



KubeCon



CloudNativeCon

Europe 2023




Code of Conduct

Remember the **Golden Rule**: Treat others as you would want to be treated - with kindness and respect

Scan the QR code to access and review the **CNCF Code of Conduct**:



Virtual Audience Closed Captioning

Closed captioning for the virtual audience is available during each session through **Wordly**.  The **Wordly** functionality can be found under the “Translation” tab on the session page.

Wordly will default to English. If another language is needed, simply click the dropdown at the bottom of the “Translation” tab and choose from one of 26+ languages available so you don’t miss a beat from our presenters.

*Note: Closed captioning is ONLY available during the scheduled live sessions and will not be available for the recordings on-demand within the virtual conference platform.

- Virtual attendees may submit questions to speakers through the CNCF Slack channel: **#2-Kubecon-sessions**
- Please create a thread and tag the speaker(s) with questions about their talk.
- Questions will be answered by the speaker and/or other community members after the session concludes.

**Thank you to our Session Recording
Sponsor:**





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Enjoy the Session!





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Kubernetes Infra SIG: Intro and Updates

Arnaud Meukam, VMware



Agenda

- Mission
- Updates
- Get involved
- Q&A

- SIG K8s Infra is interested in the successful migration of ownership and management of all Kubernetes project infrastructure from the google.com GCP Organization (or elsewhere) to the community-owned infrastructure.
- Policy definition and enforcement for areas related to project infrastructure
- Reports on infrastructure operations over the different providers used

- SIG Release
 - Ownership of the official system packages
 - Currently packaged and signed by GCP
- SIG Scalability
 - Extend the series of scalability tests to AWS
- SIG Testing
 - Full ownership of the CI toolchain by the community

registry.k8s.io is GA! 🎉

🚧 ❄️ k8s.gcr.io is frozen ❄️ 🚧

More info on
<https://k8s.io/image-registry-redirect>

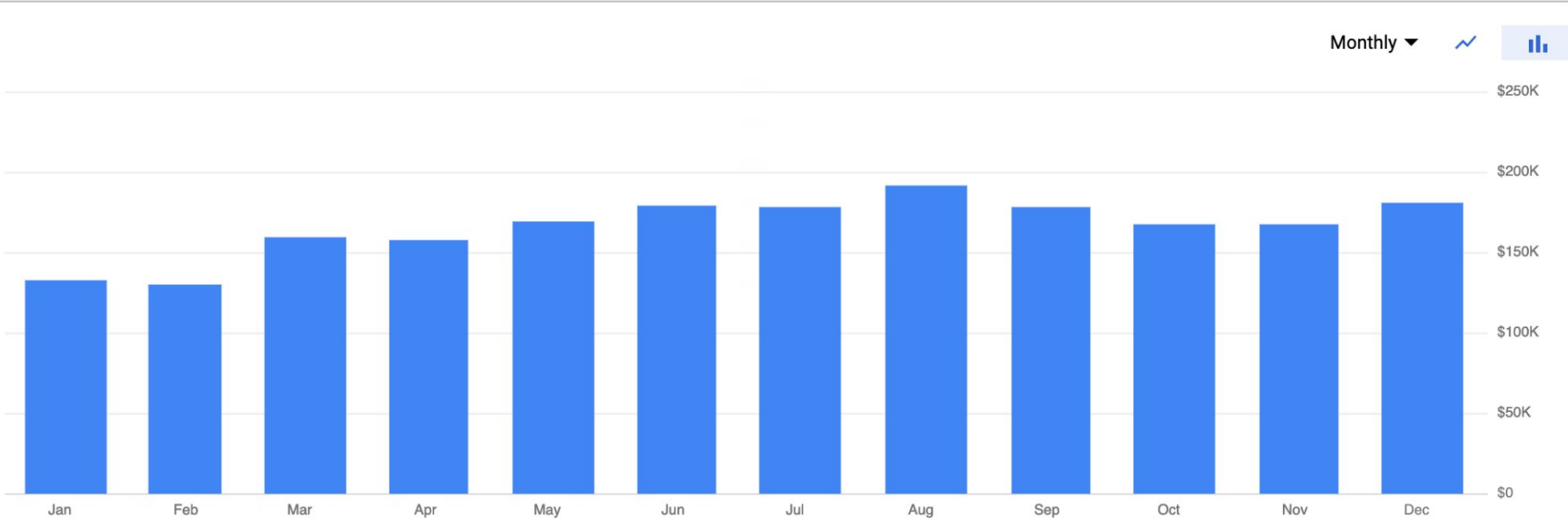
January 1 – December 31, 2022 (total cost) ?

\$1,991,513.80

includes \$0.00 in credits , \$0.00 tax

↑ 83.61%

\$906,888.32 over January 1 – December 31, 2021



↓ DOWNLOAD CSV

Service	Cost	Discounts	Promotions and others	Subtotal
Cloud Storage	\$1,991,513.80	\$0.00	—	\$1,991,513.80

Subtotal

Filtered total ?

\$1,991,513.80

\$1,991,513.80

New container registry

Legacy k8s.gcr.io container image registry will be frozen in early April 2023

k8s.gcr.io image registry will be frozen from the 3rd of April 2023.

Images for Kubernetes 1.27 will not be available in the k8s.gcr.io image registry.

Please read our [announcement](#) for more details.

New container registry

Legacy k8s.gcr.io container image registry will be redirected to registry.k8s.io

k8s.gcr.io image registry will be redirected to registry.k8s.io on Monday March 20th.

All images available in k8s.gcr.io are available at registry.k8s.io.

Please read our [announcement](#) for more details.

New container registry



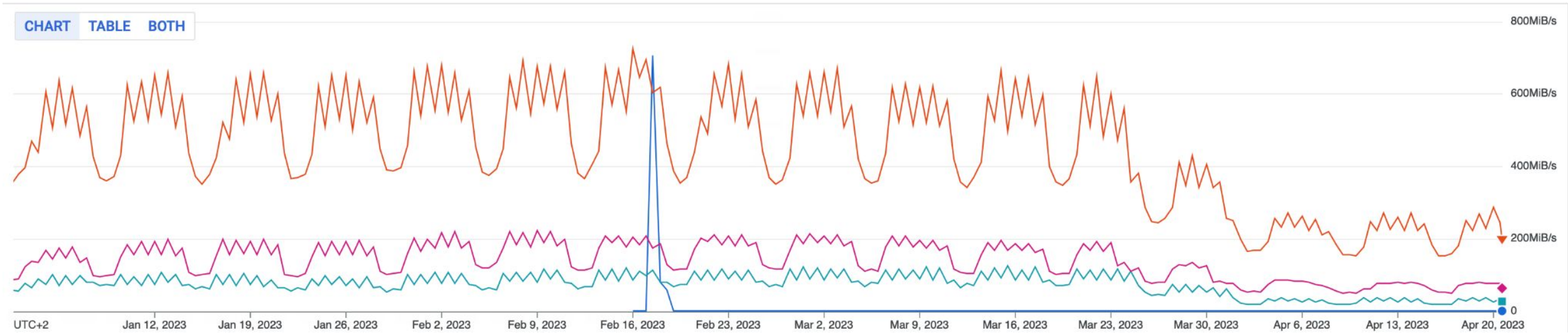
Davanum Srinivas

@dims

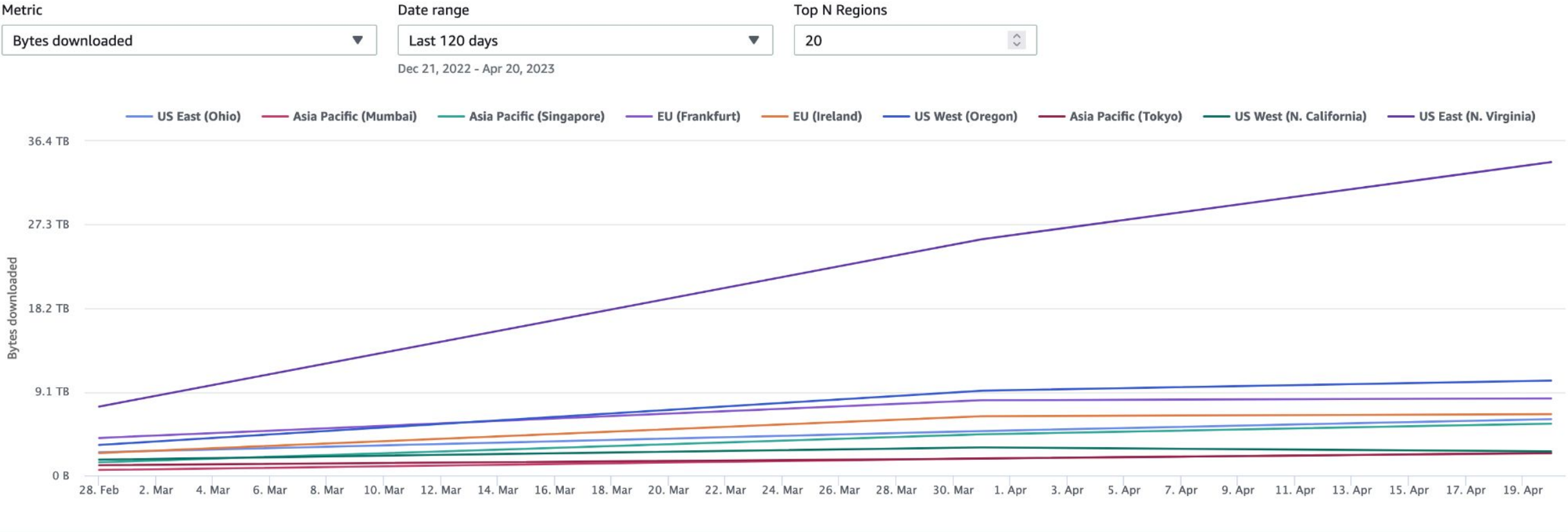


@nctaber just announced that @awscloud will be funding \$3 million dollars in credits for @kubernetesio Infrastructure to @CloudNativeFdn at #kubconNA

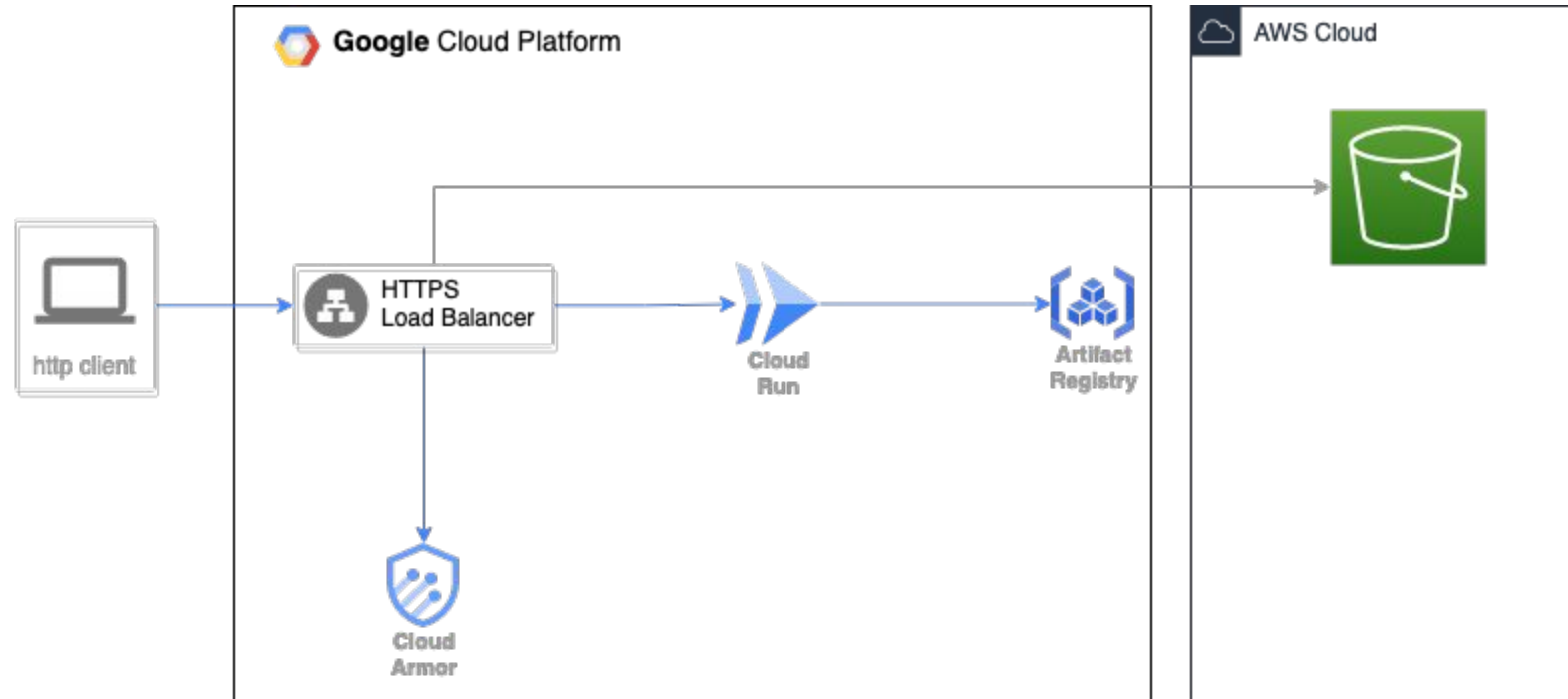
Let's Rejoice! :)



Trend of Regions for Apr 20, 2023



Current architecture



- Binaries
 - kOps
 - CRI tools
- High risk related of being out of budget before 2023
- Leverage the donation made by AWS

Metric

Bytes downloaded ▼

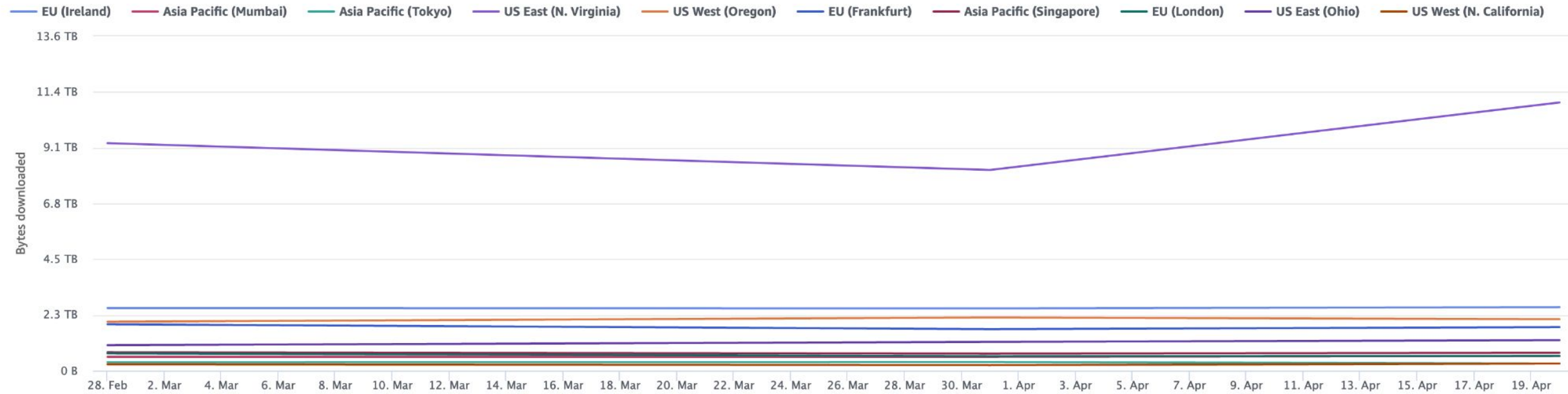
Date range

Last 120 days ▼

Dec 21, 2022 - Apr 20, 2023

Top N Regions

30



What's next ?

- Extending the infrastructure footprint to AWS
E.g. collaboration with CNCF members like
Kubermatic
- Working with third-parties
E.g. Fastly for CDN services

Get Involved!

- SIG Meetings:
 - Bi-weekly on Wednesdays
 - at 22.00 CEST / 12.00 PM PST / 4.00 PM ET
- Charter: <https://bit.ly/sig-k8s-infra>
- Slack: https://kubernetes.slack.com/app_redirect?channel=sig-k8s-infra
- Github: <https://git.k8s.io/k8s.io>
- Email Group: kubernetes-sig-k8s-infra@googlegroups.com



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Q&A



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Thank you!

