




Kubernetes/Cloud Native Bandung #10 @Online, Juli 2020






Agenda

- Kubernetes/Cloud Native Community Update
- Talk #1 by
Irvi Aini (Chairwoman SIG Docs, Kubernetes)
Giovan Isa Musthofa (ex-Google Summer of Code intern)
- Talk #2 by **Eryan Ariobowo** (Solutions Architect, AWS Indonesia)
- Shared Q&A Panel
- Announcements

Previous Meetups


 cloudnative-id / **meetups**


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[Code](#) [Issues 8](#) [Pull requests 0](#) [Actions](#) [Projects 0](#) [Wiki](#) [Security 0](#) [Insights](#) [Settings](#)


Repository to gather presentations from all Kubernetes and Cloud Native meetups in Indonesia [Edit](#)


[Manage topics](#)

 109 commits


 6 branches









 0 packages

 0 releases

 8 contributors

Branch: master ▾ [New pull request](#) [Create new file](#) [Upload files](#) [Find file](#) [Clone or download ▾](#)

 **eufat** Add #13 meetup speakers ✓ Latest commit ca90932 19 days ago

 .github	Update create-meetup-event.md	28 days ago
 bandung	Persist slides in PDF (#35)	4 months ago
 docs	Add meetup topics and curriculum (#33)	21 days ago
 generator	Fix many things	5 months ago
 jakarta	Add #13 meetup speakers	19 days ago
 yogyakarta	Merge branch 'master' of https://github.com/cloudnative-id/meetups	3 months ago
 .gitignore	Remove key field in companies/speakers and add make generate to build...	5 months ago
 Makefile	Add test to makefile	5 months ago

Update from Cloud Native Indonesia

Last Online Meetup



The image shows a video conference interface with a blue geometric pattern background. Three participants are visible in separate video windows: a man with a beard in the top left, a man with glasses in the top right, and a man with glasses in the bottom center. A chat window is open at the bottom left, displaying a message from 'PackDhe Arief' with a small profile picture and a YouTube icon. The chat text asks about CAPI's support for various infrastructure types.

PackDhe Arief
apakah CAPI ini semacam automation deployment kubernetes cluster yang support untuk segala macam infrastruktur (cloud dan onprem) ?

Certified Kubernetes Security Specialist

<https://www.cncf.io/blog/2020/07/15/certified-kubernetes-security-specialist-cks-coming-in-november/>

Certified Kubernetes Security Specialist (CKS) Coming in November

0

By [cncf](#) July 15, 2020 in [Blog](#)

CNCF Staff Post

This autumn The Linux Foundation and CNCF are excited to add a new [Certified Kubernetes Security Specialist \(CKS\)](#) to the growing list of Kubernetes certification programs. CKS will join the popular and highly respected [Certified Kubernetes Administrator \(CKA\)](#) and [Certified Kubernetes Application Developer \(CKAD\)](#) programs. This new certification is for those who have passed the CKA exam and want third party validation for their working knowledge of container security.

Start your preparations now!

In order to take the CKS exam, you must hold a current CKA certification to demonstrate you possess sufficient Kubernetes expertise. If you want to make sure you are ready for the CKS and have not already achieved the CKA, we encourage you to start today! We provide a wealth of [resources](#) to help you prepare for CKA.

The details

Advanced Cloud Engineer Bootcamp

<https://www.cncf.io/blog/2020/07/22/advanced-cloud-engineer-bootcamp-to-make-it-simple-for-it-pros-to-learn-cloud/>

Advanced Cloud Engineer Bootcamp makes it simple for IT pros to learn cloud

□ 0

By [cncf](#) ■ July 22, 2020 in [Blog](#)


CNCF Staff Post

Following the successful launch of the [Cloud Engineer Bootcamp](#) last month, The Linux Foundation and CNCF heard from many sysadmins, developers, engineers, and others who wanted a similarly structured program to help them learn the skills necessary to move into cloud engineering but with more advanced training. These individuals did not need the beginner training courses included Cloud Engineer Bootcamp.

That led us to launch a new [Advanced Cloud Engineer Bootcamp](#). The program includes six training courses and registration for the Certified Kubernetes Administrator (CKA) exam, along with dedicated online support forums and weekday live video chat with instructors. Designed for working professionals, the program can be completed in as little as six months with around 10 hours per week of study time.

Operator Framework joins Incubating Project





<https://www.cncf.io/blog/2020/07/09/toc-approves-operator-framework-as-incubating-project/>




Operator Framework

The Operator Framework is an open source toolkit to manage Kubernetes native applications, called Operators, in an effective, automated, and scalable way.




<https://operatorhub.io/> Verified


 **Repositories** 27  **Packages**  **People** 25  **Projects** 1

Pinned repositories




 **operator-sdk**


SDK for building Kubernetes applications. Provides high level APIs, useful abstractions, and project scaffolding.

 Go  3.7k  1.1k




 **operator-lifecycle-manager**

A management framework for extending Kubernetes with Operators

 Go  805  334

 **operator-registry**

Operator Registry runs in a Kubernetes or OpenShift cluster to provide operator catalog data to Operator Lifecycle Manager.







 Go  71  93

Type: All ▾ Language: All ▾

operator-sdk





SDK for building Kubernetes applications. Provides high level APIs, useful abstractions, and project scaffolding.


[kubernetes](#) [sdk](#) [operator](#)

 Go  Apache-2.0  1,060  3,716  98 (16 issues need help)  27

Updated 30 minutes ago

Top languages

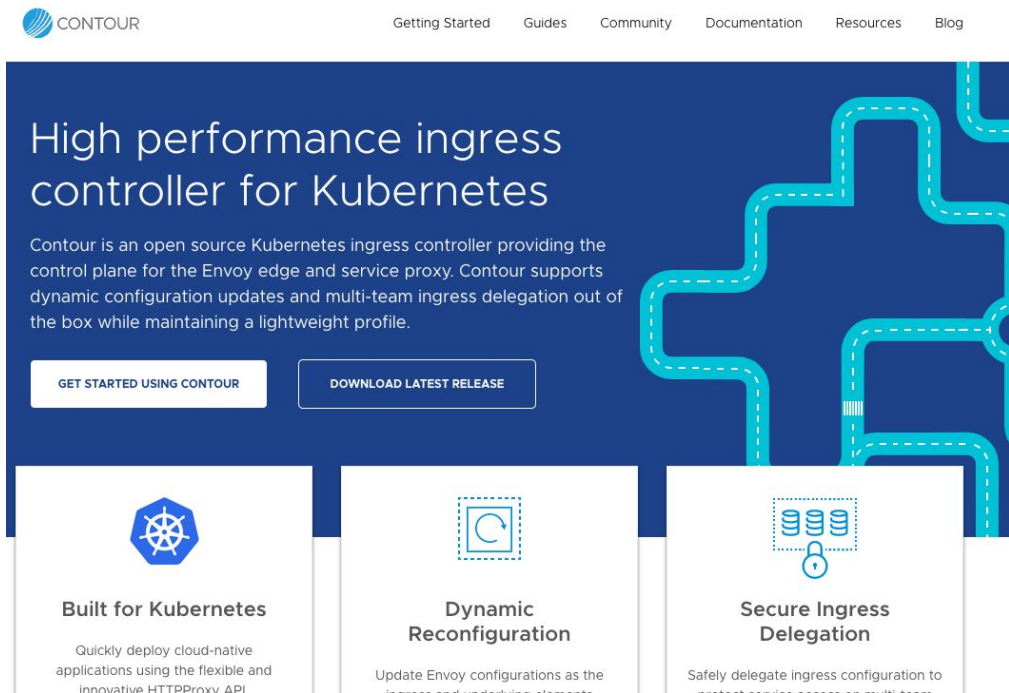
 Go  Shell  Python  Makefile

 Dockerfile

Most used topics

Contour joins Incubating Project

<https://www.cncf.io/blog/2020/07/07/toc-accepts-contour-as-incubating-project/>






The image shows the top portion of the Contour website. At the top is a navigation bar with the Contour logo (a blue circle with a white dot) and the word "CONTOUR" on the left, and links for "Getting Started", "Guides", "Community", "Documentation", "Resources", and "Blog" on the right. Below the navigation bar is a large hero section with a dark blue background. On the right side of the hero section is a decorative graphic of a blue circuit board with white dashed lines. The hero section contains the following text:

High performance ingress controller for Kubernetes

Contour is an open source Kubernetes ingress controller providing the control plane for the Envoy edge and service proxy. Contour supports dynamic configuration updates and multi-team ingress delegation out of the box while maintaining a lightweight profile.

Below the text are two buttons: "GET STARTED USING CONTOUR" and "DOWNLOAD LATEST RELEASE".

At the bottom of the hero section are three white boxes, each with an icon and a title:

- 
Built for Kubernetes
Quickly deploy cloud-native applications using the flexible and innovative HTTPProxy API
- 
Dynamic Reconfiguration
Update Envoy configurations as the ingress and underlying elements
- 
Secure Ingress Delegation
Safely delegate ingress configuration to protect service access as multi-team

CNCF Webinars

<https://www.cncf.io/webinars/>



Cloud Native Indonesia Bot

CNCF Webinar Update

7:05:14 AM

Webinar:

- Title: [CNCF Member Webinar: End YAML engineering with cdk8s!](#)

Date: May 13 2020

Time: 8:00-9:00 AM PT (UTC-7)

- Title: [CNCF Member Webinar: Influencing DevOps without Authority – how “DevOps engineer” can advance real DevOps](#)

Date: May 15 2020

Time: 2:00-3:00 PM PT (UTC-7)

- Title: [CNCF Member Webinar: How to keep your clusters safe and healthy](#)

Date: May 20 2020

Time: 10:00-11:00 AM PT (UTC-7)

ICYMI: CNCF Webinars

Weekly recap of CNCF project, SIG, Ambassador, and member webinars that you might have missed.

You can view all CNCF recorded and upcoming webinars [here](#).

[CNCF Project Webinar: Fluent Bit v1.5](#)

Eduardo Silva, Principal Engineer @Treasure Data, Masoud Koleini, Staff Research Software Engineer @Arm & Wesley Pettit, Software Developer Engineer @AWS

[CNCF Member Webinar: Learn how to clean up your cloud-native “DevOps Dumping Ground”](#)

Melissa Sussmann, Product Marketing Lead @Puppet & Kenaz Kwa Principal Product Manager @Puppet

[CNCF Member Webinar: Kubernetes Security Anatomy and the Recently Disclosed CVEs](#)

Gadi Naor, CTO & Co-Founder @Alcide

[CNCF Member Webinar: Implementing Canary Releases on Kubernetes w/ Spinnaker, Istio, and Prometheus](#)

Oleg Chunikhin, CTO @Kublr

[CNCF Member Webinar: Kubernetes Secrets Management: Build Secure Apps Faster Without Secrets](#)

Jody Hunt, Director of DevOps Security @CyberArk

[CNCF Ambassador Webinar: Building application management platform with Open Application Model](#)

Lei Zhang (Harry), Staff Engineer @Alibaba


[CNCF Member Webinar: Observability of multi-party computation with OpenTelemetry](#)

Antoine Toulme, Engineering Manager @Splunk & Dave McAllister Sr, Technical Evangelist @Splunk


International events & conferences

- [KubeCon/CloudNativeCon EU](#) Virtual
 - Aug 17-Aug 20 2020 | Registration for \$75
- [Open Source Summit EU](#)
 - Oct 26-28 2020

KubeCon / CloudNativeCon EU Virtual

 **CNCF**
@CloudNativeFdn

We have two exciting options for **#KubeCon** + **#CloudNativeCon** EU Virtual – a **FREE** pass for access to the Keynotes + Sponsor Showcase or the **FULL** immersive experience for \$75. Register now!



Register | Linux Foundation Events
Full Event Pass: \$75 USD Access to the entire immersive event experience, including keynote and breakout sessions, sponsor showcase, and conference ...
events.linuxfoundation.org

11:00 PM · Jul 22, 2020 · [Twitter Web App](#)

16 Retweets and comments 42 Likes

Which pass is the best option *for me?*

	Full Event Pass	Keynote + Sponsor Showcase Only
All Keynote Sessions	×	×
All Breakout Sessions	×	
All Lightning Talks	×	
All Tutorials + 101 Track	×	
Live Q+A with Speakers	×	
Sponsor Showcase	×	×
Sponsor Demo Theater	×	×
Engage with Project Maintainers + Leads	×	×
Networking including Chat + Job Board	×	
Experiences including Yoga, Meditation, Games, + Musical Performance	×	
Ability to Register for Co-Located Events	×	
50% off Certified Kubernetes Administrator or Application Developer Training + Exam Bundle	×	

Talk from Irvi Aini & Giovan Isa Musthofa

“Storage in Kubernetes”

Talk from Eryan Ariobowo
Solutions Architect
@ AWS Indonesia

“Kubernetes Cost Optimization on AWS”

Q&A

Announcements

Any Idea?

Meetup Topic?

Want a company you wish for to give a talk?

Any interesting project?

Submit to:

<https://github.com/cloudnative-id/meetups/issues>

kubernetes.io/id

- **135 pages** localized
- **56 contributors**
- most of them **first-time contributors**
- **186 pull requests** merged
- **7,000 views** per month

kubernetes.io/id

- 2020 Issues Tracking:
<http://bit.ly/k8s-docs-id-m4>
- Join SIG docs google groups (bit.ly/sig-docs-id)
- Interested to contribute?
 - Kubernetes slack channel **#kubernetes-docs-id**

Announcements

- Anything else from audience?
- Hiring?

Quiz

www.kahoot.it

329520

Pemenang

Please Join

- t.me/kubernetesindonesia
- meetup.com/Kubernetes-and-Cloud-Native-Bandung
- github.com/cloudnative-id/meetups