Jakarta Kubernetes Meetup 012
@AWS User Group, December 2019

Sponsor

Agenda

- Kubernetes Community Update
- Talk #1 by **William Albertus Dembo (@GoPay)**
- Talk #2 by **Kurnianto Trilaksono (@Airy)**
- Shared Q&A Panel
- Announcements
- Hallway track (Networking)

Hosted by

@irvifa from **Traveloka**

@girikuncoro @iqbal_farabi from **Gojek**

@imrenagi from **A Small Startup :p**

Previous Meetups

Previous Meetups

Update from Jakarta Kubernetes

Last Meetup @Microsoft

Diversity Scholarship **(due 12 Jan 2020)**

https://events.linuxfoundation.org/kubecon-cloudnativecon-europe/attend/diversity-scholarships/

HOME	ATTEND ▼	SPONSORS	VENUE + TRAVEL	PROGRAM ▼	REGISTER

Scholarship Applications Due: Monday, September 9, 2019
All Applicants Will be Notified By: September 27, 2019

APPLY NOW

Thank You to our Diversity Scholarship Sponsors!

Shadowing for K8s 1.18 Release Team (due 6 Jan 2020)

[Application link](#)

1.18 Release Team Shadow Application

Thank you for volunteering for the Kubernetes 1.18 Release Team!

This questionnaire is to learn a little bit more about you, your journey with Kubernetes, your understanding of the Release Team processes and procedures, as well as to determine if you're a good fit for the current Release Team.

Please note that you are expected to be inexperienced in some areas, as a shadow is a mentorship opportunity.

Participation in the Release Team can include somewhat open-ended expectations. We never know what blocking/critical issue may come up at what point during the release cycle. On a rare occasion this may mean we each make some personal sacrifice to check in on a status or show up at a meeting to give or receive information. The team of leads and shadows must be flexible and pragmatic in addressing these. The Release Team Lead will endeavor to make sure any such inconveniences do not unfairly hit individuals or specific timezones. To learn more please read the doc on shadows here: https://git.k8s.io/sig-release/release-team/shadows.md

While the release calendar has not been finalized it is fair to infer that the release will run during Q1 but ending before KubeCon EU 2020 in Amsterdam at the end of March.

1 month free Qwiklabs (#JuaraGCP)
(due 31 Jan 2020)

goo.gle/JuaraGCP

Google Developers

#JuaraGCP - Learn Google Cloud

🕐 Dec. 9, 2019 0:00 - Jan. 31, 2020 0:00   📍 Indonesia

#JuaraGCP

Hello Developers,

Here is an opportunity for you to self study Google Cloud Platform starting with One Month Free access to Qwiklabs, completing Coursera and preparing yourself for Google Cloud certification. Receive a cool swag pack upon completing step 1. Sounds interesting? Follow the steps below.

Step 1

Complete minimum 3 quests

- GCP Essentials (Mandatory)
- Kubernetes in the Google Cloud (Mandatory)
- An additional quest of your choice related to Google Cloud Platform

(**Note** : Atleast one quest should have been completed on or after 1st June 2019)

Why should you be a part of #JuaraGCP?

1. Get recognized by Google Developers & get cool **SWAGS**

2. Get **1 month of free access** to Coursera's Google Cloud certifications

3. Get **discount on GCP Certification** upon completion of Coursera course

Deadline : 31st January 2020

Special additional swags for everyone who complete **"Step 1"** by **31st of December 2019**

REGISTER NOW

Kubernetes 1.17 New Features

- **Kubeadm machine/structured output**
  - **(before)**

```
$ kubeadm token list
TOKEN                      TTL          EXPIRES                    USAGES
7vg8cr.pks5g06s84aisb27    <invalid>    2019-06-05T17:13:55+03:00  authentication,
```

Kubernetes 1.17 New Features

- **Kubeadm machine/structured output**
  - **(after)**

```
$ kubeadm token list -o json
{
    "kind": "BootstrapToken",
    "apiVersion": "output.kubeadm.k8s.io/v1alpha1",
    "creationTimestamp": null,
    "token": "7vg8cr.pks5g06s84aisb27",
    "description": "The default bootstrap token generated by 'kubeadm init'.",
    "expires": "2019-06-05T14:13:55Z",
    "usages": [
        "authentication",
        "signing"
    ],
    "groups": [
        "system:bootstrappers:kubeadm:default-node-token"
    ]
}
```

Kubernetes 1.17 New Features

- **Kubeadm machine/structured output**
- **IPv4/IPv6 dual-stack support**
- **Topology aware routing of services**
  - [**Detailed Post**](#)
- **Avoid serializing same object independently for every watcher**
  - Improve api-server perf

Talks from **William Albertus Dembo**
Cloud Platform Engineer
@GoPay

Talks from **Kurnianto Trilaksono** Infrastructure/DevSecOps Engineer @Airy

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/jk8s/meetup/issues

Kubernetes Docs Translation

- Q3 Issues Tracking:
  http://bit.ly/k8s-docs-id-m2
- Join SIG docs google groups (bit.ly/sig-docs-id)
- Interested to contribute?
  - Kubernetes slack channel **#kubernetes-docs-id**

Announcements

- Anything else from Jakarta community
- Hiring?

Please Join

- t.me/kubernetesindonesia
- meetup.com/jakarta-kubernetes
- github.com/jk8s/meetup
- github.com/cloudnative-id/meetups
- Slack:
    - #sig-docs-id (if you want to contribute)
    - bit.ly/sig-docs-id

happy holidays