



The Cloud

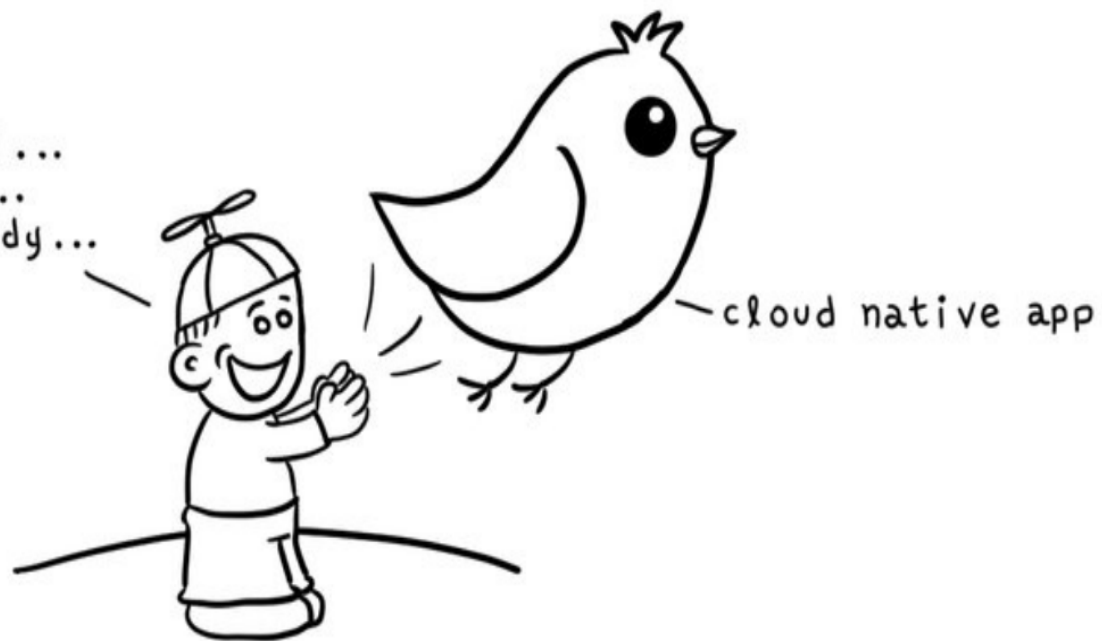
**It's just
someone else's
computer**

Amanda Galligan – Principal Network Engineer @Workday

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

Startups Journey to Cloud

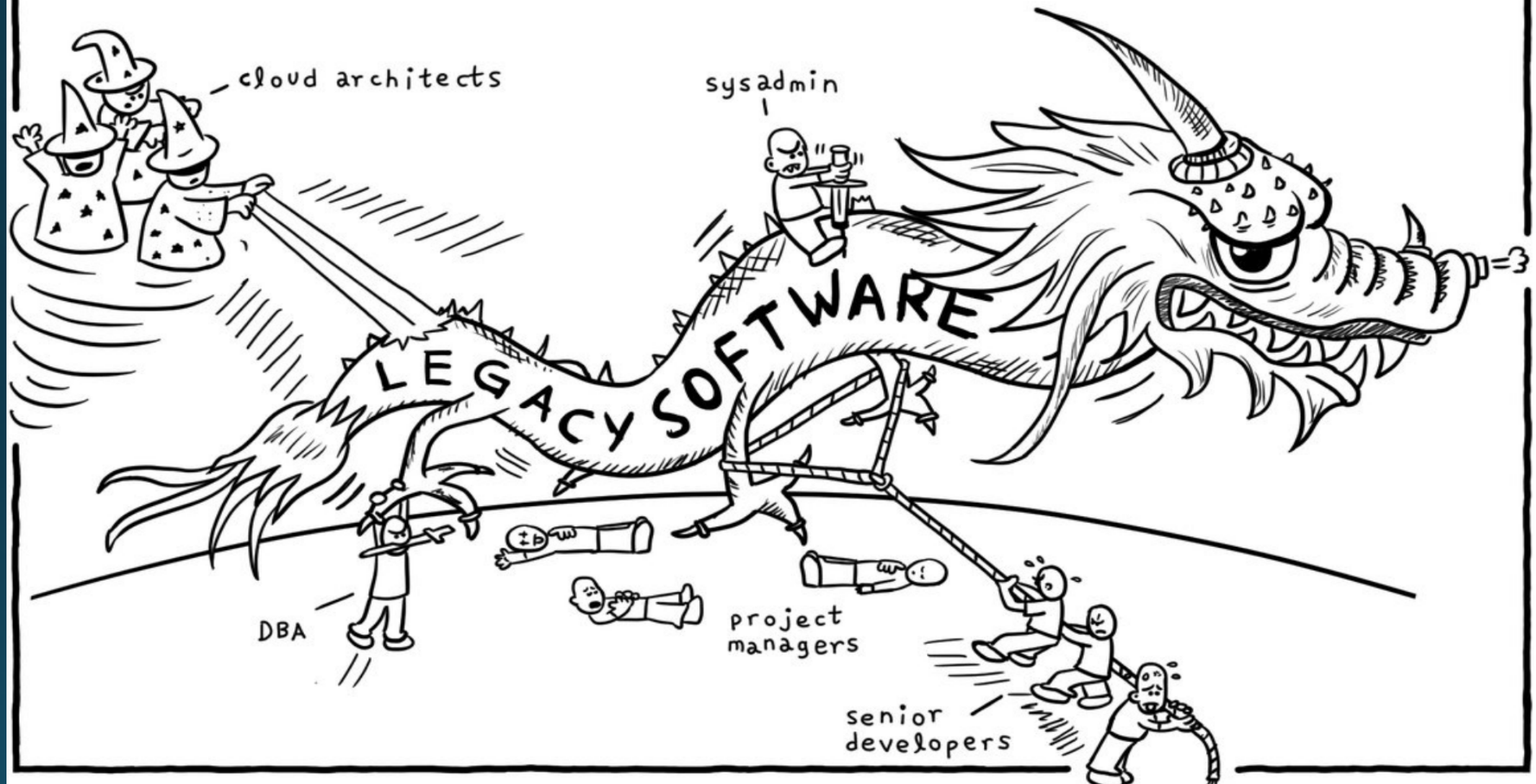
rails scaffold...
heroku deploy...
fly little buddy...



cloud native app

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



D
Ye



Kieran Ryan 5:22 DM

Daily standup



Kieran Ryan 5:34 PM

bridge



Kieran

Bridge



Kieran Ryan 10:15 AM

daily standup starting

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

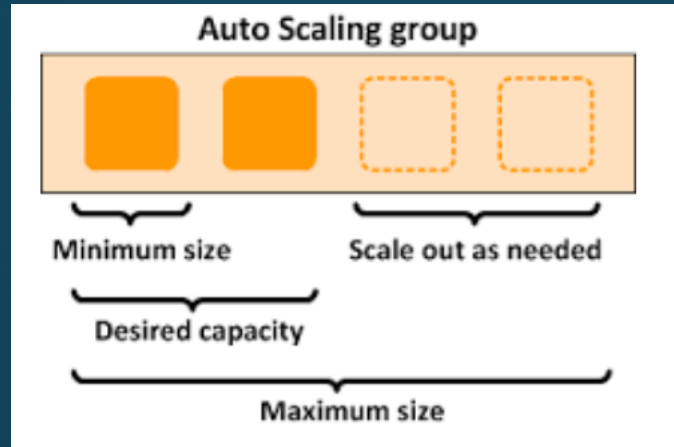
The devs think we can just allow access to everything 0.0.0.0/0 in the production account

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

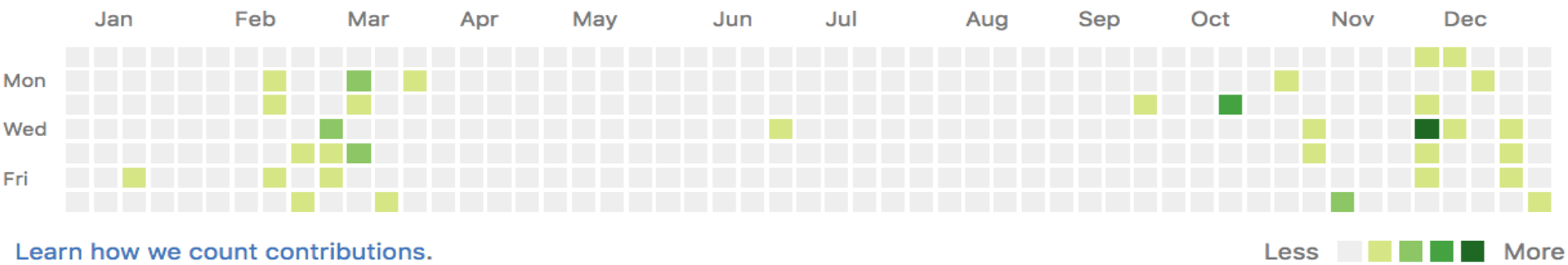
haha I'm gonna google that MPLS 😊

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

I'm actually only half kidding here.

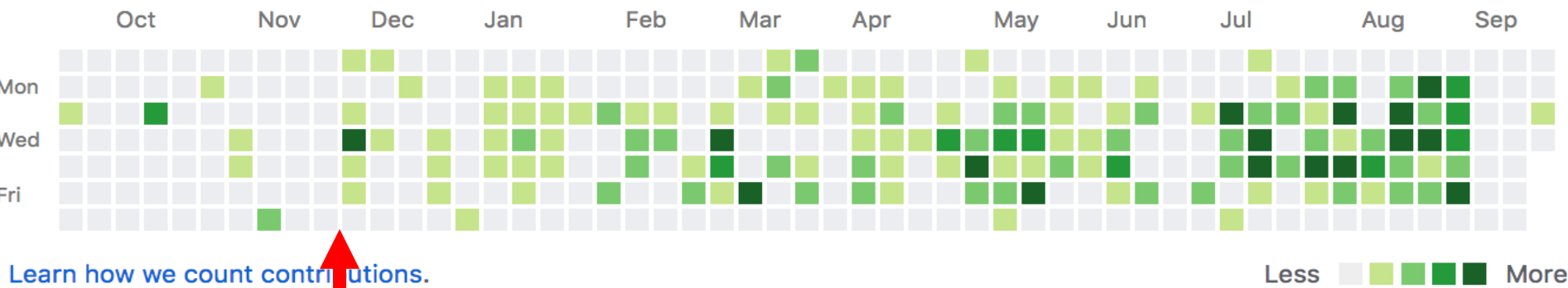
81 contributions in 2016

Contribution settings ▾



602 contributions in the last year

Contribution settings ▾



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 > []
```



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

amanda-galligan committed 15 minutes ago ✓



GitHub



Embeddable Build Status



GitHub PR



Build History

trend ^

x



SCYLLA-2423



#1322

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 ✓



UNTAPPD
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Dog Paw Brewing

Ireland

Nano Brewery

TOTAL
235

MONTHLY
0

UNIQUE
16


YOU
0

(N/A)


91 Ratings



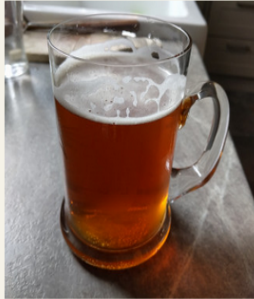


18 Beers

Added 12/26/15



Real Beer for Real People





SEE ALL