



kubernetes+ cloud native

eastern canada meetup



Meetup Hosts

Sept the 28th, 2023



Sebastien / Prune
Lead Software Eng.

Wunderkind



Mathieu Benoit
Customer Engineer
Cloud Native Ambassador (CNA)

 **humanitec**



Agenda

- Introduction
 - ◆ Merci Mirego !
- CNCF News
- Prochains Meetup
- KubeCon NA 2023
- Présentations
- Tirage de prix !



Agenda

→ Présentations

- ◆ David Cardozo - Kubeflow 1.8 (40 min)
- ◆ Mathieu Benoit - PSS et PSA en action (40 min)
- ◆ Carol Tardif - HashiCorp dans l'écosystème CNCF (40 min)





Mirego: un grand merci !



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- Mirego, c'est une équipe de plus de 170 stratèges, designers et développeurs qui ont à cœur la création de produits numériques remarquables. Nous croyons que le travail devrait être une occasion d'innover, de s'amuser et de changer les choses. Nous travaillons en équipe, partageons nos idées et nous espérons pouvoir faire une différence et créer un monde meilleur.



Follow Us & Stay Connected!



The screenshot shows the LinkedIn group page for "Cloud Native Canada #CloudNativeCA". The group is listed under "Cloud Native EASTERN CANADA". It features a blue header with the Kubernetes logo and the text "kubernetes+ cloud native eastern canada meetup". It is identified as an official Meetup group of the Cloud Native Computing Foundation. The page includes standard LinkedIn navigation elements like share, message, and edit buttons.



Kubernetes Canada Community
151 subscribers



The screenshot shows the Twitter profile for @CloudNativeCA. The bio reads "kubernetes+ cloud native eastern canada meetup". The profile picture is the same as the LinkedIn group page. There are 4 tweets and an "Edit profile" button.

@CloudNativeCA



Follow Us & Stay Connected!



linktr.ee/cloud.native.canada



Présentez lors de nos Meetups !

- **(Virtuel) Tech Talk**
 - CFP link: <https://www.papercall.io/virtual-cncf-eastern-canada>
 - Who: CNCF Ambassadors, CNCF Project Maintainers, community members, sponsors, etc.
 - Focus: cool projects, topics, tools: special guest speakers
 - Durée: 20 à 45 min + Q&A
- **In-Person Meetups**
 - CFP link Montreal: <https://www.papercall.io/cncf-montreal>
 - CFP link Ottawa: <https://www.papercall.io/cncf-ottawa>
 - CFP link Toronto: <https://www.papercall.io/cncf-toronto>
 - CFP link Quebec City: <https://www.papercall.io/cncf-quebec>



Become a Sponsor!



CNCF News



**CLOUD NATIVE
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Kubernetes 1.28 Release!

Latest Release:1.28.2 (released: 2023-09-13)

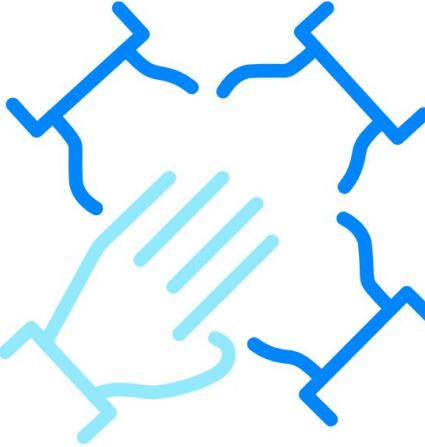
End of Life:2024-10-28

- **custom scheduler plugin** breaking change !





CNCF Community Groups new logo !



CLOUD NATIVE
COMMUNITY GROUPS
CITY NAME



NEW

Istio Certified Associate (ICA)

ENROLL TODAY



| Training &
Certification

**Introducing the
Wasm landscape!**

BY CHRIS ANISZCZYK + VIVIAN
HU + MICHAEL YUAN

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ANNOUNCEMENT

Kubernetes
Autoscaler KEDA
Graduates!



**Kubeflow is now
a CNCF
incubating
project!**

BY CNCF



ANNOUNCEMENT

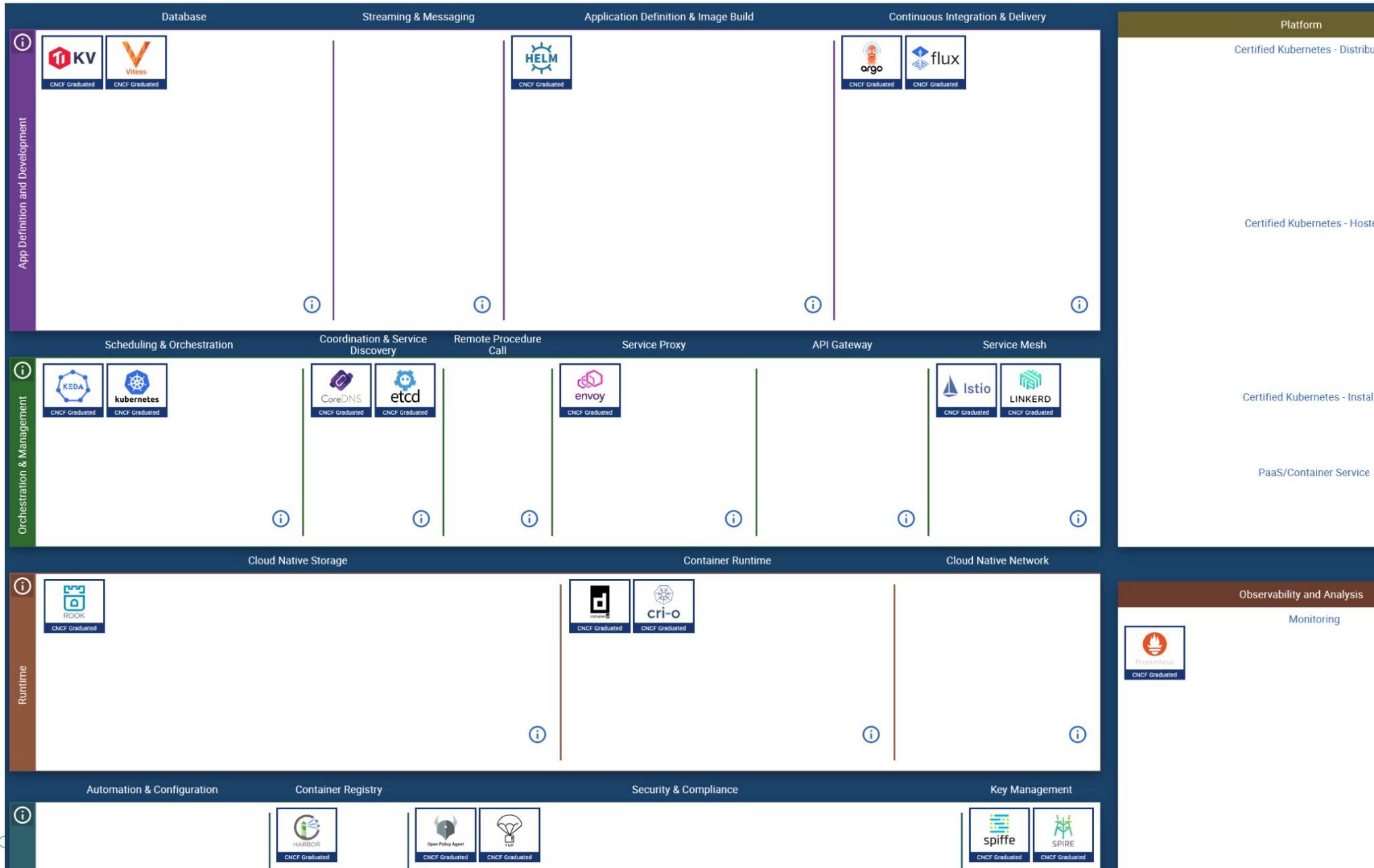
Cloud Native
Computing
Foundation
Announces
Graduation of
CRI-O



Cloud Native
Computing
Foundation
Reaffirms Istio
Maturity with
Project Graduation



<https://landscape.cncf.io/?project=graduated>



Linux Foundation Launches OpenTofu: A New Open Source Alternative to Terraform



Kubecon NA 2023



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Prochains KubeCon North America



CFP is open!

- > **CFP Closes:** Sunday, 26 November at 11:59pm Central European Time (UTC+1)
- > **CFP Notifications:** Monday, 22 January



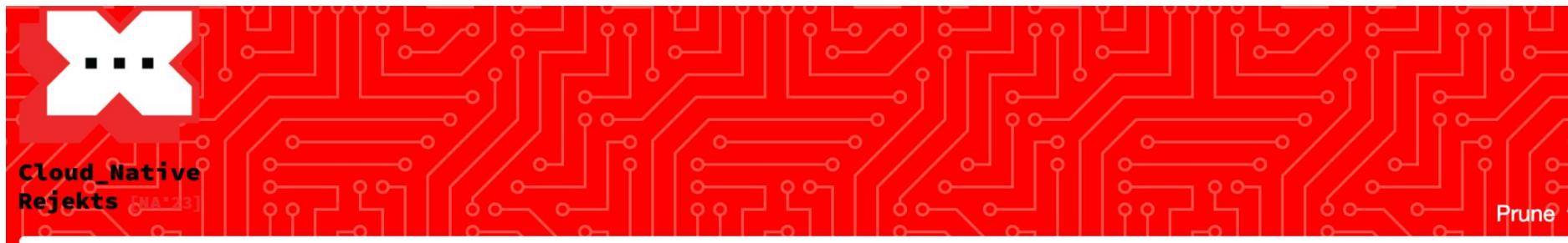


What our local community is doing?



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Shameless plug... Cloud Native Rejekts !



Hey, let's talk again about Limits and Throttling !

11-05, 15:10–15:40 (US/Central), ROOM 2

Let's get back to Resources Requests and Limits and see how much your apps are being Throttled despite all your efforts !

I know what you think.
You think you know how to set the right resource Requests and Limits for your pods. You think the kernel was fixed and throttling is not happening anymore.

Maybe you're not even tracking the pod's throttling in your clusters...

Well, I'm sorry to tell you that Throttling is happening in almost any cluster. And most people in 2023 still does not fully understand how Limits work and how to avoid throttling.

Schedule:

<https://cfp.cloud-native.rejekts.io/cloud-native-rejekts-na-chicago-2023/schedule>



Some blog articles from our local community

- [Champion Innovator David Cardozo, based in Victoriaville](#)
- [Maxime Coquerel's Blog - AKS Security](#)
- [PolySécur Podcast - Teknik - Kubernetes - Les API et le RBAC | by Sébastien Thomas](#)
- [Why Platform Engineering is so important? And what is it by the way? | by Mathieu Benoit](#)
- [Sail Sharp, 9 tips to optimize and secure your .NET containers for Kubernetes | by Mathieu Benoit](#)
- [Med Mouine's talks and publications](#)
- [Temporary privileges as a service, a nice engineering challenge | by Jean-Philippe Lachance](#)



Présentations !

Kubeflow 1.8



David Cardozo



[Kubeflow 1.8 and Kubeflow Pipeline 2.0](#)



Pod Security Admission/Standards



Mathieu Benoit



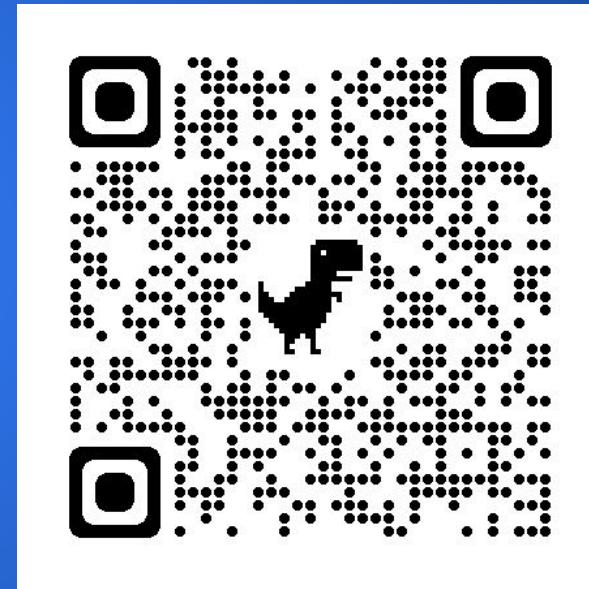
Only one label to improve your Kubernetes security posture,
with the Pod Security Admission (PSA) — just do it!



Hashicorp & CNCF



Carol Tardif



[HashiCorp dans l'écosystème CNCF](#)

Prix pour les bonnes questions !



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