




Jakarta Kubernetes Meetup 014 @Online, April 2020



Agenda

- Kubernetes Community Update
- Talk #1 by **Iqbal Syamil (@Telkom University)**
- Talk #2 by **Aris Risdianto (@Open Networking Foundation)**
- Announcements

Previous Meetups

 [cloudnative-id](#) / [meetups](#)

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📖 Wiki

🛡 Security 0

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⚙ Settings

Repository to gather presentations from all Kubernetes and Cloud Native meetups in Indonesia

Edit

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🔽 106 commits

🔗 7 branches

📦 0 packages

📄 0 releases

👤 8 contributors

Branch: master ▾


New pull request

Create new file

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 **girikuncoro** Update create-meetup-event.md ✓ Latest commit ed56b93 6 days ago

📁 .github	Update create-meetup-event.md	6 days ago
📁 bandung	Persist slides in PDF (#35)	3 months ago
📁 docs	New Cities' Onboarding Doc (#30)	3 months ago
📁 generator	Fix many things	4 months ago
📁 jakarta	Merge branch 'master' of https://github.com/cloudnative-id/meetups	2 months ago
📁 yogyakarta	Merge branch 'master' of https://github.com/cloudnative-id/meetups	2 months ago

Update from Jakarta Kubernetes

Last Meetup @NodeFlux



CNCF Interns

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Seven CNCF Interns Graduate from the 2020 Linux Foundation CommunityBridge Program

0

By Ihor Dvoretzkyi ■ April 15, 2020 in Blog

CNCF Staff Blog

We are very pleased to announce that as part of CNCF's participation in [CommunityBridge](#), seven interns have successfully passed the program! CommunityBridge is a platform that aims to sustain open source projects and through paid internships for developers to learn and contribute to open source communities.

"We are very pleased to see our CommunityBridge program grow this year. Similar to our involvement in the Google Summer of Code, this platform is a really effective way for us to engage with new and upcoming members of our community by offering paid internships and mentorships," said Chris Aniszczuk, CTO/COO at the Cloud Native Computing Foundation. "Congratulations to all the interns who participated in the 2020 program with us."

Additional details on the CNCF projects, mentors, and students who successfully completed the program can be found below and on GitHub: <https://github.com/cncf/mentoring>

github.com/cncf/mentoring

CNCF Projects	Community Bridge Project	Mentor Name(s)	Mentee Name
Cortex	Storage Plugins	Goutham Veeramachaneni	Vineeth Pothulapati
Fluentd	Extending internal metrics support on Fluent Bit and improving Fluent Bit usability / user-experience	Eduardo Silva and Masoud Koleini	Atibhi Agarwal
Kubernetes	Integrating the Tenant Operator with the hierarchical namespace controller	Tasha Drew and Fei Guo	Shivani Singhal
Kubernetes	Kubernetes working group for CSI driver	Andy Zhang	Ji'an Liu
OpenTelemetry	Implementing zPages for OpenTelemetry, integrations registry, libraries compatibility tests, and OpenTelemetry C# integration with Azure, Amazon, and Google Cloud metadata services	Sergey Kanzhelev	Harnidh Kaur
Prometheus	Various React UI improvements and filtering label values API with matchers	Krasi Georgiev and Julius Volz	Boyko Lalov
Thanos	Improving read write coordination for object storage and end to end benchmarking tests on demand through CI	Bartek Plotka and Giedrius Statkevicius	Khyati Soneji

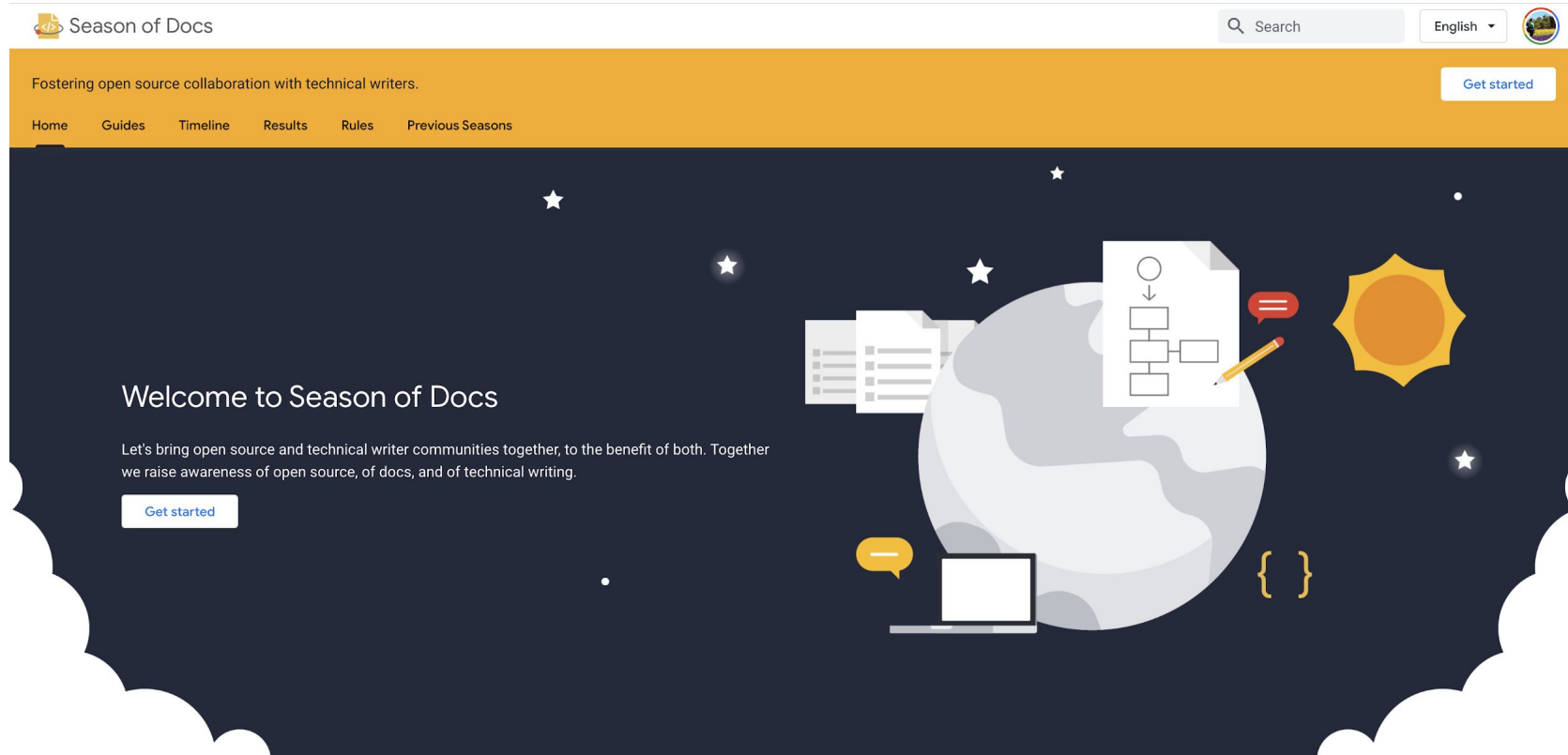
github.com/cncf/mentoring

Program	Purpose	Details and historical data
Community Bridge	Mentoring initiative by the Linux Foundation	communitybridge
Google Summer of Code	Mentoring program for the students	summerofcode
Google Season of Docs	Mentoring initiative for the technical writers	seasonofdocs
Outreachy	Mentoring initiative for the communities traditionally underrepresented in tech	outreachy

github.com/cncf/mentoring

Prometheus	GitHub integrated benchmarking tool for Prometheus TSDB	Krasi Georgiev	Vladimir Masarik
Prometheus	Optimize queries using regex matchers for set lookups & Postings compression	Ganesh Vernekar	Zhiqi WANG
rkt	Add support for the OCI runtime spec by implementing a runc stage2	Alban Crequy, Iago López Galeiras	Alejandro Germain
Rook	Enable multiple network interfaces for Rook storage providers	Dmitry Yusupov	Giovan Isa Musthofa
TiKV	Proposal for Auto-tune RocksDB	Wu	Yuanli Wang

developers.google.com/season-of-docs





**GERAK
DARI RUMAH**

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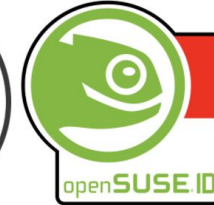
Mitra Komunitas



DT.
Deep Tech



GLIB
GNU/Linux Bogor



gerakdarirumah.id/kas/

2020-04-24	Donasi untuk RSPI Prof Dr. Sulianti Saroso		10,000,000	29,433,823
			6,500	29,427,323
2020-04-25	Donasi untuk Mamajahit.id		9,400,000	20,027,323
			6,500	20,020,823
Total		39,970,953	19,950,130	20,020,823

Donasi #GerakDariRumah untuk COVID-19

Bank: BRI

Account: 112701030456501

Name: Yoga Dwi Goesty

When you have donated,
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<https://wa.me/628111123242>

Kubernetes 1.18 New Features

- **OIDC Discovery for Service Account Token Issuer (alpha)**
 - Allowing services outside cluster to authenticate without overloading API server

Kubernetes 1.18 New Features

- **Configurable Scale Velocity for HPA (alpha)**
 - Only global velocity until now, not all resources are critical

```
behavior:
  scaleUp:
    policies:
      - type: Percent
        value: 100
        periodSeconds: 15
  scaleDown:
    policies:
      - type: Pods
        value: 4
        periodSeconds: 60
```

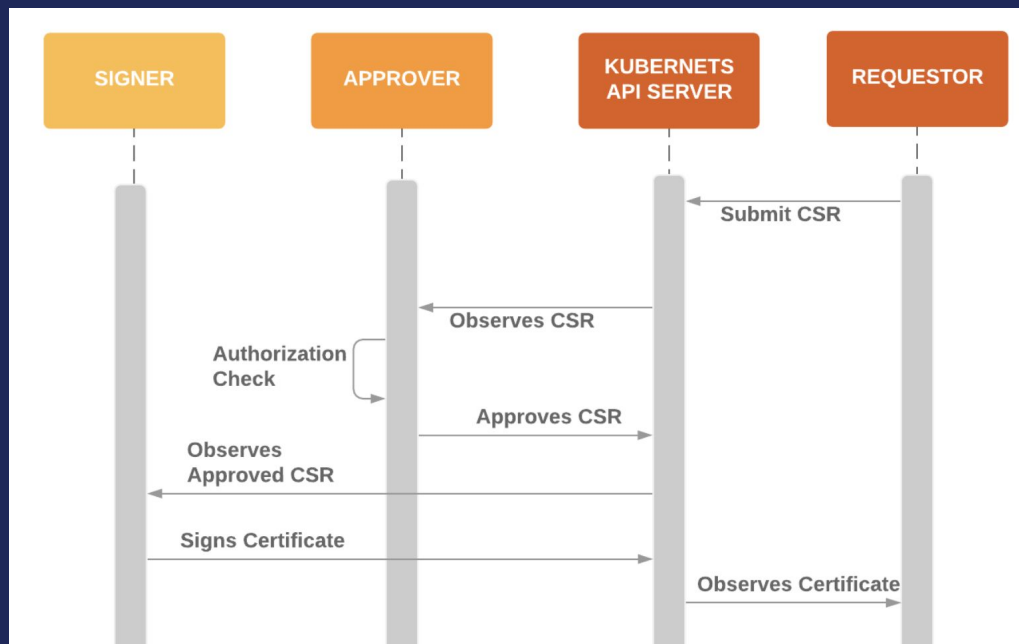
Kubernetes 1.18 New Features

- **Kubectrl debug**
 - Create ephemeral containers in pods
 - Attach privileged container to host namespace

Kubernetes 1.18 New Features

- **CertificateSigningRequest API (beta)**

- **Provision certs for non-core Users**
- **Improved process + security**



Kubernetes 1.18 New Features

- **Windows**
 - Implement Runtime class
 - Support CRI-ContainerD

Talks from **Iqbal Syamil**
Sophomore Student
@Telkom University

Talks from **Aris Risdianto**
Open Networking Foundation
Ambassador

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

- **112 pages** localized
- **46 contributors**
- **7,000 views** per month

kubernetes.io/id

- 2020 Issues Tracking:
bit.ly/k8s-docs-id-m3
- 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?

Please Join

- t.me/kubernetesindonesia
- meetup.com/jakarta-kubernetes
- github.com/cloudnative-id/meetups
- Donasi COVID-19:
 - Bank: BRI
 - Account: 112701030456501
 - Name: Yoga Dwi Goesty
 - Confirm: wa.me/628111123242