

kOps Office Hours Meeting Notes

This Meeting

- [Zoom Link](#)
- Zoom passcode: 77777
- This Doc:
https://docs.google.com/document/d/12QkyL0FkNbWPcLFxxRGSPt_tNPBHmni3YLY-IHny7E/edit?usp=sharing
- 60 minutes, every other Friday at 9:00am PT
- Based on <http://bit.ly/k8s-sig-meeting-template>

kOps Info

- **Repo:** <https://github.com/kubernetes/kops>
- **README:** <https://github.com/kubernetes/kops/blob/master/README.md>
- **Slack:** [#kops-dev on kubernetes.slack.com](#)
- **Mailing List:** <https://groups.google.com/g/kubernetes-sig-cluster-lifecycle>
- **Youtube Playlist:**
<https://www.youtube.com/playlist?list=PL69nYSiGNLP2NcuGKoAzme6ZtZmrJlsaR>
- **Test Grid:** <https://testgrid.k8s.io/kops>

Month Day, Year (recording)

Host: TBD

Note Taker: TBD

Attendees:

- |

Open Discussion [timebox to N min]:

•

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks

Als for next time

- AI: justinsb to continue schedule component config work
 - <https://github.com/kubernetes/kops/issues/13352>
 - Look into <https://github.com/kubernetes/enhancements/pull/1816/files>
 - Also look at KubeletConfig
- AI: justinsb to delete dependency/dependabot branches

- AI: justinsb to look again at <https://github.com/kubernetes-sigs/boskos/pull/121>
- AI: justinsb to look at DO functionality re [14315](#)
- AI: justinsb to look at <https://github.com/kubernetes/kops/issues/13671>
- AI: see if we need gossip or whether we have direct (context <https://github.com/kubernetes/kops/issues/7436>)
- Justinsb to review: <https://github.com/kubernetes/kops/pull/14333/files> and look closely at merge logic
- [justinsb] Server-Side Apply library / issues
 - Need code to manipulate field manager
 - Trying to get some GKE code OSSed
 - Related (but not the same) code here <https://github.com/kubernetes/kubernetes/pull/111967>
 - Ole will try an old branch that almost worked and send as PR
- Discussion of #14333
 - AI: justinsb to review
- Can we remove branch protection on dependency/ branches to enable them to be deleted
- [Anirudh] [Add support for IBM Cloud](#)#14469

Jul 12, 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - Independent
- Peter Rifel
- Victor Sudakov
-

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)

Open Discussion:

- **Prow job migration (peter):**
 - Almost done - 9 jobs remaining
 - Digital Ocean Credentials ETA next week (should be same account etc)
 - kops-ci bucket - any deadline?
 - Bucket is not owned by community; recommend using k8s-staging-kops
 - No specific deadline
 - justinsb@ to add new prow GCP serviceaccount access to gs://kops-ci
 - (Maybe also look at double-publishing version markers to two buckets)
- **Uptick in CI failures (arnaud)**
 - From: <https://storage.googleapis.com/k8s-metrics/failures-latest.json>
 - Looks to be cilium + rhel8 e.g. <https://testgrid.k8s.io/kops-distro-rhel8#kops-grid-cilium-eni-rhel8-k25>
 - Possibly <https://github.com/kubernetes/kops/issues/16597> ?

Release Plan:

- justinsb@ to release 1.28, 1.29 (and others?) with cherry-picks of golang version bump and calico bump
- 1.30 - time for 1.30.0?
 - Should check recent issues
 - Also cross-check against testgrid
 - Beta.2 pick up golang bump - justinsb if time permits
 - And postpone 1 week
 - Justinsb to add -ko30 jobs to testgrid

1 Aug 2024

Attendees:

Open discussion:

Jun 20, 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware
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Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)

Open Discussion:

- etcd-manager tests are now running, push to staging is blocked for now. See:
 - <https://github.com/kubernetes/k8s.io/pull/6897#issuecomment-2173783028>
 - <https://github.com/kubernetes/k8s.io/issues/3961#issuecomment-2174365397>
 - No longer the case, we have a green run 😊
<https://prow.k8s.io/view/gs/kubernetes-jenkins/logs/etcd-manager-postsubmit-push-to-staging/1803764656074919936>
 - And artifacts:
crane ls
us-central1-docker.pkg.dev/k8s-staging-images/etcd-manager/etcd-manager

Release Plan:

-

May 31, 2024

- Ideas/themes for 1.31

- Cluster-api support
- etcd-manager pre-mounted volumes
- Etcd-manager in new repo
- Leading in to bare-metal support (maybe via proxmox?)
- Support for Oracle cloud?
- Better support for addons e.g. to replace cilium configuration entirely or just change one field
 - Implement kOps tasks via a k8s controller (the “code reuse” issue)
- Issue with Warm Pools
 - Issue is <https://github.com/kubernetes/kops/issues/16582>
- Etcd-manager progress
 - <https://github.com/kubernetes/community/pull/7917>

Release Plan

- 1.30 beta.1

Blockers:

- Jesse’s issue with rolling nodes before control-plane
 - Should be fixed by <https://github.com/kubernetes/kops/pull/16577>
 - justinsb@ to verify (maybe with a test?)
- Investigation/decision on <https://github.com/kubernetes/kops/pull/16583>
- No other known blockers for beta (currently)

Apr 25, 2024

- Release Plan

- Debian 12 issue
 - Justin to get PR passing tests
 - Simplify to just look for /var/run ... rather than reading symlink
See <https://github.com/kubernetes/kops/pull/16495> and cherry-picks
- New go versions?
- Look at new etcd / other components for 1.29
 - Ciprian: aws-csi - <https://github.com/kubernetes/kops/pull/16513>
 - Ciprian: aws-ccm - <https://github.com/kubernetes/kops/pull/16513>
 - Ciprian: Cilium - <https://github.com/kubernetes/kops/pull/16515>
 - Justin: gcp-csi
 - Justin: gcp-ccm (maybe via kustomize or maybe via 1.30)
- Get Ubuntu 24.04 in testing
- 1.28.next
 - Including Debian 12 fix
- 1.29
 - 1.29.0 if not significant etcd etc version bump
 - 1.29.0-beta.2 if there are significant component updates
- 1.30

- Ideally would have an alpha or beta out
- Let's discuss alpha.1 next time?
- Make sure the refactoring is in a good place
 - Assets
 - AWS SDK

May 9, 2024

Apr 19, 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware
- Zakaria
-

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)

Open discussion:

- **DNS Config on Debian12 / Hetzner (Zakaria):** Trying to provision cluster on hetzner, using debian 12 image. A DNS issue. It appears that the debian image on AWS may be unusual.
 - Justin: Is this the systemd-resolved issue, where there is / is not a symlink
 - Ciprian: We have moved to an entirely different file because we need to use the version which isn't using the systemd resolver (because that IP is not valid inside a container)
 - Ciprian: Can you please create an issue, then we can try to reproduce/fix.
- **Issues pulling kube assets from hetzner IPs**
 - Zakaria: Observed some 403 errors when pulling some assets, seemed to be linked to the IP address.
 - Arnaud: 403 is probably just an IP address in a denylist
 - Zakaria: I was able to work around by changing zone, which changed the IP
 - Arnaud/Justin: The IP denylist is pretty deep, not something we can easily work around (that we know of)
 - Ciprian: Similar issue at <https://github.com/kubernetes/kops/issues/16466>
- **Release Plan**
 - Debian 12 issue
 - New go versions?
 - Look at new etcd / other components for 1.29
 - 1.28.next
 - Including Debian 12,
 - 1.29
 - 1.29.0 if not significant etcd etc version bump
 - 1.29.0-beta.2 if there are significant component updates

- 1.30
 - Ideally would have an alpha or beta out
 - Let's discuss alpha.1 next time?
 - Make sure the refactoring is in a good place
 - Assets
 - AWS SDK
 -

11 Apr 2024

Attendees:

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)

Open Discussion:

- Simone: change the cluster spec to allow definition of the network security group/rule
 - Justin: where to set it ?
 - Simone: define it at the security group. Only in the master group at the moment.

5 Apr 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - Datadog
- Arnaud Meukam - VMware

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)

Open discussion:

28 Mar 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
-

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)

Open discussion:

- #sig-cluster-lifecycle proposes moving etcdadm to #sig-etcd
<https://github.com/kubernetes/community/pull/7796#issuecomment-2018177236>

- Arnaud: need help to migrate remaining jobs
 - Upgrades
 - presubmits

8 Mar 2024

Canceled due to a few team members being on holiday!

29 Feb 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware by Broadcom

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)

Open discussion:

- Arnaud: will start some prowjobs migration so we are not impacted by the deadline of Aug 1.

Feb 23, 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog

Open discussion:

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)
- `make depup`, what should we not update?
- GCE Internal LB

Releases

- 1.29

- 1.28, 1.27, 1.26, 1.25
 - Justin will release the next patches
 - 1.25 and 1.26 will be "invisible"

Feb 15, 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware
- Peter Rifel - DataDog

Open discussion:

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)
- **Releases**
- 1.29
 - Let's aim for beta around start of March / before kubecon
 - Blockers (?):
 - NLB Security Groups
 - GCE dns=none / load balancer stuff
 - dns=none docs, including deprecation, & release notes
 - <https://github.com/kubernetes/kops/issues/16024>
- 1.28
 - with containerd fix: Already done
 - CIDR overlap validation fix: TODO?
 - Justin
- 1.27
 - with containerd fix: Already done
 - Justin
- 1.26
 - "Invisible release" - for testing only
 - AWS SDK bump for upgrade testing
 - Justin
- 1.25
 - "Invisible release" - for testing only
 - AWS SDK bump for upgrade testing
 - Justin

9 Feb 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware
- Peter Rifel - DataDog

Open discussion:

- [hakman] Improve validation of PodCIDR and ServiceClusterIPRange
<https://github.com/kubernetes/kops/pull/15623#issuecomment-1936009325>
- [hakman] New release for 1.26 for tests
 - Cherrypick the AWS SDK to releases branches 1.25, 1.26
- [hakman] Upgrade Azure SDK to the latest:
<https://github.com/kubernetes/kops/pull/16286>
 - Thinking about AWS SDK Go v2
- [ameukam] E2E Tests for other cloud providers.
 - Scaleway: <https://github.com/kubernetes/kops/pull/15349/files>
- [justinsb] NLB security groups aka deferred deletion
 - <https://github.com/kubernetes/kops/issues/16276>
 - PRs in this direction:

- <https://github.com/kubernetes/kops/pull/16293>
- <https://github.com/kubernetes/kops/pull/16291>
-

Usual Topics

- [Blocks-next](#)
- [kind/office-hours](#)
- **Releases**
- 1.28
 - with containerd fix: Already done
 - CIDR overlap validation fix: TODO?
 - Justin
- 1.27
 - with containerd fix: Already done
 - Justin
- 1.26
 - “Invisible release” - for testing only
 - AWS SDK bump for upgrade testing
- 1.25
 - “Invisible release” - for testing only
 - AWS SDK bump for upgrade testing
-

1 Feb 2024

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware by Broadcom

Open discussion:

- Justin SB: Restore security groups

26 Jan 2024

Attendees:

- JustinSB
- Cyprian
- Mahamed
- Arnaud

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- Mahamed: Reviewing PRs:
 - <https://github.com/kubernetes/kops/pull/16268>

- <https://github.com/kubernetes/kops/pull/16266>
- Arnaud:
 - containerProxy overwrites the URI for aws-termination-handler: <https://testgrid.k8s.io/sig-k8s-infra-canaries#kops-grid-gcr-mirror-canary>
 - EKS Pod identity is breaking the upgrades tests.

18 Jan 2024

Attendees:

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- Ciprian: Submitted certification for K8s 1.27 and 1.28:
 - <https://github.com/cncf/k8s-conformance/pull/2991>
 - <https://github.com/cncf/k8s-conformance/pull/2990>
- Arnaud: Prowjob migration
 - Having clusters created with dns=none or a private dns zone is ok.

12 Jan 2024

Attendees:

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- Arnaud: It's time (Gandalf's voice):
 - <https://github.com/kubernetes/k8s.io/issues/2625>
 - Sync gs://kops-ci to the new bucket
 - Ensure we have a successful job pushing binaries to the new bucket
 - Ensure version markers are pushed to the new bucket.
 - Replace references of gs://kops-ci with the new bucket.
- Arnaud:
 - Test framework for 1.29
 - Looking for guidance on how a k8s release is included when released.
 - Oldest version: 1.24
 - Oldest support version: 1.26
 - <https://kops.sigs.k8s.io/welcome/releases/>
 - https://github.com/kubernetes/kops/blob/2b1b1d09525087fc0b3e0641cba81eb36e15bbf0/upup/pkg/fi/cloudup/apply_cluster.go#L83-L86
 - Jobs per release branch?
- Arnaud:
 - Need help with the build script:

Jan 4, 2024

Attendees:

- Peter Rifel - DataDog
- Justin SB - Google
- Arnaud Meukam - VMware by Broadcom

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- Arnaud: testing failure with the prowjob sandbox:
<https://github.com/kubernetes/kops/issues/16218>
- Prowjob migration:
 - Use scenario for testing: *kops-aws-cni-calico-deb11*

Dec 29, 2023

No meeting today due to New Year's Holiday (observed) - we will resume in 2024!

Dec 21, 2023

Attendees:

- Peter Rifel - DataDog
- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware by Broadcom
- Mahamed Ali - Cisco

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- Mahamed: Working on running scale tests on GCP
 - <https://github.com/kubernetes/kops/pull/16181>
 - Currently scalability frontiers:
 - Kops validate is pretty expensive in terms of API calls
 - Kops controller may be expensive in terms of API calls (but not seen right now)
- Arnaud: job migration:
 - Public hosted zone:
<https://github.com/kubernetes/kops/blob/master/tests/e2e/kubetest2-kops/deployer/common.go#L272>
 - Option 1: use an env variable (Recommended)
 - Option 2: all tests creates clusters with a private dns
 - Option 3: dns=none

Releases

1.28.2 - in progress with golang version bump

1.29.0-alpha.3 - in progress (early) with golang version bump

15 Dec 2023

Attendees:

- Peter Rifel - DataDog
- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware by Broadcom

- John Gardiner Myers - Proofpoint

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- Arnaud: KOps prowjobs to k8s-infra: <https://github.com/kubernetes/k8s.io/issues/5127>
 - Testing migration with <https://testgrid.k8s.io/sig-k8s-infra-canaries#ci-aws-kops-eks-pod-identity-sandbo>
[X](#)
- Arnaud: process to add a component (crossplane)

Releases

TODO: 1.28.2 with golang version bump

1.29.0-alpha.3 with golang version bump

7 Dec 2023

Attendees:

- Peter Rifel - DataDog
- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware by Broadcom

Open discussion:

- Golang 1.21.5 with CVE fixes
 - Releases for 1.26, 1.27, 1.28
- EKS Pod identity
 - <https://docs.aws.amazon.com/eks/latest/userguide/pod-identities.html>
 - Test job:
 - <https://testgrid.k8s.io/sig-k8s-infra-canaries#ci-aws-kops-eks-pod-identity-sandbox>

Dec 1, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog
- Mahamed Ali - Cisco
- John Gardiner Myers - Proofpoint
- Matt Morrison - Ditto

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- [mahamed] <https://github.com/kubernetes/kops/pull/16096>
- [matt] <https://github.com/kubernetes/kops/pull/16050>
-

Releases

Didn't see anything critical, plan is to review after 1.21.5 release on tuesday

Nov 17, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- [Peter] Many failing jobs: <https://storage.googleapis.com/k8s-metrics/failures-latest.json>
 - Remove k8s 1.24 jobs
 - Remove kops 1.26 jobs except upgrades, which shouldn't use markers
-

Releases

- 1.29
 - Thank you to ciprian for doing 1.29.0-alpha.2
 - [Commits since last release](#)
- 1.28
 -
 - No changes on 1.28 branch
 - Thank you to ciprian for doing 1.28.1 release
 - Blockers:
 -
 - [Commits since last release](#)
- 1.27
 - No changes on 1.27
 - Thank you to ciprian for doing 1.27.2 release
 -
 -
 - Blockers:
 -
 - Cherry-picks:
 -
 - [Commits since last release](#)

Nov 3, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Daniel Tripp

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)

-

Releases

- 1.28.1
 - We will do a release, want to bump go versions first
 - Blockers:
 -
 - [Commits since last release](#)
- 1.27
 - We will do a release, want to bump go versions first
 -
 - Blockers:
 -
 - Cherry-picks:
 -
 - [Commits since last release](#)

20 Oct 2023

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Matt Morrison - Ditto Live

Open discussion:

- [Blocks-next](#)
- [kind/office-hours](#)
- [mahamed] <https://github.com/kubernetes/kops/pull/16018>
- [sl1pm4t] - GCP: Workload Identity
 - Relevant:
<https://github.com/pfnet-research/gcp-workload-identity-federation-webhook>

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Releases

- 1.28.1
 - We will do a release, want to bump go versions first
 - Blockers:
 -
 - [Commits since last release](#)
- 1.27
 - We will do a release, want to bump go versions first
 -
 - Blockers:
 -
 - Cherry-picks:
 -

- [Commits since last release](#)

12 Oct 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Mahamed Ali - Cisco
- Peter Rifel - DataDog

Open discussion:

- [hakman] Justin to fill out the [SIG survey](#) for kOps and etcdadm
- [mahamed] <https://github.com/kubernetes/kops/pull/16018>
- [Blocks-next](#)
- [kind/office-hours](#)

Releases

- 1.28.1
 -
 - Blockers:
 -
 - [Commits since last release](#)
- 1.27
 - Next is
 - Blockers:
 -
 - Cherry-picks:
 -
 - [Commits since last release](#)

6 Oct 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- John Gardiner Myers - Proofpoint
- Mahamed Ali - Cisco

Open discussion:

- [hakman] Justin to fill out the [SIG survey](#) for kOps and etcdadm
- [hakman] delete addon-manager test [kubernetes/#120977](#) (DONE)
- [mahamed] delete the kubeup firewall rules test [kubernetes/#120968](#)
- [mahamed]
 - Staging Buckets for GCE changes:

- <https://github.com/kubernetes/test-infra/pull/30969>
- <https://github.com/kubernetes/kops/pull/15981>
- GCP Kubelet Cred Provider
 - <https://github.com/kubernetes/kops/pull/15974> I addressed all the outstanding comments
- GCP CCM bugs
 - <https://testgrid.k8s.io/sig-cluster-lifecycle-kubeup-to-kops#ci-kubernetes-e2e-cos-gce-slow-canary> and
- Serial tests are broken
 - :(<https://testgrid.k8s.io/sig-cluster-lifecycle-kubeup-to-kops#ci-kubernetes-e2e-cos-gce-serial-canary>)
- [johnmyers] AWS NLB new features [#15986](#) [#15993](#)
- [Blocks-next](#)
- [kind/office-hours](#)

Releases

- 1.28.1
 -
 - Blockers:
 -
 - [Commits since last release](#)
- 1.27
 - Next is
 - Blockers:
 -
 - Cherry-picks:
 -
 - [Commits since last release](#)

22 Sept 2023

Attendees:

- John Gardiner Myers - Proofpoint
- Mahamed Ali - Cisco
- Justin SB - Google

Open discussion:

- [mahamed] <https://github.com/kubernetes/test-infra/pull/30774>
 - cos on GCE occasionally fails to bootstrap a cluster because of mismatched hashes
 - KubeletCredentialProvider for GCE needs to be configured. Cause of failure for <https://testgrid.k8s.io/kops-gce#kops-gce-latest>
 - Unable to enable AllAlpha feature gates, should be able to demonstrate publicly in prow when 30774 PR is merged
 - KEP to replace kube-up clusters with kops clusters, <https://github.com/kubernetes/enhancements/issues/4224>

- [hakman] why does kOps have 2 post-submit jobs?
 - <https://prow.k8s.io/job-history/gs/kubernetes-jenkins/logs/kops-postsubmit-push-to-staging> - <gs://k8s-staging-kops/kops/releases/>
 - <https://prow.k8s.io/job-history/gs/kubernetes-jenkins/logs/kops-postsubmit> - `UPLOAD_DEST=gs://k8s-release-dev/kops/ci`
- [hakman] tests for Cilium ENI (IPAM) and Karpenter
- [blocks-next](#)
- [kind/office-hours](#)

14 Sept 2023

Attendees:

- Arnaud Meukam (vmware)
- Justin SB (Google)
- Mahamed Ali (Cisco)
- Ciprian Hacman - (Microsoft)
- Peter Rifel - DataDog

Open discussion:

- [Arnaud] cleanup aws accounts to kops:
<https://github.com/kubernetes/kops/issues/15912>
- [mahamed] <https://github.com/kubernetes/kubernetes/pull/120628>
- [blocks-next](#)
- [kind/office-hours](#)

Sep 8, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Mahamed Ali - Cisco
- John Gardiner Myers - Proofpoint
- Jonathan Innis - AWS
- Shawn Sorichetti - ZipRecruiter

Open Discussion:

1. [blocks-next](#)
2. [kind/office-hours](#)

3. Discuss Karpenter support for managed launch templates
 - a. <https://github.com/aws/karpenter/issues/4431>
 - b. Background from original integration:
<https://github.com/aws/karpenter/issues/907>
 - c.
4. [mahamed] Using kops to run kubernetes/kubernetes e2e testing
 - a. Part of <https://github.com/kubernetes/kubernetes/issues/78995>
 - b. kops is a great candidate for creating clusters on GCE for e2e testing. However it has some bugs that need to be fixed
 - c. The plan is to get arm64 e2e testing working reliably with kops and then migrate the existing amd64 tests that run today via kubetest and kubetest2 to use kops
 - d. <https://kubernetes.slack.com/archives/C8MKE2G5P/p1693953725517399>
 - e. arm64 blockers
 - i. GCP CCM image isn't published online at all, and no arm64 images are available
 - ii. gcp-pd-csi-driver doesn't have an arm64 image
 - iii. Metadata-proxy is also not available as arm64, I have an open PR to skip deploying that via kops
 - iv. There are bugs/missing features in the kubetest2-kops deployer
 1. Errors out if you are running the e2e test from an ipv6 network
 - a. Got a fix for that but go needs to be upgraded to 1.21
 2. Cant run the deployer on a M1 mac because it fetches kops from the ci bucket and we don't publish darwin binaries there
 3. Missing kube-features-gates flag to set KUBE_FEATURES_GATES for all components
 4. Does spec.kubelet|kubeAPIServer.featureGates accept random dict objects?

Releases

Aug 25, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog
- John Gardiner Myers - Proofpoint

Open Discussion:

- [blocks-next](#)
- [kind/office-hours](#)

- From last time:
 - Gossip appears to be working now on DO and OpenStack
 - Possibility of link between Cilium PR around node status / annotations and the failing gce-leader-election test
 - Failing test:
 - <https://prow.k8s.io/view/gs/kubernetes-jenkins/logs/e2e-kops-gce-leader-migration/1689997211384942592>
 - Nodes with NetworkUnavailable:
 - <https://storage.googleapis.com/kubernetes-jenkins/logs/e2e-kops-gce-leader-migration/1689997211384942592/artifacts/cluster-info/nodes.yaml>

Releases

- 1.28 (beta)
 - Time for beta.1
 - Aiming for a quicker release of 1.28.0 (a few weeks)
 - Blockers for 1.28.0:
 - ✓ GCE multiple cluster fix
 - ✓ OpenStack/DO in gossip mode should work
 - GCE Autoscaler fix?
 - Message about Node-Termination Handler Hook
 - <https://github.com/kubernetes/kops/pull/15752>
 - Bumps
 - go
 - containerd
 - [Commits since last release](#)
- 1.27
 - Next is 1.27.1
 - Blockers:
 - ✓ GCE multiple cluster fix
 - ✓ Backport control-plane-count flag (also to 1.26)
 - ✓ OpenStack/DO in gossip mode should work
 - Cherry-picks:
 - DO Gossip fix.
 - [Commits since last release](#)
- 1.26
 - Probably not, as we are so close to 1.28 and not much in 1.26
 - Blockers:
 - Backport gossip fix for DO?
 - [Commits since last release](#)

Aug 11, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog
- John Gardiner Myers - Proofpoint

Open Discussion:

- [blocks-next](#)
- [kind/office-hours](#)
- justinsb to continue to look at AIs from last time.
 - Especially john's CIDR PR :-)
- Possibility of link between Cilium PR around node status / annotations and the failing gce-leader-election test
 - Failing test:
<https://prow.k8s.io/view/gs/kubernetes-jenkins/logs/e2e-kops-gce-leader-migration/1689997211384942592>
 - Nodes with NetworkUnavailable:
<https://storage.googleapis.com/kubernetes-jenkins/logs/e2e-kops-gce-leader-migration/1689997211384942592/artifacts/cluster-info/nodes.yaml>
-

Releases

- 1.27
 - Next is 1.27.1
 - Blockers:
 - GCE multiple cluster fix
 - Backport control-plane-count flag (also to 1.26)
 - OpenStack/DO in gossip mode should work
 - [Commits since last release](#)
- 1.26
 - Nothing new, no plans for 1.26.6 at the moment
 - [Commits since last release](#)

Aug 3, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog
- Arnaud Meukam - VMware

Open Discussion:

- Peter: Broken leader migration test from k8s 1.23 -> k8s 1.24, Network remains unavailable on nodes
 - <https://testgrid.k8s.io/kops-gce#kops-leader-migration>
 - Possibly broken support for 1.23 or KCM (without CCM), not yet deprecated
 - justinsb@ to look - it looks like just bringing up a 1.23 k8s cluster with latest kOps + cilium + gce will fail similarly
- Arnaud: move GCE E2E tests to k8s-infra.
 - We should specify cluster: k8s-infra-prow-build
 - Looking at "k8s-kops-test" GCP SA.
- Gossip broken on Openstack/DO:
 - <https://testgrid.k8s.io/kops-misc#e2e-kops-do-calico-gossip>
 - Should remove hacks for discovery from GCE, so we can be consistent
- We should review all usages of NonMasqueradeCIDR vs ClusterCIDR vs PodCIDR etc
 - <https://github.com/kubernetes/kops/pull/15670/commits/11069febb10e44a09041b6ee69a7119636a90be3>
- Justinsb to look at permission of GCE ServiceAccount and share with arnaud to facilitate moving to community infrastructure

Releases

- 1.27
 - Next is 1.27.1
 - Blockers:
 - GCE multiple cluster fix
 - Backport control-plane-count flag (also to 1.26)
 - OpenStack/DO in gossip mode should work
 - [Commits since last release](#)
- 1.26
 - Nothing new, no plans for 1.26.6 at the moment
 - [Commits since last release](#)
 -

Jul 28, 2023

Attendees:

- John Gardiner Myers - Proofpoint
- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- Config for S3: env vs viper
- GCE multiple clusters regression
- Should link to v1alpha2 in docs

- e2e
 - Upgrade-AB tests - need to switch to old flag for control-plane-size (and backport)
 - WarmPool e2e
 - kOps DO Calico FQDN
 - <https://testgrid.k8s.io/kops-misc#e2e-kops-do-calico-fqdn>
- Regression for Gossip (with OpenStack)
 - <https://github.com/kubernetes/kops/issues/15684>

Releases

- 1.27
 - Next is 1.27.1
 - Blockers:
 - GCE multiple cluster fix
 - Backport control-plane-count flag (also to 1.26)
 - [Commits since last release](#)
- 1.26
 - Nothing new, no plans for 1.26.6 at the moment
 - [Commits since last release](#)

Jul 14, 2023

Attendees:

- John Gardiner Myers - Proofpoint
- Justin SB - Google
- Ciprian Hacman - Microsoft

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- [johngmyers] deprecate legacy Gossip?
 - Look into DNS-controller change to send gossip worker nodes to the load balancer, so we can migrate legacy gossip clusters to dns-none.
- [johngmyers] announce deprecation of Canal, Flannel, and Kube-Router?
 - Decision: deprecate in 1.27, prevent use with k8s 1.28+
- [justinsb] summary of pre-discussion re direction of node config
 - justin would like eventually to get to a task representation with a “dumb” nodeup
 - john would like to make sure that rolling-update is accurate in choosing node roles to update
 - Two approaches not incompatible with each other

Releases

- 1.27
 - Next is 1.27.0
 - Blockers:
 - control-plane vs master (justin)
 - Deprecation notice to be added (john)

- [Commits since last release](#)
- 1.26
 - Nothing new, no plans for 1.26.5 at the moment

[Commits since last release](#)

Jul 6, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Peter Rifel - DataDog

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
-

Releases

- 1.27
 - Next is 1.27.0
 - [Commits since last release](#)
- 1.26
 - Nothing new, no plans for 1.26.5 at the moment
 - [Commits since last release](#)

Jun 30, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware
- John Myers
- Prateek Gogia - AWS

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- Boskos: Arnaud will try to look at creating a new EKS cluster with a prow & boskos where we can upload credentials
- [Prateek] Scale testing (5k nodes) with kops in AWS
- [Prateek] configuring the existing prow jobs to run in AWS accounts with increased limits

Releases

- 1.27
 - Next is 1.27.0-beta.3 - once the etcd-manager reverts are merged
 - [Commits since last release](#)

- 1.26
 - Nothing new, no plans for 1.26.5 at the moment
 - [Commits since last release](#)
-

Jun 22, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- Arnaud: Filter account type in kubetest-kops
 - Justinsb to take a look at the “basic” boskos integration, where we use static credentials and we don’t keep it alive beyond a single invocation of kubetest2-kops (i.e. won’t work for scenarios which split up and down)
 - Also need to add flags to filter aws account type and specify the account name

Releases

- 1.27
 - 1.27.0-beta.2 Done - thanks hakman
 - [Commits since last release](#)
- 1.26
 - 1.26.4 Done - thanks hakman
 - [Commits since last release](#)
-

Jun 16, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- [hakman] etcd-manager

Releases

- 1.27
 - Do beta
 -
 - Blockers:
 - ~~(#15354 is not a blocker as already in 1.26)~~
 - Verify fix for #14510

- Justinsb to verify
 - We should update containerd to v1.7.2:
 - <https://github.com/kubernetes/kops/pull/15507>
 - Justinsb (or anyone) to merge
 - Also <https://github.com/kubernetes/kops/pull/15506> (pause)
 - Justinsb (or anyone) to merge
 - Justinsb (and anyone else that wants to) to review scaleway PRs
- 1.26
 - Should do 1.26.4, we want the kubeconfig TLS fix
 - Blockers:
 - Merge debian fix
 - Merge go update
 - [Commits since last release](#)
-

Jun 8, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- John Myers

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
-

Jun 2, 2023

Canceled - many people on summer holiday.

May 19th, 2023

Attendees:

- Justin SB - Google
- Ciprian
- John

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- john: cilium upgrade?
 - Agreed not to update for the imminent 1.27 alpha
 - John might want to update before/at 1.27 beta & that's OK if so - up to John

- Runc 1.1.7
 - 1.1.7 adds a cgroup, requires a patch to kubernetes, backported to some minor versions of 1.24 onwards (but not 1.23)
 - Not immediately needed, but we need to get on the release track for any future CVEs etc
 - Plan: release alpha, fast-follow with merging #15375 to gain some CI signal
- Ubuntu 22.04
 - We have test coverage, it uses cgroups v2 which avoids the runc issue, have observed other big clouds using ubuntu 22.04 so we aren't the first to adopt cgroups v2
 - Plan: Let's switch the default to ubuntu 22.04 for k8s 1.27
- Removing obsolete etcd version
 - Plan: release alpha, fast-follow with merging #15112 to gain some CI signal

●

Recurring Topics [timebox to N min]:

- 1.27
 - Next alpha asap, lots of fast-follow PRs to merge afterwards
 - Blockers:
 - (#15354 is not a blocker as already in 1.26)
 - Verify fix for #14510
 - Next alpha to be started by hakman, justin to approve and do final stages tomorrow
- 1.26
 - A few blockers, will do next release likely in two weeks or so together with beta for 1.27
 - Blockers:
 - Fix #15354
 - Fix #14510
 - Address #15296
 - Address #15264
 - [Commits since last release](#)
- 1.25
 - No plans to do another 1.25 release at the moment

May 11th, 2023

Attendees:

- Justin
- Ciprian
- Peter
- Sunil
- Yash

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
-

May 5th, 2023

Attendees:

- Justin
- Ciprian
- Peter
- John Gardiner Myers - Proofpoint

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
-

April 13th, 2023

Attendees:

- Arnaud
- Ole Markus
- Justin
- Ciprian
- Peter

Open Discussion:

Arnaud:

- Move the new AWS account
 - Create a new account
 - Create a Route53 domain
 - Create a new S3
-

Apr 7th, 2023

Attendees:

- Justin SB - Google
- Steven Harris - Coinbase
- Ciprian Hacman - Microsoft
-

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)

- kOps [issue 15296](#)

Mar 30th, 2023

Attendees:

- Justin SB - Google
-

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
-

Mar 24th, 2023

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
-

Mar 16th, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Arnaud Meukam - VMware

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- <https://github.com/kubernetes/k8s.io/issues/4913>
- Stefan: <https://github.com/kubernetes/kops/pull/15165>
- Arnaud: (wrong place ?) <https://github.com/kubernetes/cloud-provider-gcp/pull/487>
-

Releases - yes. Justinsb would like to get GCP fixes backported.

Mar 10th, 2023

Lots of people are OOO, no agenda, canceling...

1.26.2 is available (particularly recommended for GCP) - thanks hakman!

Mar 2nd, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- Sunil Poonia
- Arnaud Meukam

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
- Discussion of k8s.gcr.io and how to move people to new images
- Testing with cloud-provider-gcp looks good; 3 bug fixes needed
 - We need a non-masquerade CIDR for nodeports
 - Maybe we can do better if it's only for nodeport, but probably consistency wins here
 - We need to open the kube-apiserver to pod cidrs
 - We need to stop GCP CCM configuring the cloud routes
- Releases - yes. Justinsb would like to get GCP fixes backported.

Feb 24th, 2023

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - Microsoft

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)
-

Feb 16th, 2023

Attendees:

- Justin SB - Google
- Arnaud Meukam - VMware

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)

Feb 10th, 2023

Attendees:

- Justin SB - Google

-

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [kind/office-hours](#)

Feb 2th, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
-

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [hakman] [etcdadm/#348](#) Restart the server using the recommended etcd version
- [kind/office-hours](#)

Jan 27th, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman - Microsoft
- John Gardiner Myers - Proofpoint
-

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [hakman] etcd-manager PRs and improvements, any update?
 - Known unfixed bug with kubelet + static pods:
<https://github.com/kubernetes/kubernetes/issues/109596>
 - => should
- [johngmyers] cilium-eni e2e failures
 - <https://storage.googleapis.com/k8s-triage/index.html?job=kops>
- [kind/office-hours](#)

Recurring Topics [timebox to N min]:

- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

Jan19th, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman
- John Gardiner Myers - Proofpoint
- Peter Rifel

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [Arnaud] Migrating AWS tests to new organization [k8s.io#4626](#)
- [hakman] etcd-manager PRs and improvements, any update?
 - Known unfixed bug with kubelet + static pods:
<https://github.com/kubernetes/kubernetes/issues/109596>
 - => should
- [kind/office-hours](#)

Recurring Topics [timebox to N min]:

- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

Jan13th, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman
- John Gardiner Myers - Proofpoint

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [hakman] etcd-manager PRs and improvements, any update?
 - Known unfixed bug with kubelet + static pods:
<https://github.com/kubernetes/kubernetes/issues/109596>
 - => should
- [Arnaud] Migrating AWS tests to new organization [k8s.io#4626](#)
- [kind/office-hours](#)

Recurring Topics [timebox to N min]:

- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

Jan 5th, 2023

Attendees:

- Justin SB - Google
- Ciprian Hacman
- John Gardiner Myers
- Peter Rifel
- Ole Markus

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [hakman] why keep building etcd-backup and etcd-dump images?
- [hakman] [etcdadm/#348](#) etcd-manager re-start with recommended etcd version
- [hakman] [etcdadm/#350](#) etcd-manager remove unused versions of etcd 3.5.x
- [kind/office-hours](#)

Recurring Topics [timebox to N min]:

- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

December 30th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman
- John Gardiner Myers

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [hakman] why keep building etcd-backup and etcd-dump images?
- [hakman] [etcdadm/#348](#) etcd-manager re-start with recommended etcd version
- [hakman] [etcdadm/#350](#) etcd-manager remove unused versions of etcd 3.5.x
- [kind/office-hours](#)

Recurring Topics [timebox to N min]:

- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

December 16th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [hakman] why keep building etcd-backup and etcd-dump images?
- [hakman] [etcdadm/#348](#) etcd-manager re-start with recommended etcd version
- [hakman] [etcdadm/#350](#) etcd-manager remove unused versions of etcd 3.5.x
- [kind/office-hours](#)
-

Recurring Topics [timebox to N min]:

- 1.24
 - [Commits since last release](#)
- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

December 8th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly
- John Gardiner Myers - Proofpoint

Open Discussion [timebox to N min]:

- [blocks-next](#)
- [hakman] [k/k/#114093](#) k/k moved to etcd 3.5.6 - new etcd-manager release?
- [hakman] [etcdadm/#349](#) etcd-manager code cleanup
- [hakman] [etcdadm/#348](#) etcd-manager start with recommended etcd version
- [hakman] [etcdadm/#350](#) etcd-manager remove unused versions of etcd 3.5.x
- [johngmyers] CNI support states
- [kind/office-hours](#)
-

Recurring Topics [timebox to N min]:

- 1.24
 - [Commits since last release](#)
- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

December 2nd, 2022

Attendees:

- John Gardiner Myers - Proofpoint
- Justin SB - Google
- Ciprian Hacman - polypoly

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- [hakman] Some small GCE/GCP [PRs for review](#)
- [hakman] k/k moved to etcd 3.5.6 - [k/k/#114093](#)

Recurring Topics [timebox to N min]:

- 1.24
 - [Commits since last release](#)
- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

November 18th, 2022

Attendees:

- John Gardiner Myers, Proofpoint
- Ciprian Hacman, polypoly
- Justin Santa Barbara, Google
- Peter Rifel, Datadog

Open Discussion [timebox to N min]:

- Cilium fails conformance I think? [Known issue](#)
- [johngmyers] IPv6 status
 - Declare beta?
 - What is needed to declare stable?
- [johngmyers] Several deprecations got dropped from the release notes in 1.25
 - Legacy addons
 - CloudFormation
 - `node-role.kubernetes.io/master` and `kubernetes.io/role` labels
- [johngmyers] Remove CloudFormation support?
- [johngmyers] e2e test changes
 - Moving to ARM
 - Extending IPv6 coverage
 - Naming inconsistency / quirks
 - Scenario tests are “-grid-scenario” but not in the grid
 - Omit “-aws” or not?
 - Grid tests should include, others omit
 - “-e2e” is redundant
 - “-misc”
 - Ordering of cloud, cni, address-family, distro, arch
 - Try to follow what’s in the main grid
 - K8s stable vs. ci. presubmits default to stable, periodics default to ci.

- But several periodics use stable: misc-ha-euwest1, misc-updown distros, cnis, upgrades
- [hakman] - [#14592](#) Generics for fi.Bool/Float/Int/String*()
- [hakman] - [#14577](#) Add option for setting Kubernetes feature gates
-

November 10th, 2022

Attendees:

- John Gardiner Myers, Proofpoint
- Ciprian Hacman, polypoly
- Justin Santa Barbara, Google
-

Open Discussion [timebox to N min]:

-

November 4th, 2022

Attendees:

- John Gardiner Myers, Proofpoint
- Ciprian Hacman, polypoly
- Justin Santa Barbara, Google
-

Open Discussion [timebox to N min]:

- Arnaud: <https://github.com/kubernetes/test-infra/issues/27896>
- Arnaud: <https://github.com/kubernetes/org/issues/3809>
-

October 27th, 2022

Canceled due to KubeCon NA 2022

October 21st, 2022

Attendees:

- Ciprian Hacman, polypoly
- Justin Santa Barbara, Google

October 13th, 2022

Attendees:

- Ciprian Hacman, polyoly

- Justin Santa Barbara, Google
- Ole Markus With
- Peter Rifel
- Zakaria Amine

Review Action Items from last time:

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)

Recurring Topics [timebox to N min]:

- 1.24
 - [Commits since last release](#)
- 1.25
 - [Commits since last release](#)
- 1.26
 - [Commits since last release](#)

October 7th, 2022

Attendees:

- Justin Santa Barbara, Google
- John Gardiner Myers, Proofpoint
- Ciprian Hacman, polyoly

Review Action Items from last time:

Some progress on SSA and a little on gossip, nothing closed out yet.

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 - Calico issue <https://github.com/kubernetes/kops/issues/14363>
 - Q: Is e2e failing?
 - Maybe OS version specific, also not sure if ipset is the default
 - Ciprian to have a look
 - Get-keypairs PR <https://github.com/kubernetes/kops/pull/14370/files>
 - Justinsb & john to have a look
 - CLI only, so not as risky as might first appear
 - We should then cherry-pick to 1.24 / 1.25
 - Default to NLB instead of CLB <https://github.com/kubernetes/kops/issues/14376>
 - Agreed that we would default new clusters on main branch to NLB
 - For migration, it should work but we should consider old patch to clean up CLB - but previously not considered worth it
 - Can maybe use the newer “Cleanup lifecycle”
 - Or can say “have to manually remove old CLB”

-
- [Blocks-next](#)
- [#14360](#) - Yandex Cloud
- [#14359](#) - hetzner: Cluster without DNS or Gossip
-

Recurring Topics [timebox to N min]:

- 1.24
 - [Commits since last release](#)
 -
- 1.25
 - [Commits since last release](#)
 -

September 29th, 2022

Attendees:

-

Review Action Items from last time:

- Misc topics from last time
 - AI: justinsb to delete dependency/dependabot branches
 - AI: justinsb to look again at <https://github.com/kubernetes-sigs/boskos/pull/121>
 - AI: justinsb to look at DO functionality re [14315](#)
 - AI: justinsb to look at <https://github.com/kubernetes/kops/issues/13671>
 - AI: see if we need gossip or whether we have direct (context <https://github.com/kubernetes/kops/issues/7436>)
 - AI: justinsb to see if he can add milestone for 1.26 <https://github.com/kubernetes/test-infra/pull/27480>
 - DONE: <https://github.com/kubernetes/kops/milestone/35>
 - Justinsb to review: <https://github.com/kubernetes/kops/pull/14333/files> and look closely at merge logic
 -

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- Discussion of #14333
 - AI: justinsb to review

Recurring Topics [timebox to N min]:

- 1.24
 - [Commits since last release](#)
- 1.25
 - [Commits since last release](#)
 - 1.25.1 - Released

September 23rd, 2022

Attendees:

-

Review Action Items from last time:

- Misc topics from last time
 - [justinsb] Server-Side Apply library / issues
 - Need code to manipulate field manager
 - Trying to get some GKE code OSSed
 - Related (but not the same) code here
<https://github.com/kubernetes/kubernetes/pull/111967>
 - Ole will try an old branch that almost worked and send as PR
 - [hakman] Automatically [delete branches](#) after merging them - DONE
 - Done - we will gather any feedback!
 - May only apply to dependabot, not users etc
 - Doesn't appear to work as hoped
 - <https://github.com/kubernetes-sigs/boskos/pull/121>

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- [Arnaud] Make artifacts.k8s.io regional:
 - GCS bucket used is currently global. With incoming GCS bucket pricing change, we may want to make it regional to minimize cost increase:
<https://cloud.google.com/storage/pricing-announce#network>
- [hakman] [#14315](#) - kOps stores Digital Ocean keys insecurely

Recurring Topics [timebox to N min]:

- 1.24
 - [Commits since last release](#)
 - 1.24.3
 - DONE
- 1.25
 - [Commits since last release](#)
 - Should be ready for GA - DONE!
 - Might need another 1.25 release (with some hetzner fixes)
 - hakman@ to look at doing one next week, was waiting for any other feedback
- 1.26
 - [Commits since last release](#)
 - Alpha.1 - Done!

September 15th, 2022

Attendees:

- Ole Markus With – Sportradar

Review Action Items from last time:

- Misc topics from last time
 - [justinsb] Server-Side Apply library / issues
 - Need code to manipulate field manager
 - Trying to get some GKE code OSSed
 - Related (but not the same) code here
<https://github.com/kubernetes/kubernetes/pull/111967>
 - Ole will try an old branch that almost worked and send as PR
 - [hakman] Automatically [delete branches](#) after merging them
 - Done - we will gather any feedback!
 - May only apply to dependabot, not users etc
 - [Rolling update cannot drain master · Issue #14172 · kubernetes/kops · GitHub](#)
 - Justin to fix test

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
-

Recurring Topics [timebox to N min]:

- 1.24
 - 1.24.3
 - DONE
 -
 -
- 1.25
 - Should be ready for GA. Release this weekend?
 - yes!

September 9th, 2022

Attendees:

- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- Misc topics from last time
 - [justinsb] Server-Side Apply library / issues
 - Need code to manipulate field manager
 - Trying to get some GKE code OSSed
 - Related (but not the same) code here
<https://github.com/kubernetes/kubernetes/pull/111967>
 - [hakman] Automatically [delete branches](#) after merging them
 - Done - we will gather any feedback!
 - May only apply to dependabot, not users etc
 - [justinsb] Send PR to implement `deprecations.NotAfterKubernetes122` or something along those lines.
 - [hakman] More Scaleway - <https://github.com/kubernetes-sigs/etcdadm/pull/336>
 - justinsb / hakman will try to review
 - [hakman] Request for attention on
 - <https://github.com/kubernetes/kops/issues/14174>
 - [justinsb]: Should we introduce breakages for really really old versions?
 - AI: justinsb to look at how old the oldest kopeio images are
 - AI: justinsb also maybe to write an e2e for multi-version upgrade

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
-

Recurring Topics [timebox to N min]:

- 1.23
 - 1.23.4 DONE
- 1.24
 - 1.24.2 DONE
 - Next one early Oct?
 -
- 1.25
 - Should be ready for GA

September 1st, 2022

Attendees:

- Justin SB, Google
- Ciprian Hacman, polypoly

Review Action Items from last time:

- Misc topics from last time
 - ~~[hakman] Create etcd manager config for each instance group follow-ups:~~

- ~~#14181~~ Run etcd manager with instance group name as volume name tag for Hetzner
 - ~~etcdadm#334~~ Use volume name tag to match the instance group for Hetzner DONE!
- ~~[justinsb] Do we have examples of where the tests are failing because of IAMRoles or <https://github.com/kubernetes-sigs/boskos/issues/132?>~~
 - ~~Possibly root cause here was <https://github.com/kubernetes/kops/pull/14151>~~
 - ~~AI: monitor for a few more days, see if we are happy now.~~
 - ~~DONE - tests looking good~~
- [justinsb] Server-Side Apply library / issues
 - Need code to manipulate field manager
 - Trying to get some GKE code OSSed
 - Related (but not the same) code here <https://github.com/kubernetes/kubernetes/pull/111967>
- [hakman] Automatically [delete branches](#) after merging them
 - Done - we will gather any feedback!
 - May only apply to dependabot, not users etc
- [justinsb] Send PR to implement `deprecations.NotAfterKubernetes122` or something along those lines.
- [hakman] More Scaleway - <https://github.com/kubernetes-sigs/etcdadm/pull/336>
 - justinsb / hakman will try to review
- [hakman] Request for attention on
 - <https://github.com/kubernetes/kops/issues/14174>
- [justinsb]: Should we introduce breakages for really really old versions?
 - AI: justinsb to look at how old the oldest kopeio images are
- AI: justinsb also maybe to write an e2e for multi-version upgrade

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
-

Recurring Topics [timebox to N min]:

- 1.23
 - 1.23.4 in progress
- 1.24
 - 1.24.2 in progress
 -
- 1.25
 - 1.25.0-beta.1 DONE

August 26th, 2022

Attendees:

- Justin SB, Google
- Ciprian Hacman, polypoly

- Tom Stec, polypoly
- John Gardiner Myers, Proofpoint
-

Review Action Items from last time:

- Misc topics from last time
 - ~~[hakman] [#13856](#) Add GCE pre-submit that always runs for master~~
 - ~~PR opened here <https://github.com/kubernetes/test-infra/pull/26907>~~
 - ~~DONE!~~
 - [hakman] Create etcd-manager config for each instance group follow-ups:
 - [#14181](#) - Run etcd-manager with instance group name as volume name tag for Hetzner
 - [etcdadm#334](#) - Use volume name tag to match the instance group for Hetzner
 - [justinsb] Do we have examples of where the tests are failing because of IAMRoles or <https://github.com/kubernetes-sigs/boskos/issues/132?>
 - Possibly root-cause here was <https://github.com/kubernetes/kops/pull/14151>
 - AI: monitor for a few more days, see if we are happy now.

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 - SSA issues
 - Working around by going back to kubectl for now
 - justinsb trying to get embedded-go version working, biggest blocker is figuring out how to plumb through the option/feature-flag
 - Need code to manipulate field manager
 - Trying to get some GKE code OSSed
 - Related (but not the same) code here <https://github.com/kubernetes/kubernetes/pull/111967>
- [Blocks-next](#)
- [hakman] Automatically [delete branches](#) after merging them
 - Done - we will gather any feedback!
- [hakman] [#13618](#) - Support kube-scheduler config
 - https://github.com/kubernetes/kops/blob/01d4a7652e0a4d5494e26a00c9b22179d8f0befe/nodeup/pkg/model/kube_scheduler.go#L113 - do we actually need the fallback?
 - Probably not, justinsb thought (mistakenly) it was safer.
 - TODO: justinsb - send PR to implement ``deprecations.NotAfterKubernetes122`` or something along those lines.
- [hakman] More Scaleway - <https://github.com/kubernetes-sigs/etcdadm/pull/336>
 - justinsb / hakman will try to review
- [hakman] Request for attention on
 - <https://github.com/kubernetes/kops/issues/14174>
- [justinsb]: Should we introduce breakages for really really old versions?
 - AI: justinsb to look at how old the oldest kopeio images are
 - AI: justinsb also maybe to write an e2e for multi-version upgrade

Recurring Topics [timebox to N min]:

- 1.23
 - Cherrypicks (below); release next version with runc fix
 - TODO:
 - Check if runc cherry-pick needed
<https://github.com/kubernetes/kops/pull/14189>
 - More cherrypicks from below?
 - TODO: Release 1.23.4 AI justinsb
- 1.24
 - ~~○ If runc fix comes out, do next release~~
 - ~~○ If no runc fix, review on Friday 26th~~
 - Fix is out and merged - thank you hakman!
 - TODO: 1.24.2 AI: justinsb
- 1.25
 - Do alpha
 - Do beta once:
 - Addons updated
 - K8s 1.25 out (imminent)
 - Hetzner feature-flag removed - TBD
 - Blockers for beta.1:
 - Update CCM
 - Aiming for beta.1 next week, if no CCM by then we'll do another alpha.

August 18th, 2022

Attendees:

- Justin SB, Google
- Ole Markus With, Sportradar
- Ciprian Hacman, polypoly
- Tom Stec, polypoly
- Rishit Dagli, Student

Review Action Items from last time:

- Misc topics from last time
 - [hakman] [#13856](#) Add GCE pre-submit that always runs for master
 - PR opened here <https://github.com/kubernetes/test-infra/pull/26907>
 - [hakman] [#14080](#) Create etcd-manager config for each instance group
 - [hakman] Why is [FindClusterStatus\(\)](#) needed
 - AI: justinsb to look, something to do with etcd reconfiguration validation
 - Justinsb: Yes, verified ... it was limiting etcd reconfigurations to avoid invalid transitions. We need to know whether the configuration has been applied to know whether a change is safe. We still have some invalid transitions I believe so I don't think we should remove it.

- [justinsb] Do we have examples of where the tests are failing because of IAMRoles or <https://github.com/kubernetes-sigs/boskos/issues/132?>

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- Discussion of [#14007](#)
 - We have a workaround (override containerd version)
 - New containerd version may include fix (should we cherry-pick?)
 - We have a [test](#), but it is passing for reasons not yet fully known
 - We should try to get test to fail - justinsb? Others?
 - Test passes because they run without TTY. The bug is only visible if "-i -t" is passed to kubectl exec. "-t" is not likely to make sense when executed from ginkgo.
 - justinsb: we should send a (minimal) test upstream!
 - Ole tried, wasn't working because kubectl seems to detect that it isn't a TTY and effectively drops the '-t' flag
- Writing instance group input to state store rather than the full populated spec
 - <https://github.com/kubernetes/kops/pull/14127>

Recurring Topics [timebox to N min]:

- 1.23
 - Cherrypicks (below); release next version with runc fix
- 1.24
 - If runc fix comes out, do next release
 - If no runc fix, review on Friday 26th
- 1.25
 - Do alpha
 - Do beta once:
 - Addons updated
 - K8s 1.25 out (imminent)
 - Hetzner feature-flag removed

August 12th, 2022

Attendees:

- Justin SB, Google
- Eric Blumenau, Sprout Social
- John Gardiner Myers, Proofpoint
- Ciprian Hacman, polypoly
-

Review Action Items from last time:

- Misc topics from last time
 - ~~[hakman] [test infra/#26503](#) Ignore merges by github actions user in kops dev~~
DONE
 - [hakman] [#13856](#) Add GCE pre-submit that always runs for master
 - PR opened here <https://github.com/kubernetes/test-infra/pull/26907>

- [hakman] [#14080](#) Create etcd-manager config for each instance group
- [hakman] Why is [FindClusterStatus\(\)](#) needed
 - AI: justinsb to look, something to do with etcd reconfiguration validation

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- Discussion of [#14007](#)
 - We have a workaround (override containerd version)
 - New containerd version may include fix (should we cherry-pick?)
 - We have a [test](#), but it is passing for reasons not yet fully known
 - We should try to get test to fail - justinsb? others?
- [EricB] rolling-cluster NeedsUpdate Q
- Failing tests due to boskos/aws-janitor cleaning up IAM resources too early
 - <https://testgrid.k8s.io/kops-versions#kops-aws-k8s-1-23>
 - <https://github.com/kubernetes-sigs/boskos/issues/132>
 - Justinsb's PR merged, didn't fix it :-(
 - AI: Justinsb to look again
- Ubuntu 22.04
 - Some concern over cgroupsv2 and whether we might break things
 - Prakash: also some other issues
 - Justinsb to look at whether the community/GKE/etc have adopted ubuntu 22.04
 - AI: Add to grid if we're thinking of making it the default, revisit in 2 weeks when we have more data. - <https://testgrid.k8s.io/kops-distro-u2204>
- ~~[hakman] - Waiting for CNCF certification PRs for kOps [v1.23](#) and [v1.24](#)~~
- [justinsb] - is [removing the positional cluster name](#) too strict?
 - Should we warn for a release or two first?
 - Should we aim for more consistency with kubectl, and rename `kubectl get <clustername>` => `kubectl get all <clustername>`?
-

Recurring Topics [timebox to N min]:

- 1.23
 - [Commits since last release](#)
 - Release 1.23.3 done 07/29 - Justin
 - Blockers:
 - Cherry-pick for [logging as json](#)
 - <https://github.com/kubernetes/kops/pull/14120>
 - Probably should do another release once logging as json is backported
- 1.24.2
 - [Commits since last release](#)
 - [Containerd/runc bug](#)
 - Runc version is now configurable
 - Should 1.1.2 be default?
 - Blockers:

- <https://github.com/kubernetes/kops/pull/14119>
 - Verify cilium [fix for annotations](#) made it onto 1.24
 - Maybe the runc issue?
 - Backport kube-scheduler additional objects: AI: justinsb to do - maybe?
 - <https://github.com/kubernetes/kops/issues/14033>
 - <https://github.com/kubernetes/kops/pull/14130>
 - This one is less clear, plan to do another release next weekish
- 1.25
 - [Commits since last release](#)
 - Release 1.25.0-alpha.2 done 07/29 - Ciprian
 - Next week talk about another release, possibly even a beta
- Failing tests due to boskos/aws-janitor cleaning up IAM resources too early
 - <https://testgrid.k8s.io/kops-versions#kops-aws-k8s-1-23>
 - <https://github.com/kubernetes-sigs/boskos/issues/132>
 - Justinsb's PR merged, didn't fix it :-(
 - AI: Justinsb to look again
- Ubuntu 22.04
 - Some concern over cgroupsv2 and whether we might break things
 - Prakash: also some other issues
 - Justinsb to look at whether the community/GKE/etc have adopted ubuntu 22.04
 - AI: Add to grid if we're thinking of making it the default, revisit in 2 weeks when we have more data. - <https://testgrid.k8s.io/kops-distro-u2204>
 - Cilium does not yet support 22.04
 - <https://github.com/kubernetes/kops/issues/14126#issuecomment-1215139830>
- [justinsb] - is [removing the positional cluster name](#) too strict?
 - Should we warn for a release or two first?
 - Should we aim for more consistency with kubectl, and rename `kubectl get <clustername>` => `kubectl get all <clustername>`?

Recurring Topics [timebox to N min]:

- 1.23
 - [Commits since last release](#)
 - Release 1.23.3 done 07/29 - Justin
 - Blockers:
 - Cherry-pick for [logging as json](#)
 - <https://github.com/kubernetes/kops/pull/14120>
 - Probably should do another release once logging as json is backported
- 1.24.2
 - [Commits since last release](#)
 - [Containerd/runc bug](#)
 - Runc version is now configurable
 - Should 1.1.2 be default?
 - Blockers:
 - <https://github.com/kubernetes/kops/pull/14119>

- Verify cilium [fix for annotations](#) made it onto 1.24
 - Maybe the runc issue?
 - Backport kube-scheduler additional objects: AI: justinsb to do - maybe?
 - This one is less clear, plan to do another release next weekish
- 1.25
 - [Commits since last release](#)
 - Release 1.25.0-alpha.2 done 07/29 - Ciprian
 - Next week talk about another release, possibly even a beta

August 12th, 2022

Attendees:

- Justin SB, Google
- Eric Blumenau, Sprout Social
- John Gardiner Myers, Proofpoint
- Ciprian Hacman, polypoly
-

Review Action Items from last time:

- Misc topics from last time
 - ~~[hakman] [test-infra/#26503](#) Ignore merges by github actions user in kops dev~~
DONE
 - [hakman] [#13856](#) Add GCE pre-submit that always runs for master
 - PR opened here <https://github.com/kubernetes/test-infra/pull/26907>
 - [hakman] [#14080](#) Create etcd-manager config for each instance group
 - [hakman] Why is [FindClusterStatus\(\)](#) needed
 - AI: justinsb to look, something to do with etcd reconfiguration validation

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- Discussion of [#14007](#)
 - We have a workaround (override containerd version)
 - New containerd version may include fix (should we cherry-pick?)
 - We have a [test](#), but it is passing for reasons not yet fully known
 - We should try to get test to fail - justinsb? others?
- [EricB] rolling-cluster NeedsUpdate Q
- Failing tests due to boskos/aws-janitor cleaning up IAM resources too early
 - <https://testgrid.k8s.io/kops-versions#kops-aws-k8s-1-23>
 - <https://github.com/kubernetes-sigs/boskos/issues/132>
 - Justinsb's PR merged, didn't fix it :-(
 - AI: Justinsb to look again

- Ubuntu 22.04
 - Some concern over cgroupsv2 and whether we might break things
 - Prakash: also some other issues
 - Justinsb to look at whether the community/GKE/etc have adopted ubuntu 22.04
 - AI: Add to grid if we're thinking of making it the default, revisit in 2 weeks when we have more data. - <https://testgrid.k8s.io/kops-distro-u2204>
- ~~[hakman] - Waiting for CNCF certification PRs for kOps v1.23 and v1.24~~
- [justinsb] - is [removing the positional cluster name](#) too strict?
 - Should we warn for a release or two first?
 - Should we aim for more consistency with kubectl, and rename `kubectl get <clustername>` => `kubectl get all <clustername>`?

Recurring Topics [timebox to N min]:

- 1.23
 - [Commits since last release](#)
 - Release 1.23.3 done 07/29 - Justin
 - Blockers:
 - Cherry-pick for [logging as json](#)
 - <https://github.com/kubernetes/kops/pull/14120>
 - Probably should do another release once logging as json is backported
- 1.24.2
 - [Commits since last release](#)
 - [Containerd/runc bug](#)
 - Runc version is now configurable
 - Should 1.1.2 be default?
 - Blockers:
 - <https://github.com/kubernetes/kops/pull/14119>
 - Verify cilium [fix for annotations](#) made it onto 1.24
 - Maybe the runc issue?
 - Backport kube-scheduler additional objects: AI: justinsb to do - maybe?
 - This one is less clear, plan to do another release next weekish
- 1.25
 - [Commits since last release](#)
 - Release 1.25.0-alpha.2 done 07/29 - Ciprian
 - Next week talk about another release, possibly even a beta

August 4th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly
-

Review Action Items from last time:

- 1.24.1 - DONE
- 1.25.0-alpha.2 - DONE
- Misc topics from last time
 - [hakman] [test-infra/#26503](#) - Ignore merges by github-actions user in kops-dev
 - [hakman] [#13856](#) Add GCE pre-submit that always runs for master
 - PR opened here <https://github.com/kubernetes/test-infra/pull/26907>

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [blocks-next](#)
- Ubuntu 22.04
 - Some concern over cgroupsv2 and whether we might break things
 - Prakash: also some other issues
 - Justinsb to look at whether the community/GKE/etc have adopted ubuntu 22.04
 - AI: Add to grid if we're thinking of making it the default, revisit in 2 weeks when we have more data. - <https://testgrid.k8s.io/kops-distro-u2204>
- [hakman] - Waiting for CNCF certification PRs for kOps [v1.23](#) and [v1.24](#)
- [justinsb] - is [removing the positional cluster name](#) too strict?
 - Should we warn for a release or two first?
 - Should we aim for more consistency with kubectl, and rename `kubectl get <clustername>` => `kubectl get all <clustername>`?
-

Recurring Topics [timebox to N min]:

- 1.23
 - [Commits since last release](#)
 - Release 1.23.3 done 07/29 - Justin
- 1.24.1
 - [Commits since last release](#)
 - Release 1.24.1 done 07/29 - Ciprian
- 1.25
 - [Commits since last release](#)
 - Release 1.25.0-alpha.2 done 07/29 - Ciprian

July 29th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly
- Peter Rifel - DataDog
- Prakash Ramchandran - eOTF

Review Action Items from last time:

- 1.22.6 - DONE
- 1.23.3 - DONE
- Misc topics from last time
 - [hakman] [test-infra/#26503](#) - Ignore merges by github-actions user in kops-dev

- [hakman] [#13856](#) Add GCE pre-submit that always runs for master
 - PR opened here <https://github.com/kubernetes/test-infra/pull/26907>

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- Ubuntu 22.04
 - Some concern over cgroupsv2 and whether we might break things
 - Prakash: also some other issues
 - Justinsb to look at whether the community/GKE/etc have adopted ubuntu 22.04
 - AI: Add to grid if we're thinking of making it the default, revisit in 2 weeks when we have more data.
- [hakman] - Submitted CNCF certification PRs for kOps [v1.23](#) and [v1.24](#)
- [hakman] - Asking for review for [Hetzner related PRs](#)

Recurring Topics [timebox to N min]:

- 1.22
 - Release 1.22.6 done 07/29
 - Likely last 1.22 release
- 1.23
 - Release 1.23.3 done 07/29
- 1.24.1
 - TODO release - Ciprian
 - [Hetzner PRs](#) and cherry-picks - DONE!
- 1.25
 - [Commits](#)
 - TODO: 1.25.0-alpha.2 - Ciprian

July 15th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly

Review Action Items from last time:

- 1.22.6
- 1.23.3
- 1.24 GA - Done!
- Misc topics from last time
 - [hakman] [test-infra/#26503](#) - Ignore merges by github-actions user in kops-dev
 - [hakman] [#13856](#) Add GCE pre-submit that always runs for master

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [blocks-next](#)
-

Recurring Topics [timebox to N min]:

- 1.22.6
 - Justinsb still to do!
 - Etcdadm cherry-pick latest
 - Aws-sdk-go newest regions via aws-sdk bump
- 1.23.3
 - Justinsb still to do!
 - metadata/DHCP revert
 - Etcdadm cherry-pick latest
 - Aws-sdk-go newest regions via aws-sdk bump
- 1.24 track
- 1.25
 - Any need for another alpha?

July 7th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly

Review Action Items from last time:

- 1.22.6
- 1.23.3
- 1.24 GA
 - We said we wanted to approve it this time
- Misc topics from last time
 - [hakman] [test-infra/#26503](#) - Ignore merges by github-actions user in kops-dev
 - [hakman] [#13856](#) Add GCE pre-submit that always runs for master

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [blocks-next](#)
-

Recurring Topics [timebox to N min]:

- 1.22.6
 - Justinsb still to do!
 - Etcdadm cherry-pick latest
 - Aws-sdk-go newest regions via aws-sdk bump
- 1.23.3
 - Justinsb still to do!
 - metadata/DHCP revert
 - Etcdadm cherry-pick latest
 - Aws-sdk-go newest regions via aws-sdk bump
- 1.24 track
 - GA release?
 - Blocker: need to block v1alpha3 API (john to send PR :-)

- Plan is to approve the GA at kOps informal office hours on Thursday
- 1.25
 - Any need for another alpha?

Jul 1st, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly
- John Gardiner Myers - Proofpoint
- Peter Rifel - DataDog
- Naresh Maharaj - Aerospike
-

Review Action Items from last time:

- 1.22.6
 - Justinsb still to do!
 - Etcdadm cherry-pick latest
 - Aws-sdk-go newest regions via aws-sdk bump
- 1.23.3
 - Justinsb still to do!
 - metadata/DHCP revert
 - Etcdadm cherry-pick latest
 - Aws-sdk-go newest regions via aws-sdk bump

Action Items for next time:

- Justinsb to check on kubectl apply server-side transition

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [blocks-next](#)
- [hakman] [test-infra/#26503](#) - Ignore merges by github-actions user in kops-dev
- [hakman] [#13922](#) Mount /etc/hosts from host for CoreDNS (and cherry-picks)
- [hakman] [#13856](#) Add GCE pre-submit that always runs for master
-

Recurring Topics [timebox to N min]:

- 1.22.6 - justinsb to do (still!)
- 1.23.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - We should do a release with the metadata/DHCP revert
<https://github.com/kubernetes/kops/pull/12844>
 - Cherrypick needed!
 - justinsb to do
 - Etcd-manager bump of aws sdks for regions - maybe done by ciprian but only cherry-picked to 1.24
- 1.24 track
 - 1.24.0-beta.3 released
 - GA release?

- Blocker: need to block v1alpha3 API (john to send PR :-)
 - Plan is to approve the GA at kOps informal office hours on Thursday
- 1.25 alpha
 - First alpha done (to unblocks tests) :hooray:

Jun 17th, 2022

Attendees:

-

Review Action Items from last time:

- 1.22.6
 - Justinsb still to do!

Action Items for next time:

- Check in on status of autocomplete - possible regression in latest kOps versions?
- Justinsb to check on kubectl apply server-side transition

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- Ownership issues with server side apply
 - Proposal is that justinsb investigates taking full ownership of managed objects
 - If anyone is setting e.g. a label, we can find that out and handle it. Likely wasn't previously supported anyway (with client-side apply)
- [etcdadm/#319](#) - need review & justinsb to do release & cherry-pick to kOps

Recurring Topics [timebox to N min]:

- 1.23.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - We should do a release with the metadata/DHCP revert <https://github.com/kubernetes/kops/pull/12844>
 - Cherrypick needed!
 - justinsb to do
- 1.24 track
 - 1.24.5 alpha released
 - Branch 1.24 and beta!
 - ~~Beta/GA blocked on AWS CCM (at least) for stable release~~
 - ~~We probably consider [#339](#) as a blocker for beta~~
 - ~~We probably consider [#349](#) as a blocker for GA (but not beta)~~
 - ~~Openstack CCM 1.24.0 is in~~
 - (double-check before branching)
 - Maybe:
 - server-side apply --force-ownership??? (but pre-existing)
 - We are go for beta!
 - justinsb to do

May 26th, 2022

Attendees:

-

Review Action Items from last time:

- 1.22.6
 - Justinsb still to do!

Action Items for next time:

- Check in on status of autocomplete - possible regression in latest kOps versions?

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [blocks-next](#)
- ~~Mirroring / rewriting discussion~~
 - ~~https://kubernetes.slack.com/archives/C8MKE2G5P/p1652308701635229?thread_ts=1651005000.692509&cid=C8MKE2G5P~~
- [hakman] [kops#13679](#) FlexVolumes deprecation
 - Don't create / use the dir starting k8s 1.24/1.25
- ~~[hakman] Update the About info in the repo~~
- [olemarkus] channels: kubectl apply vs replace

Recurring Topics [timebox to N min]:

- 1.23.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - We should do a release with the metadata/DHCP revert <https://github.com/kubernetes/kops/pull/12844>
 - Cherrypick needed!
 - justinsb to do
- 1.24 track
 - 1.24.5 alpha released
 - Branch 1.24 and beta!
 - ~~Beta/GA blocked on AWS CCM (at least) for stable release~~
 - ~~We probably consider [#339](#) as a blocker for beta~~
 - ~~We probably consider [#349](#) as a blocker for GA (but not beta)~~
 - ~~Openstack CCM 1.24.0 is in~~
 - (double-check before branching)
 - Maybe:
 - server-side apply --force-ownership??? (but pre-existing)
 - We are go for beta!
 - justinsb to do

May 12th, 2022

Attendees:

-

Review Action Items from last time:

- Review Hetzner support:
 - Thanks Justin, Peter and Ole Markus
- 1.23.2
 - Thanks Ole!
- 1.22.6
 - Justinsb still to do!

Action Items for next time:

- Check in on status of autocomplete - possible regression in latest kOps versions?

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [blocks-next](#)
- Mirroring / rewriting discussion
 - https://kubernetes.slack.com/archives/C8MKE2G5P/p1652308701635229?thread_ts=1651005000.692509&cid=C8MKE2G5P

-

Recurring Topics [timebox to N min]:

- ~~1.22.6 Decided to drop further 1.22 releases~~
- ~~1.23.2 released~~
- 1.23.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - We should do a release with the metadata/DHCP revert <https://github.com/kubernetes/kops/pull/12844>
- 1.24 track
 - Released another alpha
 - ~~We should do the next release once there's a k8s 1.24 RC/Release~~
 - ~~Would be nice to get alpha hetzner support in 1.24~~
 - Reviewed by Justin and Peter
 - Beta/GA blocked on AWS CCM (at least) for stable release
 - We probably consider [#339](#) as a blocker for beta
 - We probably consider [#349](#) as a blocker for GA (but not beta)

May 6th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly
- John Gardiner Myers - Proofpoint
- Peter Rifel - DataDog

Review Action Items from last time:

- ~~[justinsb]: Create slides for kubecon talk~~
 - ~~Done by ciprian - thank you!~~
-

Action Items for next time:

- justinsb: to look at <https://github.com/kubernetes/kops/issues/13352> and ideally get support for scheduler config in additional objects
- Justinsb: to look at <https://github.com/kubernetes/kops/issues/13313> and advance the PoC a bit
- Justinsb: to look at releasing 1.22.6 and 1.23.2 (with 1.23 likely the higher priority)
-

Open Discussion:

- [rifelpet] AWS CCM bugs - how to handle them for next release?
 - <https://github.com/kubernetes/cloud-provider-aws/issues/349>
 - <https://github.com/kubernetes/cloud-provider-aws/issues/339>
- [olemarkus] skipping release notes on github and link to the notes in docs instead starting
 - Approved, should update release process
- [hakman] [etcdadm#315](#) we now have auto-tag for releases in etcd-manager
- [kind/office-hours](#)
-

Recurring Topics [timebox to N min]:

- 1.22.6 ([merged cherrypicks](#), [open cherrypicks](#))
 - With etcd-manager [cherry-pick](#)
- 1.23.2 ([merged cherrypicks](#), [open cherrypicks](#))
 - We should do a release with the metadata/DHCP revert <https://github.com/kubernetes/kops/pull/12844>
- 1.24 track
 - We should do the next release once there's a k8s 1.24 RC/Release
 - ~~Would be nice to get alpha hetzner support in 1.24~~
 - Reviewed by Justin and Peter
 - Blocked on AWS CCM (at least) for stable release
 - We probably consider [#339](#) as a blocker for beta
 - We probably consider [#349](#) as a blocker for GA (but not beta)

April 28th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly
- John Gardiner Myers - Proofpoint
- Ole Markus With - Sportradar

Review Action Items from last time:

-

Action Items for next time:

- [justinsb]: Create slides for kubecon talk

Open Discussion

- [hakman] Switch to Ubuntu 22.04 for kOps 1.24?
 - Switching to cgroups v2 causes some problems for go/java which are unaware of cgroups v2; likely have to postpone
- [hakman] Hetzner review for etcd-manager
 - That PR was merged :-)
 - Some questions
- [peter] [Testgrid update](#):
 - Grid is mostly passing now, some failing jobs have been removed
 - Flannel + Amazon Linux 2 jobs have pod-to-pod networking failures when pods are on the same node:
 - <https://kubernetes.slack.com/archives/C8MKE2G5P/p1650584229938259>
 - <https://testgrid.k8s.io/kops-grid#kops-grid-flannel-amzn2-k23-containerd>
- [kind/office-hours](#)
-

Recurring Topics [timebox to N min]:

- ~~1.22.5 ([merged cherrypicks](#), [open cherrypicks](#))~~
 -
- ~~1.23.1~~
 - ~~Yes please. The LBC permission issue + etcd 3.5 mitigation~~
- 1.23.2
 - We should do a release with the metadata/DHCP revert
 - <https://github.com/kubernetes/kops/pull/12844>
- 1.24 track
 - We should do the next release once there's a k8s 1.24 RC/Release
 - Would be nice to get alpha hetzner support in 1.24

April 8th, 2022

Attendees:

- Justin SB - Google
- Ciprian Hacman - polypoly
- John Gardiner Myers - Proofpoint
- Ole Markus With - Sportradar

Review Action Items from last time:

-

Open Discussion

- [hakman] Switch to Ubuntu 22.04 for kOps 1.24?
 - Agreed
- [hakman] Hetzner review for etcd-manager
- [peter] [Testgrid update](#):
 - Grid is mostly passing now, some failing jobs have been removed
 - Flannel + Amazon Linux 2 jobs have pod-to-pod networking failures when pods are on the same node:
<https://kubernetes.slack.com/archives/C8MKE2G5P/p1650584229938259>
<https://testgrid.k8s.io/kops-grid#kops-grid-flannel-amzn2-k23-containerd>
- [kind/office-hours](#)
 -

Recurring Topics [timebox to N min]:

- ~~1.22.5 ([merged cherrypicks](#), [open cherrypicks](#))~~
 -
- ~~1.23.1~~
 - ~~Yes please. The LBC permission issue + etcd 3.5 mitigation~~
- 1.23.2
 - We should do a release with the metadata/DHCP revert
<https://github.com/kubernetes/kops/pull/12844>
- 1.24 track
 - We should do the next release once there's a k8s 1.24 RC/Release
 - Would be nice to get alpha hetzner support in 1.24

2022

Attendees:

- Justin SB - Google
- Ciprian Hakman

Review Action Items from last time:

- Failing e2e tests:
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - NodeLease failures? Do we want to backport to 1.22 and 1.23 to make upgrade jobs happy?
 - Ole opened an issue about NodeLease failures
 - <https://github.com/kubernetes/kops/issues/13259>
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johngmyers] ticket filed with AWS on NLB IPv6 IP targets not working

- Could have been caused by missing LBC IAM permissions
- Add control-plane taint and remove master labels
 - Kubeadm is doing this in 1.24
 - [#13452](#) as a start
- justinsb to review open GCP PRs in kOps
- Remove maintainer permission to push branches
- [arnaud] switching to registry.k8s.io ✓

Open Discussion

- [nat henderson] GCP [ILBs, DNS, Terraform export, flatcar + init scripts, group tolerance of single-cloud schema changes]
 - Justinsb@ to write a guide for how to add tests (unit / tf / e2e)
 - Maybe extend https://kops.sigs.k8s.io/contributing/adding_a_feature/ (or generally in contributing section)
 - Nat will send a WIP PR for ILBs
 - DNS for ILB records
- [kind/office-hours](#)
-

Recurring Topics [timebox to N min]:

- 1.22.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.23.1
 - Yes please. The LBC permission issue + etcd 3.5 mitigation
- 1.24 track

Mar 31st, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Peter Rifel
- Arnaud Meukam

Review Action Items from last time:

- Turn down Greenhouse: <https://github.com/kubernetes/test-infra/issues/24247>
 - <https://cs.k8s.io/?q=reset-bazel-remote-cache-enabled%3A&i=nope&files=&excludFiles=&repos=>

Mar 25th, 2022

Attendees:

- Justin SB - Google

- John Gardiner Myers - Proofpoint
- Peter Rifel
- Nat Henderson - Apple

Review Action Items from last time:

- Failing e2e tests:
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - NodeLease failures? Do we want to backport to 1.22 and 1.23 to make upgrade jobs happy?
 - Ole opened an issue about NodeLease failures
 - <https://github.com/kubernetes/kops/issues/13259>
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
 - Could have been caused by missing LBC IAM permissions
- Add control-plane taint and remove master labels
 - Kubeadm is doing this in 1.24
 - [#13452](#) as a start
- justinsb to review open GCP PRs in kOps
- Remove maintainer permission to push branches
- [arnaud] switching to registry.k8s.io ✓

Open Discussion

- [nat henderson] GCP [ILBs, DNS, Terraform export, flatcar + init scripts, group tolerance of single-cloud schema changes]
 - Justinsb@ to write a guide for how to add tests (unit / tf / e2e)
 - Maybe extend https://kops.sigs.k8s.io/contributing/adding_a_feature/ (or generally in contributing section)
 - Nat will send a WIP PR for ILBs
 - DNS for ILB records
- [kind/office-hours](#)
-

Recurring Topics [timebox to N min]:

- 1.22.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.23.1
 - Yes please. The LBC permission issue + etcd 3.5 mitigation
- 1.24 track

Mar 17th, 2022

Attendees:

- Justin SB - Google
- Arnaud M
- John Gardiner Myers - Proofpoint

Review Action Items from last time:

- Failing e2e tests:
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
 - Ole opened an issue about NodeLease failures
 - <https://github.com/kubernetes/kops/issues/13259>
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johnngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
 - Could have been caused by missing LBC IAM permissions
- justinsb to review open GCP PRs in kOps
- [arnaud]: how to go into production with oci-proxy
 - We need a final name for the mirror: registry.k8s.io
 - We can put that into kOps 1.24 "now", once it is set up
 - For backports, it's harder, but we can probably figure out a way to do it (e.g. make it optional)
- Remove maintainer permission to push branches

Open Discussion [timebox to N min]:

- [arnaud} registry.k8s.io is running as of today! Arnaud changed the registry endpoint for <https://testgrid.k8s.io/google-aws#kops-grid-scenario-gcr-mirror>
Open question: How we can change

Mar 11th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- Failing e2e tests:
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
 - Ole opened an issue about NodeLease failures
 - <https://github.com/kubernetes/kops/issues/13259>
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
 - Could have been caused by missing LBC IAM permissions
- Justinsb to review & lgtn <https://github.com/kubernetes/kops/pull/13059> (as agreed in principle!) ✓
 - AI: justinsb please re-lgtn quickly before next conflict!
- justinsb to review open GCP PRs in kOps
- [arnaud]: how to go into production with oci-proxy
 - We need a final name for the mirror: registry.k8s.io
 - We can put that into kOps 1.24 “now”, once it is set up
 - For backports, it’s harder, but we can probably figure out a way to do it (e.g. make it optional)
- Remove maintainer permission to push branches
- 1.23.0 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- K8s deprecation policy
- AI: justinsb to verify/fix that when we PR a change to alpha/stable channel, that we run tests with that change included. Also ideally test the upgrade of the channel on an existing cluster.

Recurring Topics [timebox to N min]:

- 1.22.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.23.1
 -
- 1.24 track

Feb 25th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - n/a

-

Review Action Items from last time:

- Failing e2e tests:
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
 - Ole opened an issue about NodeLease failures
 - <https://github.com/kubernetes/kops/issues/13259>
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
 - Could have been caused by missing LBC IAM permissions
- ✓ Need etcd-manager+kOps released asap. All upgrades from 1.22.{0,1,2} to 1.22.3 breaks because of missing etcd 3.5.0 binary. [#13118](#)
 - Justin - **P0**
 - Need to release kOps ✓
- Justinsb to review & lgtm <https://github.com/kubernetes/kops/pull/13059> (as agreed in principle!)
 - AI: justinsb please re-lgtm quickly before next conflict!
- ✓ kOps releases with fixes for etcd 3.5.0 / 3.5.1 issue
 - AI: we need to release 1.21 with fix
- justinsb to review open GCP PRs in kOps
- [arnaud]: how to go into production with oci-proxy
 - We need a final name for the mirror: registry.k8s.io
 - We can put that into kOps 1.24 “now”, once it is set up
 - For backports, it’s harder, but we can probably figure out a way to do it (e.g. make it optional)
- Artifact distribution for non-k8s distribution
 - <https://github.com/kubernetes/sig-release/blob/master/release-engineering/artifacts.md>
- 1.22.4 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- [johngmyers] Remove maintainer permission to push branches?
 - Yes
 - Justinsb: tried ... not obvious.
 - ✓ Remove “release” branch and docs_site_comment

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 - Check if release needed because of etcd-manager - **justinsb** to check if needed
- 1.22.5 ([merged cherrypicks](#), [open cherrypicks](#))

- 1.23.0
 - ✓ [graceful node shutdown](#)
 - Two open things to track down:
 - Check node leases; see if they are regressions
 - ~~Make sure that etcd-manager cherry-pick merges~~
 - ~~Need to merge cherry-pick~~
 - <https://github.com/kubernetes/kops/pull/13307>
 - Probably yes, incorporate etcd-manager
 - ✓ Want to pick up AWS CCM & IPv6 private topologies as well - **justinsb** to do
 - ✓ Want to pick up containerd 1.6
 - ✓ Need an etcd-manager fix before release
 - ✓ Justinsb to do release of beta2 - **justinsb**
 - ~~Will review on Thursday 17th where we stand on releases of LBC, containerd, etcd-manager, any PRs~~
 - Would be nice to have some IPv6 notes, but we're not going to un-feature flag it in 1.23, so not a blocker.

Feb 17th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - n/a
- Ole Markus With - Sportradar

Review Action Items from last time:

- Failing e2e tests:
 - ✓ [Gce-latest](#) & [gce-stable](#): started failing 12/18
 - Justinsb PR outstanding to fix more of these:
 - <https://github.com/kubernetes/test-infra/pull/24755> ✓
 - **Justinsb** to verify that tests are now passing ✓
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - Imagedebian10 ✓
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
 - hakman has fixed! Using runc from opencontainers/runc, upstream released containerd 1.6.0
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
 - Ole opened an issue about NodeLease failures
 - <https://github.com/kubernetes/kops/issues/13259>
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people

- LBC
 - [johnngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
- Need etcd-manager+kOps released asap. All upgrades from 1.22.{0,1,2} to 1.22.3 breaks because of missing etcd 3.5.0 binary. [#13118](#)
 - Justin - **P0**
 - Need to release kOps
- ✓ Need *another* etcd-manager release due to [this PR](#) which fixes 1.23/1.24 test failures. This does not break 1.22 though, so we can still do 1.22 release
- Justinsb to review & lgtm <https://github.com/kubernetes/kops/pull/13059> (as agreed in principle!)
- kOps releases with fixes for etcd 3.5.0 / 3.5.1 issue
- justinsb to review open GCP PRs in kOps

Open Discussion [timebox to N min]:

- [arnaud]: how to go into production with oci-proxy
 - We need a final name for the mirror: registry.k8s.io
 - We can put that into kOps 1.24 “now”, once it is set up
 - For backports, it’s harder, but we can probably figure out a way to do it (e.g. make it optional)
- ✓ [hakman] Containerd bundling without runc and failing distro e2e with latest builds
 - <https://github.com/containerd/containerd/pull/6531#issuecomment-1036270914>
 - Decision: use runc from <https://github.com/opencontainers/runc/releases/> as recommended by containerd maintainers (for containerd > v1.6.0)
 - DONE
- ✓ [hakman] k8s registry via CDN proxy
- Artifact distribution for non-k8s distribution
 - <https://github.com/kubernetes/sig-release/blob/master/release-engineering/artifacts.md>
- [kind/office-hours](#)
- [Blocks-next](#)
-

Recurring Topics [timebox to N min]:

- ✓ Etcd-manager release with new ipv6 fix
- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 - Check if release needed because of etcd-manager - **justinsb** to check if needed
- 1.22.4 ([merged cherrypicks](#), [open cherrypicks](#))
 - [#13118](#) will likely need a release - **justinsb** to do
- 1.23.0-beta.2 ~~1.23.0-beta.3~~
 - [graceful node shutdown](#)
 - Probably yes, incorporate etcd-manager; want to pick up AWS CCM & IPv6 private topologies as well - **justinsb** to do
 - Want to pick up containerd 1.6
 - Need an etcd-manager fix before release
 - Justinsb to do release of beta3 - **justinsb**

- Will review on Thursday 17th where we stand on releases of LBC, containerd, etcd-manager, any PRs

Feb 11th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - n/a

Review Action Items from last time:

- Failing e2e tests:
 - Gce-latest & gce-stable: started failing 12/18
 - Justinsb PR outstanding to fix more of these: <https://github.com/kubernetes/test-infra/pull/24755>
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - [Scenario-terraform](#): looks like some problem with IRSA - Fixed ✓
 - [johnngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look - **P0**
 - Justinsb: Recently problems with container-runtime flag.
 - [Sent PR](#)
 - Justinsb: Previously, it is indeed an [IRSA problem](#) with the aws-cloud-controller-manager pod
 - [Sent PR](#)
 - Imagedebian10
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
 - IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johnngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
 - Need etcd-manager+kOps released asap. All upgrades from 1.22.{0,1,2} to 1.22.3 breaks because of missing etcd 3.5.0 binary. [#13118](#)
 - Justin - **P0**
 - Need to release kOps
 - Need *another* etcd-manager release due to [this PR](#) which fixes 1.23/1.24 test failures. This does not break 1.22 though, so we can still do 1.22 release
 - Justinsb to review & lgtm <https://github.com/kubernetes/kops/pull/13059> (as agreed in principle!)
 - kOps releases with fixes for etcd 3.5.0 / 3.5.1 issue
 -

Open Discussion [timebox to N min]:

- [hakman] Containerd bundling without runc and failing distro e2e with latest builds
 - <https://github.com/containerd/containerd/pull/6531#issuecomment-1036270914>
 - Decision: use runc from <https://github.com/opencontainers/runc/releases/> as recommended by containerd maintainers (for containerd > v1.6.0)
- [hakman] k8s registry via CDN proxy
- [kind/office-hours](#)
- [Blocks-next](#)
-

Recurring Topics [timebox to N min]:

- Etcid-manager release with new ipv6 fix
- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 - Check if release needed because of etcd-manager - **justinsb** to check if needed
- 1.22.4 ([merged cherrypicks](#), [open cherrypicks](#))
 - [#13118](#) will likely need a release - **justinsb** to do
- 1.23.0-beta.3
 - [graceful node shutdown](#)
 - Probably yes, incorporate etcd-manager; want to pick up AWS CCM & IPv6 private topologies as well - **justinsb** to do
 - Want to pick up containerd 1.6
 - Need an etcd-manager fix before release
 - Justinsb to do release of beta3 - **justinsb**
 - Will review on Thursday 17th where we stand on releases of LBC, containerd, etcd-manager, any PRs

Feb 17th, 2022

Attendees:

Justin SB - Google

•

Review Action Items from last time:

- Failing e2e tests:
 - Gce-latest & gce-stable: started failing 12/18
 - Justinsb PR outstanding to fix more of these:
<https://github.com/kubernetes/test-infra/pull/24755>
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Justinsb Opened [PR](#) to fix
 - **Scenario-terraform**: looks like some problem with IRSA - Fixed ✓
 - [johngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look - **P0**
 - Justinsb: Recently problems with container-runtime flag.
 - [Sent PR](#)
 - Justinsb: Previously, it is indeed an [IRSA problem](#) with the aws-cloud-controller-manager pod
 - [Sent PR](#)
 - Imagedebian10
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
 - [#13259](#)
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
- Need etcd-manager+kOps released asap. All upgrades from 1.22.{0,1,2} to 1.22.3 breaks because of missing etcd 3.5.0 binary. [#13118](#)
 - Justin - **P0**
 - Need to release kOps
- Need *another* etcd-manager release due to [this PR](#) which fixes 1.23/1.24 test failures. This does not break 1.22 though, so we can still do 1.22 release
- Justinsb to review & lgtm <https://github.com/kubernetes/kops/pull/13059> (as agreed in principle!)
- kOps releases with fixes for etcd 3.5.0 / 3.5.1 issue
 -

Open Discussion [timebox to N min]:

- [hakman] Containerd bundling without runc and failing distro e2e with latest builds
 - <https://github.com/containerd/containerd/pull/6531#issuecomment-1036270914>
 - Decision: use runc from <https://github.com/opencontainers/runc/releases/> as recommended by containerd maintainers (for containerd > v1.6.0)
- [hakman] k8s registry via CDN proxy
- [kind/office-hours](#)
- [Blocks-next](#)
-

Recurring Topics [timebox to N min]:

- Etc-d-manager release with new ipv6 fix
- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 - Check if release needed because of etc-d-manager - **justinsb** to check if needed
- 1.22.4 ([merged cherrypicks](#), [open cherrypicks](#))
 - [#13118](#) will likely need a release - **justinsb** to do
- 1.23.0-beta.3
 - [graceful node shutdown](#)
 - Probably yes, incorporate etc-d-manager; want to pick up AWS CCM & IPv6 private topologies as well - **justinsb** to do
 - Want to pick up containerd 1.6
 - Need an etc-d-manager fix before release
 - Justinsb to do release of beta3 - **justinsb**
 - Will review on Thursday 17th where we stand on releases of LBC, containerd, etc-d-manager, any PRs

Jan 28th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - n/a
- Arnaud Meukam
- Eric Blumenau, Sprout Social

Review Action Items from last time:

- Failing e2e tests:
 - Gce-latest & gce-stable: started failing 12/18
 - PR outstanding to fix more of these:
<https://github.com/kubernetes/test-infra/pull/24755>
 - Ha-euwest1: is this still [k/k#89178](#)?
 - **Scenario-terraform**: looks like some problem with IRSA
 - [johngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look - **P0**
 - Imagedebian10
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
 - ~~K8s 1.22/kops 1.22 to k8s 1.23/kops 1.24 kubetest can't download kubectl 1.23?~~
[olemarkus] missing v in k8s version. Fixed now.
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
- IPv6
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - LBC
 - [johngmyers] ticket filed with AWS on NLB IPv6 IP targets not working
- etcd-adm - vendor pattern - <https://github.com/kubernetes-sigs/etcdadm/pull/275> ✓
 - ~~Justinsb to look~~ lgtm; I think it's because we need to match the parent .gitignore
- [kubernetes-sigs/etcdadm#275](#) - Review from Justin ✓
- [kubernetes/test-infra#24647](#) - Milestone applier for 1.24 ✓

Open Discussion [timebox to N min]:

- Need etcd-manager+kOps released asap. All upgrades from 1.22.{0,1,2} to 1.22.3 breaks because of missing etcd 3.5.0 binary. [#13118](#)
 - Justin - **P0**
- [arnaud]: Enable Google CDN for artifacts.k8s.io
 - Risk of flakiness
- [kind/office-hours](#)
 - Justinsb to review & lgtm <https://github.com/kubernetes/kops/pull/13059> (as agreed in principle!)
 - To fix <https://github.com/kubernetes/kops/issues/13118> we will need to release etcd-manager with 3.5.0 and fix the upgrade issue; will need to put that version of

etcd-manager into kOps and probably release kOps versions to include new etcd-manager

- There is a workaround, but still P0 to fix:
<https://github.com/kubernetes/kops/issues/13118#issuecomment-1021419953>

○

- [Blocks-next](#)

○

●

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 - Check if release needed because of etcd-mangaer
- 1.22.4 ([merged cherrypicks](#), [open cherrypicks](#))
 - [#13118](#) will likely need a release - **justinsb** to do
- 1.23.0-beta.3
 - Probably yes, incorporate etcd-manager; want to pick up AWS CCM & IPv6 private topologies as well - **justinsb** to do

Jan 20th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- official retirement of <https://github.com/kopeio/etcd-manager> ✓
 - justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!
- Failing e2e tests:
 - Gce-latest & gce-stable: started failing 12/18
 - PR outstanding to fix more of these
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Scenario-terraform: looks like some problem with IRSA
 - [johngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look
 - Imagedebian10
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
 - K8s 1.22/kops 1.22 to k8s 1.23/kops 1.24 kubetest can't download kubect! 1.23?
 - K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
- IPv6
 - IPv6-only subnets ✓
 - Topology: [#12886](#) use cases

- Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
- [olemarkus] IPv6 only [[#12879](#)] ✓
 - Can we do a release of etcd-manager with ipv6 support? ✓
 - Justinsb to do; document the process
 - Remaining problems are tagging and changelog
 - Justinsb also to back-tag recent old releases
- etcd-adm - vendor pattern - <https://github.com/kubernetes-sigs/etcdadm/pull/275>
 - Justinsb to look

Open Discussion [timebox to N min]:

- [kubernetes-sigs/etcdadm#275](#) - Review from Justin
- [kubernetes/test-infra#24647](#) - Milestone applier for 1.24
- [kind/office-hours](#)
-
- [Blocks-next](#)
-

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
-
- 1.22.4 ([merged cherrypicks](#), [open cherrypicks](#))
-
- 1.23.0-beta.3

IPv6 topology

Jan 14th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- official retirement of <https://github.com/kopeio/etcd-manager>
 - justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!
- Failing e2e tests:
 - Gce-latest & gce-stable: started failing 12/18
 - PR outstanding to fix more of these
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Scenario-terraform: looks like some problem with IRSA
 - [johngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look
 - distro-imageflatcar instances don't boot ✓
 - Calico-rhel8-k20-ko22: calico-kube-controllers can't talk to apiserver? ✓

- Imagedebian10
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
- Cni-weave ✓
- K8s 1.22/kops 1.22 to k8s 1.23/kops 1.24 kubetest can't download kubectl 1.23?
- K8s 1.22/kops 1.24 to k8s 1.23/kops 1.24 NodeLease failures? Also flaking on k8s 1.20 to 1.21
- IPv6
 - IPv6-only subnets
 - Topology: [#12886](#) use cases
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - [olemarkus] IPv6 only [[#12879](#)]
 - Can we do a release of etcd-manager with ipv6 support?
 - Justinsb to do; document the process
 - Remaining problems are tagging and changelog
 - Justinsb also to back-tag recent old releases
- etcd-adm - vendor pattern - <https://github.com/kubernetes-sigs/etcdadm/pull/275>
 - Justinsb to look
- 1.22.3 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.22.4 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.23.0-beta.3
 - IPv6 topology

Jan 6th, 2022

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- KCM to CCM migration
 - What about GCE? ✓ Justinsb to check the status of GCE CCM? ✓
 - Justinsb to check release process of GCE CCM images
 - Azure?
- official retirement of <https://github.com/kopeio/etcd-manager>

- justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!
- Release process-how to get tag created with merge of release commit - [#12805](#) ✓
 - John to contact Augustus to get help from release team
- Failing e2e tests:
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Scenario-terraform: looks like some problem with IRSA
 - [johngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look
 - distro-imageflatcar instances don't boot
 - Calico-rhel8-k20-ko22: calico-kube-controllers can't talk to apiserver?
 - Don't care about k20, but the k21 are also failing
 - justinsb to look
 - Imagedebian10
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
 - Cni-weave
 - Justinsb to look
 - Pinned to k8s 1.22, now failing RuntimeClass - hakman to skip test
- IPv6
 - IPv6-only subnets
 - Depends on Resource Based Names: [#12824](#)
 - Topology: [#12886](#) use cases
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - [olemarkus] IPv6 only [[#12879](#)]
 - Can we do a release of etcd-manager with ipv6 support?
 - Justinsb to do; document the process
 - Remaining problems are tagging and changelog
 - Justinsb also to back-tag recent old releases
- etcd-adm - vendor pattern - <https://github.com/kubernetes-sigs/etcdadm/pull/275>
 - Justinsb to look

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.22.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - To be cut
- 1.23.0-beta.3
 - IPv6 topology

Dec 17th, 2021

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - n/a

Review Action Items from last time:

- KCM to CCM migration
 - What about GCE? Justinsb to check the status of GCE CCM?
 - Azure?
- official retirement of <https://github.com/kopeio/etcd-manager>
 - justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!
- Release process-how to get tag created with merge of release commit - [#12805](#)
 - John to contact Augustus to get help from release team
- Failing e2e tests:
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Scenario-terraform: looks like some problem with IRSA
 - [johngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look
 - distro-imageflatcar instances don't boot
 - Calico-rhel8-k20-ko22: calico-kube-controllers can't talk to apiserver?
 - Don't care about k20, but the k21 are also failing
 - justinsb to look
 - Imagedebian10
 - Justinsb to look
 - Containerd change broke this - hakman to file issue
 - Cni-weave
 - Justinsb to look
 - Pinned to k8s 1.22, now failing RuntimeClass - hakman to skip test
- IPv6
 - IPv6-only subnets
 - Depends on Resource Based Names: [#12824](#)
 - Topology: [#12886](#) use cases
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
 - [olemarkus] IPv6 only [[#12879](#)]
 - Can we do a release of etcd-manager with ipv6 support?
 - Justinsb to do; document the process
 - Remaining problems are tagging and changelog
 - Justinsb also to back-tag recent old releases
- etcd-adm - vendor pattern - <https://github.com/kubernetes-sigs/etcdadm/pull/275>
 - Justinsb to look
- 1.23.0.beta.1 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.22.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - To be cut
- 1.23.0-beta.2

Dec 9th, 2021

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - n/a

Review Action Items from last time:

- Justinsb to look at GCS PR
 - Justinsb TODO ✓
- KCM to CCM migration
 - What about GCE? Justinsb to check the status of GCE CCM?
 - Azure?
 - Breaking arm64 jobs ([cloud-provider-aws#219](#)) ✓
- ciprian/hakman to take a look at grid jobs to see if we have / can create a job for running conformance that we can then populate ✓
- official retirement of <https://github.com/kopeio/etcd-manager>
 - justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!
- Release process-how to get tag created with merge of release commit - [#12805](#)
 - John to contact Augustus to get help from release team
- Failing e2e tests:
 - Conformance tests are highly flaky ✓
 - All arm64 tests: bad CCM build? Has issue been filed? ✓
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Upgrade-k121-ko121-to-k122-ko122: MetricsGrabber test highly flaky ✓
 - Upgrade-k122-ko122-to-klatest-kolatest: NodeLease flaky. Invalid due to 2-version k8s bump? ✓ passing for now
 - Scenario-terraform: looks like some problem with IRSA
 - [johngmyers] I can't IRSA from my test env. Can anyone else investigate?
 - justinsb to look
 - Distro-imagecentos7, imagerhel7: flaky sig-storage ✓ removed rhel/centos 7

- distro-imagedebian9, imageflatcar, imagerhel7: instances don't boot?
 - Flatcar still failing
- Distro *-k21-ko21-*: MetricsGrabber ✓ (?)
- Calico-rhel8-k20-ko22: calico-kube-controllers can't talk to apiserver?
 - Don't care about k20, but the k21 are also failing
 - justinsb to look
- IPv6
 - IPv6-only subnets
 - Depends on Resource Based Names: [#12824](#)
 - Topology: Filed issue [#12886](#) to gather use cases
- etcd-adm - vendor pattern - <https://github.com/kubernetes-sigs/etcdadm/pull/275>
 - Justinsb to look

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -
- [johngmyers] Failing e2e tests:
 - Imagedebian10
 - Justinsb to look
 - Cni-weave
 - Justinsb to look
- [johngmyers] IPv6
 - IPv6-only subnets
 - Depends on Resource Based Names: [#12824](#)
 - Topology use cases [#12886](#)
 - Convincing use case for both dual-stack and v6-only private subnets in same cluster
 - External-dns
 - [external-dns#2309](#) author "waiting on an developer from external-dns to review this before continuing"
 - Justinsb to ping people
 - Filed [external-dns#2461](#), ready for review
 - Justinsb to ping people
- [olemarkus] IPv6 only [[#12879](#)]
 - Can we do a release of etcd-manager with ipv6 support?
 - Justinsb to do; document the process
 - Remaining problems are tagging and changelog
 - Justinsb also to back-tag recent old releases

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.22.3 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.23.0.beta.1

- Pull in k/k 1.23.0 dependencies ✓
- Let's do it :-)
- hakman to do it!

Dec 3rd, 2021

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Peter Rifel - DataDog
- Ciprian Hacman - n/a

Review Action Items from last time:

- Justinsb to look at GCS PR
 - Justinsb TODO
- [#12676](#) KCM to CCM migration
 - Done for AWS
 - OpenStack, DO currently external CCM
 - What about GCE, Azure?
 - Breaking arm64 jobs ([cloud-provider-aws#219](#))
- ciprian/hakman to take a look at grid jobs to see if we have / can create a job for running conformance that we can then populate
 - [Example kOps 1.21 conformance submission](#)
 - [Failing 1.22 job using kubetest2](#)
 - Decision: set to run serial
- official retirement of <https://github.com/kopeio/etcd-manager>
 - justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!
- Release process-how to get tag created with merge of release commit - [#12805](#)
 - John to contact Augustus to get help from release team
- 1.21.3 ✓ (as 1.21.4)
- 1.22.2 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -
- [johngmyers] Failing e2e tests:
 - Conformance tests are highly flaky
 - Cni-calico-ipv6-u2204 is expected-fail
 - All arm64 tests: bad CCM build? Has issue been filed?
 - Ha-euwest1: is this still [k/k#89178](#)?
 - Upgrade-k121-ko121-to-k122-ko122: MetricsGrabber test highly flaky
 - Upgrade-k122-ko122-to-klatest-kolatest: NodeLease flaky. Invalid due to 2-version k8s bump?
 - Scenario-terraform: looks like some problem with IRSA

- Distro-imagecentos7, imagerhel7: flaky sig-storage
- distro-imagedebian9, imageflatcar, imagerhel7: instances don't boot?
- Distro *-k21-ko21-*: MetricsGrabber
- Calico-rhel8-k20-ko22: calico-kube-controllers can't talk to apiserver?
- [johngmyers] IPv6
 - NodeLocalDNS DNS64: k/dns PR was merged, is there a release or tag to use?
 - IPv6-only subnets
 - Depends on Resource Based Names: [#12862](#), [#12824](#)
 - Make default for IPv6 private topology?
 - IPv6 public topology default to dual-stack subnets?
 - External-dns
 - [external-dns#2309](#) but author is high-latency
- [olemarkus] IPv6 only [[#12879](#)]
 - What kops create flags should be used for ipv6-only networking?
 - Can we do a release of etcd-manager with ipv6 support?

Recurring Topics [timebox to N min]:

- 1.21.5 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.22.3 ([merged cherrypicks](#), [open cherrypicks](#))
 -
- 1.23.0.beta.1
 - Pull in k/k 1.23.0 dependencies
 -

Nov 25th, 2021

Meeting cancelled due to a US holiday.

Nov 19th, 2021

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Peter Rifel - DataDog
-

Review Action Items from last time:

- justinsb/ole - Ipv6 IPAM ✓
- Justinsb to keep looking at failed upgrade tests, after flag fix and etcd-manager bump ✓
 - Justinsb to check and cherry-pick
- Justinsb to look at GCS PR
 - Justinsb TODO
- [#12676](#) KCM to CCM migration
 - Enable Leader Migration? Had to revert.
 - Add a new role/rolebinding as an addon

- ciprian/hakman to take a look at grid jobs to see if we have / can create a job for running conformance that we can then populate
- justinsb to create release notes for new etcd-manager release. Including tags. ✓
 - Justinsb to upload notes to github and PR the docs
- official retirement of <https://github.com/kopeio/etcd-manager>
 - justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!
-

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -
- Gossip DNS internal resolution - multiple ways, now via services
- Addons progress
- Release process-how to get tag created with merge of release commit
 - John to contact Augustus to get help from release team
- Ciprian - Proposal to squash-merge the release PR

Recurring Topics [timebox to N min]:

- 1.21.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - Etcd-manager bump
 - Justinsb to do
 - John will cut the release
- 1.22.2 ([merged cherrypicks](#), [open cherrypicks](#))
 - Update external-dns ✓
 - Etcd-manager bump
 - Justinsb to do
 - John will cut the release
- 1.23.0
 - More alphas?
 - Justinsb to do another alpha for etcd-manager bump
 - ~~Verify ipv6 (may need to set cloudprovider=aws also)~~

Nov 11th, 2021

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- justinsb/ole - Ipv6 IPAM
 - justinsb to add some docs (some were added [here](#))
 - Including around current status, limitations, (maybe links to known issues if they can't easily be fixed). Probably open issue in AWS VPC CNI.
- ~~justinsb [#12515](#) copy 1.20.3 and v1.21.2 to S3 ✓~~

- Justinsb to keep looking at failed upgrade tests, after flag fix and etcd-manager bump

Open Discussion [timebox to N min]:

- Is Friday a bad time for people? Shall we change that meeting time?
 - May have been due to Daylight Savings Time.
- [kind/office-hours](#)
 - Justinsb to look at GCS PR
- [Blocks-next](#)
 -
- [johngmyers] [#12676](#) KCM to CCM migration
 - Enable Leader Migration?
- [johngmyers] Updating conformance results for 1.22
 - ciprian/hakman to take a look at grid jobs to see if we have / can create a job for running conformance that we can then populate
- [hakman] etcd-manager releases and notes
 - justinsb to create release notes for new etcd-manager release. Including tags. This is a regression compared to kopeio/etcd-manager.
- [hakman] official retirement of <https://github.com/kopeio/etcd-manager>
 - justinsb to update readme and create pointer to new project (also make sure no open PRs). Make it read-only!

Recurring Topics [timebox to N min]:

- 1.21.3 ([merged cherrypicks](#), [open cherrypicks](#))
 - Etcd-manager bump
 - Justinsb to do
- 1.22.2 ([merged cherrypicks](#), [open cherrypicks](#))
 - Update external-dns
 - Justinsb to do
 - Etcd-manager bump
 - Justinsb to do
- 1.23.0
 - More alphas?
 - Justinsb to do another alpha for etcd-manager bump
 - Verify --ipv6 (may need to set --cloudprovider=aws also)

Nov 5th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
-

Review Action Items from last time:

- justinsb/ole - Ipv6 IPAM
 - justinsb to add some docs (some were added [here](#))
 - Including around current status, limitations, (maybe links to known issues if they can't easily be fixed). Probably open issue in AWS VPC CNI.

- ~~justinsb - #12515 copy 1.20.3 and v1.21.2 to S3 ✓~~

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -
- [johngmyers] [#12676](#) KCM to CCM migration
 - Enable Leader Migration?
- [johngmyers] Updating conformance results for 1.22
- [hakman] etcd-manager releases and notes
- [hakman] official retirement of <https://github.com/kopeio/etcd-manager>
- [hakman] [#12687](#) maybe we can quickly decide what to do about the name

Recurring Topics [timebox to N min]:

- 1.21.3
 - Etcd-manager bump
- 1.22.2
 - Update external-dns
 - Etcd-manager bump
- 1.23.0
 - More alphas?

Oct 28th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint

Review Action Items from last time:

- justinsb/ole - Helm applier ✓
- justinsb/ole - Ipv6 IPAM
 - justinsb to add some docs (?)
 - Including around current status, limitations, (maybe links to known issues if they can't easily be fixed). Probably open issue in AWS VPC CNI.
 - [Cilium host -> service IP issue](#) (breaks webhooks) ✓
- justinsb - [#12515](#) copy 1.20.3 and v1.21.2 to S3
- 1.22.1 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -
- Systemd upgrade happening
 - <https://github.com/systemd/systemd-stable>
- Discussion of upgrade failures:
 - Dns-controller issue during upgrades where pod never starts:

- [Scheduler](#) - 11:07:32 bound to node but “expired” at 11:08:03
- [Kubelet logs](#) of that node never mention dns-controller
- [Nodes](#) and [pods](#)
- Dns-controller pod has status of “PodScheduled” with phase "Pending"

●

Recurring Topics [timebox to N min]:

- 1.21.3
 -
- 1.22.2
 - Update external-dns

Oct 22nd, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- Peter Rifel - DataDog
- John Gardiner Myers - Proofpoint

Review Action Items from last time:

- justinsb/ole - Helm applier
 - [#12156](#) Justinsb to do an alternative implementation
- justinsb/ole - Ipv6 IPAM
 - justinsb to add some docs (?)
 - Including around current status, limitations, (maybe links to known issues if they can't easily be fixed). Probably open issue in AWS VPC CNI.
 - [Cilium host -> service IP issue](#) (breaks webhooks)
- justinsb - [#12515](#) copy 1.20.3 and v1.21.2 to S3

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -

●

Recurring Topics [timebox to N min]:

- 1.21.3
 -
- 1.22.1
 - [#12374](#) - nil pointer dereference when no cluster spec.containerd
 - John to cut this weekend (includes 12374 and a few other important things)

Oct 14th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google

- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - [#12156](#) Justinsb to do an alternative implementation
- justinsb/ole - Ipv6 IPAM
 - justinsb to add some docs (?)
- Hakman - 1.20.3 & 1.21.2 ✓
 - Justinsb to copy 1.20.3 to S3
- Johngmyers - 1.22.0

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -
-

Recurring Topics [timebox to N min]:

- 1.20.4
 -
- 1.21.3
 -
- 1.22.1
 -

Oct 8th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - [#12156](#) Justinsb to do an alternative implementation
- justinsb/ole - Ipv6 IPAM
 - justinsb to add some docs (?)
- Johngmyers - 1.22.0-beta.2 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [Blocks-next](#)
 -
- [hakman] - [etcdadm/#245](#) etcd-manager build for 1.22 with updated deps + small fix

- done
- [justinsb] .bazel-bin WIP tweak to help VSCode / gopls [12498](#)
- [peter] [cilium ipv6](#) is failing due to hostNetwork pods not being able to reach cluster service IPs. help appreciated

Recurring Topics [timebox to N min]:

- 1.20.3
 - [Outstanding changes](#)
 - Ciprian to cut release
- 1.21.2
 - [Outstanding changes](#)
 - Backport fix / release note for #12248 (maybe???) - no
 - Cherry-pick AWS cloudprovider - missed this, next time
 - Ciprian to cut release
- 1.22 track
 - Peter to add release note on Cilium and old-kernel distros
 - John plans to release Thurs/Fri
 - [Blocks-next](#)
 - [1.22 milestone](#)

Sep 30th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ole Markus With - Sportradar
- Peter Rifel - DataDog

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation
- justinsb/ole - ipv6 IPAM
 - justinsb to add some docs (?)
- Peter - [#12092](#) Terraform Second Provider for managed files ✓
 - Fixed in [#12322](#) and will be in 1.22
 - Extensible enough for other VFS providers and mixing cluster + VFS providers

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 - [#12249](#) Version removal from channels causes single control-plane clusters to apply the new manifest after the control-plane host was replaced (used to be before)
 - Fix in [#12416](#)
 - Breaks kops-controller, OnDelete DaemonSets, and dns-controller which breaks out upgrade jobs

- [Blocks-next](#)
- Peter - [#12141](#) Cilium upgrade in kops 1.22 broke RHEL8 + AL2. Fix or drop?
 - AL2 fixed by using a 5.10 kernel AMI variant

Recurring Topics [timebox to N min]:

- 1.21.2
 - No release this “cycle”
 - Backport fix / release note for [#12248](#) (maybe???)
 - Cherry-pick AWS cloudprovider
- 1.22 track
 - Discuss 1.22 beta.2 in coffee-time
 - Let’s do it!
 - john will do it this weekend:
 - We should wait for signal on the cherry-pick of cgroups 2
 - Also wait for cherry-pick of 9.99.0 version tweak
 - [Blocks-next](#)
 - [1.22 milestone](#)

Sep 24th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Peter Rifel - DataDog

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation
- justinsb/ole - Ipv6 IPAM
 - justinsb to add some docs (?)
- Peter - [#12092](#) Terraform Second Provider for managed files
 - Fixed in [#12322](#) and will be in 1.22
 - Extensible enough for other VFS providers and mixing cluster + VFS providers

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 - v1beta1 (above)
 - [#12249](#) Version removal from channels causes single control-plane clusters to apply the new manifest after the control-plane host was replaced (used to be before)
 - Breaks kops-controller, OnDelete DaemonSets, and dns-controller which breaks out upgrade jobs
- [Blocks-next](#)
- Peter - [#12141](#) Cilium upgrade in kops 1.22 broke RHEL8 + AL2. Fix or drop?
- Peter - [#12335](#) open up kops-controller tolerations

Recurring Topics [timebox to N min]:

- 1.21.2

- No release this “cycle”
- Backport fix / release note for #12248 (maybe???)
- Cherry-pick AWS cloudprovider
- 1.22 track
 - Discuss 1.22 beta.2 in coffee-time
 - [Blocks-next](#)
 - [1.22 milestone](#)

Sep 16th, 2021

Time: 9AM US/Eastern

Attendees:

- Justinsb - Google
- Ole Markus With - Sportradar

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation
- justinsb/ole - Ipv6 IPAM

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 - v1beta1 (above)
- [Blocks-next](#)
 - [#12322](#) terraform managed files with state store in different region
- Arnaud : Artifact promotion is now automated :
<https://github.com/kubernetes/k8s.io/issues/2624>
- Peter : [#12335](#) open up kops-controller tolerations

Recurring Topics [timebox to N min]:

- 1.21.2
 - No release this “cycle”
 - Backport fix / release note for #12248 (maybe???)
 - Cherry-pick AWS cloudprovider
- 1.22 track
 - Discuss 1.22 beta.2 in coffee-time
 - [Blocks-next](#)
 - [1.22 milestone](#)

Sep 10th, 2021

Time: 12PM US/Eastern

Attendees:

- Justinsb - Google
- Peter Rifel - Datadog
- Ciprian Hacman - eyeo

- John Gardiner Myers - Proofpoint

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation
- justinsb/ole - nvidia

Open Discussion [timebox to N min]:

- [johngmyers] [#9178](#) v1beta1 API
- [hakman] IPv4 addresses for IPv6 nodes
- [kind/office-hours](#)
 - v1beta1 (above)
- [Blocks-next](#)
 - Updating cluster calico pods crashlooping (certificates invalidated?) [#12248](#)
 - Likely introduced in 1.22
<https://github.com/kubernetes/kops/pull/11470/files>
 - Decision: revert this and come up with long term solution (possibly change for new clusters only)
 - Addon updates for 1.22 [#12128](#)
 - [#12092](#) terraform managed files with state store in different region?

Recurring Topics [timebox to N min]:

- 1.21.2
 - No release this “cycle”
 - Backport fix / release note for [#12248](#) (maybe???)
 - Cherry-pick AWS cloudprovider
- 1.22 track
 - Discuss 1.22 beta.2 in coffee-time
 - [#11628](#) - Look at nvidia support
 - Last call before merging!
 - [Blocks-next](#)
 - [1.22 milestone](#)

Sep 2nd, 2021

Time: 9AM US/Eastern

Attendees:

- Justinsb - Google
- Peter Rifel - Datadog
- Ciprian Hacman - eyeo
- Ole Markus With - Sportradar
-

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation
- justinsb/ole - nvidia

Open Discussion [timebox to N min]:

- Discussion of IPv6 on AWS, we would like a release with <https://github.com/kubernetes/cloud-provider-aws/pull/251>
- justinsb to review <https://github.com/kubernetes/kops/pull/12112> - still early but useful; maybe have a look at porting to GCE as well
- [kind/office-hours](#)
- [Blocks-next](#)

Recurring Topics [timebox to N min]:

- 1.21.2
 -
- 1.22 track
 - [#11628](#) - Look at nvidia support
 - Justinsb (and others?) to take a look
 - [Blocks-next](#)
 - [1.22 milestone](#)

Aug 27th, 2021

Time: 12PM US/Eastern

Attendees:

- John Gardiner Myers - Proofpoint
- Justinsb - Google
- Alexander Block (codablock)
- Peter Rifel - Datadog
- Rodrigo Menezes - Pinterest
- Arnaud Meukam - Alter Way

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation
- justinsb/ole - nvidia

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- [codablock] - Discuss splitting out addons from kops / using [kluctl](#) to manage addons (PoC deployment project is [here](#))
- [peter] - [#12202](#) long term fix for terraform resource names beginning with digits
- Arnaud - migration of prowjobs to community infrastructure
 - Ownership of gs://kops-ci
 - <https://cs.k8s.io/?q=kops-ci&i=nope&files=&excludeFiles=&repos=>
- Arnaud - promotion process of binaries
 - <https://github.com/kubernetes/k8s.io/tree/main/artifacts>

Recurring Topics [timebox to N min]:

- 1.21.2
 -

- 1.22 track
 - [#11628](#) - Look at nvidia support
 - Justinsb (and others?) to take a look
 - [Blocks-next](#)
 - [1.22 milestone](#)

Aug 19th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint

Review Action Items from last time:

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [Blocks-next](#)
- justinsb - ipv6 on gce
- justinsb/ole - applier & pruner
- justinsb - channels & addons
- justinsb/ole - nvidia

Recurring Topics [timebox to N min]:

- 1.21.1
 -
- 1.22 track
 - [#12170](#) - GCE IPv6 fix
 - [#11628](#) - Look at nvidia support
 - Justinsb (and others?) to take a look
 - [Blocks-next](#)
 - Decision: okay for 1.22 beta

Aug 13th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Mike Splain - Sonos
- Ciprian Hacman - eyeo
- Peter Rifel - Datadog

Review Action Items from last time:

- Test failures due to metrics grabber tests (failing to find k-c-m & scheduler)
 - Scheduler passing
 - Fix for K-c-m in 1.22.1 milestone. Test skipped. ✓

- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation

Open Discussion [timebox to N min]:

- [#12140](#) - Nodeup ignoring system proxies
- [kind/office-hours](#)
- [blocks-next](#)

Recurring Topics [timebox to N min]:

- 1.21.1
 - [12140](#) Proxy issue (?)
 - Fixed by [#12150](#) and cherry-picked to 1.21
- 1.22 track
 - [#11628](#) - Look at nvidia support
 - Justinsb (and others?) to take a look
 - ALB? Controller problem
 - Put in API validation to prevent k8s 1.22 with affected addons
 - [12140](#) Proxy issue (?)
 - [Blocks-next](#)
 - Decision: okay for 1.22 beta

Aug 5th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- Ole Markus With - Sportradar
- Ciprian Hacman - eyeo
- John Gardiner Myers - Proofpoint

Review Action Items from last time:

- Test failures due to metrics grabber tests (failing to find k-c-m & scheduler)
 - Scheduler passing
 - Fix for K-c-m in 1.22.1 milestone. Test skipped.

Open Discussion [timebox to N min]:

- [#12064](#) - [hakman] Disallow the use of legacy addons updated
- [justinsb/ole] Helm applier
 - Justinsb to do an alternative implementation
- [kind/office-hours](#)
- [johngmyers] Difficulty migrating to etcd-manager

Recurring Topics [timebox to N min]:

- 1.21.1
 - [#12076](#) - containerd & runc updates
 - [#12077](#) - coredns update and repo switch back to k8s.gcr.io
 - ~~[#12075](#) - `kops get cluster` vs cluster in kubeconfig~~
 - ~~Not relevant to 1.21~~
- 1.22 track

- Update k8s deps to 1.22 ? ✓ (except k8s.io/kubernetes, which is a dependency of cloud-provider-openstack) ✓ (removed OS dependency)
- [#11628](#) - Look at nvidia support
 - Justinsb (and others?) to take a look
- AWS LB Controller fix (maybe ??) ✓
 - Revert 12023 ✓
 - Make AWS LBC run on masters even when using IRSA ✓
- Decision: not ready to branch for beta yet; start tracking blocking issues
- Remove IRSA feature flag and replace with an API option (UseServiceAccountExternalPermissions) ✓

July 30th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - eyeo
- Peter Rifel - Datadog
- Mike Splain - Sonos

Review Action Items from last time:

- Test failures due to metrics grabber tests (failing to find k-c-m & scheduler)
 - Justinsb (and maybe peter) to look!
- Test failures due to containerd + runc 1.0; now defaults to 1.0.1 (and systemd cgroups)
 - Tests are a little more green

Open Discussion [timebox to N min]:

- [hakman] Cloud provider AWS release, maybe Beta this time?
- [hakman] IPv6 /80 subnets
 - <https://aws.amazon.com/about-aws/whats-new/2021/07/amazon-virtual-private-cloud-vpc-customers-can-assign-ip-prefixes-ec2-instances/>
 - <https://cloud.google.com/compute/docs/ip-addresses/configure-ipv6-address>
- [kind/office-hours](#)

Recurring Topics [timebox to N min]:

- 1.21.1
 - [#12076](#) - containerd & runc updates
 - [#12077](#) - coredns update and repo switch back to k8s.gcr.io
 - [#12075](#) - `kops get cluster` vs cluster in kubeconfig
- 1.22 track
 - Update k8s deps to 1.22 ?
 - [#11628](#) - Look at nvidia support
 - Justinsb (and others?) to take a look

July 22nd, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
-

Review Action Items from last time:

- [olemarkus] [#11712](#) Use helm's kubeclient to apply manifests
- [hakman] [cloud-provider-aws#230](#) IPv6 node address support ✓
- [johngmyers] SSH keys
 - Decision: change default for AWS to zero keys. Poll cloud provider maintainers for appropriate default for their cloud. ✓
- [hakman] LyftVPC unmaintained?
 - Decision: Deprecate in 1.22 for removal in 1.23 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
-

Recurring Topics [timebox to N min]:

- 1.22.0-alpha.2 ✓

July 16th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- Constantine Mavromichalis - Cradlepoint
- Eric Hole - Google PSO
- John Gardiner Myers - Proofpoint
- Annie Talvasto - Cast AI
- Ciprian Hacman - eyeo

Review Action Items from last time:

- [olemarkus] [#11712](#) Use helm's kubeclient to apply manifests
 - Justin to review ✓
- [[hakman] [cloud-provider-aws#230](#) IPv6 node address support
- [johngmyers] Key rotation progress ✓
-

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [johngmyers] SSH keys
 - Decision: change default for AWS to zero keys. Poll cloud provider maintainers for appropriate default for their cloud.
- [johngmyers] symmetric secrets
- [hakman] LyftVPC unmaintained?

- Decision: Deprecate in 1.22 for removal in 1.23
- [hakman] Nvidia settings, cluster or containerd spec?
 -
-

Recurring Topics [timebox to N min]:

- 1.22.0-alpha.2 - TBD

July 8th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- Bryant - Apple
- Peter Rifel - Datadog
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - eyeo

Review Action Items from last time:

- [olemarkus] [#11712](#) Use helm's kubeclient to apply manifests
 - Justin to review
- [hakman] [etcdadm#205](#) Remove support for etcd v2 from etcd-manager ✓
 - John reviewed it
- [[hakman] [cloud-provider-aws#230](#) IPv6 node address support
- [johngmyers] Key rotation progress
-

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [johngmyers] shell completion demo
- [hakman] [etcdadm#236](#) remove some of the bundled etcd packages to sync with k/k
- [hakman] etcd-manager release to include support for etcd v3.5?
 - [johngmyers] I need a release for key rotation
- [hakman] etcd-manager disk resize one shoot or periodic (like backup)
-

Recurring Topics [timebox to N min]:

- 1.21.0 - Done
- 1.22.0-alpha.2 - TBD

July 2nd, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Buster - Apple

Review Action Items from last time:

- [olemarkus] using helm's kube client for applying kOps manifests [#11712](#)

- Justin to review
- [cloud-provider-aws#230](#) IPv6 node address support
- [johngmyers] Key rotation progress
- [johngmyers] [#11796](#) Write config as ManagedFile ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 - Call for people to look at the existing syntax
- [#11911](#) - [hakman] clusters will not start with latest/ci version of k/k
- [etcdadm/#205](#) - [hakman] would like a review here, I think this is a prerequisite for etcd v3.5.0 (default version for 1.22)
- [johngmyers] Renaming “ca”

Recurring Topics [timebox to N min]:

- 1.21.0
 -
-

June 24th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- Bryant - Apple
- Ciprian Hacman - eyeo
- John Gardiner Myers - Proofpoint

Review Action Items from last time:

- [olemarkus] using helm's kube client for applying kOps manifests [#11712](#)
 - Justin to review
- [cloud-provider-aws#230](#) IPv6 node address support
- 1.20.2 Release ✓
- -
- [johngmyers] Key rotation progress
 - [#11845](#) Retain deleted keypairs
- [johngmyers] [#11796](#) Write config as ManagedFile
- [hakman] [#11849](#) Use host network for ebs-csi-controller in IPv6 only clusters
 - Decision: For now skip the storage tests

Recurring Topics [timebox to N min]:

- 1.21.0
 - [hakman] [#11855](#) Handle containerExec hooks when using containerd
 - Decision: Merge and cherry-pick also to 1.20
-

June 18th, 2021

Time: 12PM US/Eastern

Attendees:

- John Gardiner Myers - Proofpoint
- Justin SB - Google
- Ciprian Hacman - eyeo

Review Action Items from last time:

- [hakman] [#11523](#) Calculate IPv6 subnet CIDR based on cluster CIDR ✓
- [johngmyers] [#11219](#) Refactor keypair code in preparation for secret rotation ✓
- [johngmyers] Release process documentation
 - Attended SIG Release meeting
- [johngmyers] Local asset repositories
 - E2e test?
 - Peter to ask k8s.io
- [olemarkus] using helm's kube client for applying kOps manifests [#11712](#)
 - Justin to review
- [cloud-provider-aws#230](#) IPv6 node address support
- 1.20.2 Release
- 1.21.0 GA

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- [#11717](#) Pre-pull all container images used by components and addons
 - Decision: remove Images field from cluster spec for now
- IPv6 NonMasqueradeCIDR default: fixed, ULA or /64#0
 - Decision: None for now!
- [#9229](#) Put versioned API of cluster into state store

Recurring Topics [timebox to N min]:

- **1.21.0**
 - [#11714](#) Update controller-runtime to v0.9.0
 - Decision: Take for 1.21.1
 - Decision: cut release
- **1.20.2**
 - Docker upgrade
 - Target same time as 1.21.0

June 10th, 2021

Time: 9AM US/Eastern

Attendees:

- John Gardiner Myers
-

Review Action Items from last time:

- [hakman] [#11523](#) Calculate IPv6 subnet CIDR based on cluster CIDR
 - Review in progress
- [#11329](#) IMDSv2: Enable with hop limit 1 all nodes newer k8s versions ✓
- [johngmyers] [#11219](#) Refactor keypair code in preparation for secret rotation
- [johngmyers] Release process documentation
 - Documentation is missing information on where to get tools.
 - Justinsb to try compiling k8s-image-promoter on mac
 - They plan to remove Bazel
- [#11639](#) SpecOverride: Ciprian to gather missing use cases and file or reference corresponding issues ✓
- [johngmyers] Local asset repositories
 - Move copy tasks out of apply_cluster ✓
 - E2e test?
 - Peter to ask k8s.io
- 1.21.0-beta.3 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
 -
- using helm's kube client for applying kOps manifests [#11712](#)
- [cloud-provider-aws#230](#) IPv6 node address support

Recurring Topics [timebox to N min]:

- 1.21.0
 - [#11714](#) Update controller-runtime to v0.9.0
 - Decision: Take for 1.21.1
 - Decision: cut release
- 1.20.2
 - Docker upgrade
 - Target same time as 1.21.0

June 4th, 2021

Time: 12PM US/Eastern

Attendees:

- John Gardiner Myers - Proofpoint
- Bryant - Apple

-
- Review Action Items from last time:**

- [hakman] [#11523](#) Calculate IPv6 subnet CIDR based on cluster CIDR
 - Review in progress
- [#11329](#) IMDSv2: Enable with hop limit 1 all nodes newer k8s versions
- [johngmyers] [#11219](#) Refactor keypair code in preparation for secret rotation
- [johngmyers] Release process documentation
 - Documentation is missing information on where to get tools.
 - k8s-container-image-promoter doesn't compile on Mac. [Filed bug.](#) ✓
 - Need to document steps that are only applicable to stable releases as such. ✓
 - It looks like some of these require credentials? ✓ hack/
 - Not for 1.21+ ✓
 - Try not pushing to S3 / dockerhub for 1.21.0 ✓
 - Cherry-pick the PR removing push to S3 ✓
 - Justinsb to try compiling k8s-image-promoter on mac

-
- Open Discussion [timebox to N min]:**

- [kind/office-hours](#)
 - [#11639](#) SpecOverride: Ciprian(?) to gather missing use cases and file or reference corresponding issues
- [johngmyers] Local asset repositories
 - [#11656](#) Fix copying of images from docker.io
 - [#11654](#) Create document on asset repositories
 - Move copy tasks out of apply_cluster?
 - Yes, future PR
 - E2e test?
 - Peter to ask k8s.io
- [johngmyers] [k/k#102382](#) Unnecessary preemption during DaemonSet rolling update

-
- Recurring Topics [timebox to N min]:**

- **1.21.0-beta.3?**
 - [#11677](#) - keep or revert?
 - Decision: Keep
 - Golang upgrade 1.16.5
 - Docker upgrade
 - Target date for 1.21.0
- 1.20.2
 - Docker upgrade
 - Target same time as 1.21.0
- **1.22.0-alpha.2**
 - After some basic IPv6 setup docs?

May 27th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- Bryant - Apple
- Ole Markus - Sportradar
- Ciprian Hacman - yeo
- Marc Schmitt - EPITA
- John Gardiner Myers - Proofpoint
- Peter Rifel - Datadog

Review Action Items from last time:

- [hakman] [#11523](#) Calculate IPv6 subnet CIDR based on cluster CIDR
 - Justin will take a look at the options so that we can decide how to move forward
- [#11329](#) IMDSv2: Enable with hop limit 1 all nodes newer k8s versions
- [johngmyers] [#11219](#) Refactor keypair code in preparation for secret rotation
- [johngmyers] Release process documentation
 - Documentation is missing information on where to get tools.
 - k8s-container-image-promoter doesn't compile on Mac. [Filed bug.](#)
 - Need to document steps that are only applicable to stable releases as such.
 - It looks like some of these require credentials?
 - Not for 1.21+
 - Try not pushing to S3 / dockerhub for 1.21.0
 - Cherry-pick the PR removing push to S3
 - Justinsb to try compiling k8s-image-promoter on mac
- [hakman] [#11537#issuecomment-844706028](#) Kubecfg overwritten in kOps 1.19
 - Justin to look into this. ✓
- 1.21.0-beta.2 ✓

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [risson] [#11609](#) reworking OpenStack authentication (cf. [discussion on Slack](#))
- [hakman] AWS EBS CSI driver at the moment only for new clusters. Why?
- [hakman] GCE and Azure graduation path
- [hakman] Kubecon proposals
-

Recurring Topics [timebox to N min]:

- **1.21.0**
 - Target June 5?
- **1.22.0-alpha.2**
 - Can I get my addons PR? :-) I will address failures/feedback ([9374](#))

May 21st, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- Bryant - Apple
- Rodrigo Menezes - Pinterest
- John Gardiner Myers - Proofpoint
- Peter Rifel - Datadog
- Matt Summers - Syapse

Review Action Items from last time:

- [johngmyers] [#11163](#) IPv6 support for VPC and subnet
 - [hakman] [#11523](#) Calculate IPv6 subnet CIDR based on cluster CIDR
 - Justin will take a look at the options so that we can decide how to move forward
- IMDSv2: Enable with hop limit 1 all nodes newer k8s versions
- [hakman] [#11522](#) Release images.tar.gz instead of individual images in GitHub
- [johngmyers] [#9621](#) Refactor keypair code in preparation for secret rotation
- [johngmyers] Release process documentation
 - Documentation is missing information on where to get tools.
 - k8s-container-image-promoter doesn't compile on Mac.
 - How does one review a k8s.io promotion PR? [kubernetes/k8s.io#2046](#)
 - Need to document steps that are only applicable to stable releases as such.
 - When do we update conformance results?
 - .0 release
 - It looks like some of these require credentials?
 - Not for 1.21+
 - Try not pushing to S3 / dockerhub for 1.21.0
 - Cherry-pick the PR removing push to S3
 - Can any legacy promotion steps be removed?
 - Decision: future PR to document as inapplicable for 1.22+

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [hakman] [#11537#issuecomment-844706028](#) Kubecfg overwritten in kOps 1.19
 - More complaints about this
 - Justin to look into this.
- [johngmyers] [#11497](#) New mechanism for deleting orphaned cloud objects
- [hakman] [k/k#90408](#) Kubelet --cloud-provider flag is being removed in 1.23
- Justinsb to try compiling k8s-image-promoter on mac

Recurring Topics [timebox to N min]:

- **1.21.0-beta.2**
 - 2 weeks after 1.21.0-beta.1 (Monday-ish)
 - [#10777](#) Install CSI driver by default
 - No movement in a month. Remove blocks-next label?

- Decision: does not block 1.21
 - [#11251](#) 1.21.0 add-on bumps
 - [#11541](#) Cleanup orphaned IAM service account roles in direct render
 - Decision: feature freeze for 1.21 in effect.
- **1.22.0-alpha.2**
 - Can I get my add-ons PR? :-) I will address failures/feedback ([9374](#))

May 13th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Bryant - Apple
- Ciprian Hacman - Eyeo

Review Action Items from last time:

- [johngmyers] [#11163](#) IPv6 support for VPC and subnet
 - Ciprian to implement direct render, follow up with 11163 to add Terraform
 - See: [#11442](#)
 - Ciprian to implement some CIDR calculation function
 - See: [#11442/files#r631712081](#)
 - Maybe feature flag all of ipv6?
 - IPv6 won't go away anytime soon, best to get some feedback with the alphas and decide for beta if a feature flag is needed

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- IMDSv2
 - Decision: Enable with hop limit 1 all nodes newer k8s versions
- [johngmyers] [#9621](#) Refactor keypair code in preparation for secret rotation
 - Ready for another round of review
- [johngmyers] Release process documentation ([#11434](#))
 - Modified the branching and first-stable-minor-release procedures.
 - Clarified to not tag merge commits.
 - Documentation is missing information on where to get tools.
 - k8s-container-image-promoter doesn't compile on Mac.
 - How does one review a k8s.io promotion PR?
 - Need to document steps that are only applicable to stable releases as such.
 - It looks like some of these require credentials?
 - Can any legacy promotion steps be removed?
 - Decision: future PR to document as inapplicable for 1.22+
- [johngmyers] 1.22-slanted removal of legacy node labels
 - Decision: remove use of these in 1.22, defer removal to at least 1.23

- [hakman] Deprecate k8s 1.18 in kOps 1.22, already EOL
 - Decision: announce two deprecations: 1.18 to be removed in 1.24
- [hakman] Release images-ARCH.tar.gz instead of individual images in GitHub
 - Decision: Sounds good
- [hakman] [#11457](#) upup: gcetasks: force send AutoCreateSubnetworks field when set to false
- [peter] Testing update
 - [Digitalocean E2E job](#) is now (mostly) passing
 - [GCE jobs](#) are migrated to kubetest2 and now only have 1 failing test
 - [EBS CSI driver E2E job](#) is running the driver repo's e2e suite

Recurring Topics [timebox to N min]:

- **1.21.0-beta.2**
 - 2 weeks after 1.21.0-beta.1

May 7th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Bryant - Apple

Review Action Items from last time:

- [justinsb] Remaining IRSA work for 1.21:
 - Merging permissions between UseServiceAccountIAM and ServiceAccountExternalPermissions—Defer to 1.22
 - Enabling UseServiceAccountIAM by default—Defer to 1.22

Open Discussion [timebox to N min]:

- [kind/office-hours](#)
- [johngmyers] [#11163](#) IPv6 support for VPC and subnet
 - Ciprian to implement direct render, follow up with 11163 to add Terraform
 - Ciprian to implement some CIDR calculation function
 - Maybe feature flag all of ipv6?
- [hakman] [#11330](#) Make events cluster optional
- [hakman] [#11098](#) Use etcd-manager from etcdadm repo
 - Cherry-pick latest changes to 1.20, to get volume resize and bugfixes
- [hakman] [etcdadm#205](#) Remove support for etcd v2
- [johngmyers] [#9621](#) Refactor keypair code in preparation for secret rotation
- [johngmyers] [#9621](#) WIP Render managed files
- [johngmyers] [#11387](#) Enable reading shared AWS config when possibly from CLI
- [#11329](#) [Set IMDSv2 on by default for nodes and apiservers](#)

Recurring Topics [timebox to N min]:

- **1.21.0-beta.1**
 - Remaining IRSA work for 1.21

- Also review above PRs (from office hours list)
- CSI drivers for Azure and GCE
 - Justinsb to look at GCE
 - Maybe does not block beta.1?
- **1.20.1**
 - [#11388](#) Backport rename of service-account-key to 1.20
 - Justinsb to do release :-)
- 1.19.3
 - [#11390](#) Backport rename of service-account-key to 1.19
 - Justinsb to do release :-)

April 29th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
-

Review Action Items from last time:

- [justinsb] Remaining IRSA work for 1.21: [#11194](#) [#11016](#)
- [kind/office-hours](#)

Open Discussion [timebox to N min]:

- [#11016](#) user-configurable IAM roles for ServiceAccount
- [#11194](#) OIDC Issuer Discovery Location configuration and feature flags behaviour

Recurring Topics [timebox to N min]:

- **1.21.0-beta.1**
 - CSI drivers for Azure and GCE
 - Justinsb to look at GCE
 - Maybe does not block beta.1?

- Remaining IRSA work for 1.21: [#11194](#) [#11016](#)
- Also review above PRs (from office hours list)
- **1.20.1**
 - [#11228](#) Remove validations for EBS from cluster validation
 - Encryption validation blocks upgrades for setups where accounts have encryption enforced
 - Addressing <https://github.com/kubernetes/kops/issues/11062> - justinsb to try to reproduce
 -
 - [#11185](#) Always secure api -> kubelet communication
 - Breaks functionality for clusters created with kOps < 1.11
 - Justinsb to try to reproduce
 - Justinsb to do release :-)
- **1.19.3**
 - [#11203](#) Remove Calico bgppeer KeepOriginalNextHop default
 - Blocks upgrades
 - [#11185](#) Always secure api -> kubelet communication
 - Breaks functionality for clusters created with kOps < 1.11
 - Justinsb to do release :-)

April 23rd, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- Bryant - Apple
- John Gardiner Myers - Proofpoint
- Peter Rifel - Datadog
- Ciprian Hacman - Eyeo

Review Action Items from last time:

- [justinsb] Issue [#11021](#) looks like we can do better on options/defaults, but not a regression
- [justinsb] Remaining IRSA work for 1.21: [#11194](#) [#11016](#)
- [kind/office-hours](#)

Open Discussion [timebox to N min]:

- <https://github.com/kubernetes/funding/issues/17>
- [#206](#) - Add OWNERS file from kOps to etcd-manager
 - Justinsb to review & merge PR backlog in etcdadm repo
- Office Hours:
 - [#11292](#) Feature: Support Graceful Node Shutdown
 - [#11016](#) user-configurable IAM roles for ServiceAccounts

- [#11256](#) kops rolling-update doesn't de-register instances from ELB network load balancer gracefully
- [#11219](#) Refactor keypair code in preparation for secret rotation
- [#11260](#) RenderAWS issues with removing substructs
- [#10516](#) Create command for rotating cluster CA
- [#10663](#) Cilium-dedicated etcd is reaching space quota limit without AUTO_COMPACTION
- [#10251](#) Delete security group rules that kops do not know about

Recurring Topics [timebox to N min]:

- **1.21.0-beta.1**
 - CSI drivers for Azure and GCE
 - Justinsb to look at GCE
 - Remaining IRSA work for 1.21: [#11194](#) [#11016](#)
 - Also review above PRs (from office hours list)
- **1.20.1**
 - [#11228](#) Remove validations for EBS from cluster validation
 - Encryption validation blocks upgrades for setups where accounts have encryption enforced
 - Addressing <https://github.com/kubernetes/kops/issues/11062> - justinsb to try to reproduce
 -
 - [#11185](#) Always secure api -> kubelet communication
 - Breaks functionality for clusters created with kOps < 1.11
 - Justinsb to try to reproduce
 - Justinsb to do release :-)
- **1.19.3**
 - [#11203](#) Remove Calico bgppeer KeepOriginalNextHop default
 - Blocks upgrades
 - [#11185](#) Always secure api -> kubelet communication
 - Breaks functionality for clusters created with kOps < 1.11
 - Justinsb to do release :-)

April 15th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Bryant - Apple

- Ole Markus With - Sportradar

Review Action Items from last time:

- [justinsb] Issue [#11021](#) looks like we can do better on options/defaults, but not a regression
- [kind/office-hours](#)

Open Discussion [timebox to N min]:

- [olemarkus] IRSA/OIDC config struct: [#11194](#) [#11016](#)
- [olemarkus] IRSA webhook? Would like a more kOps-native controller
- [johngmyers] key rotation UI [#11204](#) [#10516](#) [#11219](#)
- [peter] [k8s.io#1921](#) prow aws account limit increases
 - [k/test-infra/#21817](#) - duplicate of Peter's
- [hakman] Better promoting kOps on [kubernetes.io](#) website like [kubeadm](#)
- [hakman] [etcdadm#204](#) Update deps for etcd-manager to 1.21
 - Allows adding etcd volume resize via [k8s.io/mount-utils](#)
- [hakman] etcd-manager - add OWNERS file to new location? :)
- [justinsb] 1.22 suggested features:
 - Addon operators (under feature flag)
 - [olemarkus] Addon operators and cloud resources (e.g IRSA support)
 - Cluster-API Nodes (under feature flag)
 - (governance) Etcd-manager from [kubernetes-sigs/etcdadm](#)
 - v1beta1?
 - Don't update configuration before the `kops update` / `kops rolling-update` (i.e. not on dry-run)
 - <your feature here!>

•

Recurring Topics [timebox to N min]:

- **1.20.1**
 - [#11228](#) Remove validations for EBS from cluster validation
 - Encryption validation blocks upgrades for setups where accounts have encryption enforced
 - Addressing <https://github.com/kubernetes/kops/issues/11062> - justinsb to try to reproduce
 -
 - [#11185](#) Always secure api -> kubelet communication
 - Breaks functionality for clusters created with kOps < 1.11
 - Justinsb to try to reproduce
- **1.19.3**
 - [#11203](#) Remove Calico bgppeer KeepOriginalNextHop default
 - Blocks upgrades
 - [#11185](#) Always secure api -> kubelet communication
 - Breaks functionality for clusters created with kOps < 1.11
 -

April 9th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- Ciprian Hacman - Eyeo
- John Gardiner Myers - Proofpoint
- Bryant - Apple
- Eric Hole - Google PSO/DataPiper

Review Action Items from last time:

- [justinsb] Issue [#11021](#) looks like we can do better on options/defaults, but not a regression
- 1.19.2 Release is staged: [11191](#)
- 1.20.0 Release is staged: [11192](#)
- [kind/office-hours](#)

Open Discussion [timebox to N min]:

- [justinsb] Cut the release-1.21 branch, open main for 1.22
- [justinsb] 1.22 suggested features:
 - Addon operators (under feature flag)
 - Cluster-API Nodes (under feature flag)
 - (governance) Etcd-manager from kubernetes-sigs/etcdadm
 - v1beta1?
 - Don't update configuration before the `kops update` / `kops rolling-update` (i.e. not on dry-run)
 - <your feature here!>
- [peter] Can we create a public s3 bucket in the prow AWS accounts for IRSA testing?
 - Peter to file test-infra issue requesting this, cc Justin

March 26th, 2021

Time: 12PM US/Eastern

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Bryant - Apple

Review Action Items from last time:

- Justin to review Ole's PR - Done
- Justin to fix [#11021](#) - kubecfg overwritten in kops 1.19, without user flags specified
- Ciprian to release 1.21.0-alpha.2 - Done
- Justin to release 1.20.0 once [#11021](#) is fixed
- Justin to release 1.19.2 once [#11021](#) is fixed

-

Open Discussion [timebox to N min]:

- [hakman] etcd-manager move to etcdadm status
- [hakman] Make "--cloud" default to AWS or make it mandatory instead of guesswork
- [olemarkus] If you have time, have a look at [11088](#) for how addons should use irsa
- [justinsb] Proposing we merge the addon operators work behind a feature flag, as we have a [reasonable roadmap IMO](#)
- [bryant] <https://github.com/kubernetes/funding/issues/17>

-

Recurring Topics [timebox to N min]:

- **1.20.0**
 - [#11021](#) Issue about --admin flag
 - [#11014](#) Issue about authorization mode - Fixed by Ole Markus
 -
- **1.19.2**
 - [#11021](#) Issue about --admin flag
 -

March 18th, 2021

Time: 9AM US/Eastern

Attendees:

- Peter Rifel - Datadog
- Bryant - Apple
- Justin SB - Google
- Ciprian Hacman - Eyeo
- Ole Markus With - Sportradar

Review Action Items from last time:

- Justin to review Ole's PR
 - irsa/public jwks [10756](#) - suggest merging as it is behind feature flag
 - Apiserver nodes [10722](#) - suggest putting behind feature flag and merging

Open Discussion [timebox to N min]:

- [peter] [#11054](#) - FlatcarOS broken after protokube systemd migration. Move kubectl to /opt/kops/bin ?
- [peter] [#11050](#) - How can we improve launch time of new clusters?
- [peter] kubetest2 update
 - All AWS periodics have been migrated *and* are generated by python script
 - Presubmits and GCE periodics are next
 - Add presubmits for distros
 - What to do with k/k presubmit?
 - Okay to not migrate
- [olemarkus] [11016](#) user-configurable iam roles for service accounts

- [peter, last] Can we see Justin's Jupyter solution for analyzing kops prow jobs?
- <https://github.com/kubernetes/kops/labels/kind%2Foffice-hours>
- [bryant] <https://github.com/kubernetes/funding/issues/17>
- [justinsb] I'd like to make progress on addons

Recurring Topics [timebox to N min]:

- **1.20-beta-2** (assuming we get some bug fixes in!), create momentum towards imminent 1.20 release. Probably ETA ~ 2 weeks (march 10th?)
 - Issue about --admin flag
 - Issue about authorization mode
 - <https://github.com/kubernetes/kops/labels/blocks-next>
- 1.19.2 ? ([pending changes](#))

March 12th, 2021

Time: 12AM US/Eastern

Attendees:

- Justin SB - Google
- Ehole - Google PSO/Data Piper
- Bryant - Apple
- Greg - Guydo Consulting
- John Myers - Proofpoint
- Rodrigo Menezes - Pinterest
- Ciprian Hacman - eyeo

Review Action Items from last time:

- Justin to review Ole's PR
 - irsa/public jwks [10756](#)
 - Apiserver nodes [10722](#)
- Justin to look at etcd + cilium compaction issue ([10063](#))
- Ciprian to release 1.20-beta-2 - in progress

Open Discussion [timebox to N min]:

- Kops Offline fileRepository issues [Greg]
 - Kops assets phase wants to reach internet for sha256 files when internet is not available instead of from fileRepository
 - This didn't occur back in 1.15, but i need to use 1.17+ - when did this issue start?
 - Ref: <https://kubernetes.slack.com/archives/C3QUFP0QM/p1614710989214000>
 - Ciprian: Believe this changed in 1.20, please use latest beta available
 - Greg: Created tickets:
 - <https://github.com/kubernetes/kops/issues/11036>
 - <https://github.com/kubernetes/kops/issues/11033>
- We are seeing if the CNCF will fund an aliyun / alibaba cloud account for e2e testing <https://github.com/kubernetes/funding/issues/17> [Justin]

Recurring Topics [timebox to N min]:

- **1.20-beta-2** (assuming we get some bug fixes in!), create momentum towards imminent 1.20 release. Probably ETA ~ 2 weeks (march 10th?)
 - Issue about --admin flag

- Issue about authorization mode
- 1.19.2 ? ([pending changes](#))

March 4th, 2021

Time: 9AM US/Eastern

Attendees:

- Justin SB - Google
- Bryant - Apple
- Ciprian Hacman - eyeo
- Peter Rifel - Datadog
- Ole Markus With - Sportradar

Review Action Items from last time:

- Justin to review Ole's refactor PR + other PRs
- Justin to look at etcd + cilium compaction issue
-

Open Discussion [timebox to N min]:

- [ciprian] [k/k#99561](#) - k/k removed Bazel in 1.21
- [ciprian/peter] [k/kubeadm#1943](#) - k/kubeadm removing support for kube-dns in 1.21
- [peter] [#9832](#) - GCE Internal API load balancer support
 - We only create a subnetwork in IPAlias mode, should we also create one for private topology?
- [peter] Kubetest2 update
 - Almost all periodic e2e jobs are migrated except the pipeline - we don't have a way to "publish" kops version markers because the deployer doesn't know whether the testing succeeded or failed, and the tester doesn't know the kops version to use if publishing a new marker
 - Is the "marker" pattern used by other projects? Should i open a kubetest2 issue to support it or should we move away from that pattern?
- [olemarkus] [#10722](#) APIServer-only nodes
- [olemarkus] [#10888](#) jwks/IRSA
- [ciprian] [#10871](#) - Only update kops-controller pods on deletion

Recurring Topics [timebox to N min]:

- **1.20-beta-2** (assuming we get some bug fixes in!), create momentum towards imminent 1.20 release. Probably ETA ~ 2 weeks (march 10th?)
-

February 26th, 2021

Time: 12PM US/Eastern

Attendees:

- Bryant - Apple
- Justin SB - Google
- Mike Splain - Sonos

- John Gardiner Myers - Proofpoint
- Bharath V - Cure.fit
- Peter Rifel - Datadog
- Ciprian Hacman - eyeo

Review Action Items from last time:

- Releases 1.19.1, 1.20-beta.1, 1.21-alpha.1 - DONE
- Justin to review ole's refactor PR
- Justin to look at etcd + cilium compaction issue
- Ciprian to open issue re aliyun/alibaba deprecation for discussion
 - Let's discuss on <https://github.com/kubernetes/kops/issues/4127>

Open Discussion [timebox to N min]:

- [bharath] <https://github.com/kubernetes/kops/issues/10927> Allow users to specify the scheduler policy configmap
 - Outcome: Check out what is the best way to specify the scheduler policy.
- [bharath] <https://github.com/kubernetes/kops/pull/10574> Just an FYI :)
- <https://github.com/kubernetes/kops/labels/kind%2Foffice-hours>
-

Recurring Topics [timebox to N min]:

- **1.20-beta-2** (assuming we get some bug fixes in!), create momentum towards imminent 1.20 release. Probably ETA ~ 2 weeks (march 10th?)

February 12th, 2021

Time: 12PM US/Eastern

Host: TBD

Attendees:

- John Gardiner Myers - Proofpoint
- Peter Rifel - Datadog
- Bharath Vedartham - Cure.fit
- Ciprian Hacman - eyeo
- Bryant - Apple
- Rodrigo Menezes - Pinterest
- Justin SB - Google

Review Action Items from last time:

- ?

Open Discussion [timebox to N min]:

- [peter] [#10741](#) subnet + private IP assignment for API NLB (new API fields)
- [bharath] [#10745](#) Deprecate launch configurations in favour of launch templates.
- [bharath] Move protokube and channels binaries to remote store for [#10574](#)
- [hackman] Kubenet fixes from Justin
- [justinsb] role vs profile workaround - should we run it everywhere?

- [peter] [open issues labeled as kind/office-hours](#)
- [peter] Schedule next informal meeting
- [bryant] “Aliyun/Alibaba Cloud support has been deprecated.”
<https://github.com/kubernetes/kops/releases>

Recurring Topics [timebox to N min]:

- Blockers for 1.19.1:
 - [Spotinst Terraform LaunchSpec Taint issue](#)? workaround has been merged
 - Kubenet / cni + containerd
- Blockers for 1.20.0-beta.1
 - Yes! Later in the week c 18th??
 - Kubenet / cni
- 1.21.0-alpha.1
 - Yes, to include protokube & channels as binaries
- Action Items for next time
 - Justin to review ole’s refactor PR
 - Justin to look at etcd + cilium compaction issue

Ciprian to open issue re aliyun/alibaba deprecation for discussion **February 12th, 2021**

Time: 12PM US/Eastern

Host: TBD

Attendees:

- John Gardiner Myers - Proofpoint
- Peter Rifel - Datadog
- Bharath Vedartham - Cure.fit
- Ciprian Hacman - eyeo
- Bryant - Apple
- Rodrigo Menezes - Pinterest
- Justin SB - Google

Review Action Items from last time:

- ?

Open Discussion [timebox to N min]:

- [peter] [#10741](#) subnet + private IP assignment for API NLB (new API fields)
- [bharath] [#10745](#) Deprecate launch configurations in favour of launch templates.
- [bharath] Move protokube and channels binaries to remote store for [#10574](#)
- [hackman] Kubenet fixes from Justin
- [justinsb] role vs profile workaround - should we run it everywhere?
- [peter] [open issues labeled as kind/office-hours](#)
- [peter] Schedule next informal meeting
- [bryant] “Aliyun/Alibaba Cloud support has been deprecated.”
<https://github.com/kubernetes/kops/releases>

Recurring Topics [timebox to N min]:

- Blockers for 1.19.1:
 - [Spotinst Terraform LaunchSpec Taint issue](#)? workaround has been merged
 - Kubenet / cni + containerd

- Blockers for 1.20.0-beta.1
 - Yes! Later in the week c 18th??
 - Kubenet / cni
- 1.21.0-alpha.1
 - Yes, to include protokube & channels as binaries
- Action Items for next time
 - Justin to review ole's refactor PR
 - Justin to look at etcd + cilium compaction issue
 - Ciprian to open issue re aliyun/alibaba deprecation for discussion

February 4th, 2021

Time: 9AM US/Eastern

Host: TBD

Attendees:

-

Review Action Items from last time:

- ?

Open Discussion [timebox to N min]:

- [justinsb] Building new images for sudo issue; adding kOps maintainers to image-builder
 - <https://github.com/kubernetes-sigs/image-builder/pulls/justinsb>
- [justinsb] test timeouts are complicated due to unhelpful shutdown after timeout ([example job](#))
- [Peter] [#10697](#) kubetest2 terraform support - DNS issues ([failing job](#))
 - Dig (or resolvectl) loop between kops validate and ginkgo
- [Peter] [test-infra#20698](#) python3 import issues with converting prow jobs to be generated
- [Peter] A few [1.19.0 regressions](#) have been reported
-

Recurring Topics [timebox to N min]:

- Release plan for upcoming weeks
- Finishing 1.19.0
- Blockers for 1.19.1:
 - Kubenet Networking + Containerd - justinsb to review
 - [Spotinst Terraform LaunchSpec Taint issue](#)
 - Newly reported regressions
- Blockers for 1.20.0-alpha.2:
 - Decision on [#10579](#) (so that we don't have complicated cherry picks)
 - IMDSv2
- Make 1.20 release branch to open up 1.21
 - Update grid to test with 1.21 with master (and add 1.20)
 - Put into grid, but keep most e2e tests on onomaster on 1.20 until k8s 1.21 rc

January 29th, 2021

Time: 12PM US/Eastern

Host: TBD

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Mike Splain - Sonos
- Rodrigo Menezes - Pinterest
- Ciprian Hacman - eyeo
- Kevin Stanton - Sprout Social
- Peter Rifel - Datadog

Review Action Items from last time:

- [justinsb] 1.18.3
- [justinsb] 1.19.0

Open Discussion [timebox to N min]:

- [hakman] Updated default for 1.20 for container runtime and instance defaults
 - Will default to containerd
 - IMDSv2 -> required but hit some snags; so probably going to be optional
<https://github.com/kubernetes/kops/pull/10655>
 - AWS encryption enabled by default
 - Move default volume type (for etcd etc) from gp2 to gp3; can be done without downtime
- Go through labelled issues:
<https://github.com/kubernetes/kops/labels/kind%2Foffice-hours>

Recurring Topics [timebox to N min]:

- Release plan for upcoming weeks
- Finishing 1.19.0
- Blockers for 1.19.1:
 - Kubenet Networking + Containerd - justinsb to review
 - Something terraform + spotinst?
- Blockers for 1.20.0-alpha.2:
 - Decision on #10579 (so that we don't have complicated cherry picks)
 - IMDSv2
- Make 1.20 release branch to open up 1.21
 - Update grid to test with 1.21 with master (and add 1.20)
 - Put into grid, but keep most e2e tests on onomaster on 1.20 until k8s 1.21 rc

January 21th, 2021

Time: 9AM US/Eastern

Host: TBD

Attendees:

- Justin SB - Google
- Ciprian Hacman - Sematext
- Peter Rifel - Datadog
- Ciprian Hacman

Review Action Items from last time:

- [justinsb] 1.18.3
- [justinsb] 1.19.0
-

Open Discussion [timebox to N min]:

- [hakman] Updated default for 1.20 for container runtime and instance defaults

Recurring Topics [timebox to N min]:

- Release plan for upcoming weeks
- Blockers for 1.19.0:
 - Terraform EBS volume environment variable (also 1.18.3?)
 - etcd-manager PRs: [kopeio/etcd-manager#348](#) (please comment if you've seen a failure to upgrade, vs a delay)

ARM kube-proxy images - [release#1839](#)

January 15th, 2021

Time: 9AM US/Eastern

Host: TBD

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Rodrigo Menezes - Pinterest
- Eric Hole - Google PSO/DataPiper
- Ciprian Hacman - Sematext
- Peter Rifel - Datadog
- Kevin Stanton - Sprout Social

Review Action Items from last time:

- [justinsb] 1.18.3
- [justinsb] 1.19.0
- [hakman] 1.20.0-alpha.1 - done

Open Discussion [timebox to N min]:

- [hakman] [#10586](#) containerd kubernetes networking
- [peter] [testgrid](#) update - extended job retention (much more red now)
 - Also seeing intermittent [timeouts](#), possibly related to e2e suite
 - [DigitalOcean](#) E2E support
- [hakman] protokube as service
- [hakman] bazel image for promote job
- [justinsb] Addons - discussion of blockers (from kops perspective)
 - [PR for discussion](#)

-

Recurring Topics [timebox to N min]:

- Release plan for upcoming weeks
- Blockers for 1.19.0:
 - Terraform EBS volume environment variable (also 1.18.3?)
 - etcd-manager PRs: [kopeio/etcd-manager#348](#) (please comment if you've seen a failure to upgrade, vs a delay)
 - ARM kube-proxy images - [release#1839](#)

January 5th, 2021 (informal)

Time: 9AM US/Eastern

Host: TBD

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Peter Rifel - Datadog
- Ciprian Hacman - Sematext
- Ole Markus With - Sportradar
- Bharath Vedartham - Cure.fit

-

-

Review Action Items from last time:

- [justinsb] Review etcd Terraform resource name issue (see 1.18.3 blockers below)
- [hakman] Release 1.19-beta.3 (release candidate) - done

Open Discussion [timebox to N min]:

- [bharath-123] Protokube is proving to be a blocker for adding cri-o runtime support since protokube is tightly coupled with the container runtime. Aim to discuss possible solutions to make cri-o work with protokube
 1. Make protokube a systemd service.
 2. Add cri-o support
 3. Post this, let's check out how the tests can be worked upon.
- [hakman] Frequent periodic jobs were moved to containerd and passing now, except for some storage related timeouts and should decide on what to add to the 1.19 deprecation notice regarding containerd
 - Decision: change default for 1.20, with exceptions for existing docker settings, etc.
- [hakman] Change defaults for 1.20 for:
 - Enable IMDSv2
 - Enable root volume encryption
 - Switch etcd + root volumes from gp2 to gp3

- [bharath-123] Default the cgroup-driver to systemd: Lets add this and check out how the tests work with this. Can probably default it when we default to containerd.
- [peter] [#10529](#) IRSA - control plane roles still need extra permissions for protokube. Alternative ideas?
- [peter] kubetest2 update:
 - [kubetest2#79](#) have kubetest2 download kubectl
 - Cluster manifest is now included in [job artifacts](#)
 - Up next: templating support - define complex cluster definitions as manifest templates that get rendered per job run
- [olemarkus] [#10321](#) certificates for webhooks and similar signed by kOps CA
 - Go for one CA per addon instead. Use [cert manager CAs](#)
- [olemarkus] [#10188](#) [#10251](#) SG rule name changed to make them managed by kOps
 - Justin and others to have a closer look
 - May want to use a featureflag for removing rules

Recurring Topics [timebox to N min]:

- When is the next meeting?
- Release plan for upcoming week(s):
 -
- Blockers for 1.18.3:
 - [#9982](#) - [ryan] ETCD Terraform resource names cannot start with a digit
Two proposed solutions both with concerns:
 - [#10424](#) - Rename TF resources if they'd otherwise start with a digit
If someone skips the resource renaming, terraform will destroy and recreate the volumes resulting in data loss
 - [#10361](#) - Don't allow new clusters to have members that start with a digit.
We think renaming members on existing clusters is disruptive and would still require TF resource renaming. Can we figure out a way to make renaming members non-disruptive?
- Blockers for 1.19.0:
 - [Review open Issues & PRs w/ 1.19 milestone](#)
 - [Review any failing testgrid jobs](#)
 - [#10122](#) - [justinsb] Cluster cannot start with older versions of k8s
 - [hakman] DBUS **needs** to be installed too
 - [kopeio/etcd-manager#339](#) - [justinsb] Handle volume failures gracefully
 - [kopeio/etcd-manager#348](#) - [justinsb] Upgrade etcd to v3.4.3 fails after cluster upgrade
 - [kopeio/etcd-manager/#371](#) - seems due to etcd grpc service for the healthcheck, when new certs are created, connections are rejected until etcd restarts
- 1.20 alpha?

December 18th, 2020 (recording)

Time: 12PM US/Eastern

Host: TBD

Attendees:

-
- John Gardiner Myers - Proofpoint
- Peter Rifel - Datadog
- Rodrigo Menezes - Pinterest
- Ciprian Hacman - Sematext
- Eric Hole - Google PSO/DataPiper
- Guy Templeton - Skyscanner

Review Action Items from last time:

- [justinsb] Review etcd Terraform resource name issue (see 1.18.3 blockers below)

Open Discussion [timebox to N min]:

- [olemarkus] [#10439](#) - Remove node authorizer in 1.20
- [mmerrill3] [kopeio/etcd-manager/#371](#) - seems due to etcd grpc service for the healthcheck, when new certs are created, connections are rejected until etcd restarts
- [hakman] Containerd migration path:
 - Change periodic tests to use containerd instead of Docker
 - Always enable pre-submit for containerd
 - Default to containerd for newly created clusters in 1.20 (not sure if limited by k8s version or not)
 - Switch all clusters to containerd in 1.21
- [hakman] Would like some help with the ARM64 conformance test that fails randomly
 - <https://testgrid.k8s.io/kops-misc#kops-aws-arm64-conformance>
- [justinsb] Addons update / progress (I hope progress!)

Recurring Topics [timebox to N min]:

- When is the next “informal” meeting? And plans for Jan 1st meeting?
- Release plan for upcoming week(s):
 -
- Blockers for 1.18.3:
 - [#10462](#) - [hakman] Backport TargetGroup related fixes
 - [#9982](#) - [ryan] ETCD Terraform resource names cannot start with a digit
Two proposed solutions both with concerns:
 - [#10424](#) - Rename TF resources if they’d otherwise start with a digit
If someone skips the resource renaming, terraform will destroy and recreate the volumes resulting in data loss
 - [#10361](#) - Don’t allow new clusters to have members that start with a digit.
We think renaming members on existing clusters is disruptive and would still require TF resource renaming. Can we figure out a way to make renaming members non-disruptive?
- Blockers for 1.19.0:

December 4th, 2020 (recording)

Time: 12PM US/Eastern

Host: TBD

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Clprian Hacman - Sematext
- Charles-Edouard Breteche - Payfit
- Kevin Stanton - Sprout Social
- Prakash R - Independent Contributor
- Vedartham Bharath - Cure.fit
- Guy Templeton - Skyscanner
- Ryan Bonham - Granular
- Mike Splain - Sonos
- Rodrigo Menezes - Pinterest
- Peter Rifel - Datadog

Review Action Items from last time:

- 1.19.0-beta.2 - [hakman] - done

Open Discussion [timebox to N min]:

- travis-ci.org is [shutting down](#) and replaced by travis-ci.com
 - [hakman] - Proposing to remove it from our tests
- [#10114](#) - [hakman] Azure PR
- [#10279](#) - [hakman] Clusters created with k8s v1.20 don't start
- [rodrigo] Plans for 1.18.3 release with fixes for terraform ELB attachment issues.
 - [hakman] latest fixes for TGs have to be ported, will need some help testing and reviewing there
- [#10318](#) - [olemarkus] Concerns about cert-manager bindata size
- [#10321](#) - [olemarkus] Use kops-controller to sign webhook certs or a CA issuer
- [#10188](#) - [olemarkus] Terraform concerns with reconciling SG rules
- [#10278](#) - [justinsb] Should we recognize/support non-LTS Ubuntu versions?
- [#10283](#) - [eddycharly] Add additional policies support at instance group level
- [hakman] Docker/containerd version override by Arch, how to declare it?
- [hakman] Docker shim deprecation, what's next?
- [#10312](#) - [peter] DigitalOcean to beta
- [#9982](#) - [ryan] ETCD Terraform resource names cannot start with a digit
- [#368](#) - [ryan] ETCDManager Restore Issue

Recurring Topics [timebox to N min]:

- When is the next "informal" meeting?
 - TBD in #kops-dev

- Release plan for upcoming week(s):
 -
- Blockers for 1.18.3:
 - [#10276](#) - Parse TargetGroup names from ARNs
 - [#9982](#) - [ryan] ETCD Terraform resource names cannot start with a digit
 - <https://github.com/kopeio/etcd-manager/issues/368> - [ryan] ETCDManager Restore Issue
- Blockers for 1.19:
 - <https://github.com/kubernetes/kops/issues?q=is%3Aopen+is%3Aissue+label%3Ablocks-next>
 - [#10122](#) - [justinsb] Cluster cannot start with older versions of k8s
 - [#10017](#) - [peter] Terraform migration from LaunchConfiguration to LaunchTemplate
 - Still broken, does not affect newer Terraform versions like 13.x
 - [#10363](#) - [hakman] Calico AWS source/destination checks bug
 - [k/k#96778](#) - Vendor into kOps
 - [kopeio/etcd-manager#339](#) - [justinsb] Handle volume failures gracefully
 - [kopeio/etcd-manager#348](#) - [justinsb] Upgrade etcd to v3.4.3 fails after cluster upgrade
 - [#10357](#) - Allow users to compress user-data

November 20th, 2020 (recording)

Time: 12PM US/Eastern

Host: John Gardiner Myers

Attendees:

- Justin SB - Google
- Peter Rifel - Datadog
- John Gardiner Myers - Proofpoint
- Rodrigo Menezes - Pinterest
- Kenji Kaneda - CloudNativ
- Kevin Stanton - Sprout Social
- Ciprian Hacman - Sematext

Review Action Items from last time:

- 1.19.0-beta.2 - [hakman] ?

Open Discussion [timebox to N min]:

- travis-ci.org is [shutting down](#) and replaced by travis-ci.com
- [#10254](#) - [hakman] Artifacts for 1.18.2 are not mirrored
- [#10258](#) - [peter] Azure VFS support (for etcd-manager vendoring)
- [#10279](#) - [hakman] Clusters created with k8s v1.20 don't start
- [#10240](#) - [hakman] Bazel builds are slow when switching arch, because cache is invalidated

- [rodrigo] Plans for 1.18.3 release with fixes for terraform ELB attachment issues.
- [justinsb] Community feedback

Recurring Topics [timebox to N min]:

- Release plan for upcoming week(s):
 - 1.19.0-beta.2 - [hakman] - planned this weekend
 - etcd-manager - [justinsb] - Done
- Blockers for 1.18.3:
 - [#10276](#) - Parse TargetGroup names from ARNs
- Blockers for 1.19:
 - <https://github.com/kubernetes/kops/issues?q=is%3Aopen+is%3Aissue+label%3Ablocks-next>
 - [#10122](#) - [justinsb] Cluster cannot start with older versions of k8s
 - [#10017](#) - [peter] Terraform migration from LaunchConfiguration to LaunchTemplate
 - [hakman] Asked reporter to retest with beta.1
 - [kopeio/etcd-manager#339](#) - [justinsb] Handle volume failures gracefully
 - [kopeio/etcd-manager#348](#) - [justinsb] Upgrade etcd to v3.4.3 fails after cluster upgrade

November 12th, 2020 (informal)

Time: 9AM US/Eastern

Host: TBD

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - Sematext
- Ole Markus With - Sportradar

Review Action Items from last time:

- 1.19.0-beta.1 - [hakman] - Done - mirrored assets pending
-

Open Discussion [timebox to N min]:

- [olemarkus] [#10149](#) - Kubernetes secrets signed by kops CA
- [johngmyers] [#10204](#) - custom cilium registry images
- [hakman] cluster autoscaler tags

Recurring Topics [timebox to N min]:

- Release plan for upcoming week(s):
 - 1.19.0-beta.1 - [hakman] Released, mirrored assets pending
 - etcd-manager - ?

- Blockers for 1.19:
 - <https://github.com/kubernetes/kops/issues?q=is%3Aopen+is%3Aissue+label%3Ablocks-next>
 - [#10122](#) - [justinsb] Cluster cannot start with older versions of k8s
 - [#10226](#) - [hakman] Use LT versions instead of timestamped LTs
 - [#10017](#) - [peter] Terraform migration from LaunchConfiguration to LaunchTemplate
 - [hakman] Asked for retest with beta.1
 - [kopeio/etcd-manager#339](#) - [justinsb] Handle volume failures gracefully
 - [kopeio/etcd-manager#348](#) - [justinsb] Upgrade etcd to v3.4.3 fails after cluster upgrade
 - [#9794](#) - [rdrgmnzs] Prevent unintended resource updates to LB attachments
 - [#9756](#) - [rifelpet] Client Certificate Authentication doesn't work with ACM
 - [#10104](#) - [hakman] MaxPrice + MIP errors with LaunchTemplates
 - [#9011](#) - NLB support, blocking [#9756](#)
 - <https://github.com/kopeio/etcd-manager/pull/351>
 - [#9953](#) - Not possible to rolling update cluster
 - [#9992](#) - [justinsb] LoadBalancer task always run during cluster update (ForAPIServer)
 - [#9990](#) - [justinsb] Implement “always export context, but not credentials” strategy
 - [kopeio/etcd-manager#334](#) - [hakman] Support for ARM64
 -

November 6th, 2020 (recording)

Host: Justin SB

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Kevin Stanton - Sprout Social
- Peter Rifel
- Rodrigo Menezes - Pinterest

Review Action Items from last time:

- 1.18.2 - [justinsb] - Done
- 1.19.0-beta.1 - [hakman]

Open Discussion [timebox to N min]:

- [peter] Decide on next alternative time meeting
 - Thurs November 12th - 9AM US/Eastern
- [justinsb] Other than ClientCert I think we're looking good for 1.19 beta with some release-notes?
- [justinsb] ClientCert strategies - let's brainstorm and agree one!

- [#10157](#) - Setup a second NLB listener when an AWS ACM certificate is used
- [#10156](#) ACM Cert Permalink
- [johngmyers] [#10139](#) - api.loadBalancer.useForInternalApi and kops-controller bootstrap
 - Direction: Move to a separate option to pick load balancing for kops-controller
 - Start with using dns-controller for kops-controller. Load balancer for kops controller could be a follow-up feature.
- [olemarkus] [#10149](#) - Kubernetes secrets signed by kops CA
 - To be discussed more on next call

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
 - 1.18.2 - [justinsb]
 - 1.19.0-beta.1 - [hakman]
- Blockers for 1.19:
 - <https://github.com/kubernetes/kops/issues?q=is%3Aopen+is%3Aissue+label%3Ablocks-next>
 - [#9794](#) - [rdrgmnzs] Prevent unintended resource updates to LB attachments (cherry-pick to 1.18 also)
 - [10122](#) - [justinsb] Cluster cannot start with older versions of k8s
 - [#9756](#) - [rifelpet] Client Certificate Authentication doesn't work with ACM Certificate
 - A temporary prow testing strategy has been confirmed in [#10076](#)
 - [#10104](#) - MaxPrice + MixedInstancePolicy errors with LaunchTemplates
 - [#9011](#) - NLB support, blocking [#9756](#)
 - [kopeio/etcd-manager#339](#) - [justinsb] Handle volume failures gracefully
 - [kopeio/etcd-manager#348](#) - [justinsb] Upgrade etcd to v3.4.3 fails after cluster upgrade
 - [kopeio/etcd-manager#334](#) - [hakman] Support for ARM64
 - <https://github.com/kopeio/etcd-manager/pull/351>
 - [#9953](#) - Not possible to rolling update cluster
 - [#9992](#) - [justinsb] LoadBalancer task always run during cluster update (ForAPIServer)
 - [#9990](#) - [justinsb] Implement "always export context, but not credentials" strategy
 - [#10017](#) - [peter] Terraform migration from LaunchConfiguration to LaunchTemplate

October 27th, 2020 - hacktoberfest hangout

Informal hangout - 10:00 AM EST

- [hakman] [#10077](#) - Rebrand kops/Kops to kOps
- [hakman] [#10091](#) - Some tries at a kOps logo
- [hakman] [#334](#) - ARM64 support for etcd-manager

- [hakman] [#10048](#) - Install container runtime packages as assets
- [rdrgmnzs] [#9794](#) - ELB fix for terraform ready to merge after [#9011](#) lands
- Discussion on openstack
 - Cluster API Load balancer API - <https://docs.google.com/document/d/1wJrtd3hgVrUnZsdHDXQLXmZE3cbXVB5KChqmNusBGpE/edit>

October 23th, 2020 (recording)

Host: TBD

Attendees:

- Justin SB - Google
- Eric Hole - Google Cloud/Datapiper
- John Gardiner Myers - Proofpoint
- Rodrigo Menezes - Pinterest
- Peter Rifel
- Ciprian Hacman - Sematext
- Kenji Kaneda - CloudNatix
- Nick Travers - CloudNatix
- Kevin Stanton - Sprout Social

Review Action Items from last time:

- release-1.19 - created by Peter - [#10079](#)
- 1.19.0-alpha.5 - released by Ciprian with Justin's help
- 1.18.2 - ?
- [#9011](#) - NLB support status
- Decide on next meeting day & time for both regular and Hacktoberfest

Open Discussion [timebox to N min]:

- [hakman] [#10077](#) - Rebrand kops to kOps and new logo
- [hakman] [#10048](#) - Install container runtime packages as assets
- [peter] [#3957](#) Azure support
- [hakman] [#10064](#) - Flannel CNI 0.13.0
- [johngmyers] [#9575](#) - node labels from cloud tags - backport to 1.19?
- [johngmyers] deprecation policy for container runtime versions

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
 - 1.18.2 - [justinsb]
 - 1.19.0-beta.1 - [hakman]
- Blockers for 1.19:
 - [#9794](#) - [rdrgmnzs] Prevent unintended resource updates to LB attachments (cherry-pick to 1.18 also)
 - [10122](#) - [justinsb] Cluster cannot start with older versions of k8s

- [#9756](#) - [rifelpet] Client Certificate Authentication doesn't work with ACM Certificate
 - A temporary prow testing strategy has been confirmed in [#10076](#)
- [#9011](#) - NLB support, blocking [#9756](#)
- [kopeio/etcd-manager#339](#) - [justinsb] Handle volume failures gracefully
- [kopeio/etcd-manager#348](#) - [justinsb] Upgrade etcd to v3.4.3 fails after cluster upgrade
- [kopeio/etcd-manager#334](#) - [hakman] Support for ARM64
- <https://github.com/kopeio/etcd-manager/pull/351>
- [#9953](#) - Not possible to rolling update cluster
- [#9992](#) - [justinsb] LoadBalancer task always run during cluster update (ForAPIServer)
- [#9990](#) - [justinsb] Implement “always export context, but not credentials” strategy

October 20th, 2020 - hacktoberfest hangout

Informal hangout

(Bharath) Would like to discuss my PR at <https://github.com/kubernetes/kops/pull/10065>

(Peter) initial E2E testing with kubetest2: <https://github.com/kubernetes/kops/pull/10031>

October 14th, 2020 - hacktoberfest hangout

Informal hangout

(Prakash) Tried looking for good first issue and located few and will see what I can contribute.

October 9th, 2020 (recording)

Host: Peter Rifel

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Prakash Ramachandra - Dell
- Rodrigo Menezes - Pinterest
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Kevin Stanton - Sprout Social
-

Review Action Items from last time:

- 1.19 branch plan
 - Decision: Peter will create release-1.19 branch

- [peter] [#9855](#) BottlerocketOS support
- [hakman] [#9011](#) - NLB support - simplify things to merge it and tweak later?
 - Consider splitting into multiple PRs and accept the migration will have API downtime for kops 1.19.0; defer cleanup to separate PR
 - Decision: Recommend splitting no-downtime migration to a future PR

Open Discussion [timebox to N min]:

- [peter] [#10031](#) Initial kubetest2 work - feedback welcome
- [johngmyers] [#9575](#) Take node labels from cloud tags on AWS
- [last] Decide on next meeting day & time - [poll results](#)
 - Decision: Wednesday Oct 14th at 9am US/Eastern (1pm UTC)

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
 - 1.18.2 - Justin
 - [#10023](#) - kops upgrade does not replace ubuntu images
 - 1.19.0-alpha.5 - Ciprian
- Blockers for 1.19:
 - [#9992](#) - LoadBalancer task always run during cluster update (ForAPIServer)
 - [#9990](#) - justinsb to implement “always export context, but not credentials” strategy
 - [#9756](#) - Client Certificate Authentication doesn't work with ACM Certificate
 - [#9011](#) - NLB support, blocking [#9756](#)
 - [kopeio/etcd-manager#339](#) - Handle volume failures gracefully
 - [kopeio/etcd-manager#348](#) - Upgrade etcd to v3.4.3 fails after cluster upgrade
 - [kopeio/etcd-manager#334](#) - Support for ARM64
 - [#9953](#) - Not possible to rolling update cluster
 - [#9794](#) (? - may exist in 1.18 also)
-

October 6th, 2020 - hacktoberfest hangout

- Informal hangout

October 1st, 2020 - special edition: hacktoberfest kickoff

Host: TBD

Attendees:

- Justin SB - Google
- Mike Splain - Sonos
- Ciprian Hacman - Sematext

- Ole Markus With - Sportradar
- Nick Hale - Red Hat

Specific things people want to work on for hacktoberfest:

justinsb: cluster-addons into kops, also getting kops running on RaspberryPi

Ciprian: container runtime out of nodeup and more into kops, also enabling some newer calico features

Peter: hoping to improve e2e coverage with specific features that are not currently covered

Ole: test coverage and more working on openstack

Simone: AWS CNI plugin improvements, also looking at help-wanted issues

Somtochi: cluster-addons into kops

AI: add label for hacktoberfest, make sure we have a query or maybe a dashboard

Suggested issues:

Kops issue 7119:

Possibly relevant projects:

<https://github.com/planetlabs/draino>

<https://github.com/kubernetes-sigs/descheduler>

<https://github.com/aws/aws-node-termination-handler>

Also 9920 is an umbrella issue

September 25th, 2020 (recording)

Host: Ciprian Hacman

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Mike Splain - Sonos
- Ciprian Hacman - Sematext
- Peter Rifel - TUNE
- Prakash Ramchandran - Dell

Review Action Items from last time:

- [hakman] ~~Release 1.19.0-alpha.4~~
- [peter] [#9833](#) - Office hours in different TZ
 - Decision: Change to once a week, one other slot Thu 9 AM next (to experiment)
- 1.19 branch plan

Open Discussion [timebox to N min]:

- [hakman] [#9958](#) Use all kops mirrors to determine artifacts hashes
 - Security concerns for the GitHub mirror, order of mirrors
 - Decision: all current mirrors are considered trusted and until there is a need for more (untrusted) mirrors the mirrors code works as expected
- [hakman] Set Docker 19.03.13 as default for k8s 1.17+ (previously 19.03.11)
 - Decision: OK, it is in line with how versions for other components are handled
- [hakman] [kopeio/etcd-manager#334](#) Support for ARM64 (2)
 - Decision: justinsb will check what could be used as an alternative for the current Debian 10 image, which is AMD64 only
- [justinsb] [#9990](#) options for continuing to infer the cluster from kubeconfig
 - Suggestion: export the context but not credential
- [johnngmyers] [#9953](#) Rolling update failures upgrading over kops 1.19 boundary
 - Decision: use label selector to prevent new pods on old nodes
- [peter] [#9011](#) NLB support for API load balancer as a partial workaround for [#9756](#)
 - Decision: add a port to do http health checks
- [peter] [#9855](#) BottlerocketOS support

Recurring Topics [timebox to N min]:

- Release 1.19 beta.1
 - Due to blockers, another alpha at least will be required
 - Blockers:
 - [#9953](#) - Not possible to rolling update cluster
 - justinsb to implement agreed “always export context, but not credentials” strategy for #9990
 - [#9011](#) - NLB support f
 - [kopeio/etcd-manager#339](#) - Handle volume failures gracefully
 - [kopeio/etcd-manager#348](#) - Upgrade etcd to v3.4.3 fails after cluster upgrade
 - [kopeio/etcd-manager#334](#) - Support for ARM64

September 11th, 2020 (recording)

Host: John Gardiner Myers - Proofpoint

Note Taker: TBD

Attendees:

- Justin SB - Google
- Rodrigo Menezes - Pinterest
- John Gardiner Myers - Proofpoint
- Mike Splain - Sonos
- Jason Stryker - Capital One
- David Muckle - Sonos

Review Action Items from last time:

- [justinsb] ~~Artifacts for 1.19.0-alpha.3~~

- [justinsb] Release 1.18.1
- [justinsb] Release 1.17.2
- [hakman] Release 1.19.0-alpha.4 - soon
- [#9833](#) - Office hours in different TZ - TBD

Open Discussion [timebox to N min]:

- [hakman] [kopeio/etcd-manager#344](#) - Add support for etcd 3.4.13
- [hakman] [kopeio/shipbot#12](#) - Add src flag to enable specifying base directory
- [johngmyers] Changes taking effect before apply.
 - Managed files for Terraform and CloudFormation
 - [#9621](#) WIP Render managed files with Terraform
 - Probably no solution for CloudFormation
 - Things that read InstanceGroup specs
 - [#9575](#) Take node labels from cloud tags on AWS
 - [#9424](#) WIP Remove InstanceGroup from NodeupModelContext
 - Things that read the (completed) cluster spec
 - [#9229](#) WIP Put versioned API of cluster into state store
- [stryker] [#7974](#) Docker binary install for Nodeup
 - @hakman will try to get this int
- [hakman] ARM64 manifest tests

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
- 1.19 branch plan

NOTE:

- Simone Sciarrati: I cannot be part of the meeting, sorry I will be away. I raised the hacktoberfest point last time, how can we continue the conversation async? A github issue? In the Slack channel (my id is dezmodue)? I think the most important question is if you as maintainers think it is worth the effort since it has the potential to create a lot more "work" for you that might not yield immediate value.
 - Github issue created! Please continue discussion there:
<https://github.com/kubernetes/kops/issues/9920>

August 28th, 2020 (recording)

Host: Justin SB - Google

Note Taker: TBD

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Moshe Shitrit - SalesLoft
- Ciprian Hacman - Sematext
- Eric Hole - Google PSO/DataPiper

- Simone Sciarrati - Meltwater
- Peter Rifel - TUNE
- Guy Templeton - Skyscanner
- Rodrigo Menezes - Pinterest
- Thomas Vendetta - Syapse

Review AIs from last time:

- [hakman] Release 1.19.0-alpha.3
 - Done most of it:
 - Build - <https://github.com/kubernetes/kops/pull/9801>
 - Tag - <https://github.com/kubernetes/kops/releases/tag/v1.19.0-alpha.3>
 - Release notes - <https://github.com/kubernetes/kops/pull/9805>
 - k8s.gcr.io images promotion - <https://github.com/kubernetes/k8s.io/pull/1175>
 - GitHub release draft - <https://github.com/kubernetes/kops/releases/tag/untagged-58010d2f4e92c2804a82>
 - Needs more permissions:
 - Push kope.io images (last time because we are moving to k8s.gcr.io)
 - Copy S3 artifacts to s3://kubeupv2
 - Copy artifacts to artifacts.k8s.io
 - Not yet straight-forward because of:
 - Docs should include a prereqs section to say what tools are needed and install steps
 - K8s-container-image-promoter doesn't work on mac
 - Action: hakman to file issue
 - Proposals:
 - Change GH release artifacts to include *kops- $\{ARCH\}$* binaries and an *offline.tar.gz* package with everything (320MB), for those that want to mirror internally
- [hakman] [#9808](#) Move images from kope.io to k8s.gcr.io
 - [kubernetes/k8s.io#1175](https://github.com/kubernetes/k8s.io/pull/1175) Automation works and images can be pulled
 - [resulting file](#) is not quite proper YAML
 - May be a good idea to cherry-pick to 1.18 too
- [hakman] [kopeio/etcd-manager#339](#) Handle etcd-manager volume failure gracefully
 - I created the issue and added a workaround
- [rdrgmnzs] etcd-manager is still running on Debian Stretch which is now unsupported.
 - [kopeio/etcd-manager#340](#) Migrate to debian-base & upgrade to Debian Buster
- [ehole] Update on GCE Test jobs: Peter and I got <https://github.com/kubernetes/test-infra/pull/18870> and <https://github.com/kubernetes/test-infra/pull/19031> to kubetest. Our idea to solve bucket permissions problems from the node service account is by creating a bucket inside the project as a workaround for the failing GCE jobs as discussed last week.
 - Waiting for merges and for jobs to run to tackle next steps.

Open Discussion [timebox to N min]:

- [hakman] Remove support for Calico v2

- Last user of etcd2
- Strange validations for V3 which led to issues setting the right etcd version
- [olemarkus] Add cluster autoscaler as bootstrap addon
 - <https://github.com/kubernetes/kops/pull/9787>
- [moshitrit] [#8626](#) Curious about the plans for promoting GCE support to be official. Peter has been super helpful and responsive in the past few days with addressing issues I've had while trying to set up a private cluster on GCE, but since we're looking to spin up a full production-ready cluster within the next few weeks, I was curious what might be other unknown-unknowns for us.
- [johngmyers] [#9575](#) Take node labels from cloud tags on AWS
- [johngmyers] Getting other cloud providers to implement [#9653](#)
- [johngmyers] timing for release-1.19 branch and 1.19.0-beta.1
 - Proposal: target to branch after next meeting
- [peter] [#9756](#) ACM certificate and removal of basic auth
 - Adding a second load balancer listener seems to be the most flexible solution but we may need to require NLB rather than ELB ([#9011](#))
- [simonesciarrati] Hacktoberfest - good opportunity to attract new contributors
- [justinsb] General discussion of addons via operators (context: [CoreDNS PR](#))
 - Overview of GSoC work done by Somtochi
 - Other blockers
- [peter] Propose additional office hours at a different time
 - Will open an issue

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
 - 1.19.0-alpha.4
 - Move images to k8s.gcr.io
 - Update deps to k8s 1.19.0 release
 - Maybe multi-arch images for Kops
 - 1.18.1
 - <https://github.com/kubernetes/kops/compare/v1.18.0...release-1.18>
 - [#9732](#) Handle sslCertificateId
 - [#9614](#) VXLAN workaround reworked as discussed last time
 - [#9710](#) Correctly handle client-side timeouts
 - [#9675](#) AWS China support
 - 1.17.2
 - <https://github.com/kubernetes/kops/compare/v1.17.1...release-1.17>

August 14th, 2020 (recording)

Host: John Gardiner Myers

Note Taker: TBD

Attendees:

- John Gardiner Myers - Proofpoint
- Moshe Shitrit - SalesLoft
- Justin SB - Google
- Eric Hole - Google/DataPiper
- Ciprian Hacman - Sematext
- Guy Templeton - Skyscanner
- Anders Østhus - Geodata
- Peter Rifel - TUNE
- Prakash Ramachandran - Dell

Review AIs from last time:

-

Open Discussion [timebox to N min]:

- [hakman] DockerHub rate limiting for Free plan to **100 pulls / 6 hours**
 - <https://hub.docker.com/pricing>
 - ~~Decision: move to k8s.gcr.io, upgrade kopeio to paid plan~~
- [peter] Periodic GCE E2E jobs failing due to lack of GCS permissions
 - [Example](#) I believe the k8s-kops-gce bucket needs to allow access from the cluster's service accounts
 - justinsb: maybe GoogleCloudBucketACL feature flag? (see [#8747](#))
 - geojaz: suggestion: we should talk about GCE IAM model and define our desired behavior.
 - <https://github.com/kubernetes/test-infra/pull/18870>
- [hakman] [#9688](#) Docker defaults for Kubernetes **--ip-masq=false --iptables=false**:
 - With rpm/deb, Docker was started before the Kops configuration was applied and ended up creating the iptables rules anyway
 - Moving to tgz packages also remove the iptables bug, but some people are expecting docker internet access to work on nodes
 - For sure these options don't break anything we know about as Kops unknowingly applied them for a long time
 - What is the recommended way of running Docker for Kubernetes now
 - Anything changed since 3-5 years ago?
 - Add breaking change release note?
 - ~~Decision: just add release note~~
- [hakman] etcd-manager recovery in a HA cluster where 1 of the nodes storage is lost
 - How can one restore a replica where the disk is blank
 - ~~Decision: Create issue to investigate further~~
- [MoShitrit] [#9141](#) What's the reasoning behind not supporting config changes on etcd volumes, i.e. switching type from gp2 to io1, or even increasing the size?
- [peter] client certificate authentication and ACM Certificates on API ELB
 - Doesn't work by default so we've unknowingly been using basic auth with "kops export kubecfg"
 - One proposed workaround: [#9732](#) target master instances rather than ELB
- [johnngmyers] [#9653](#) Bootstrap worker nodes using kops-controller
 - A significant change to how worker nodes get a kubelet certificate
- [hakman] [#9566](#) Next step in ARM64 support is ready for review

- Works via side-loading until multi-arch images are released
- ~~Decision: Merge it!~~
- [johngmyers] [#7200](#) Any objections to enabling Kubelet authenticationTokenWebhook by default in k8s 1.19+?
 - justinsb: we should also set authorization mode = Webhook, otherwise authz is AllowAll IIUC - [johngmyers] already done in [#9718](#)
- [johngmyers] [#9575](#) Take node labels from cloud tags on AWS
 - Could I get review?
- [anderso] [#2422](#) Windows support way forward ?

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
 - 1.19.0-alpha.3
 - Changes to ARM image names
 - OpenStack changes
 - Test the release automation
 - 1.18.1
 - <https://github.com/kubernetes/kops/compare/v1.18.0...release-1.18>
 - [#9732](#) Handle sslCertificateId
 - [#9614](#) VXLAN workaround reworked as discussed last time
 - [#9710](#) Correctly handle client-side timeouts
 - [#9675](#) AWS China support
 - 1.17.2
 - <https://github.com/kubernetes/kops/compare/v1.17.1...release-1.17>

July 31st, 2020 (recording)

Host:

Note Taker: TBD

Attendees:

- John Gardiner Myers - Proofpoint
- Ciprian Hacman - Sematext
- Peter Rifel - TUNE
- Guy Templeton - Skyscanner
- Prakash Ramchandran - Dell
- Mike Splain - Sonos
- Kevin Stanton - Sprout Social
- Rodrigo Menezes - Pinterest
- Ivan Fetch - Fairwinds

Review AIs from last time:

- [justinsb] Did 1.19.0-alpha.2 (in the nick of time!) and sent [PR to document the release process](#)
- [justinsb] <https://github.com/go-logr/logr/pull/20> merged, which should fix the/a blocker for 1.19 bump PR
 - [peter] Still stuck with API Machinery: [#9565](#) (example)

- [justinsb] Fixed write location for “ci markers”
<https://github.com/kubernetes/test-infra/pull/18547> and so now we should be able to get kops-1.18 into the grid <https://github.com/kubernetes/test-infra/pull/18562>
- [justinsb] kubernetes naming for arch image is e.g. `kube-apiserver-\${ARCH}`; there is a multi-arch manifest but I haven't found how it is done, suspect part of release process
 - <https://github.com/kubernetes/kubernetes/blob/32113f6451f773b342398cdbc684474a94df256b/build/go-runner/Makefile>
- [hakman] [#9661](#) added issue to decide on a flag to disable various tasks
 - Feedback appreciated
- [hakman] Multi-arch images naming format
 - Decision:
 - kops-controller/1.19.0
 - kops-controller-amd64/1.19.0
 - kops-controller-arm64/1.19.0

Open Discussion [timebox to N min]:

- ~~[hakman] [kubernetes/org#2050](#) Approve Kops maintainers update (Justin)~~
- [johngmyers] [#9575](#) Take node labels from cloud tags on AWS
 - Needs to revert [#9519](#)
 - Decision: Peter agrees to revert
- [johngmyers] [#9593](#) Reduce the lifetime of exported kubecfg credentials
 - AI justinsb to look into credential helpers
- [johngmyers] [#9556](#) Rotation of service-account signing key
 - How to take this forward? The current subkey API isn't useful.
 - Decision: John to investigate necessary API changes
- [mazy89] [#5856](#) Support for hooks on bastion instance groups
 - How to take this forward? This has been left aside and I would like to resume the job there and push it out.
- [hakman] I modified the cloud task runner to not block waiting for things like NatGW and retry. If anyone notices anything strange please ping me.
- [peter] RFC: <https://github.com/kubernetes/kops/issues/9598>
- [peter] [Release Delay](#) graph update

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
 - 1.18.0
 - Should we do <https://github.com/kubernetes/kops/pull/9614>
Decision: No, maybe add flag in 1.18.1. For future workarounds, provide flag and no enable by default.
 - ~~1.19.0 alpha.2~~

July 17th, 2020 ([recording](#))

Host:

Note Taker: TBD

Attendees:

- Justin SB - Google

- Eric Hole - Google PSO/Datapiper
- John Gardiner Myers - Proofpoint
- Mike Splain - Sonos
- Ciprian Hacman - Sematext
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Rodrigo Menezes - Pinterest

Open Discussion [timebox to N min]:

- [johngmyers] [#9492](#) Remove support for legacy IAM permissions
 - Decision: FeatureFlag default to disabled in 1.19, remove in 1.20
- [johngmyers] [test-infra#18168](#) kops-aws-canary and kops-gce-canary: move or delete?
 - Decision: delete
- [johngmyers] [#9471](#) Create one nodes instance group per zone
 - Decision: generally in favor of this
 - Create zero-node igs if more zones than nodes
- [johngmyers] [#9362](#) Require extra flag when updating cluster with downgraded kops version
- [peter] [#9280](#) Don't export admin user to kubecfg by default
 - Decision: no concerns
- [peter] [#9565](#) Update kubernetes dependencies to 1.19 rc.0
 - Decision: Justin will investigate
 - (Update 7/30: <https://github.com/go-logr/logr/pull/20> merged, which should fix the blocker)
- [hakman] Allow skipping NTP task and in general:
 - What flag to use for that, for Docker we have "skipInstall"
 - Decision: create issue and will discuss there
- [hakman] New UpDown job markers cannot be created because of permissions:
 - <https://testgrid.k8s.io/kops-misc#kops-pipeline-updown-master>
 - Decision: Justin will investigate
 - (Update 7/30: <https://github.com/kubernetes/test-infra/pull/18547> proposes changing the write location - we aren't consuming it yet)
- [hakman] Multi-arch images naming format:
 - Should images continue to be loaded from registry or sideloaded as Protokube
 - If registry is still desired, bazel only cannot create multi-arch images [bazelbuild/rules_docker#300](#)
 - Possible naming for multi-arch images::
 - kops-controller:1.19.0-amd64
 - Kops-controller-amd64:1.19.0
 - Decision: will investigate and revisit in 2 weeks
- [hakman] Multi-arch images in 1.19 timeline
 - Tests will fail because mock expects to find images without arch in name
- [hakman] Docker versions cleanup
 - People are coming with various issues between Docker and distro mismatch because of missing packages for that distro
 - Decision: Add new Docker packages as .tar.gz for older versions

- [hakman] Docker package as asset instead of magic in NodeUp
- [justinsb] 1.19.0 alpha.1 is shipped from the CloudBuild jobs / "lights off"
- [justinsb] Time for new approvers!

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks:
 - 1.18.0?
 - ✓ Include deprecation warning message for legacy IAM
 - Any other deprecations?
 - ✓ Kubernetes deprecations already announced
 - 1.19.0 alpha.2
 - To address HA bug
 - To test our automatic machinery

July 3rd, 2020

No meeting due to US public holiday (observed)

June 19th, 2020 (recording)

Host: John Gardiner Myers

Note Taker: TBD

Attendees:

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ciprian Hacman - Sematext
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Rodrigo Menezes - Pinterest
- Michael Sun - Robinhood

Open Discussion [timebox to N min]:

- [hakman] [#9200](#) Add @olemarkus as reviewer
- [hakman] [#9346](#) Temporarily use containerd from Docker packages to fix SELinux
 - Decision: Look into kops supporting overriding Docker tar.gz, fine with this temporary change
- [hakman] Use containerd as default container runtime for new clusters in Kops 1.19
 - Decision: wait for feedback from opt-in users in Kops 1.18, look into known issues with containerd that prevent GKE from defaulting to it yet
- [hakman] Bazel in builds
 - Decision: keep bazel builds for images, remove unmaintained Docker builds for images
- [johngmyers] [#9294](#) Remove InstanceGroup from NodeupModelContext
 - What to do if hooks or fileAssets are too big for userdata?
- [johngmyers] Migrate to out-of-tree cloud providers?
 - Decision: We should allow users to opt-in, but don't make default yet

- [rdrgmnzs] Setting backupsStore for etcd backups config breaks etcd.
 - Overload ManagedFile to take in a base param? [#9319](#)
 - Modify etcd-manger to accept an additional param for the backup path?
 - Completely remove backupsStore once the legacy etcd manager is removed. (My least favorite option)
- [johnmyers] [#9348](#) Create separate field for disabling rolling updates
 - Is “Enabled: false” a good field name given it still taints and surges?
- [peter] Can we get an update on the major efforts [targeted for 1.19](#)?
 - OIDC/JWKS support (IAM roles for service accounts)
 - Addon Operators
 - Cluster API
 - ARM64 support
 - Release Automation / k8s.io infra?
 - Reducing certificate lifetimes
 - Preparing for v1beta1 in 1.20
- [peter] There was discussion in #kops-dev about release cadence in regards to k8s 1.19’s delayed schedule. How do we want to handle release of Kops features between now and 1-2 months after k8s 1.19 stable?

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks
 - IPv4 only clusters susceptible to MitM attacks via IPv6 rogue router advertisements:
 - [#9332](#) Fixes and release notes added for 1.16+
 - 1.19.0-alpha.1 tagging on master, maybe cut 1.19.0-alpha.1 for ARM64
 - Needed for NodeUp binaries hashes for tests
 - Blockers for 1.18.0-beta.2
 - ~~[#9348](#) Create separate field for disabling rolling updates~~
 - ~~New AWS instance types - Too risky~~
 - 1.17.1
 - 1.16.4
 - 1.17.0 AMI using debian stretch (the end of the era)
 - 1.19.0 tagging on master, maybe cut 1.19.0-alpha.1 for ARM64
 -

June 5th, 2020 (recording)

Host: Justin SB - Google

Attendees:

- John Gardiner Myers - Proofpoint
- Ciprian Hacman - Sematext
- Mike Splain - Sonos
- Justin SB - Google
- Moshe Shitrit - SalesLoft
- Peter Rifel - TUNE
- Guy Templeton - Skyscanner

- Rodrigo Menezes - Pinterest
- Ryan Bonham - Granular

Open Discussion [timebox to N min]:

- [hakman] Switch to GitHub Actions instead of TravisCI
 - TravisCI became pretty slow at times
 - Make GH Actions blocking - [require status checks](#)
 - Keep TravisCI only for ARM64
 Decision: go ahead with enabling blocking status for GH actions
 - This should be done here:
 - <https://github.com/kubernetes/test-infra/pull/17857>
- [hakman] Security Advisory ref: [k/k - #91507](#) - IPv4 only clusters susceptible to MitM attacks via IPv6 rogue router advertisements
 - Upgrade Calico, Weave, Flannel
 Decision: upgrade where possible
 - Upgrade CNI for 1.16+ to v0.8.6 - ref: [k/k - #91370](#)
 Decision: backport to Kops 1.16+
 - Upgrade Docker for 1.16+ [docker/docker-ce/releases/v19.03.11](#)
 Decision: Set as default for Kops 1.17+ and make optional in Kops 1.16
- [hakman] [#9163](#) - Debian 10 vs Ubuntu 20.04 decision
 - Decision: Put Ubuntu 20.04 in 1.18 channel
- [hakman] [k/image-builder/#199](#) - Disable Docker services for default 1.18 images
 - Affects e2e tests, which use the pre-installed version with the default image
 Decision: Put Ubuntu 20.04 in 1.18 channel
- [peter] [#8856](#) - switch to ec2.DescribeInstanceTypes (ready for review)
 - Only concern is possible rate limiting on large clusters w/ AWS VPC CNI
- [johngmyers] [#9229](#) Unversioned API in state store
- [johngmyers] [#9245](#) Port conflict in 1.18 between kube-apiserver-healthcheck and nodelocaldns

Recurring Topics [timebox to N min]:

- Release plan for upcoming 2 weeks
 - 1.17.1 for CVE-2020-13597?
 - 1.17.0 AMI using debian stretch (the end of the era)
 - 1.19.0 tagging on master, maybe cut 1.19.0-alpha.1 for ARM64

May 22nd 2020

Attendees

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Ryan Bonham - Granular
- Rodrigo Menezes - Pinterest

- Peter Rifel - TUNE
- Ciprian Hacman - Sematext
- Guy Templeton - Skyscanner
- Christian Jantz - Level 25

Agenda

- [moshitrit / peterr] - [#9150](#) - is there another planned release for kops 1.16 (1.16.3)?
 - Decision: there will be another 1.16 release but prioritize 1.17.0
- [hakman] - [#17632](#) - testgrid group for Kops
 - Decision: Justin will /lgm and /approve
- [hakman] - release-1.18 branch
 - Many things are hanging waiting for 1.19 to be open
 - Decision: cut branch soon
- [hakman] - [#9064](#) Remove support for CoreOS and Jessie
 - Last time we agreed that will go into 1.18
 - Can we at least change the milestone, maybe it will help with review?
 - Decision: merge into 1.18
- [hakman] - enable Launch Templates by default in 1.18
 - Already tested and fixed known issues, but needs more testing
 - Enabling it in the next alpha/beta will help exposing issues
 - Decision: don't block creation of release-1.18 branch, still consider enabling FF for 1.18.0. Enable for 1.19 for now. Improve docs for using spot instances + launch templates
- [johnngmyers] [#9110](#) Is there a requirement to support >1yr old instances?
 - Decision: 15 month +skew expiration on nodeup-
- [johnngmyers] [#9040](#) Time budget for rolling update unit tests
 - Decision: use 100ms
- [johnngmyers] [#9105](#) Update OWNERS file
 - Decision: merge, address other changes in followup PRs
- [ryanbonham] [#8402](#) Allow users to overwrite etcd settings - CP to 1.17?
 - Decision: yes CP to 1.17
- [ryanbonham] [#8897](#) Initial validation during rolling update does single try
- [justinsb] recent PR node-role potential collision with EC2 instance lifecycle label [#9121](#); should we rename the label?
 - Decision: used by k8s spot termination handler tool, so probably not renaming label
- [peterr] Justin - status update on release automation?

Release plan for upcoming 2 weeks:

- 1.18.0 track
 - [#9065](#) Remove support for CoreOS and Jessie
 - [#8826](#) Remove support for the legacy etcd provider as of k8s 1.18
 - Decision: remove from 1.18
 - [#8850](#) Disable static tokens by default as of k8s 1.18

- Discussion to happen in the PR
 - [#7919](#) Make CoreDNS Default
 - Previous office hours notes: Wait until 1.19 with node-local-dns
 - [#8843](#) & [image-builder#199](#) Set iptables alternatives legacy/nft (useful only for debian Buster)
 - [#205](#) - Create buster AMIs or decide which base image to use for default (Debian 10 or Ubuntu 20.04)
- Blockers for 1.17.0 ([open cherry-picks](#))
 - Use Debian Stretch, same as before, decide on Debian 10 vs Ubuntu 20.04 later, for 1.18
 - Potential desired:
 - [#322](#) - etcd-manager - Use env vars to customize backup retention
 - [#323](#) - etcd-manager - Use next attachment point when device in use
 - Deprecation announcements for 1.18 removals: [#9065](#) [#8826](#)
- 1.16.3 yes
 - [#9086](#) - Openstack is broken in all latest releases
 - [#9150](#) - Upgrade AWS VPC CNI to 1.6.1

May 8th 2020

Attendees

- Justin SB - Google
- Eric hole - Google
- John Gardiner Myers - Proofpoint
- Bruce Horn - Datawire
- Moshe Shitrit - SalesLoft
- Christian Jantz - Level 25
- Mike Splain - Sonos
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Nat Irons - Providence
- Ciprian Hacman - Sematext
- Rodrigo Menezes - Pinterest
- Jesse Haka - Elisa

Agenda

- [hakman] - [#322](#) - etcd-manager - Use env vars to customize backup retention
- [hakman] - [#323](#) - etcd-manager - Use next attachment point when device in use
 - Should reduce masters startup time by at least 1 min

- [geojaz] - Service accounts for GCE E2E tests requisition process
 - Can we get a new account for nodes and create a bucket that it has RW access on and whose permissions we understand?
 - k/test-infra: <https://github.com/kubernetes/test-infra/issues/17558>
- [bruce@datawire.io] Discuss providing Ambassador ingress as an addon
- [johngmyers] 1.18 removals
 - [#9064](#) Remove support for CoreOS and Jessie
 - [#8826](#) Remove support for the legacy etcd provider as of k8s 1.18
- [MoShitrit] maintaining 3rd party addons? They seem to be very out of date, or at least some of them. Bruce Horn also reached out regarding adding another add-on for Ambassador.
- [mikesplain] Reviewers! [More info](#)

Release plan for upcoming 2 weeks:

- 1.18.0 track
 - [#9064](#) Remove support for CoreOS and Jessie
 - [#8826](#) Remove support for the legacy etcd provider as of k8s 1.18
 - [#8722](#) add replaceBeforeVersion field for channel
 - [#7919](#) Make CoreDNS the default DNS server? → 1.19 with node local dns
 - [#9099](#) Containerd setups have problems starting because of image pulling
- Blockers for 1.17.0 ([open cherry-picks](#))
 - [#8843](#) & [image-builder#199](#) Set iptables alternatives legacy/nft (useful only for debian Buster)
 - [#205](#) - Create buster AMIs or decide what images to use as default
 - Which base image?
 - Potential desired:
 - [#322](#) - etcd-manager - Use env vars to customize backup retention
 - [#323](#) - etcd-manager - Use next attachment point when device in use
- 1.16 maybe
 - [#9086](#) - Openstack is broken in all latest releases

Apr 24th 2020

Attendees

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Guy Templeton - Skyscanner
- Rodrigo Menezes - Pinterest
- Eric Hole - Google
- Matteo Ruina - Skyscanner

- Mike Splain - Sonos
- Peter Rifel - TUNE
- Moshe Shitrit - SalesLoft
- Josh Branham - Salsify
- Ciprian Hacman - Sematext
- Robin Percy - OpsGuru

Agenda

- [peter] - [#8959](#) etcd-manager certificate rotation
 - certs are valid for 1 year (etcd-manager was introduced almost 1 year ago)
 - ~~Decision: etcd-manager to regenerate cert on pod start if > 24 hrs old. Backport to older kops versions. Use channels to prod users to upgrade kops. - [#9016](#)~~
- [hakman] - debian Jessie repos are no longer available in AWS and breaks:
 - 1.10 support because default image is based on Jessie
 - ~~Decision: look into recommending Stretch for 1.10 - [#8977](#)~~
 - <https://testgrid.k8s.io/sig-cluster-lifecycle-kops#kops-aws-k8s-1.10>
 - utils build - probably no longer needed, should we drop them?
 - COS already bundles socat and contrack
 - Flatcar just added socat and contrack
 - Fedora CoreOS is adding them at some point
 - there is also this comment that may be interesting: <https://github.com/coreos/fedora-coreos-tracker/issues/404#issuecomment-617321245>
 - ~~Decision: remove use of utils for COS and Flatcar. - [#8978](#)~~
 - ~~Decision: deprecate CoreOS. - [#9034](#)~~
 - maybe some other stuff using the old k8s image based on Jessie?
- [hakman] - [#8834](#) - hard dependency on GitHub, which is pretty crashy this year
 - any thoughts on what should be done?
 - Justinsb: Likely move to artifacts.k8s.io?
 - Hakman: maybe add a flag to skip this check if image and k8s version are provided also
 - Decision: Inform users that channels is only used during kops commands and supports providing a mirror url. Add support for artifacts.k8s.io. Make optional for kops update cluster?
- [hakman] - [#7919](#) default to CoreDNS starting 1.18
- [hakman] - default image for 1.17+, Debian Buster or Ubuntu 20.04
 - maybe use official images instead of building new images for each version?
- [peter] - proposal: add channels support for etcd-manager version?
 - Allow upgrading etcd-manager more easily between kops releases
 - Can assign etcd-manager version ranges to kops versions in case the rest of the manifest needs to be updated for a certain etcd-manager version
- [justinsb] A good comment on one of our youtube video suggested using GithubActions instead of Travis for MacOS testing
 - (Playlist is [here](#) and is now up to date!)

- ~~#8990~~ Add initial github actions workflow
- [justinsb] Added some more tests trying to track down the flannel issue
 - We're doing OK on changing the CNI **or** changing the distro
 - But a lot of combinations (changing both) have problems
 - Known issues:
 - Bring COS support for volume mounters to CoreOS/FlatCar
 - Roll out the sysctl changes across more OSES (related: [capture sysctls](#))
 - (Testing issue: Cluster name length hits 64 character limit on IAM roles [workaround](#))
 - Unknowns remain:
 - Flannel + rhel7 host node problems; which is the original issue. But not seeing the checksum issues in the captured syslogs.
 - Flannel + rhel8 fails to start
 - Hakman: keep in mind that Flannel hasn't been upgraded to latest version
- [hakman] [#8938](#) ARM64 support for worker nodes is ready
 - May need help with making the Docker images multi-arch
 - Same goes for etcd-manager
- [peter] [#8928](#) Allow etcd-managed Cilium to be set by create cluster flags
 - Mostly for e2e testing purposes

Release plan for upcoming 2 weeks:

- 1.18.0-alpha.3? At least I need it [zetaab]
 - [#8897](#) Initial validation during rolling update does a single try.
 - Merge [#8614](#) ?
 - [#8722](#) add replaceBeforeVersion field for channel
 - [hakman] Maybe name it **beta.1**? Seems time for a beta for 1.18
- Blockers for 1.17.0 ([open cherry-picks](#))
 - Merge & cherry-pick [#8614](#) ?
 - [#8843](#) & [image-builder#199](#) <https://github.com/kubernetes/kops/issues/8843> - Set iptables alternatives legacy/nft (useful only for debian Buster)
 - Backport flannel PRs
- [#205](#) - Create buster AMIs

Apr 10th 2020

Attendees

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Matteo Ruina - Skyscanner
- Ciprian Hacman - Sematext
- Matt Shipman - Pluralsight

Agenda

- [hakman] - TravisCI integration is not always updated and PRs cannot be merged
 - Seems to affect only some PRs
 - Related to <https://www.traviscistatus.com/incidents/rx6fhs3wqcln>
 - The recommended solution is to migrate the repo to GitHub Apps on <https://travis-ci.com/account/repositories>.
 - Example PRs: <https://github.com/kubernetes/kops/pull/8839>
 - PR with missing Travis status (after force push): [8883](#)
 - Decision: contact sig-contribx if it keeps happening (org-level integration)
- [mazzy89] [#8780](#) NodeLocal DNSCache - PR is ready for review
- [hakman] - adding Arm64 support for worker nodes, any thoughts?
- [johngmyers] [#8826](#) How quickly do we want to remove the legacy etcd provider?
- [johngmyers] [#8868](#) and cluster validation flapping
- [johngmyers] [#8722](#) add replaceBeforeVersion field for channel
- [johngmyers] [#8614](#) Pull the plug on Canal and vxlan Flannel backend in k8s 1.17?
 - Decision: proceed with merging, on the basis that we'd have to update the flannel version anyway in our manifests
- [hakman] cleanup Docker patch versions like 18.06.1, 18.06.2, 18.06.3
 - Decision: add validation to prevent these docker versions on newer k8s versions
- [mattshipman] [#8864](#) possible 1.16.1 for kube-router fix
 - [E2E failures](#)
- [ryanbonham] [#8897](#) Initial validation during rolling update does a single try.
 - Should we remove the func (c *RollingUpdateCluster) validateCluster() or ignore?
 - Decision: johngmyers to head up a PR for discussion

Release plan for upcoming 2 weeks:

- 1.16.1
 - ~~[#8864](#) - Update kube-router to v0.4.0~~
- 1.18.0-alpha.3? At least I need it [zetaab]
 - Review new behaviour in [#8868](#)
 - Cf [#8897](#) Initial validation during rolling update does a single try.
 - Merge [#8614](#)
 - [#8722](#) add replaceBeforeVersion field for channel
 - Cut release-1.18 branch? Not yet
- Blockers for 1.17.0 ([open cherry-picks](#))
 - Merge & cherry-pick [#8614](#)
 - [#8843](#) & [image-builder#199](#) <https://github.com/kubernetes/kops/is8843> - Set iptables alternatives legacy/nft (useful only for debian Buster)
- [#205](#) - Create buster AMIs

Mar 27th 2020

Attendees

- Mike Splain - Sonos
- Eric Hole - Google/Data Piper
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Justin SB - Google
- Deniz Zoeteman - Schuberg Philis
- John Gardiner Myers - Proofpoint
- Yu-An Lin - Proofpoint
- Eric Bailey - Sportradar
- Brandon Wagner - Amazon
- Cipran Hacman - Sematext

Agenda

- [mikesplain] cgroups/cgroup-drivers - cgroups vs systemd
- [peter] [#8783](#) k8s 1.19 drops apiserver support for basic auth
 - We'll want to no longer create the basic auth secret and include it in kubecfg files
 - Should we only do that for >= 1.19? We'll need to get access to the k8s version [here](#)
 - [hakman] tested and 1.11 works without basic auth so we can remove it for all k8s versions in kops 1.19 if we want to
 - Decision: conditionally create basic auth secrets based on k8s version if we can do that easily
- [hakman] past office hours in YouTube channel are not up to date
- [hakman] networking legacy / nft for kops 1.17+
- [peter] [#7052](#) terraform 0.12 update
 - Decision: don't support 0.11 syntax forever, have --target terraform use new syntax. Feature flag for preserving old syntax. Mention in release notes including deprecation schedule
- [brandon] Discuss proposal for adding declarative resource filtering for instance-types when creating clusters and instance-groups: [#8804](#)
 - Decision: include instance-type suggestion command in kops toolbox
- [johngmyers] [#8722](#) add replaceBeforeVersion field for channel
- [johngmyers] [#8799](#) Deprecate k8s 1.10 in kops 1.19 ?
- [johngmyers] [#8614](#) Pull the plug on Canal and vxlan Flannel backend in k8s 1.17?
 - [mwagner] Are we providing a guide to migrate within changelog?
- [johngmyers] [#8700](#) [test-infra#16678](#) Balk at using Kubernetes versions too new to be supported
- [johngmyers] [#8431](#) Remove v1alpha1 API
- [ericbailey] [#8750](#) Use etcd-manager for the cilium etcd cluster

-
- [peter - last, time permitting] Can justin walk through the updating of k8s dependencies in go.mod? Master and release-1.17 are still on 1.16 versions.

Release plan for upcoming 2 weeks:

- Create buster AMIs
- 1.18.0 alpha
 - Merge v1alpha1 removal and then do the next alpha release
 - Also create release-1.18 branch
 - Follow instructions in [docs/development](#)
- Blockers for 1.17.0
 - ~~#8846 - Remove support for older Docker 1.11, 1.12 and 1.13~~
 - ~~#8845 - Add optional Docker to 19.03.8~~
 - Decision on [#8614](#)
 - [#8843](#) - Set iptables alternatives legacy/nft (useful only for debian Buster)
 - ~~#8807 - Mixed instances rolling updated fixes (cherry-pick)~~
 - Update kubernetes dependency versions?
 - ~~#8783 - Remove basic authentication support~~

Mar 13th 2020

Attendees

- Justin SB - Google
- John Gardiner Myers - Proofpoint
- Matteo Ruina - Skyscanner
- Ryan Bonham - Granular
- Seth Pollack - Zillow Group
- Mike Splain - Sonos
- Peter Rifel - TUNE
- Rodrigo Menezes - Pinterest
- Timo Reimann - DigitalOcean
- Srikanth Rao - DigitalOcean KOPS contributor
- Robin Percy - OpsGuru
- Ciprian Hacman - Sematext

Agenda

- [hakman] Experimental to move or have also spec alternative as feature flags instead of env vars (same as for Kubernetes components)
- [hakman] Created a PR for enabling launch templates via instance group option:
 - Do we still want it as an instance group option?
 - [#8693](#) - Fixes for launch templates for TF and CF providers (code review)

- Decision: feature flagged in 1.18, will decide 1.19 later
- [peter] [#304](#) etcd-manager is missing the K8s 1.16 recommended etcd version
 - Decision: add support but consider how to avoid adding new versions into etcd-manager image going forward
- [johnngmyers] [#8614](#) Remove support for Canal and the vxlan Flannel backend for k8s 1.17+
 - Decision: Defer for two weeks
- [johnngmyers] [#8700](#) [test-infra#16678](#) Balk at using Kubernetes versions too new to be supported
- [johnngmyers] LGTM'ed PRs waiting for an approver
 - [#8582](#) Create New Default StorageClass: kops-ssd-1-17
 - [#8312](#) Add cloud ntp addresses
- [hakman] PRs waiting for review for a very long time. I don't mind closing them if they are not useful.
 - ~~[#8221](#) Move "docker healthcheck" to DockerBuilder~~
 - ~~[#8525](#) Update support for docker tgz package~~
- [hakman] TODO for Kops 1.17:
 - Investigate / fix firewall rules to detect iptables legacy/nft
 - [#8738](#) - Docker upgrade to 19.03.8 (bugfix release)
- [peter] [#8736](#) integration test refactoring options
- [Timo and Sri] Digital Ocean promote to Beta discussion
 - HA issue related to <https://github.com/golang/net/pull/55> ?
- [matteo] Issue with the Lyft CNI and some new instance type

Release plan for upcoming 2 weeks:

- Create buster AMIs
- 1.18.0 alpha
 - If anything comes up
- Blockers for 1.17.0
 - Hakman issue re iptables
 - [#8738](#) - Update Docker to 19.03.8 ?
 - Decision on 8614
 - 8582?

Feb 28th 2020

Attendees

- John Gardiner Myers - Proofpoint
- Justin SB - Google
- Peter Rifel - TUNE
- Eric Hole - Google/Data Piper
- Guy Templeton - Skyscanner

- Ciprian Hacman - Sematext
- Yuvraj - NA
- Mike Splain - Sonos
- Rodrigo Menezes - Pinterest

Agenda

- [johngmyers] `kubectl apply -f` misapplies the change in [#8550](#) due to what appears to be [a bug in the ServiceSpec API](#). If server-side apply addresses this, should we use it for k8s 1.18+?
 - Decision: approach by having channels delete and reapply the resource.
- [johngmyers] Need reviews: [#8313](#) [#8446](#). Hard to make progress when PRs sit for a month.
- [johngmyers] [#8431](#) Remove v1alpha1 API.
 - Decision: will get list of API changes to be cherry-picked to 1.17 and wait until they're merged before removing v1alpha1
- [michalschott] Proposal - [#8162](#) - etcd metrics; possible cherry-pick to 1.16?
 - Decision: Focus on releasing 1.17.0 stable soon rather than adding non-bugfixes to a 1.16.1, 1.17.0 could also be usable to setup or maintain a Kubernetes 1.16 cluster.
- [hakman] Also related - [#8402](#) - Allow users to overwrite etcd settings (more generic)
- [hakman] Just nudging about code reviews for:
 - [#8221](#) - Move "docker-healthcheck" to DockerBuilder
 - [#8525](#) - Update support for docker tgz package
- [hakman] replace e2e node status check with "kops validate cluster" - [#8515](#)
 - Decision: Run "validate cluster --wait 15m --count 3" before the e2e node status check. If any of the retries fail, exit with error.
- [peterr] AWS IAM Authenticator issue [with 0.5.0](#)
 - This 0.5.0 upgrade landed in 1.17.0-beta.1
 - We can either rollback to 0.4.0 for now, or add a new API field that allows specifying the --backend-mode. This would need to only be set on versions $\geq 0.5.0$, and since we allow users to override the image, we can't guarantee that any image tag semver parsing would be sufficient, so we may need to require users specify it if they're using $\geq 0.5.0$ and overriding the image
 - Decision: Add a new API field, set it for new clusters. Users that specify an image must also specify a backend mode - warn this in the api field and release notes. Ask Nick Turner about fixing authenticator in a 0.5.1
- [johngmyers] Versioned docs, or at least publish docs for a GA release?
 - Decision: Open an issue and we can discuss potential solutions. Try to switch Netlify to use latest stable release's branch instead of master.
- [geojaz] e2e test organization (quick!) [#16543](#)
- [hakman] Add Peter or someone in the org to owners file in kubetest kops.go

Release plan for upcoming 2 weeks:

- Create buster AMIs

- 1.18.0 alpha
 - If anything comes up
-

Feb 14th 2020

Attendees

- Justin SB - Google
- Guy Templeton - Skyscanner
- John Gardiner Myers - Proofpoint
- Prakash Ramchandran - Dell
- Shane Starcher - N/A
- Matteo Ruina - Skyscanner
- Eric Hole - Google
- Peter Rifel - TUNE
- Cipian Hacman - Sematext
- Rodrigo Menezes - Pinterest
- Robin Percy - OpsGuru

Agenda

- [peter] CoreDNS:
 - 1.6.7 image missing from k8s.gcr.io, accidentally made it into kops 1.17.0-alpha.3 (reverted in 1.17.0-alpha.4)
 - Not caught because no e2e tests used CoreDNS (Now [here](#))
 - [gjtempleton] Test all images included by default with kops - even if not the default?
 - Switch kops default from KubeDNS to CoreDNS: [7919](#)
 - [hakman] KubeDNS is now deprecated and [will no longer be supported](#)
 - Already added to 1.18.0-alpha.2 release notes
 - Proposal: Switch default to CoreDNS for new clusters and for new k8s versions only
- [johngmyers] How do we catch bad addon changes in automated tests?
 - There are a lot of addon manifests. Add an e2e test for each one to testgrid?
 - How to catch attempts to upgrade immutable fields?
- [hakman] [Automatically retest](#) PRs with /lgm and /approved
 - Already done for *kubernetes/kubernetes* and *kubernetes/test-infra*
 - <https://github.com/kubernetes/test-infra/pull/16304>
- [hakman] Added improved tgz support for Docker, still blocked by the latest release mess with containerd, but the change is minimal and may be nice to check. [#8525](#)
- [peter] build artifacts update
 - [Kops-controller is being pushed](#) to GCR on every merge but missing unique tag
 - Kops, nodeup, and image tar.gz uploaded to GCS on every merge

- `gsutil ls -lr`
 - `gs://k8s-staging-kops/kops/releases/v20200214-1.18.0-alpha.2-75-g721ed47e9/`
 - Need to determine how we can make these work together easily (KOPS_BASE_URL)
 - <https://github.com/kubernetes/kops/pull/8518#issuecomment-584356080>
- [justinsb] working on reproducible builds ... aim is automated releases
- [hakman] CoreOS deprecation handling
 - Mention in release notes
 - Ensure coverage of flatcar

Release plan for upcoming 2 weeks:

- Promote AMIs?
- Create buster AMIs
- 1.18.0 alpha
 - Only if anything comes up
- 1.17.0 beta
 - Mostly so we don't have two open alphas and to start stabilizing
- 1.16.0 ??
 - Regression note for coredns 1.6.6 missing metric (with workaround)
 - Hakman has an open PR - [#8543](#)
 - Release notes to include deprecation note against release/1.16.0.md #

Jan 31st 2020

Attendees

- Justin SB - Google
- Seth Pollack - Zillow Group
- Mike Splain - Sonos
- Guy Templeton - Skyscanner
- Ryan Bonham - Granular
- Eric Hole - Google/DataPiper
- Christian Jantz - Level 25
- John Gardiner Myers - Proofpoint
- Rodrigo Menezes - Pinterest
- Peter Rifel - TUNE
- Ciprian Hacman - Sematext

Agenda

- [peter] Updating AWS GP2 StorageClass' VolumeBindingMode: [8416](#)
 - The field is immutable so how should we go about updating it?
 - Carlos (cpanato) is willing to make the changes, I'm not able to attend the meeting so please let me know the decisions.

- Proposal: create a new storage class, consider making it default?
 - Also interest in adding volume expansion field but will happen in different PR
- [peter] Adding custom environment variables to AWS VPC CNI: [8276](#)
 - Looking for feedback on the API field name
 - Decision: will use "env"
 - Switch to list of name: value: rather than map[string]string
- [hakman] Release 1.18-alpha.1
 - Should we try an early alpha?
 - Maybe create those Buster images to start testing them?
- [hakman] Move "docker-healthcheck" to DockerBuilder: [8221](#)
 - probably easier to sync about it during the call
 - Do not change behavior when running Docker versions < 1.18
- [gjtempleton] CoreDNS 1.6.6 Cache Metrics Regression [8452](#)
 - Means moving even further ahead of k/k
 - Also.. we just released all with 1.6.6
 - Blocker on 1.18 release
 - Cherry-pick back to 1.15
- [justinsb] We hit a problem with USER=1000 vs writing a log file kops-controller.log
 - Likely means we have a missing test - will investigate
 - Should we even try to run kops-controller under a non-root user? [8454](#)
 - Kops-controller => 1001, log file chmod 600, chown 1001
 - Kops-controller to output version (& sha) in logs
- [justinsb] Demo / discussion of addons functionality
 - Allowing for management of additional Kubernetes objects
 - create with `--add`, shows up in `kops get`
 - Anything added is `apply`d to the cluster
 - Addons are described using CRD instances e.g. `kind: NodeLocalDNS`
 - kops-controller currently embeds the addon operator
 - Need a way to allow replacement / avoid this becoming the same problem again!
 - Feedback:
 - How is it going to work with assets? Need support for mirrors in both addons operators and then integrated into kops
 - What happens when there is an update? Probably need a field to control notify vs auto-install
 - What about people that neuter the built-in CNIs?
 -
- [rdrgmnzs] PRs to inject env variables configs into etcd.
 - <https://github.com/kopeio/etcd-manager/pull/296>
 - <https://github.com/kubernetes/kops/pull/8402> [Will revise]
- [hakman] Launch Templates is needed for tagging root volumes in AWS
 - Right now it is behind a feature flag for some time
 - <https://github.com/kubernetes/kops/issues/3358#issuecomment-580628405>

- Will look into replacing the feature flag with a regular flag for instance groups and add tagging

Release progress:

- New AMIs are in alpha channel
- 1.18.0 alpha.1 hit a problem with permissions
- 1.17.0 alpha.2
 - Known issues:
 - I forgot to bump the kops-controller version
- 1.16.0 beta.1
 - Known issues:
 - I forgot to bump the kops-controller version
- 1.15.1
- Did not do 1.14.2 - not a lot in there

Release plan for upcoming 2 weeks:

- Promote AMIs?
- Create buster AMIs
- 1.18.0 alpha.2
 - Blocked on:
 - [8454](#)
 - (I might try making this more automated / regular)
- 1.17.0 alpha.3 (semi-urgent)
 - [8452](#)
 - To include kops-controller bump
- 1.16.0 beta.2 (semi-urgent)
 - [8452](#)
 - To include kops-controller bump

Jan 17th 2020

Attendees

- Oleg Atamanenko - Zendesk
- Peter Rifel - TUNE
- Guy Templeton - Skyscanner
- Ciprian Hacman - Sematext
- John Gardiner Myers - Proofpoint
- Mike Splain - Sonos
- Simone Sciarrati - Meltwater

Agenda

- [justinsb] Moving to debian buster as our base? iptables issue
- [johngmyers] Getting 1.16 to beta
 - [8248](#) Old version fix
 - [8200](#) Missing priorityClassName
 - [8333](#) CoreDNS to 1.6.6 ?
 - Will look at what's happening in k/k e.g. <https://github.com/kubernetes/kubernetes/pull/86260>
 - [Remaining 1.16 PRs open](#)
- [johngmyers] [8271](#) Rolling update concurrency
- [johngmyers] [8064](#) Deprecate v1alpha1 API?
- [rdrgmnzs] Custom config for etcd using etcd-manager
 - No way to do so currently?
- [hakman] Support for Amazon Linux 2 is broken, "container-selinux" doesn't have the required deps anymore. What to do about it?
- [hakman] Kubernetes version used in CI and periodic tests is usually unstable. Why not use the latest stable? Kops is N months behind the Kubernetes master.
 - At least one periodic for latest head
 - Other periodics: no preference for latest vs stable
 - Presubmits use latest release tag of k/k (1.18.0-alpha.1 for kops master)
- [peter] CI update:
 - More version and distro e2e jobs. More blue <https://testgrid.k8s.io/sig-cluster-lifecycle-kops#Summary>
 - sig-release now discourages use of beta/stable1/stable2/stable3 version markers ([slack](#), [GH Issue](#)) we can switch to minor-version-specific markers but need to decide between "latest" and "stable" for each release branch. [More info](#), [current markers available](#)
 - Planned new jobs:
 - CoreDNS
 - Remaining CNI plugins
- [hakman] Change default instance type for AWS to T3, may be faster and cheaper for basic clusters. [#8282](#)
- [hakman] Once containerd .tgz [#8199](#) is merged, should do a similar thing for Docker (move deps to packages.go, make it work with new packages with containerd). Why do we have both packages.go and miscutils.go?
- [peter] filesystem state store for CI workflows: [#6465](#)

Release plan for upcoming 2 weeks:

- New AMIs
- 1.18.0 alpha :)
 - Should include [8221](#)
- 1.17.0 alpha.2
- 1.16.0 beta.1

- Per john's list above
- 1.15.1 ?
 - Maybe also fix [8248](#) ??
- 1.14.2 ?
 - There are a bunch of things that got merged into release-1.14, maybe a final version would be nice

Jan 3rd 2020

Attendees

- John Gardiner Myers - Proofpoint
- Mike Splain - Sonos
- Justin SB - Google
- Peter Rifel - TUNE
- Matt Ouille - Intuit
- Rodrigo Menezes- Pinterest
- Ciprian Hacman - Sematext
- Guy Templeton - Skyscanner

Agenda

- [peter] New AMIs? <https://github.com/kubernetes/kops/issues/8224>
- [hakman] AMIs - Why is Docker pre-installed? Not so good for containerd or if someone wants a different Docker version.
- [hakman] RHEL / CentOS 8 cannot exec binaries from /var. Is it ok to move NodeUp binaries to /opt? This would unblock e2e tests for containerd and RHEL 8.
<https://github.com/kubernetes/kops/pull/8212>
- [hakman] Docker HealthCheck has to be moved to builder so that it doesn't run for containerd also. Why Debian only? Why not behind a flag?
<https://github.com/kubernetes/kops/pull/8221>
- [peter] K8s Deprecation:
 - We already aren't supporting k8s versions newer than we planned:
 - <https://github.com/kubernetes/kops/pull/8248>
 - These open cherry picks should finalize the deprecation notice, pending discussion from above bullet point:
 - <https://github.com/kubernetes/kops/pull/8206>
 - <https://github.com/kubernetes/kops/pull/8207>
 - Add periodic e2e for supported releases with latest Kops:
 - Added e2e-kops-aws-k8s-1.9 - 1.15
<https://testgrid.k8s.io/sig-cluster-lifecycle-kops#Summary>
- [matt] Need some help understanding how I broke complex tests
 - <https://github.com/kubernetes/kops/pull/7837>

- Could be related to <https://github.com/terraform-aws-modules/terraform-aws-vpc/issues/267> ? [mikesplain]
- [adamw] question about etcd-manager, best way to interact and debug when having issues (and if this is the correct venue to discuss)
 - <https://github.com/kopeio/etcd-manager/issues/288>
- [peter] getting image pushing working for staging images:
 - <https://github.com/kubernetes/kops/pull/8259>
 - Need to know which GCR repo to use

Release plan for upcoming 2 weeks:

- New AMIs
- 1.18.0 alpha :)
 - Should include [8221](#)
- 1.17.0 alpha.2
- 1.16.0 beta.1
 - Must fix [8200](#)
 - Also old version fix [8248](#)
- 1.15.1 ?
 - Maybe also fix [8248](#) ??
- 1.14.2 ?
 - There are a bunch of things that got merged into release-1.14, maybe a final version would be nice

Dec 20th 2019

Attendees

- Justin SB - Google
- Eric Hole - Google/Data Piper
- Ryan Bonham - Granular
- Ciprian Hacman - Sematext
- John Gardiner Myers - Proofpoint
- Peter Rifel - TUNE
- Matt Ouille - Intuit

Agenda

- [ehole] E2E tests: kops-postsubmit-push-to-staging jobs seem to be failing always and we don't have an obvious way to fix or help. @justinsb has more context. Please share. Possibly related to [#7697](#)
- [hakman] What's left for Containerd before it can be merged?
 - [hakman] will add --containerd-runtime flag for "create cluster" <https://github.com/kubernetes/kops/pull/8172>

- [hakman] will add periodic e2e job for Containerd, may need some help to do it
<https://github.com/kubernetes/test-infra/pull/15669>
<https://github.com/kubernetes/kops/pull/8175>
- [hakman] List of static check failures is quite short now. What is the plan with the verify-staticcheck test. Should we push to get remaining issues?
 - Geojaz will look into this
 - <https://github.com/kubernetes/test-infra/pull/15670>
 - Apparently we can keep jobs in our repo:
<https://github.com/kubernetes/test-infra/issues/13370#issuecomment-567380449>
- [peter] Enable the milestone applier prow plugin:
<https://github.com/kubernetes/test-infra/pull/15647>
- [hakman] Add more periodic tests for OSes (like for RHEL8)
- [peter] We should announce deprecations now
 - We decided last meeting to deprecate k8s <= 1.8
 - Docker versions? Any other dependency versions?
 - Not as high a priority
 - Determine how to announce them
 - Add deprecation warning in kops 1.16
 - Remove support in kops 1.18
- [johngmyers] Taint all nodes during rolling update:
<https://github.com/kubernetes/kops/pull/8021>
- [justinsb] TODO: Check systemd unit file restart policy - that we don't go into failed
- [johngmyers] CI checks on release branches
 - Adding release branches here:
<https://github.com/kubernetes/test-infra/blob/master/config/jobs/kubernetes/kops/kops-config.yaml#L5>

Dec 6th 2019

Attendees

- John Gardiner Myers - Proofpoint
- Justin SB - Google
- Ryan Bonham - Granular
- Ciprian Hacman - Sematext
- Rodrigo Menezes - Pinterest
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Eric Hole - Google/Data Piper
- Mike Splain - Sonos

Agenda

- [peter] Updating the CNI and other addon DaemonSets to use [OnDelete rather than RollingUpdate](#). This way if the new version requires changes only made to

new nodes, the pods can be replaced as nodes are replaced in a kops rolling-update.

<https://github.com/kubernetes/kops/issues/7971>

- Perhaps we have the rolling-update statuses check for out-of-date daemonset pods in addition to out-of-date launch configurations?
- Decision: we will test this with the AWS IAM Authenticator daemonset first
- ACTION ITEM: Communicate status of master branch, being less stable than normal as we are targeting 1.18 in master now.
- [zetaab] needs review from justin
<https://github.com/kopeio/etcd-manager/pull/265>
- [peter] Formalize deprecation policy
<https://github.com/kubernetes/kops/issues/7999>
 - PRs impacted by this:
 - <https://github.com/kubernetes/kops/pull/7967>
 - <https://github.com/kubernetes/kops/pull/7909>
 - <https://github.com/kubernetes/kops/pull/7908>
 - <https://github.com/kubernetes/kops/pull/7796>
 - Decision: Drop support for Kubernetes <=1.8, add warning in release notes and cherry-pick a
- [peter] first step of terraform 0.12 support - renaming route resources:
<https://github.com/kubernetes/kops/pull/7957>
 - The easiest way was to prefix all routes in terraform, so this affects more than what is necessary but the impact is still relatively small. It is a breaking change, so it should be called out in the release notes
 - Decision: add a new target for terraform 0.12, add warnings in tf output and release notes, add version constraints in .tf files
- [geojaz] Discussion: GCE support=>GA
 - Eric will draft an issue outlining the work to be done and begin filling in the gaps.
- [hakman] Discuss support for containerd container runtime
 - <https://github.com/kubernetes/kops/pull/7986>
 - Discussion: Should we nest the CRIs all under one structure?
 - hakman: I don't think it's the right time to do it, or should do it in a future patch to keep things simpler.
- [joshbranham] RollingUpdate strategy
 - Multiple PRs in flight, would like to start thinking of where we would like to see this go
 - <https://github.com/kubernetes/kops/pull/7407>
 - <https://github.com/kubernetes/kops/pull/8021>
- [bittopaz] Update module version of kops in etcd-manager
 - <https://github.com/kopeio/etcd-manager/issues/268>
- [bittopaz] Alicloud: external cloud controller manager addon
 - Review: <https://github.com/kubernetes/kops/pull/7849>
- [johngmyers] New features in v1alpha1 API
 - <https://github.com/kubernetes/kops/pull/7908>

- ACTION: Agreed to deprecate v1alpha1 asap. Need to determine release to deprecate in. Follow on in deprecation issue.
- [johngmyers] DrainAndValidateRollingUpdate feature flag
 - <https://github.com/kubernetes/kops/pull/7909s>
- [peter] E2E job fixes:
 - 1.16 E2E is failing because the volume fix in the E2E tests themselves only made it into 1.17. Proposed cherry-pick:
 - <https://github.com/kubernetes/kubernetes/pull/85929>
 - If that CP isn't accepted we should just disable the 1.16 E2E job
- [Ryan] Mixed Instance Policy Bug - <https://github.com/kubernetes/kops/pull/8038>
Do we want to cut new 1.14, 1.15 releases? Cherry Picks are open.
- [rdrgmnzs] Can bindata.go be committed to git?
<https://github.com/kubernetes/kops/pull/8001>
 - Discussion: Bindata compresses for runtime vs dev which makes merge conflicts frequent. Checking if we can not compress would make committing bindata.go more feasible.

Releases done:

- Kops 1.15.0, 1.16.0-alpha.2, 1.17.0-alpha.1

Release plan for upcoming 2 weeks:

- K8s versions from alpha -> stable
- AMIs from alpha -> stable
- ???

Nov 8th 2019

Attendees

- Justin SB - Google
- Ryan Bonham - Granular
- Christian Jantz - Level 25
- Peter Rifel - TUNE
- Guy Templeton (Skyscanner)
- Matteo Ruina (Skyscanner)
- Zac Blazic (Zappi)
- John Gardiner Myers - Proofpoint
- Austin Moore (Capital One)
- Simone Sciarrati (Meltwater)
- Christian Beneke (Trade Republic)
- Gregory Brzeski, Frederico Silva, Frederico Silva - HyperOne
- Michael Wagner - x-ion

Agenda

- [peter] Testing update
 - E2E tests are much better:
<https://testgrid.k8s.io/sig-cluster-lifecycle-kops#Summary>
 - Misc test-infra PRs:
 - No longer use k8s 1.15 for E2E now that we've fixed the node label issue: <https://github.com/kubernetes/test-infra/pull/15096>
 - Add E2E for AWS VPC CNI (similar to other CNI-specific jobs)
<https://github.com/kubernetes/test-infra/pull/15142>
 - Add presubmit E2E jobs for release branch MRs:
<https://github.com/kubernetes/test-infra/pull/15176>
- [Ryan B] Bug Fix to pull for 1.15 - <https://github.com/kubernetes/kops/pull/7856>
- [gjtempleton] Capacity optimised MixedInstancePolicy - is Terraform feature parity a requirement? -
<https://github.com/terraform-providers/terraform-provider-aws/issues/9750>
- [johngmyers] Rolling update versus cluster API
 - <https://github.com/kubernetes/kops/pull/7407>
- [matteoruina] Lyft 0.5.0 - where to store the binary?
 - <https://github.com/kubernetes/kops/pull/7402>
- [zacblazic] Implementing Calico BGP route reflectors in kops
 - Issue: <https://github.com/kubernetes/kops/issues/7604>
 - Draft PR: <https://github.com/kubernetes/kops/pull/7897>
- [austinmoore-] Discuss options for PR
<https://github.com/kubernetes/kops/pull/6956>
- [hakman] - <https://github.com/kubernetes/kops/pull/7860>
 - Pull into 1.15 and lower ?
 - Should add any other distros?
 - Should some cleanup be done in older Docker versions
 - Debian Buster support plan
 - Upstream issues:
<https://github.com/kubernetes/kubernetes/pull/82966> ,
<https://github.com/kubernetes/kubernetes/issues/71305>
- [matteoruina] nodelocal DNS - what's the plan for implementing it? I see
<https://github.com/kubernetes/kops/issues/7459>
- [peter] KubeCon San Diego - plans?

Releases done:

- Kops 1.14.1
- (Not Kops 1.15.0, as agreed)
- Kops 1.16.0 alpha.1
- K8s versions from alpha -> stable
- AMIs from alpha -> stable

Release plan for upcoming 2 weeks:

- Kops 1.15.0
 - <https://github.com/kubernetes/kops/pull/7860/files>
 - <https://github.com/kubernetes/kops/pull/7856>
- Kops 1.16.0 alpha.2
 - Maybe print error if not supported clouds try to update 1.16?
- Kops 1.17.0 alpha.1
- New AMIs into alpha channel

Oct 25th 2019

Attendees

- Mike Splain (Sonos)
- Justin SB (Google)
- Ryan Bonham (Granular)
- Shane Starcher (N/A)
- Guy Templeton (Skyscanner)
- Peter Rifel (TUNE)

Agenda

- [mikesplain] / [zetaab] - Calico 3.9.1 - <https://github.com/projectcalico/calico/issues/2959>
 - Marked as blocker, below. We will wait on bug fix progress and re-discuss next office hours.
- [mikesplain] PR Reviews:
 - <https://github.com/kubernetes/kops/pull/7699>
- [RyanBonham] 1.14.1 ?
- [peter] AWS VPC CNI blocker:
 - <https://github.com/aws/amazon-vpc-cni-k8s/releases/tag/v1.5.4>
 - Revert <https://github.com/kubernetes/kops/pull/7398> or wait for 1.5.5?
 - Release 1.5.5 status: <https://github.com/aws/amazon-vpc-cni-k8s/pull/672>
- [peter] Fix E2E periodic jobs:
 - [EBS Volumes missing KubernetesCluster tag causing permissions issue?](#)
 - Attempted to fix in <https://github.com/kubernetes/test-infra/pull/14535> but appears to only affect GCE tests
 - Looking into it more... for AWS we just use the GinkgoScriptTester [0] which shells out to k/k's hack/ginkgo-e2e.sh [1] which can have the --cluster-tag flag set by the CLUSTER_ID env var [2]. I wonder if it would make sense to just os.Setenv somewhere in kubetest/kops.go ? or plumb it more explicitly into GinkgoScriptTester I suppose

- [0]
 - <https://github.com/kubernetes/test-infra/blob/master/kubetest/kops.go#L566-L568>
 - [1]
 - <https://github.com/kubernetes/test-infra/blob/master/kubetest/e2e.go#L712-L718>
 - [2]
 - <https://github.com/kubernetes/kubernetes/blob/master/hack/ginkgo-e2e.sh#L157>
 - Only went to “direct ginkgo” because it was lower impact
 - Because AWS tests are not passing, we can probably try to use direct rather than ginkgo-e2e.sh
- [cheng] 1.16.0 and left items?
 - To upload nodeup: Search for “UPLOAD_DEST”, justinsb to document properly
 - https://github.com/kubernetes/kops/blob/9c515f965050fdecf9dc93fc19ebd190611ae72a/docs/development/adding_a_feature.md#testing
 - And also
 - <https://github.com/kubernetes/kops/blob/942c8915db30780e4b1686218454e0afc2b73df2/docs/development/testing.md#running-the-kubernetes-e2e-test-suite>
 - <https://github.com/kubernetes/kops/blob/master/docs/development/bazel.md>
- [mikesplain] docs update
 - Awesome progress on docs; we should be getting a netlify site soon. When we're ready/happy we can get a real DNS name from the k8s.io github repo
- [peter] docker package upgrades - 18.09 no longer supports Jessie, how should we handle that?
 - <https://download.docker.com/linux/debian/dists/jessie/pool/stable/amd64/>
 - Download with tar.gz
 - E.g.
 - <https://github.com/kubernetes/kops/blob/cb66ae7af90f3af0cafea47706fa622c68e9eca9/nodeup/pkg/model/docker.go#L437-L447>
- [mikesplain] Should we allow users to specify the docker package?
 - <https://github.com/kubernetes/kops/pull/6956>

Releases done:

- Kops 1.15.0 beta.1

Release plan for upcoming 2 weeks:

- Kops 1.14.1
- Not Kops 1.15.0
 - Blockers:

- AWS VPC CNI regression - <https://github.com/kubernetes/kops/pull/7398>
Wait for 1.5.5 or revert prior to release
 - ~~Calico bug from [zetaab]~~
<https://github.com/projectcalico/calico/issues/2959>
- Kops 1.16.0 alpha.1
 - Need any PRs??
 - <https://github.com/kubernetes/kops/pull/7699>
 - Some fix for AWS VPC CNI 1.5.4 regression
 - <https://github.com/kubernetes/kops/pull/7829> ~~[zetaab] added after meeting~~
 - Release notes should list which cloud providers will not have correct node labels
 - Maybe print error if not supported clouds try to update 1.16?
- AMIs from alpha -> stable
- K8s versions from alpha -> stable
 - 1.14.7 has a problem with ELBs; push 1.14.8 into stable

Oct 11th 2019

Attendees

- Peter Rifel (TUNE)
- Justin SB (Google)
- Guy Templeton (Skyscanner)
- Guy Templeton (Skyscanner)
- Mike Splain (Sonos)

Agenda

- [mikesplain] Nodes not joining cluster issue?
(<https://github.com/kubernetes/kops/issues/6483> / [nodes not joining cluster cluster](#) Related to 1.11.10 enforcement?
 - *[justinsb]* Shouldn't be - 1.11.10 enforcement should only be client side.
 - [mikesplain] That's my thoughts too, just thought I'd mention it as that ticket had an uptick in comments... most likely unrelated to each other
- [peter] Should we have kops-controller log to a hostPath volume mount? Similar to the static pods, but there's only one replica so only master host would have it. We could then add it to the [log files being dumped in E2E tests](#).
- [peter] Eyes on these PRs:
 - <https://github.com/kubernetes/kops/pull/7539>
 - <https://github.com/kubernetes/kops/pull/7728>
 - <https://github.com/kubernetes/kops/pull/7398>
- [peter] Looking for suggestions on how to add support for E2E testing Kops features not available through command line flags

- Currently E2E clusters are created only with [flags](#) I'm wondering if we can provide a YAML file instead to test more advanced functionality
- [justinsb] we should figure out roadmap
-

1.17 / 1.18 / Beyond Roadmap:

1.17

- [justinsb] Addon Operators
- [justinsb] More secure by default
 - Node bootstrap tokens (extend the AWS node-authorizer)
 - Will require help from OpenStack & other clouds
 - Lock down more endpoints?
 - [zetaab] we could check these reports could we fix something (executed with 1.15 alpha):
 - Masters
<https://gist.github.com/zetaab/8cd227d533013f08be55cdef629889a2>
 - Nodes
<https://gist.github.com/zetaab/c8f784f2065ce9a6246b348ef919b65e>
- [justinsb] Cluster-API support for nodes
- [justinsb] Containerd optional
- [mikesplain] more work on docs

1.18

- [justinsb] Cluster-API support for masters / clusters

Beyond

- ???

Releases done:

- Kops 1.14.0

Release plan for upcoming 2 weeks:

- Kops 1.15.0 beta.1
- Kops 1.16.0 alpha.1
 - Need a few PRs:
 - <https://github.com/kubernetes/kops/pull/7692>
 - Memberlist PR
 - Release notes should list which cloud providers will not have correct node labels
 - Maybe print error if not supported clouds try to update 1.16?

- AMIs from alpha -> stable
- K8s versions from alpha -> stable
 - 1.14.7 has a problem with ELBs

Sept 27th 2019

Attendees

- Justin SB (Google)
- Mike Splain (Sonos)
- Rodrigo Menezes (Pinterest)
- Guy Templeton (Skyscanner)

Agenda

- [justinsb / slack] Should we have “golden configurations”
 - Possibly even with an (opt in) configuration uploader / checker?
 - Justinsb working on getting e2e up and running again with latest
- [justinsb / rifelpet] Introduce staticcheck?
 - <https://github.com/kubernetes/kops/pull/7687>
 - Helps to ensure code quality; we can exclude most directories and gradually whittle them down
- [justinsb / slack] CentOS / OS packaging challenges; would like to try containerd using tar.gz
 - More consistency across distros
 - Hopefully fewer distro specific breakages
 - CentOS challenge
 - E2E job is still failing to create cluster
 - <https://testgrid.k8s.io/sig-cluster-lifecycle-kops#kops-aws-imagecentos7>
 - Search “Failed dependencies”:
<https://storage.googleapis.com/kubernetes-jenkins/logs/ci-kubernetes-e2e-kops-aws-imagecentos7/1177500121110155265/artifacts/100.27.17.81/journal.log>
- [justinsb / github] Latest calico spams log messages
 - Upstream issue is <https://github.com/projectcalico/pod2daemon/issues/20>
 - Doesn't appear to be in 1.14 branch:
<https://github.com/kubernetes/kops/blob/release-1.14/upup/models/cloudup/resources/addons/networking.projectcalico.org/k8s-1.7-v3.yaml.template>
 - Fix is available in newer calico component, we could just advance that one: <https://github.com/kubernetes/kops/pull/7689>
- [justinsb / github] Latest calico is broken on immutable images because of cni-bin dir & volume-plugin dir.

- Hopefully the last 1.14.0 blocker?
- Challenging to fix because manifests need to know which OS they are targeting: <https://github.com/kubernetes/kops/pull/7545>
- We could create consistent directories across OSes - i.e. make this an invariant that nodeup ensures.
- [justinsb] AMIs are now being built in the [image-builder unification project](#)
- [mikesplain] Docs site / Cleanup: <https://github.com/kubernetes/kops/pull/7593>
 - Will open a [subproject site request](#) soon
 - Considering move to hugo since that's the direction most of k8s subprojects have gone.
- [zetaab] review needed:
 - ~~<https://github.com/kopeio/etcd-manager/pull/253>~~ (urgent) (would like to see in 1.14 and 1.15.0 beta.1)
 - <https://github.com/kubernetes/kops/pull/7699>
 - ~~<https://github.com/kubernetes/kops/pull/7643>~~

Releases done:

- Kops 1.13.1 / 1.13.2: CentOS fixes
- (kops 1.15.0 alpha-1)
- New AMIs in alpha channel, including 1.15 AMI ([PR](#))

Release plan for upcoming 2 weeks:

- Kops 1.14.0
 - Very overdue, calico is the blocker
 - We will be breaking our trend :)
 - <https://docs.google.com/spreadsheets/d/1DutYw2awNRGi7h8XXabkMT-0kc1H3D8XPDySC5fs2K4/edit#gid=0>
- Kops 1.15.0 beta.1
- Kops 1.16.0 alpha.1
 - Need a few PRs:
 - <https://github.com/kubernetes/kops/pull/7692>
 - Release notes should list which cloud providers will work and which ones won't
 - Maybe print error if not supported clouds try to update 1.16?
- AMIs from alpha -> stable
- K8s versions from alpha -> stable

Sept 13th 2019

Attendees

- Justin SB (Google)
- Mike Splain (Sonos)

- Shane Starcher (N/A)
- Peter Rifel (TUNE)
- Thomas Jackson (wish)
- Rodrigo Menezes (Pinterest)

Agenda

- Kubecon - Who is going? Plan a meetup? [Ryan]
- [mikesplain] Etcd bug - <https://kubernetes.io/docs/tasks/administer-cluster/configure-upgrade-etcd/#known-issue-etcd-client-balancer-with-secure-endpoints>
 - [justinsb] Ouch - but maybe we get away with it because we use 127.0.0.1 (i.e. “only local etcd”?)
- [mikesplain] Conformance update
- [justinsb] Release planning
 - 1.14.0
 - Look at WIP PR around calico / coreos directory issue
 - A few cherry picks that mikesplain found (thanks!) - https://docs.google.com/spreadsheets/d/1zU67srtZUjuu_9UD7a-mBO6Gp5Z9k4EpYKsJw08_U9c/edit?usp=sharing
 - 1.16.0-alpha.1
 - Blockers:
 - need to do controller for labels: <https://github.com/kubernetes/kops/pull/7496>
 - <https://github.com/kubernetes/kops/issues/7569>
 - 1.15.0-beta.1?
 - Cut when 1.14.0 is cut
 - Blockers:
 - Maybe <https://github.com/kubernetes/kops/issues/7569>
 - Promote the “force >= 1.11” from alpha -> stable
 - Promote 1.13 AMI from alpha -> stable
 - <https://github.com/kubernetes/kops/pull/7590>
 - 1.14 AMI ?
 - Yes; now doing AMIs from the new repo:
 - <https://github.com/kubernetes-sigs/image-builder/tree/master/images/kube-deploy>
- [jacksontj] memberlist gossip PR (<https://github.com/kubernetes/kops/pull/7521>)
- [mikesplain] New Reviewer: Peter <https://github.com/kubernetes/kops/pull/7587>
- [Jesse from #kops-dev]: <https://github.com/kubernetes/kops/issues/7569>
 - Protokube gossip dns for OpenStack working in 1.15.0 alpha, broken in master

August 30th 2019

Attendees

- Justin SB (Google)
- Mike Splain (Sonos)
- Guy Templeton (Skyscanner)
- Rodrigo Menezes (Pinterest)
- Peter Rifel (TUNE)
- Thomas Jackson (Wish)
- Ryan Bonham (Granular)

Agenda

- [justinsb] Congrats to OpenStack on going beta!
- [peter] requesting eyes on PRs:
 - <https://github.com/kubernetes/kops/pull/6465>
 - <https://github.com/kubernetes/kops/pull/7407>
- [gjtempleton] Requesting eyes on PR:
 - <https://github.com/kubernetes/kops/pull/7376>
- [jacksontj] Review plans/design for protokube gossip --
<https://github.com/kubernetes/kops/issues/7436>
 - Weavemesh -> hashicorp/memberlist (<https://github.com/hashicorp/memberlist>)
- [rdrgmnzs] Eyes on PR
 - <https://github.com/kubernetes/kops/pull/6957>
 - <https://github.com/kubernetes/kops/pull/6956>
- [peter] post-submit job is failing without logs
 - <https://prow.k8s.io/view/gcs/kubernetes-jenkins/logs/kops/kops-postsubmit/1167444563967610880/>
- [mikesplain] Contributor summit
<https://events.linuxfoundation.org/events/contributor-summit-north-america-2019/>

Release schedule

- Backlog:
 - Kops 1.15.0 alpha-1
 - Thanks for reviews - I think we are unblocked :-)
 - Kops 1.16.0 alpha.1
 - Justinsb Will send up kops-controller PR later today
 - Force users to k8s >= 1.11.10 [7423](#)

August 16th 2019

Attendees

- Justin SB (Google)
- Rodrigo Menezes - Pinterest

Agenda

- [peterr] New AMIs for Kops 1.13
 - [zetaab] stretch should be used, still issues with buster
<https://github.com/kubernetes/kops/pull/7381>
- [justinsb] Thanks to zetaab for pointing out the buster issues with iptables
(<https://github.com/kubernetes/kubernetes/issues/71305>)
 - Zetaab's solution should work but I do worry there is still a race; seeking clarification!
- [zetaab] etcd-managers for Digital Ocean and OpenStack review+approval needed
 - <https://github.com/kopeio/etcd-manager/pull/245> - done
 - <https://github.com/kopeio/etcd-manager/pull/243> - done
 - <https://github.com/kubernetes/kops/pull/7395> - done
 - Update latest etcd manager image to kops
 - Published 3.0.20190816 with the OpenStack & DigitalOcean PRs included
- [zetaab] k/k cloudproviders are removed in 1.15. All cloudproviders should implement their external cloudproviders to kops. Openstack has working external cloudprovider currently.
 - [justinsb]: I thought they were just in staging?
- [justinsb] Nudging people to newer kops / k8s versions with channel?
Propose getting everyone to >= k8s 1.11 and kops 1.13.0 [7423](#)

Agree releases:

- AMI refresh -> alpha channel (no particular issues known) [#7420](#)
 - 1.11, 1.12, 1.13, 1.14
- K8s releases -> alpha channel: [#7421](#)
 - 1.13.9, 1.14.5, 1.15.2, 1.16.0-alpha3
- Fast-forward k8s 1.13.9 (and others) to the stable channel for the CVE fix [#7422](#)
 - 1.13.9, 1.14.5, 1.15.2
 - Also 1.12.10 but note that **1.12.10 does not fix CVE**
- Force users to k8s >= 1.11.10 [7423](#)
 - Technically 1.11 and 1.12 are no longer supported by k8s
 - A little wary of pushing everyone onto 1.12 (etcd3) but we can at least get the really old versions onto 1.11, it's a start!
 - Persistent Volume Limitations

kops 1.14.0-beta.1 - TODO

Blockers:

- ~~justinsb: Canal & Calico CVE, must have \geq 3.7.4~~
 - ~~#7330~~
- ~~ryanbonham: Hash in channels updates #7133~~
 - ~~#7305~~
 - ~~#7332~~
- ~~ryanbonham: etemanager update~~
 - ~~<https://github.com/kopeio/eted-manager/issues/139>~~
 - ~~#232~~
- ~~hostnameOverride~~
 - ~~#7297~~
- ~~Eted needs to default to 3.3.10 #7350~~
- ~~MAX_PD_VOL fix~~
 - ~~#7416~~
- ~~Eted manager for openstack cherry pick #7419~~

kops 1.15.0-alpha.1 (from release-1.15)

Blockers:

- justinsb: Canal & Calico CVE, must have \geq 3.7.4
 - ~~OK~~
- ryanbonham: Hash in channels updates
 - ~~#7133~~
- hostnameOverride
 - ~~#7185~~

kops 1.16.0-alpha.1 (from the master branch)

Blockers:

- justinsb: Canal & Calico CVE, must have \geq 3.7.4
 - ~~OK~~
- ryanbonham: Hash in channels updates #7133
 - ~~#7133~~
- hostnameOverride
 - ~~#7185~~
- nodeLabels controller (probably no kops 1.16.0 this 2 week)

Done

kops 1.13.0 DONE

Promote AMIs alpha -> stable DONE

K8s 1.16.0-alpha.1 -> alpha & stable (prerelease) [#7338](#) DONE

K8s 1.15.1 -> alpha & stable (prerelease) [#7338](#) DONE

K8s 1.14.4 -> alpha & stable (prerelease) [#7338](#) DONE

K8s 1.13.8 -> alpha & stable (with release) [#7338](#) DONE

K8s 1.12.10 -> alpha [#7338](#) DONE

K8s 1.12.9: alpha -> stable [#7337](#) DONE

etcd-manager-ctl binaries DONE

August 2nd 2019

Attendees

- Ryan Bonham - Granular
- Rodrigo Menezes - Pinterest
- Guy Templeton - Skyscanner
- Peter Rifel - TUNE
- Matteo Ruina - Skyscanner
- Justin SB - Google
- Chris Jantz - Level 25
- Adam Malcontenti-Wilson - Zendesk
- Oleg Atamanenko - Zendesk
- Shane Starcher - N/A

Agenda

- [rdrgmnzs] <https://github.com/kubernetes/kops/issues/7323>
 - Bug in k8s while performing an upgrade from 1.12 to 1.13+ when cluster-autoscaler is on.
 - Sounds like split Kubernetes version updates of masters/nodes required

- One of the options is to allow to optionally specify Kubernetes version on InstanceGroup
- [peterr] how to get client certs for connecting to kubelet when kubelet's anonymousAuth is set to false?
 - Create secret in kube-system? (potentially just as insecure)
 - A service account should be sufficient - subject access review
 - Kubernetes signing request - can call Kubernetes API to create a signed certificate
- [maruina] lyft cni: how to update it and improve documentation
 - <https://github.com/kubernetes/kops/pull/4762/files#diff-aad3e09dcd21a6c62497274b10d6cb2a>
 - A PR to update the hardcoded version is ok.
- [gjtempleton] CoreDNS: Full configurability of CoreDNS
 - Existing PRs: <https://github.com/kubernetes/kops/pull/5839> and <https://github.com/kubernetes/kops/pull/6797>
 - Issue raised proposing more configurability of CoreFile: <https://github.com/kubernetes/kops/issues/7347>
- [justinsb]: MaxPersistentVolumes vs ENIs <https://github.com/kubernetes/kops/pull/7346>
 - Partial solution - is a constant
 - Interesting challenge where we need to fix something to work around upstream
- [justinsb]: Release train is rolling

July 19th 2019

Attendees

- Justin SB - Google
- Mike Splain - Sonos
- Rodrigo Menezes - Pinterest
- Corey O'Brien - Fairwinds
- Deniz Zoeteman - SAA Verzekeringen
- Ryan Bonham - Granular
- Peter Rifel - TUNE
- Nick Huanca - Fairwinds
- Ivan Fetch - Fairwinds
- Nate Baker - Fairwinds
- Marco Pracucci - Voxnest
- Thomas Jackson - Wish
- Oleg Atamanenko – Zendesk

Agenda

- Release status - 1.13 stable, 1.14 beta, 1.15 alpha?
 - [justinsb] See "Agree releases" section

- [endzyme/Nick Huanca] The [etcd3 migration process](#) using --cloudonly --master-interval=1s command causes all nodes to be removed from ELBs managed by Service/LoadBalancers. Is this expected behavior/anyone else see this? ([More Context](#))
- [peterr] Node labeling issue that caused recent E2E test failures - is there a proposed long term fix?
 - [justinsb]: Yes, we need a controller that can add these. I have one. There is some debate about whether we should be using node-role labels, and use cases are requested at <https://github.com/kubernetes/enhancements/pull/1144>
- [pracucci]
 - Added instructions and script to release etcd-manager-ctl binaries <https://github.com/kopeio/etcd-manager/pull/227>
 - Documented how backup restore works under the hood, but I need the double check from someone with more expertise <https://github.com/kopeio/etcd-manager/pull/223>
- [bcorijn] How to proceed with adding options for new container runtime? <https://github.com/kubernetes/kops/issues/5524>
- [mikesplain] etcd-manager leak?
 - <https://github.com/kubernetes/kops/issues/6875>
 - Potential PR: <https://github.com/kopeio/etcd-manager/pull/231> (untested)
- [dzoeteman] Update? Inconsistency with configBase option and KOPS_STATE_STORE - what do we want to do with this?
 - <https://github.com/kubernetes/kops/issues/2919#issuecomment-499247900>
- [peterr] kops-postsubmit job failures: <https://prow.k8s.io/view/gcs/kubernetes-jenkins/logs/kops/kops-postsubmit/1152211974885478400/>
- [jacksontj] @aws hostnameOverride: <https://github.com/kubernetes/kops/issues/7172>
 - PR: <https://github.com/kubernetes/kops/pull/7185>
 - Backports? (blocker for use of NodeAuthorizer with DHCP options enabled in AWS)
- [jacksontj] concurrent map iteration bugs: <https://github.com/kubernetes/kops/issues/7259>
-

Agree releases:

kops 1.13.0

Blockers:

- justinsb: Canal & Calico CVE, must have >= 3.7.4
 - #7329
- hostnameOverride
 - ~~#7296~~

kops 1.14.0-beta.1

Blockers:

- justinsb: Canal & Calico CVE, must have >= 3.7.4
 - #7330

- ryanbonham: Hash in channels updates #7133
 - ~~#7305~~
 - ~~#7332~~
- ryanbonham : etcmanager update - <https://github.com/kopeio/etcd-manager/issues/139>
 - TODO
- hostnameOverride
 - ~~#7297~~
- Etcd needs to default to 3.3.10 #7350
- MAX_PD_VOL fix

kops 1.15.0-alpha.1 (from release-1.15)

Blockers:

- justinsb: Canal & Calico CVE, must have >= 3.7.4
 - ~~OK~~
- ryanbonham: Hash in channels updates
 - ~~#7133~~
- hostnameOverride
 - ~~#7185~~

kops 1.16.0-alpha.1 (from the master branch)

Blockers:

- justinsb: Canal & Calico CVE, must have >= 3.7.4
 - ~~OK~~
- ryanbonham: Hash in channels updates #7133
 - ~~#7133~~
- hostnameOverride
 - ~~#7185~~
- nodeLabels controller (probably no kops 1.16.0 this 2 week)

Promote AMIs alpha -> stable

Blockers:

-

AMI refresh -> alpha (no particular issues known)

Blockers:

-

K8s 1.16.0-alpha.1 -> alpha & stable (prerelease) [#7338](#)

K8s 1.15.1 -> alpha & stable (prerelease) [#7338](#)

K8s 1.14.4 -> alpha & stable (prerelease) [#7338](#)

K8s 1.13.8 -> alpha & stable (with release) [#7338](#)

K8s 1.12.10 -> alpha [#7338](#)

K8s 1.12.9: alpha -> stable [#7337](#)

etcd-manager-ctl binaries

(see pracucci PRs above, also likely other PRs)

Rodrigo's PR also

July 5th 2019

No meeting due to US holiday

June 21th 2019

Attendees

- Christian Jantz - Level 25
- Mike Splain - Sonos
- Guy Templeton - Skyscanner
- Rodrigo Menezes - Pinterest
- Ryan Bonham - Granular
- Justin SB - Google
- Daniel Lipovetsky - Platform9

Agenda

- [Chrisz] everyone COULD review PR's - would help me feel more confident to not be the only reviewer
- [Chrisz] ami building at cncf infrastructure? We should automate that to react with a PR when things like SACK happen
 - <https://github.com/kubernetes/enhancements/pull/1102>
- [gjtempleton] Improve calico CNI scalability for 1.12+
 - <https://github.com/kubernetes/kops/issues/7158>
- [justinsb]: Releases: 1.12.2, 1.13.0 beta.2, 1.14.0-alpha.3
- [justinsb]: New AMI going into alpha channel for TCP SACK PANIC vulnerability
- [ryanb] Mixed Instance Policy

- <https://github.com/kubernetes/kops/issues/7173>
- [ryanb] Channel Update Improvement - <https://github.com/kubernetes/kops/pull/7133>
- [Mike] 1.13.0?
 - [Rodrigo] +1, are there any blockers?
 - [justinsb]: +1, what about 1.15.0-alpha.1
 - [peterr] when 1.13.0 stable is released, which versions of Kops are officially supported and able to receive bug fixes? (This should be documented in the readme)
- [Rodrigo] Status of automated release process for Kops?
 - I have some free cycles in the next few months and would like to invest some time into this.
 - Build with a tag release
 - Way to promote artifact in automated way
 - Docker Images
 - Binary artifacts - S3 (k8s-infra)
 - Binary artifacts for github
- [dlipovetsky]
 - What is the goal of the CRD effort? Is it just to allow kops to store state in CRs, or is a first step toward a "kops controller"?
 - [justinsb] kops-apiserver: Goal is: If you have Kubernetes cluster, use the Kubernetes store to manipulate kops objects. It started as an aggregated API server, now we're moving to CRDs because it's easier for end users to consume. kops moved to real API types. recently changed API group so the kops types can be registered as CRDs. short-term goal is to enable Cluster API. Given an existing kops cluster, we should be able to create a new InstanceGroup object... only in GCP, and not for masters or new cluster bring-up, for now.
 - Machines that come up still source keys from S3 bucket by default.
 - Watch CRs, call "kops replace," then "kops update"
 - Might be able to use kops as a library instead of exec'ing?
 - Watch KubeCon EU presentation for more details on CRD. (also see link to slides, below)
 - What happens when kops crashes in the middle of writing state or applying changes to resources?
 - [justinsb] The answer: You can be left in a partial state. No state stores allow kops to partially write any artifact. For "normal" changes, re-invoke, kops is idempotent.
 - Lack of idempotency should be considered a bug.
 - However, kops does not have e2e tests for every interrupted invocation.
- CRDs & Cluster API Kubecon talk:
 - https://static.sched.com/hosted_files/kccnceu19/7f/Kubecon%20EU%202019%20-%20Kops%20Koping%20With%20Change.pdf
 - <https://www.youtube.com/watch?v=Nm26bGT6s0w>
- [RyanB] - 1.14 - etcdmanager - expose metrics port to nodes

- <https://github.com/kopeio/etcd-manager/issues/139>
- [dlipovetsky]
 - etcd v2->v3 migration: Do you stop all writes and wait for Raft indices to converge before starting migration?
 - <https://github.com/etcd-io/etcd/issues/8305>
 - [justinsb] We avoided this approach. We do stop all writes (by moving etcd to a different port). Then we move apiservers to different ports. We dump the backup and restore it when it is snapshot-restore compatible. When it's not (etcd2->etcd3), we do a per-key migration. Not a live upgrade.
 - [justinsb] Let's get everyone on etcd3. No etcd2->etcd3 migration in etcdadm!
- [Ryan B] - Should we cherry pick the faster rolling updates to 1.13 & 1.14?
 - <https://github.com/kubernetes/kops/pull/6747>
 - Rough consensus: Cherry-pick to 1.14

June 7th 2019

Attendees

- Ryan Bonham - Granular
- Justin SB - Google
- Rodrigo Menezes - Pinterest
- Marco Pracucci - Voxnest / Spreaker
- Adam Malcontenti-Wilson - Zendesk
- Oleg Atamanenko - Zendesk
- Mike Priscella - Group Nine Media
- Jose Then - Group Nine Media
- Shane Starcher - N/A
-

Agenda

- [Ryan B] Lots of PRs needing review/approval, post kubecon.
- [Ryan B] We should cut 1.12.2 release
 - ENIs are not set to delete on termination
<https://github.com/kubernetes/kops/pull/7099> (only affects launchtemplates)
 - Canal 3.6.1 - We saw flaky behavior on node startup. Moved to 3.7.2. If you cut a release I would recommend we CP that back as well.
- [Ryan B] Etcd-manager
 - <https://github.com/kopeio/etcd-manager/issues/213> - etcdmanager-ctl doBackup cmd
 - <https://github.com/kopeio/etcd-manager/issues/201> - Bundle etcdmanager-ctl
 - Also look at why restore needs cajoling
- [Ryan B]

- <https://github.com/kubernetes/kops/pull/7109> - Any conflict with AddFlags in admission.go?
- CoreDNS Proposals - Do we want to do something to address this?
 - <https://github.com/kubernetes/kops/pull/7077> - podAntiAffinity & PodDisruptionBudget
 - <https://github.com/kubernetes/kops/pull/6797> - DS on Master
 - Should we deploy dns-horizontal-autoscaler?
 - Also consider node-local dns agent?
- [dzoeteman, not in attendance] Inconsistency with configBase option and KOPS_STATE_STORE - what do we want to do with this?
 - <https://github.com/kubernetes/kops/issues/2919#issuecomment-499247900>
- [peterr, not in attendance] Can we delete the now-unused etcd Route53 records after migrating to etcd-manager?
 - I see protokube does delete them, but they are later recreated with values of 203.0.113.123
 - <https://github.com/kubernetes/kops/blob/b2d90fd2c0e466a48ff5ebbfca472564f21b21a7/upup/pkg/fi/cloudup/dns.go#L39>
 - Can we have Kops not recreate them if they are truly no longer needed?
 - <https://github.com/kubernetes/kops/issues/7120>
- [peterr] Is it possible to test multiple cluster configurations in our E2E tests?
 - It would be great if we could run E2E tests that involve a more complex cluster configuration that uses LaunchTemplates, etc.
 - Looks like it is defined here: <https://github.com/kubernetes/test-infra/blob/e0cf221f45e2384530d985c2530ac056921809fe/kubetest/kops.go#L371>
 - Jobs are maintained here: <https://github.com/kubernetes/test-infra>
- [adam m-w]
 - recent question from colleague - <https://github.com/kubernetes/kops/issues/7119>
 - Follow up on “customisation of addons”
 - <https://github.com/kubernetes/kops/pull/6829>
 - Separate keystore feasibility - <https://kubernetes.slack.com/archives/C8MKE2G5P/p1558034976115900>
 - CA needed for kubelet bootstrap tokens, other parts
 - Step 1 - teach kops cli to fetch from vault, dump to s3
 - Step 2 - teach nodeup to fetch from vault to avoid s3 dumping

May 24th 2019 - Meeting canceled in honor of kubecon EU

May 10th 2019

Attendees

- Swarup Donepudi - Zillow Group
- Kristin Martin - Zillow Group
- Akshay Raj - Zillow Group
- Mike Splain - Sonos
- Rodrigo Menezes - Pinterest
- Peter Rifel - TUNE
- Justin SB - Google
- Bill Skulley - Restoration Hardware
- Alex Williams - Skyscanner
- Matteo Ruina - Skyscanner
- Ryan Bonham - Granular
- Micah Huber - ReactiveOps
- Shane Starcher - N/A
- Jeff Stephens - C2FO
- Darryl Darling - IBSS Corporation

Agenda

- [Ryan Bonham] AWS_REGION - jstephens brought up in slack #kops-dev
<https://github.com/kubernetes/kops/pull/6099>
- [swarup] Is there a way to run an update on a cluster on Jenkins without any manual intervention? The only way I am aware of is by doing “kops edit” on my local machine and then “kops update”
 - (justinsb: should be `kops replace`, there’s also `kops set` for individual fields under development. `kops replace` == `kops apply` without the fancy merge semantics.)
 - Lots of people use kops replace :-)
 - Lots of people use [sonobuoy](#) to validate their cluster is healthy
- [Alex Williams] [Allow custom CNI to use IPIP protocol](#)
- [justinsb] Propose that we release kops 1.12.0 and 1.13.0-beta.1 and 1.14.0-alpha.2
 - PR SpreadSheet -
https://docs.google.com/spreadsheets/d/1zU67srtZUjuu_9UD7a-mBO6Gp5Z9k4EpYKsJw08_U9c/edit?usp=sharing
 - [peterr] I left a comment on cell C4, not sure how visible it is to editors :)
- [Ryan Bonham] - Post Office Hours Recordings
- [justinsb] Propose cancelling next meeting (May 24th) in honor of Kubecon EU
- [Marco Pracucci - not in the call because busy in another meeting] Any chance to organize the next office hours at KubeCon EU (anticipating to tue-thu)?

- [Mike Splain] Who is going? (add yourself!)
 - Mike Splain
 - Marco Pracucci
 - Justin SB
 - Matteo Ruina
- Justin Proposed we grab lunch one day together, when works best?
 - Tuesday 21st?

April 26th 2019

Attendees

- Mike Splain - Sonos
- Ryan Bonham - Granular
- Rodrigo Menezes - Pinterest
- Justin SB - Google
- Shane Starcher - N/A
- Chris Stein - C2FO
- Peter Rifel - TUNE
- Abubakr-Sadik Nii Nai Davis

Agenda

- [peterr] Do we have a plan to release new AMIs?
 - <https://github.com/kubernetes/kops/issues/6596>
 - AMIs for alpha/beta releases?
 - Is there a benefit to periodically releasing new AMIs independent of Kops releases?
 - Can the AMI build process be more transparent?
- [mikesplain/chris.stein] <https://github.com/kubernetes/kops/pull/6099> p
- [ryanbonham] <https://github.com/kubernetes/kops/issues/6699>
 - <https://github.com/kopeio/etcd-manager/pull/199>
- [nii nai] travis-ci.yml used in test does not match travis-ci.yml in release-1.13 branch and causes PR test to fail
 - <https://github.com/kubernetes/kops/pull/6828>
 - <https://travis-ci.org/kubernetes/kops/jobs/524394516/config>
- [justinsb]: Sharing the cherry-pick spreadsheet I'm starting to work on!
 - Correct link:
 - https://docs.google.com/spreadsheets/d/1zU67srtZUjuu_9UD7a-mBO6Gp5Z9k4EpYKsJw08_U9c/edit?usp=sharing
- [justinsb] Proposed features for 1.15 (!)
 - Use of bundles for updating components outside of kops binary releases
 - Support CRDs
 - Replaces kops-server

- Requires renaming apiGroup `kops` -> `kops.k8s.io`
 - Support cluster-api MachineDeployment for Nodes (not masters)
 - Optional, at least until cluster-api is v1
 - Start to look at operators (?)
- [ryanbonham] WIP: <https://github.com/kubernetes/kops/pull/6829> - Justin do you have time to go over this post call...
- [ryanbonham] 1.12 release timeline

April 12th 2019

Attendees

- Ryan Bonham - Granular
- Justin SB - Google
- Rodrigo Mene
- Aravindh Puthiyaparambil - Red Hat
- Shane Starcher - N/A
- Mike Splain - Sonos
- Peter Rifel - TUNE
- Chris Stein - C2FO
- Andrew Sy Kim - VMware

Agenda

- [Ryan B] Discuss channel_version improvements. Currently we compare channel with version number only to detect if changes are needed. This does not allow for modification to manifest for existing versions, without forcing the update by delete the annotation from the kube-system namespace.
 - [Peter R] Higher level issue: <https://github.com/kubernetes/kops/issues/5697>
- [Ryan B] ETCD Manager Change Breaks China / US Gov Regions <https://github.com/kubernetes/kops/pull/6099>
- [justinsb] Starting to release our multiple branches: 1.12.0-beta.2 will land in a few hours; 1.13.0-alpha.1 is out, 1.14.0-alpha.1 is PRed.
- [mikesplain] 1.12.0-beta.1 release notes?
- [mikesplain] Cherry pick script: GITHUB_USER=mikesplain
UPSTREAM_REMOTE=origin FORK_REMOTE=mikesplain
../kubernetes/hack/cherry_pick_pull.sh origin/release-1.12 6762
- [andrewsykim] next steps for DigitalOcean support
- [Ryan B] 1.14 <https://github.com/kopecio/etcd-manager/issues/139>

Mar 29th 2019

Attendees

- Ryan Bonham - Granular
- Rodrigo Menezes - Pinterest
- Mike Splain - Sonos
- Peter Rifel - TUNE
- Justin SB - Google
- Shane Starcher - N/A
- Seth Pollack - Zillow Group

Agenda

- 1.12 Release Status
 - [peterr] I made a chart visualizing the delay in Kops releases over time <https://docs.google.com/spreadsheets/d/1DutYw2awNRGi7h8XXabkMT-0kc1H3D8XPDySC5fs2K4>
 - [ryanb] BUG: <https://github.com/kubernetes/kops/issues/6700>
 - [ryanb] BUG: <https://github.com/kubernetes/kops/issues/6699>
 - [sstarcher] BUG: <https://github.com/kubernetes/kops/issues/6636>

Mar 13th 2019

Attendees

- Mike Splain - Sonos
- Justin SB - Google
- Rodrigo Menezes - Pinterest
- Peter Rifel - TUNE
- Shane Starcher - N/A
- Abubakr-Sadik Nii Nai Davis
- Jakob Laverdiere - Lodus

Agenda

- [peterr] Docs location & integration into release process
 - The docs users view are of the master branch rather than the latest stable release which has lead to confusion of unreleased features.
 - [mikesplain] We could consider setting up a docs site, like <https://kind.sigs.k8s.io/>
 - <https://github.com/kubernetes-sigs/kind/tree/master/site>
 - [justinsb] we had a contribution that started to set us up our own “real” docs site (<https://github.com/kubernetes/kops/pull/5085>) , but we need to finish the work!

- [justinsb] Burndown for 1.12 is in full swing! Let's do an PR / issue burndown of 1.12.0
 - Goals:
 - Give visibility into the process
 - Make collective tough decisions!
 - Justinsb shared the triage / burndown process, and how I like to look at every PR before punting / merging / delaying release
 - Decided: we will try to differentiate between bugs and features at least for 1.12 and probably 1.13, and we won't "hold up the train" for features. If a feature PR makes the cut, that's great, but if not we adopt the "github.com/kubernetes/kubernetes rules" and it targets the next release.
 - (Part of this is trying to be faster at reviewing PRs in general, but we also want to keep kops releases coming)

Mar 1st 2019

Attendees

- Rodrigo Menezes - Pinterest
- Justin SB - Google
- Marco Pracucci - Voxnest / Spreaker
- Raffaele Di Fazio
- Ryan Bonham - Granular
- Christian Jantz
- Peter Rifel - TUNE

Agenda

- [justinsb] Getting back on track!
 - 1.11.1 released (thanks to all the contributors, in particular on the CVE fix)
 - 1.12.0-alpha.1 and will cut branch immediately and rapidly go to beta.1
 - Then will do 1.13.0-alpha.1 from master
 - (Will also fix issue where master needs a custom upload at the same time - that was my mistake)
- [justinsb] Outline of runc CVE fix
https://github.com/kubernetes/kops/blob/master/docs/advisories/cve_2019_5736.md
- [justinsb] We have the beginnings of [mirroring support](#) in 1.12
- [ryan] Full Changelog for 1.11.1 - Can we automate generation?
 - Yes PR is <https://github.com/kubernetes/kops/pull/6565>
- [ryan] etcd-manager changelog
 - Good idea
 - Must tag our releases
- [Rodrigo] status of automated release builds?
 - Slow progress, mostly in <https://github.com/kubernetes/community/tree/master/wg-k8s-infra>

o

Feb 15th 2019

Attendees

- Justin SB - Google
- Christian Jantz
- Ryan Bonham - Granular
- Marco Pracucci - Voxnest / Spreaker
- Shane Starcher

Agenda

- [justinsb] Where were we... :-) We're back online I think! Expect 1.11.1, 1.10.2, 1.12-alpha
- [justinsb] xfs support?
- [justinsb] testing on more platforms
- [you] ...

Feb 1st 2019

Attendees

- Justin SB - Google
- Deniz Zoeteman - SAA Insurance
- Rodrigo Menezes - Pinterest
- Mike Splain - Sonos
- Seth Pollack - Zillow Group
- Erik Stidham - Tigera
- Shane Starcher
- Ryan Bonham - Granular
- Christian Jantz
- Peter Rifel - TUNE
- Derek Lemon - Cisco
- Lubomir I. Ivanov - VMware

Agenda

- [justinsb]: AWS testing is temporarily offline - some confusion around CNCF payments
 - o Hopefully back soon
 - o We can still merge OpenStack PRs (yay), but in general better not to merge AWS PRs
- [justinsb]: 1.11.1 once we get AWS testing back online

- Make sure relevant PRs are tagged cherry-pick
<https://github.com/kubernetes/kops/pulls?utf8=%E2%9C%93&q=+is%3Apr+label%3Acherry-pick> (likely need to ask a maintainer to do this)
 - Needs Label: <https://github.com/kubernetes/kops/pull/6362>
- [justinsb]: Great to see OpenStack in progress! Any discussion needed?
- [justinsb]: PR for etcd3 upgrade docs is up
<https://github.com/kubernetes/kops/pull/6408/files>
 - Move from etcd2 -> etcd3 is disruptive (for HA clusters, but any upgrade is disruptive for non-HA clusters).
 - Suggested upgrade does TLS and calico->CRD at the same time
 - But steps to break it up if you want to (may not be a win)
 - This is per our discussion last time!
- [dzoeteman] AWS Launch Configurations to Templates - status? Help needed?
 - <https://github.com/kubernetes/kops/pull/6277>
 - <https://github.com/kubernetes/kops/issues/6081>
- [sstarcher]: Calico 2 -> 3 migration CRD - <https://github.com/kubernetes/kops/pull/6358>

Jan 18th 2019

Attendees

- Mike Splain - Sonos
- Justin SB - Google
- Raffaele Di Fazio
- Andrew Sy Kim - DO
- Ryan Bonham - Granular
- Peter Rifel - TUNE
- Pawel Bek (blind3dd) - Codahead

Agenda

- [andrewsykim] Deprecating support for Initializers in kops v1.12
<https://github.com/kubernetes/kops/pull/6350>
- [andrewsykim] If you are interested in maintaining the kops DigitalOcean provider ping @andrewsykim :)
- [justinsb]: PSA Kubecon talk submissions close today
- External Egress PR (<https://github.com/kubernetes/kops/pull/6218>)
 - Some consequence in that we can't validate
 - Mikesplain: we should rework the docs to break out the recommended way vs the advanced way and make clear when to do both
- [justinsb] kops 1.11.1 - we want to get into the habit of more regular releases, and we had a request for cherry pick of [PR to fix missed centos/rhel dependency for docker 18.06](#) . Aim for Monday? Other candidates?
 - etcd-manager bump (though will need to split out the TLS changes)?

- [Ryan B] Docs have etcd-manager using latest tag.. Should we pin that in kops like we do other packages.
<https://github.com/kubernetes/kops/blob/master/docs/etcd/manager.md>
 - Nice to have? <https://github.com/kubernetes/kops/pull/6185> (CP Opened - <https://github.com/kubernetes/kops/pull/6362>)
- [justinsb] etcd-manager with TLS support is [ready](#) (?), but we need to figure out how to roll it out. Suggestion:
 - We should make etcd-manager == tls-only etcd, no external access
 - Calico will have to [move to CRD-mode](#), seems to work but is a disruptive upgrade. But no non-disruptive path anyway from calico v2 -> calico v3.
 - Hard to support two configurations for calico (CRD & etcd)
 - Cilium will need to implement a CRD mode or run their own etcd
 - Any other impacted software that talks direct to etcd?
 - Strawman: calico goes CRD in 1.12. Etcd-manager optional in 1.12, default for new clusters. Etcd-manager required in 1.13 because etcd3 is required in 1.13.
 - Calico users: will need to do two disruptive upgrades (etcd -> CRD & etcd -> etcd-manager). Can do both in one upgrade.
 - Cilium users: won't be able to upgrade to kops 1.13 until cilium gets CRD support, or we can configure a separate etcd for cilium.
- [justinsb] short-term roadmap (after etcd-manager etc): Our office hours call is recorded, but the tone tends to be casual. First-timers are always welcome. Typical areas of discussion can include:
 - CRD
 - First steps on cluster-api
 - Bundle / add-on integration work

Jan 4th, 2019

Attendees

- Justin SB - Google
- Rodrigo - Pinterest
- Arjun - VibrentHealth
- Paweł Bek - Codahead
- Seth Pollack - Zillow Group
- Peter Rifel - TUNE
- Graham Mooney - Cisco

Agenda

- [justinsb] Release progress: 1.10.1 done, 1.11.0 done, 1.12.0-alpha.1 will be much more automated and setting up some things
(<https://github.com/kubernetes/test-infra/pull/10620>
<https://github.com/kubernetes/kops/pull/6300>
<https://github.com/kubernetes/kops/pull/6299>)
- External Egress PR (<https://github.com/kubernetes/kops/pull/6218>)

Dec 21st, 2018

Attendees

- Seth Pollack - Zillow Group
- Justin SB - Google
- Mike Splain - Sonos
- Rodrigo Menezes - Pinterest
- Peter Rifel - TUNE

Agenda

- Update on Calico v2 / ETCd Migration Plan (Ryan B)
- 1.11 Final - Is release ready to go? (Ryan B)
 - <https://github.com/kubernetes/kubernetes/pull/72041#issuecomment-447212431>
- 1.12, 1.13, 1.14 alphas? (Ryan B)
- Kops / Kubernetes version deprecation? (Mike Splain)
 - <https://github.com/kubernetes/kops/pull/6258>
- NVME Timeout - EBS ReadOnly (Ryan B.)
 - <https://github.com/kubernetes/kube-deploy/pull/717#issuecomment-447219198>
- Docker Downgrade Issue. If your image has a newer docker image and kops tries to downgrade, this doesn't work. Should at least note this in docs... 18.09 to 18.06 doesn't work...
 - <https://github.com/kubernetes/kops/pull/6066>
 - Ryan B to open issue.

Dec 7th, 2018

Attendees

- John Slee, [SiteMinder](#)
- Aaron Miller, Heptio
- Raffaele Di Fazio
- Seth Pollack - Zillow Group
- Justin SB - Google
- Shane Starcher
- Jorge Alarcon
- Peter Rifel - TUNE
- Rodrigo Menezes - Pinterest
- Mike Splain - Sonos
- Ryan Bonham - Granular

Agenda

- [John@SiteMinder] Unloved kube-deploy/imagebuilder PRs ([#714](#), [#713](#), [#712](#), [#711](#))
 - (justinsb: I'll try to take a look before meeting)
- [AaronMiller] kops support for etcd v3.2+ ([#6024](#))
 - etcd v3.2 TLS breaking change requires peer CERTs to have the FQDN or IP
 - Is the kops team aware? And is this in scope for kops 1.11?
 - Justinsb: Thanks for heads-up - I guess it is in scope, though this will likely delay kops 1.11 :-).
 - Update: we fixed it! But still seeking clarification on why they made the change... seems unusual.
- [justinsb] 1.11 is waiting for <https://github.com/know/kubernetes/pull/70154>
- [Ryan B] - Update on etcd3 / Calico Upgrade Path
- [justinsb] Roadmap!
 - CRD support
 - Will likely need us to change the apigroup
 - Cluster-API adoption
 - Etcdadm adoption
 - GCE support
 - IP Aliases seem like the future - justinsb needs to figure out how to adopt
 - Use bundle & addon operators`
 - More secure by default
 - Kops is better in some aspects, worse in others. This time we looked good, next time we likely won't be so lucky.
 - Good starting point: <https://github.com/kubernetes/kops/issues/6150>
 - More automated & more timely releases
 - OK to do 1.12 alpha.1 and 1.13 alpha.1 now?
 - (Go full crazy and do 1.14 alpha.1 as well?)
 - Anyone else want to work on something?
-

Nov 23rd, 2018

No meeting because of US holiday

Nov 9th, 2018

Attendees

- Aaron Miller, Heptio
- Raffaele Di Fazio
- Elena Washington - Beeswax
- Andrew Sy Kim - DigitalOcean
- Darren Gruber - [CLEAR](#)
- Justin SB - Google

- Graham Mooney - Cisco
- Daniel Natic - The Weather Company
- Joel Bushart - The Weather Company
- Seth Pollack - ZillowGroup
- Kooper Kuehl
- Mike Splain - Sonos
- Chris Celebi - Sonos

Agenda

- [Ryan] Update on 1.11Beta 1.12 Alpha?
 - catching up on PRs related to network providers.
 - issue last week losing AWS quotas which slowed down development
 - once 1.11 beta is cut, we can cut 1.12 alpha
 - there seems to be issues remaining in 1.11, regarding to node addresses missing. **[Is there a bug number?]**
 - should we cut another alpha or stick with beta?
- [justinsb] ^^ Sincere apologies for delays
- [AaronMiller] Will etcd-manager be recommended for production deployments in kops 1.11?
 - No - remaining issues are:
 - Calico talking direct to etcd
 - Issue with rolling update in HA clusters - need to force (maybe we just make a release note, as otherwise requires talking direct to nodes from kops CLI, which we have never done to date)
 - TLS certificates
 - I think we will plan to default it on for new clusters in 1.12
- [justinsb] Calico upgrades
- [daniel natic] Do the kope.io Jessie AMIs have a change log?
 - Not directly, but they are built from an OSS repo
<https://github.com/kubernetes/kube-deploy/tree/master/imagebuilder>
 - Background is hitting this issue:
<https://github.com/kubernetes/kubernetes/issues/64743#>
- [grmooney] I believe there was mention in a previous office hours about an issue with fetching protokube too often? Can we get a recap/reminder on that?
 - How to pull protokube every 2 seconds... our bad:
<https://gist.github.com/mooneygr/8a74058148b82f76fc3609e4a9b7f84e>
- {kooper} offline kops deployment
 - <https://github.com/kubernetes/kops/issues/6038>
- [elenawashington]
 - Update about using Spotinst as a Cloud Provider

- Quick questions about updating a cluster

Oct 26, 2018

Attendees

- Justin SB - Google
- Rodrigo Menezes - Pinterest
- Shane Starcher - Syapse
- Elena Washington - Beeswax
- Jason Price - Pindrop
- Ryan Bonham - Granular
- Peter Rifel - TUNE
- Seth Pollack, Paul Min - ZillowGroup

Agenda

- [justinsb] progress on getting etcd-manager into a sig project: [KEP](#)
- [Rodrigo] When are we planning 1.11 beta and 1.12 alpha?
 - 1.11 Beta - no blocker will land soon
 - 1.12 Alpha - soon after 1.11, the single blocker is turning etcd-manager on by default.

Oct 12, 2018

Attendees

- Justin SB - Google
- Mike Splain (Sonos)
- Christian Jantz / Chrisz100 (Safewrd)
- Ryan Bonham (Granular)
- Elena Washington (Beeswax)
- Deniz Zoeteman (SAA)
- Raffaele Di Fazio
- Abubakr-Sadik Nii Nai Davis
- Rodrigo Menezes (Pinterest)
- Peter Rifel (TUNE)
- Seth Pollack - ZillowGroup
- Jason Price - Pindrop

Agenda

- [chrisz100] Outreachy
 - Draft won't be sponsored by CNCF
 - If we find a sponsor we could be in though
 - Ihor asked for a possibly more generic issue to be worked on

- Maybe ask Azure to sponsor an intern to work on this?
- Find another pressing issue that's AWS related and ask AWS to sponsor an intern?
- As there was no feedback on slack I for now halted the conversation.
- [chrisz100] Release schedule updates? Hopes to see 1.11.alpha1 this weekend
- [justinsb] [Strawman plan](#) to move binaries to CNCF (work being done by k8s-infra-team)
- [xrl] first time caller, long time watcher
 - I have some pods unable to reach services. Where should I be looking with the default kube network? How can I test images with newer kernels?
 - Some DNS resources:
 - <https://github.com/kubernetes/kubernetes/issues/56903>
 - <https://kubernetes.io/docs/tasks/administer-cluster/dns-debugging-resolution/>
 - <https://www.weave.works/blog/racy-contrack-and-dns-lookup-timeouts>
 - Is anyone else using AWS VPC CNI? Is it stable in practice?
 - libpcap utilities:
 - <https://suricata-ids.org/> (higher performance packet capture libraries, more work to set up, must write rules)
 - <https://www.elastic.co/products/beats/packetbeat> (regular libpcap or af_packet capture, easy setup, not rules - just point at interface to capture)
- [Ryan B] Status of etcd-manager, issue with calico CNI.

Sept 28, 2018

Attendees

- Justin SB (Google)
- Elena Washington (Beeswax)
- Ram Kumar Rengaswamy (Beeswax)
- Rodrigo Menezes (Pinterest)
- Peter Rifel (TUNE)
- Ryan Bonham (Granular)
- Eric Hole (Google Cloud PSO)
- Xavier Lange (Tureus consulting)

Agenda

- [justinsb] 1.11 work is happening :-)
- [justinsb] Moving kops-server to CRDs
- [elena] Bump on a PR
 - Spotinst as new cloudProvider - <https://github.com/kubernetes/kops/pull/5195>
- Outreachy intern/mentoring status
 - Draft application in, waiting on Paris let us know that we have been accepted

Sept 14, 2018

Attendees

- Justin SB (Google)
- Eric Hole (Google)
- Mike Splain (Barkly)
- Peter Rifel (TUNE)
- Deniz Zoeteman (SAA Insurance)
- Rodrigo Menezes (Pinterest)
- Jason Price (Pindrop)
- Shane Starcher (Syapse)
- Christian Jantz (Safewrd)

Agenda

- ROADMAP for 1.11, 1.12 and beyond ([strawman PR](#))
 - If etcd-manager can be made default, which it should be, etcd3 should be default in 1.11 for new clusters
 - Other clusters will remain etcd2 for now and nag user to do the upgrade
 - Need to integrate calico into the upgrade 2->3: Tweak calico to not talk to etcd directly
 - Tls support
 - Debian Stretch to be the default for new clusters in kops 1.11
- 1.11alpha-1 and estimate release schedule (Eric)
 -
- Etcd-manager / operator status (Chrisz)
- [Bundles](#) have been revealed :-) Let's use them. [WIP PR](#) (justinsb)
- Outreachy proposal for interns! (Eric)
- Shared Security Group [PR](#) (Rodrigo)
- NVMe test [PR](#) & Bazel [rules_go](#) (Mike)
- Question regarding mounting aws instance stores (SSD/NVMe)

August 31st, 2018

Attendees

- Joe Stevens - Ascend.io
- Seth Pollack - BeenVerified
- Christian Jantz - Safewrd
- Raffaele Di Fazio
- Mike Splain - Barkly
- Justin SB - Google
- Todd Lyons - PGI (Lurking)
- Elena Washington - Beeswax
- Peter Rifel - TUNE

Agenda

- (thejosephstevens) Disk management strategy
 - NVMe
- Bugs (improperly partitioned root volume)
 - Ephemeral
 - Raid
 - Performance options (more broadly)
- (rdifazio) Turning on etcd volume encryption
- (rdifazio) Addons status questions
- (elenaw)
 - Bump on a couple PRs
- Spotinst as new cloudProvider - <https://github.com/kubernetes/kops/pull/5195>
- Kubelet and runtime cgroups - <https://github.com/kubernetes/kops/issues/4049>
 - kube-apiserver load balancer connection draining feature
- (mikesplain) Test infra - NVMe
 - <https://github.com/kubernetes/test-infra/pull/9200>
 - Two PRs:
 - Bazel updates - <https://github.com/kubernetes/kops/pull/5481>
 - Machine Type Generator - <https://github.com/kubernetes/kops/pull/5553>

August 17th, 2018

Attendees

- Justin SB - Google
- Monty Zukowski - Lark Technologies
- Eric Hole, ReactiveOps
- Levi Blackstone - Rackspace
- Raffaele Di Fazio
- Mike Splain - Barkly
- Peter Rifel - TUNE
- Rodrigo Menezes - Pinterest

- Seth Pollack - BeenVerified

Agenda

- (justinsb) 1.10.0 released, 1.11.0-alpha.1 coming soon
- (justinsb) PSA foreshadow vulnerability - new image coming soon to stable channel, if running a non-default image will want to update
- (justinsb) 1.11 / 1.12 goals
 - etcd3
 - cluster API/machines API
 - Resize instance group instance type & count ([#5646](#))
 - addon work
 - Custom security groups - overriding the core security groups
 - Etcd-manager restore from backup / DR (e.g. zonal outage)
 - GCP IP Aliases & GA
 - Aws instance types - move to channel like setup?
 - Aws-encryption-provider
 - t2.unlimited
 - More automated builds
 - Move to CNCF infrastructure
 - Clean up roadmap etc
 - More networking config options (no IGW)
 - (levi) OpenStack implementation
 - Autoscaling requirements
 - (montyz) (last, non-developer question if time) Draining nodes
 - Details in <https://github.com/kubernetes/kops/issues/5646>
 - Main question is how after draining a node, what is the right way to delete it? Kubectl delete node didn't terminate the node and it was still in the scaling group, I must misunderstand the procedure.
 - (rdifazio) Kubernetes "DNS issues"
 - Blogpost: <https://www.weave.works/blog/racy-contrack-and-dns-lookup-timeouts>
 - Kops discussion: <https://github.com/kubernetes/kops/issues/5584>
 - (rdrgmnzs) Is Kops GCP GA?

August 3rd, 2018

No meeting due to a confluence of holidays

July 20, 2018

Attendees

- Seth Pollack - BeenVerified
- Elena Washington, Beeswax

- Justin SB - Google
- Peter Rifel - TUNE
- Mike Splain - Barkly
- Rodrigo Menezes - Pinterest
- Christian Jantz - Safewrd
- Eric Hole - ReactiveOps
- Dave Konopka - ReactiveOps
- Graham Mooney - Cisco

Agenda

- (justinsb) 1.10 beta1 imminent - please comment on any bugs / prs to bring them to the top of the sort list
- (elena)
 - <https://github.com/kubernetes/kops/pull/5195> (request to put in 1.10)
 - <https://github.com/kubernetes/kops/issues/4049> (question)
- Kope.io images? How to PR? Is there an “official” place other than justin’s acct-addressed: ehole will PR some better docs about how to find tphis repo. Folks who are interested in reviewing, please PR yourself into OWNERS file
- (fred) 1.10 beta vs master ...
-

July 6, 2018

Attendees

- Seth Pollack - BeenVerified
- Justin SB - Google
- Raffaele Di fazio
- Fernando Battistella - TriNimbus
- Shane Starcher - Syapse

Agenda

- (justinsb) proceeding with 1.10 - any blockers for beta?
- (fred) 1.10-apha-1 heptio-authenticator (works) file perms issue, name
- (fred) 1.10-apha-1 possible issue with kube-proxy (might need guidance)
- (raffaele) <https://github.com/kubernetes/kops/pull/5414> ← feedback wanted :-)
- (shane) recommend version > 1.10.3 due to <https://github.com/kubernetes/kubernetes/pull/64351>
-

June 22, 2018

Attendees

- Seth Pollack - BeenVerified
- Mike Splain - Barkly
- Justin SB - Google
- Rodrigo Menezes - Pinterest
- Graham Mooney - Cisco

Agenda

- (justinsb): FYI 1.10.0-alpha.1 is up
 - (fred) Question regarding KOPS 1.9.2? and heptio-authenticator (addon)
 - (justinsb) sam on slack mentioned an interesting idea around trying to put all images through a docker registry pull-through cache. Would reuse asset remapping, but rewrite them to a proxy.
 - (justinsb): gambol99 has a super-interesting PR for node bootstrap authentication (<https://github.com/kubernetes/kops/pull/5317>)
 - (mikesplain): Launch config cleanup (<https://github.com/kubernetes/kops/pull/5245>)
 - (rdrgmnzs) CA rotation
-

June 8, 2018

Attendees

- Justin SB - Google
- Andrew Sy Kim
- Vaibhav Patel - Microsoft Azurestack
- Fernando Battistella - TriNimbus
- Seth Pollack - BeenVerified
- Rodrigo Menezes - Pinterest
- Elena Washington - Beeswax
- Mike Splain - Barkly

Agenda

- (justinsb) planning to cut 1.10 alpha this weekend - last call for 1.10 alpha PRs
- please merge <https://github.com/kubernetes/kops/pull/5297> if 1.10 using Kubernetes 1.10.3 or greater
- Intro for Vaibhav, Share Azurestack story

May 25, 2018

Attendees

- Justin SB - Google
- Eric Hole - ReactiveOps/Google
- Peter Rifel - TUNE
- Rodrigo Menezes - Pinterest
- Mike Splain - Barkly
- Andrew Sy Kim

Agenda

- (justinsb) etcd-manager is alive - roll on the release train!
- (lbn10y) question – does kops use terraform?
- (rdrgmnzs) IAM roles #4171

May 11, 2018

Attendees

- Justin SB - Google
- Mike Splain - Barkly
- Peter Rifel - TUNE
- Andrew Sy Kim
- Seth Pollack - BeenVerified
- Rodrigo Menezes - Pinterest
- Zach Arnold - Ygrene Energy Fund

Agenda

- (justinsb) Update from kubecon
- (justinsb) Update on 1.10
- etcd-manager going well; last big thing is adoption of existing volumes
- Challenge of switching to etcdv3 though
- Going to cut 1.10 alpha v soon
- Working on PR backlog!
- (andrewsykim) Alibaba Cloud Networking - <https://github.com/kubernetes/kops/pull/4991>
- (mikesplain) Kops 1.9.1?
- (peterr) Existing IAM Roles <https://github.com/kubernetes/kops/pull/4171>
- ExistsAndWarnIfChanges Lifecycle not validating

April 27, 2018

Attendees

- Justin SB - Google
- Seth Pollack - BeenVerified
- Raffaele Di Fazio
- Mike Splain - Barkly
- Andrew Sy Kim
- Ben Chelli

Agenda

- (justinsb) 1.10 status update
- Want to get etcd-manager working before we do first alpha - that is the major blocker give the etcd timeline
- Would like to get IAM & SG sharing in asap
- (Raffaele) Question: support for ACM certificate for API server ELB. Related issue: <https://github.com/kubernetes/kops/issues/834>
- (andrewsykim): refactoring/consolidating cloud providers on kops
- (mikesplain): kube-dns to 1.14.10 for externalName bug <https://github.com/kubernetes/dns/issues/224>
- Potential bugfix via cherry pick of <https://github.com/kubernetes/kops/pull/5026>
- Ben Chelli - Question: Is there any support for bare metal install?

April 13, 2018

Attendees

- Justin SB - Google
- Paul Stenius - Macmillan Learning
- Mike Splain - Barkly
- Andrew Sy Kim
- Rodrigo Menezes - Pinterest
- Seth Pollack - BeenVerified
- Peter Rifel - TUNE

Agenda

- (justinsb) 1.9.0 released
- 1.10 alpha.1 imminent, per the plan
- Roadmap updated with priorities as agreed in previous office hours: <https://github.com/kubernetes/kops/pull/4966>
- DigitalOcean Support
- <https://github.com/kubernetes/kops/pull/4677>
-

Mar 30, 2018

Attendees

- Peter Rifel - TUNE
- Justin SB
- Rodrigo Menezes - Pinterest
- Mike Splain - Barkly
- Shane Xie - Alicloud
- Chris Love - CNM Consulting
- Aditya Purandare

Agenda

- (justinsb) Proposed release schedule:
 - *As we're planning earlier releases, I thought we could figure out what this really looks like*
 - *All target dates - we release when it's stable - any critical issues will push the release date. Kops' edict is to have production grade stable releases, rather than meeting a date. As a community we are establishing a schedule, which may be pushed because of issues in kops or kubernetes.*
 - 1.9.0 Beta.1 this weekend (Mar 31st)
 - 1.9.0 next weekend (target April 7th - mikesplain volunteered to help - thank you)
 - 1.10 alpha.1 with release of kops 1.9.0 (April 7th)
 - 1.10 release target ~ April 28th
 - 1.11 alpha.1 at release of kops 1.10
 - 1.11 beta.1 at release of k8s 1.11
 - 1.12 alpha.1 at release of kops 1.11 etc
- (justinsb) Proposed themes for the next few kops releases:
 - Support for the latest k8s :-)
 - Etcd manager modularized
 - Addon functionality extracted
 - Machines API
 - Bare metal
 - kops-server
 - <https://github.com/kubernetes/kops/pull/4041>
 - (Shane) Add alicloud support for kops [[issue 4127](#)]
 - (chrislovecnm) Validation last node does not seem to be validate correctly. Not certain this is the same bug in validate - <https://github.com/kubernetes/kops/issues/4665>

- - (chrislovecnm) Latest version of CoreOS is not working with protokube - <https://github.com/kubernetes/kops/issues/4837>
- (chrislovecnm) new testing framework that justinsb put in place
- (chrislovecnm) etcd2 and quorum
- (Rodrigo) Lifecycles in 1.10 ?

Mar 16, 2018

Attendees

- Justin SB
- Seth Pollack - BeenVerified
- Mike Splain - Barkly
- Peter Rifel - TUNE
- Michael Wingard - Inmar
- Fernando Battistella - TriNimbus
- Robin Percy - TriNimbus
- Darron Froese - Salesforce
- Aditya Purandare - Under Armour

Agenda

- [justinsb] kops 1.9.0-alpha.2 soon - thanks to all for finding & reporting issues
- [justinsb] Emphasis on automating testing!

Mar 2, 2018

Attendees

- Justin SB
- Robin Percy - Trinimbus
- Mike Splain - Barkly
- Seth Pollack - BeenVerified
- Peter Rifel - TUNE
- Chris Love - CNM Consulting
- Rodrigo Menezes - Pinterest
- Aditya Purandare - Under Armour

Agenda

- Kops 1.9.0-alpha.1 is out
- [justinsb]: Moving to a more mechanical release schedule?
 - (Which means that things ship broken)
 - Goal: get more out of “lock-step” e.g. network providers
 - Aditya: Consider use of AmazonLinux AMI

- [justinsb]: Primary roadmap items
 - EtcD manager
 - <https://github.com/kubernetes/kops/blob/master/docs/etcD/roadmap.md>
 - <https://github.com/kopeio/etcD-manager>
 - Addon manager
 - Machines API
- [chrislovecnm]: API kops to not create IGW see <https://github.com/kubernetes/kops/pull/3031>

●

Feb 16, 2018

Attendees

- Justin SB
- Mike Splain - Barkly
- Fernando Battistella - TriNimbus
- Seth Pollack - BeenVerified
- Stephen McQuay - Wish
- Robin Percy - TriNimbus
- Peter Rifel - TUNE
- Chris Love - CNM Consulting

Agenda

- Housekeeping: meeting invite is switching calendars
- chrislovecnm - kops 1.9 alpha release - we ready?
- chrislovecnm - Lifecycle overrides design <https://github.com/kubernetes/kops/pull/4445> - do we want a super fine grain override or just by phase?
- chrislovecnm - How exactly are the phase life cycles suppose to work? I am getting mixed testing results

Feb 2, 2018

Attendees

- Chris Love cnmconsulting.net
- Mike Splain - Barkly
- Monty Zukowski - Lark
- Peter Rifel - TUNE
- Justin SB
- Seth Pollack

Agenda

- Gambol99 - <https://github.com/kubernetes/kops/pull/4038> - rolling update strategies
- <https://github.com/kubernetes/kops/issues/4156> - certificate error with nodeup, and new key configuration with upgrades
- [chrislovecnm] <https://github.com/kubernetes/kops/pull/4354> - increasing key size. Can we think of any problems with upgrades?
- [chrislovecnm] E2e testing is now green except for nvme testing
- [chrislovecnm] Kops 1.9 beta
 - Blockers: make sure e2e is green
 - Verify RBAC change
 - Would love to get backups working in the <http://github.com/kopeio/etcd-manager> format
 - Planning on making GCE not-feature-gated

Jan 19, 2018

Attendees

- Chris Love cnmconsulting.net
- Mike Splain - Barkly
- Peter Rifel - TUNE
- Rodrigo Menezes - Pinterest
- Seth Pollack - BeenVerified

Agenda

- [chrislovecnm] e2e testing
- [chrislovecnm] 1.9 release - who has tested and done upgrades?
- Other items??
- [chrislovecnm] any open PRs or issues to discuss

Jan 5, 2018

Attendees

- Justin SB
- Seth Pollack
- Mike Splain
- Robin Percy
- Matt Schurenko
- Fernando Battistella
- Horace Heaven

Agenda

- [justinsb] Update on AMI
- [chrislovecnm] amazon linux 2
- [justinsb] Summary of Justin's work on bare-metal
- New toolbox command, bundles a tar ball and pushes a bundle for nodeup, and then runs a bootstrap command
- New dns component - kube-discovery, allows for master discovery
- New machine controller
- [justinsb] Summary of Justin's work on breaking up protokube
- Looks like 3 components: Etcd-manager / addon-manager / discovery
- Etcd-manager: <https://github.com/kopeio/etcd-manager>
- [justinsb] Summary of Justin's work on machine-controller
- [chrislovecnm] etcd3
- [chrislovecnm] mentorship program
- HOWTO PR review
- Three different types of reviews - code, api, and documentation
- Need more tooling in regards to checking api machinery, goimports, and spelling
- Do we need another flag for this, some guidelines
- Robin, Mike, Roberto and Rodrigo are folks participating
- [mschurenko] questions about Qos Guaranteed/CriticalPods for core addons
- Outline for the start of work on addons manager
- Discussion on involving the

December 22, 2017

Attendees

- Seth Pollack
- Eric Hole - ReactiveOps
- John Wynkoop - ReactiveOps
- Justin SB
- Arun Gupta - AWS

Agenda

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- Alibaba Cloud Provider <https://github.com/kubernetes/kops/issues/4127>
- We will use 4127 to organize around alicloud
- Network object/API and <https://github.com/kubernetes/kops/pull/4074>
- One master - why would somebody run a single node cluster? - Arun
- What happens when master goes down? - Arun
- Do masters communicate with each other? - Arun

- Update on bare metal
- Manual vs automatic update - Arun
- Questions on bare metal - Shane
- More questions - Shane

November 24, 2017

(Thanksgiving)

November 10, 2017

Attendees

- Justin SB
- Chris Love
- Andrew Sy Kim
- Mike Splain
- Seth Pollack

Agenda

Next release soon, debating doing another beta:

“Lots” of PRs since beta.1, but nothing too critical i.e. mostly just updates

Concern over upstream issue, but probably just warrants a release note:

<https://github.com/kubernetes/kubernetes/issues/55022>

October 27, 2017

Attendees

Justin SB

Seth Pollack

Andrew Sy Kim

Roberto Rojas

Agenda

- Release 1.8
- Refactoring executor - <https://github.com/kubernetes/kops/pull/3705>
- Release process
- Baremetal
 - Create a bundle for state store and nodeup
 - Create an instance of CoreDNS
 - Modify protokube to have capability to mount dns drives
 - Either use gossip or CoreDNS to set the api endpoint of the etcd servers

- We also need to set the API endpoint address of the master
- DigitalOcean support for kops
- Improving communication on PRs

October 13, 2017

Agenda

- Lifecycles
- Release process
- API values - should we just expose all of them for k-c-m, api server, etc
- Communication on PRs and Design - communication is HARD. How do we do it better? PR tests in first? PR only APIs? Design in issues?

Notes

- Conversation around etcd in regards to lead election problem - heart beat timeout
- Robin brought up the idea of having a PR with the API values, use cases, and implementation design
- If you are ok with throwing away code, then just do a full implementation
- Chris will PR a document for an initial design process
- We need to improve the use of openapi spec document generation
-

September 29 -2017

Agenda

- Open discussion

September 1 -2017

Agenda

- Romana built-in networking [PR #3290](#)

August 18 - 2017

Agenda

- Request from @bradgesaman to discuss cluster security/hardening defaults

August 4 - 2017

July 7 - 2017

Agenda

- Invited @pwittrock to demo the api server framework

- Notes on some questions asked:
 - Split DNS - not having private ip addresses in public DNS
 - Choice for TLS on ETCD <https://github.com/kubernetes/kops/pull/3114>
 - ETCDV3 Support (<https://github.com/kubernetes/kops/pull/2169>)
 - Socks2 compliance
 - Discussion around hooks
 - Inline File Assets (<https://github.com/kubernetes/kops/pull/3090>)
 - Component Change detection (<https://github.com/kubernetes/kops/issues/3076>) and possible solution mentioned (as we were raising a PR)
 - Discussion around EFS
<https://github.com/kubernetes/kubernetes/issues/28226#issuecomment-290832841>

June 23 - 2017

Agenda

- Do you record these zoom meetings? And can they be uploaded somewhere?
[Such as...](#) Unable to attend at 6pm GMT Friday.
- Current state of vSphere support for Kops <https://github.com/kubernetes/kops/pull/2800> - Prashima

May 12 - 2017

Agenda

- 1.6 release - where are we at?
 - Justin needs to rollback the watch ingress flag
 - Overall stable
 - Goal is to cut a GA release this weekend
 - Etcd3 still having upgrade challenges
- Questions about templating - Chris Love
- Much talk about Addon Manager
 - Kops is not a package manager
 - Kops provides some examples
 - Addon yaml is confusing
- Number of issues open
- New maintainers?

Apr 28 - 2017

Agenda

- 1.6 release - where are we at?
 - CNI update
 - Flannel / Canal testing
 - Private DNS regression
 - Add RBAC manifests

- Otherwise good for beta, then release?
- Moving to release beta this weekend
- ROADMAP?
- Interfaces and patterns for cloud providers. We have a lot of cloud provider specific code for aws. How do we not get more? How can we refactor without breaking? Recommendation may be to open issues and document in the code where changes need to occur
- Move aws stuff into separate directories and refactor out of main directory?
- rolling-updates**? Warning for non-aws for now
- What is the meeting about? What is our intention with the call? From my perspective:
 - Allow contributors have a forum to get help and advice. Make contributions easier, faster and better.
 - Discuss topics that are for status. Such as releases.
 - Provide a respectful meeting environment, providing a amazing place to share ideas, grow, and just have some fun.
 - Ideas
 - Robin- List of issues that can be helped out with
 - Tag: first-time-contrib?
 - Eric- Demos either PR or interesting features
 - Issues grooming - we have a lot. Can we have an issues party? Refreshments, video call and knock them out! Other ideas?
 - Coffee ritual - check issues in the morning?
 - Continue to add/try more contributors
 - More contributors - look at adding more people as contributors
 - More people working on issues
 - Please spam the contributors on issues and PRs, we will respond as quick as we can, but we want to be tagged on issues that for instance are duplicates.
 - Empower users to groom issues, and review PRs
 - Look at using a bot to help mark issues as duplicates
 - Changes to the CI? (now 4 checks)
 - Possibly relating to the travis problems
 - Lots of questions around RBAC
 - What is kops going to be responsible for
 - Open issue in dashboard with rbac as is seems to be the most challenging components
 - How are rolling updates handled?
 - Seth and Justin are currently doing some work on it
 - People want to use dex but we do not have a setup guide

Time permitting

- Questions/kops support?

Attendees

- Eric Hole, ReactiveOps
- Otto Yiu, Demonware (Activision/Blizzard)
- Robin Percy, TriNimbus Cloud Management
- @chrislovecnm Chris Love - CNM Consulting
- @justinsb
- Sandeep Pissay - VMware

Mar 31 - 2017

Agenda

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Mar 31 - 2017

Agenda

- [pipejakob] kubeadm is hoping to move to its own repository. What lessons can we learn from kops when planning this?
- We should talk about post-install scripts

Mar 17 - 2017

Agenda

- Update on 1.6 from Justin
- Already running from head
- chrislovecnm - needs some assistance with adding feature flag capability to nodeup.
- <https://github.com/kubernetes/kops/pull/2120#issuecomment-286882148> - I believe the entry point should be the unit that is running nodeup, and not the script, but I am uncertain.
- sgoings
- what state is the roadmap in? <https://github.com/kubernetes/kops/pull/2039>
- Kris/Justin update on running kops server in container
- Helm
- Working with kubectl
- Dockerizing kops
- Kris update on kube2iam
- Kris next release

- Kube-aws -> kops
- <https://groups.google.com/forum/#!topic/kubernetes-sig-aws/L1E2F2Easbw>

Mar 3 - 2017

Agenda

- <https://github.com/kubernetes/kops/pull/2019>
-
- Planning on doing 1.5.2 release to make room for...
- Vendoring kops for k8s 1.6
- ~~Is dep ready - been using it in a smaller project, but do we want to use it.~~
- How do we use the staged repos in core
- Are we switching to the structs in go-client
- For example are we going to use the Deployment struct that is defined in the kubernetes k8s.io/kubernetes/pkg/api/v1 or are we going to use the Deployment struct that is defined in client-go/pkg/apis/apps/v1beta1
- I have not see the client rest object in kubernetes anymore, are we going to use the client in client-go
- Roadmap
- Justin's roadmap PR - <https://github.com/kubernetes/kops/pull/2039>
- Bare metal
- Justin has some work, need to reach to #sig-on-prem
- DNS is one of the design elements that we need to address
- GCE improvements
- Azure
- RBAC / Security improvements for 1.6
- Policies
- Roles and Bindings
- Service Accounts
- Webhooks for authentication
- Next steps for rolling-update
- Next pattern to implement

Feb 17 - 2017

- Agenda
- Welcome new kops maintainers @geojaz and @yissachar
- Planning on a 1.5.2 beta today / this weekend
- Proposed breaking change to lock down route53 [#1871](#)

- Workaround is to add additional IAM policy
- Not widely used yet?
- Development themes:
- More clouds: GCE, VMWare
- API Server
- Kubeadm integration
- Plugins
- Kube2iam
- Rolling-update - lots more to do
- Planning on closing some older PRs
- Updates on rolling-update PR, and questions about PetSets
- Follow-up on DNSController issues