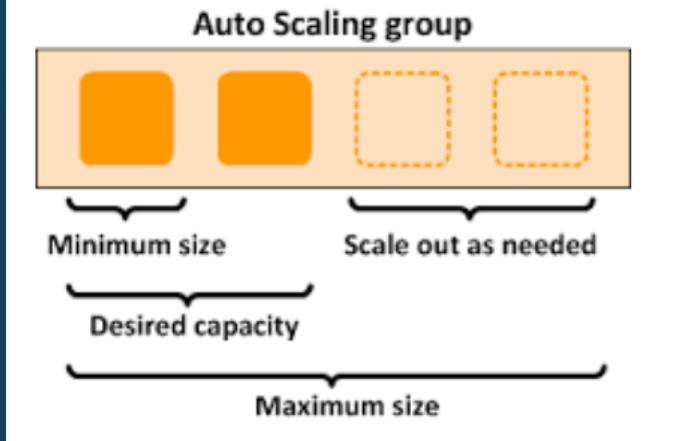
The devs think we can just allow access to everything 0.0.0.0/0 in the production account

and allow them full IAM access to do anything they want in prod also



Type	Protocol	Port Range	Source
Custom ICMP Rule	ICMP (1)	Destination Unreachable / All	0.0.0.0/0
ALL TCP	TCP (6)	ALL	sg-dab7eca1
SSH (22)	TCP (6)	22	0.0.0.0/0

There was technology I'd never  
worked with before..



The perception of the Network  
group from a Dev perspective..

**Developer**

5:10 PM

Not sure if you're still trying to dissuade me from joining INF.network 😂

**Amanda Galligan** 🤯 5:12 PM

lol yeah this is the really un-glamorous side of INF network .. dealing with shit blowing up on you during a MW and everyone blaming the F5 or the network

**Developer**

5:12 PM

Everybody knows it's a firewall issue

I'm still struggling at seeing the glamorous side of INF net 😜

**Amanda Galligan** 🤯 5:16 PM

haha whats not glamorous about BGP or VXLAN? Be no internet without BGP and dont me started on MPLS

**Developer**

5:18 PM

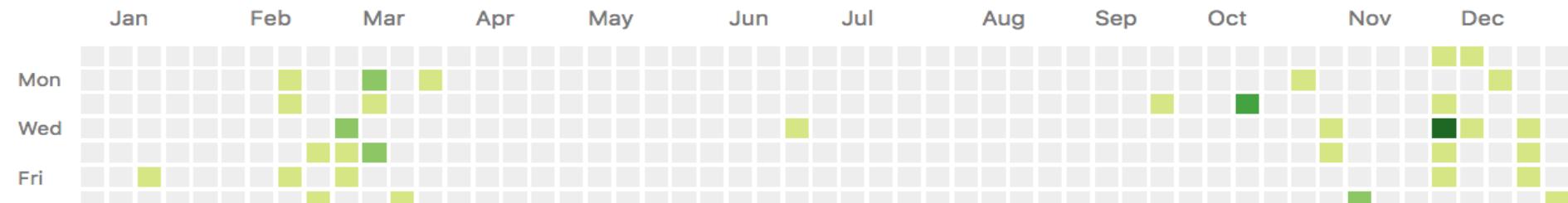
haha I'm gonna google that MPLS 😄

Anything that's beyond "I want to reach X from Y" is over-complexity for me

I'm actually only half kidding here.

81 contributions in 2016

Contribution settings ▾

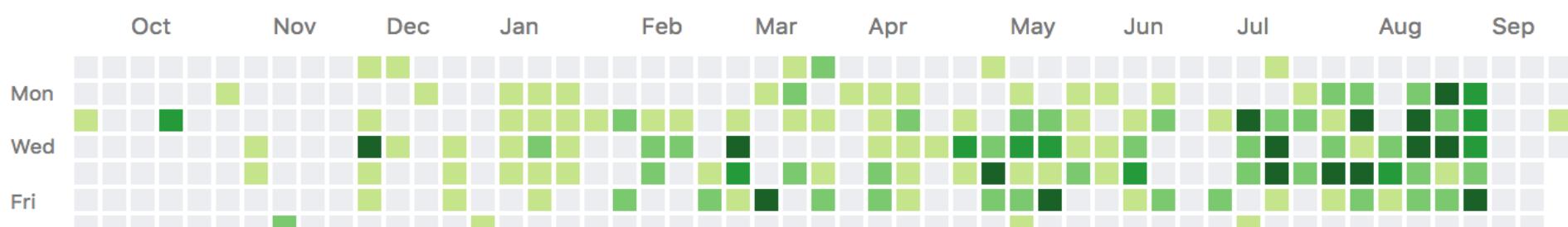


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Less More

602 contributions in the last year

Contribution settings ▾



[Learn how we count contributions.](#)

Less More

But all worth it for the chance to  
learn how code is deployed..



**Barisa Obradovic** 🇮🇪 6:21 PM

nope, after the branch is pushed

a cluster can be built with it in [https://\[REDACTED\]/jenkins-scy/job/cluster\\_builder\\_dev/](https://[REDACTED]/jenkins-scy/job/cluster_builder_dev/)

I can show you how to do it, or do it myself



**Amanda Galligan** 🇺🇸 6:22 PM

I'd like to see how you do it .. for future reference if thats ok? Teach a man to fish 😊

let me know when i can submit the branch first then i might pop over?



**Barisa Obradovic** 🇮🇪 6:23 PM

try now

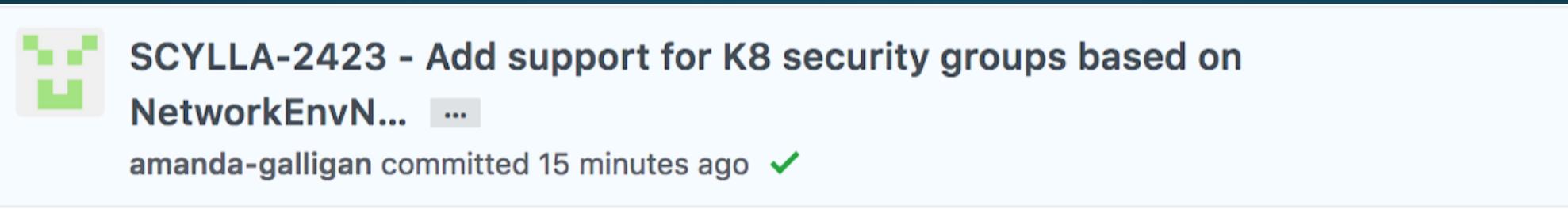


**Barisa Obradovic** 🇮🇪 6:30 PM

[https://\[REDACTED\]/compare/SCYLLA-2423](https://[REDACTED]/compare/SCYLLA-2423)

```
vagrant@box01 ➤ /vagrant/ghe.megaleo/scylla ➤ ↵ SCYLLA-2423 ➤ git --no-pager log -n 1
commit 567e00e51ac82060be70d8b42eb6df4e92b34ee3
Author: amanda.galligan <amanda.galligan@workday.com>
Date:   Tue Aug 29 19:05:43 2017 +0000
```

SCYLLA-2423 – Add support for K8 security groups based on NetworkEnvName variable  
vagrant@box01 ➤ /vagrant/ghe.megaleo/scylla ➤ ↵ SCYLLA-2423 ➤ ↴



A screenshot of a Jenkins dashboard. On the left, there are three links: GitHub, Embeddable Build Status, and GitHub PR. Below these is a "Build History" section. The "Build History" section has a "trend" button with an upward arrow. It features a search bar with the word "find" and an "x" button. A recent build entry is shown: a green checkmark icon next to the issue number "SCYLLA-2423", followed by the PR number "#1322" and the timestamp "Aug 29, 2017 7:07 PM".

My first successful Jenkins build of an AWS stack with merged change to

Commits on Aug 29, 2017



**SCYLLA-2423 - Add support for K8 security groups based on NetworkEnvN...** ...

amanda-galligan committed 22 days ago ✓



**SCYLLA-2423 - Add support for K8 security groups based on NetworkEnvN...** ...

amanda-galligan committed 22 days ago ✓

Commits on Aug 30, 2017



**Merge branch 'master' into SCYLLA-2423**

darren-brogan committed on GitHub Enterprise 21 days ago ✓



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