sig-aws update
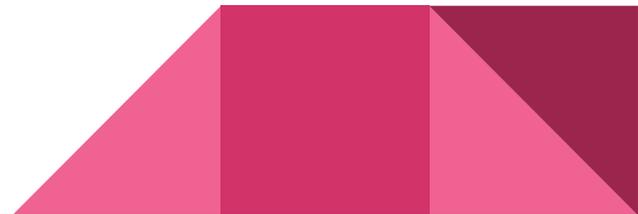
Justin Santa Barbara, Google

Overview

General State of the Sig

Our multi-repo future

Q&A / Open Discussion
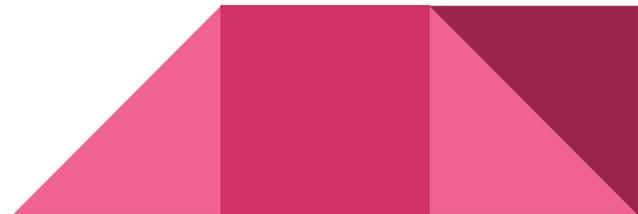
sig-aws leads

Kris Nova, Heptio

Justin Santa Barbara, Google

Bob Wise, AWS

Update: code efforts

Progress in core:

NLB

NVME

Update: code efforts

Lots happening outside of core:

AWS encryption-provider (using AWS KMS for encryption at rest)

AWS authenticator (using AWS IAM for authn)

AWS VPC CNI (CNI provider using ENI)

ALB support

EBS driver support for CSI

Update: cloud-controller-manager

Splitting the cloud-specific code from core kubernetes repo
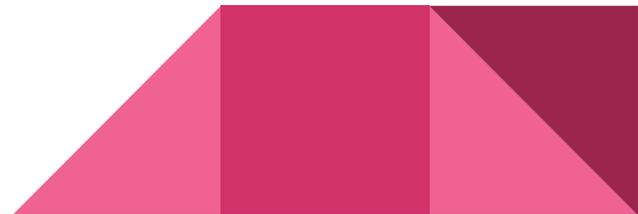
    All clouds (even GCE)

Working group staring the cutover process now

End result:

    Minimal user/operator impact
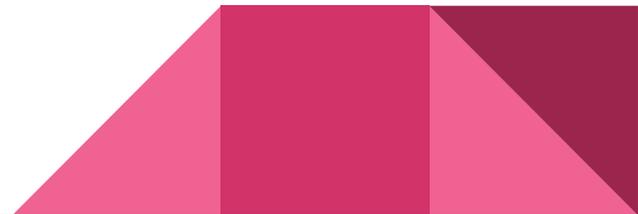
    Healthier project

Update: AWS involvement

Lots of AWS participation

AWS employees contributing to open source & participating in community

Joined CNCF; EKS; Certified Kubernetes

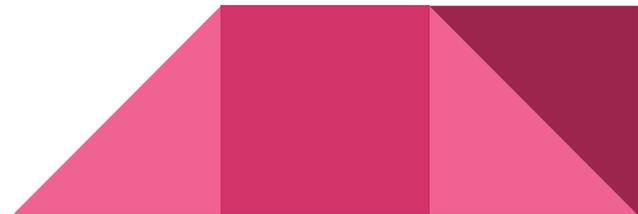Taking leadership role on many efforts

sig-aws organization

Charter

Clearer leadership: likely tech leads & chairs
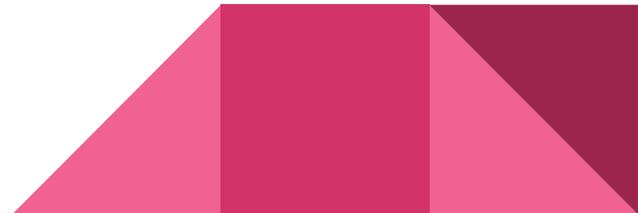
Code ownership

New locations for code

There can now be 3 types of kubernetes projects:

    Core, Sig Repositories, Associated

As well of course as projects that are not "part of" kubernetes at all!

https://github.com/kubernetes/community/blob/master/kubernetes-repositories.md
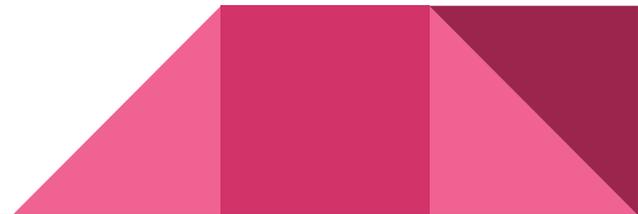
Kubernetes in many repos

Creating a sig-repository (relatively) easy

Faster development outside of core, greater stability in core

Enabled by pluggable APIs in core

Interesting challenges around release process etc
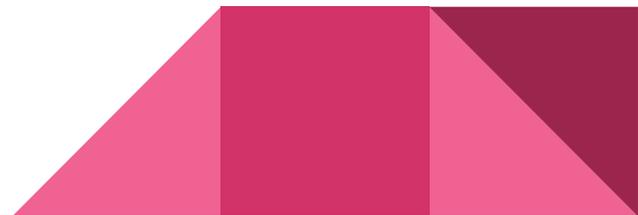
Hack session - tonight

Tonight (Wednesday): 20:20 - 21:40, room C1-M1

For anything AWS or kops, or just come and hang out

Goals:

Get your PR merged!

Face to face design / code discussions

Q & A

&

Discussion