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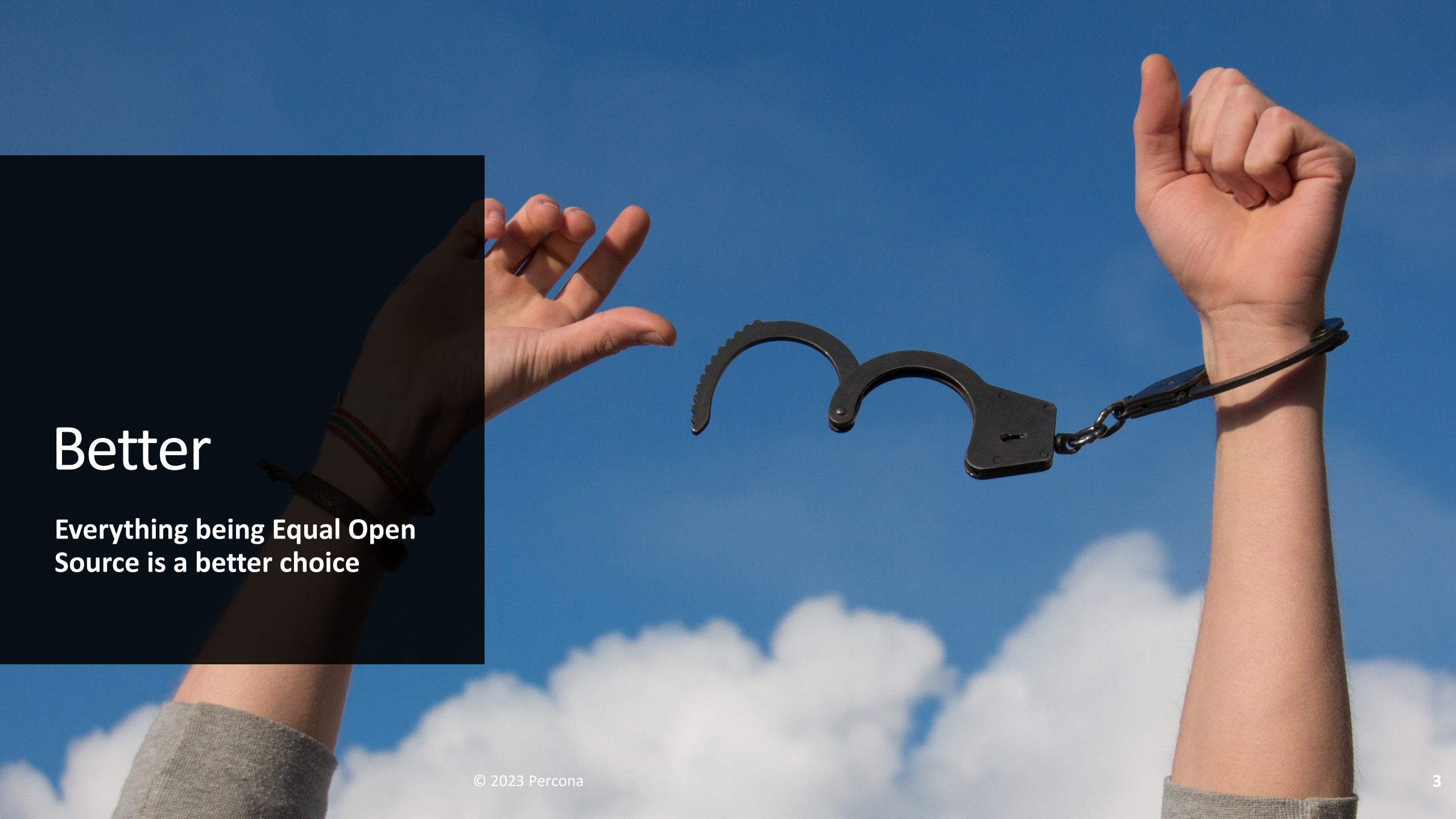
Is Open Source Coming back to your Cloud ?

Peter Zaitsev, Founder at Percona
4 Feb 2023

My Prospective

- **Involved in Open Source since late 1990s**
- **Early Staff member of MySQL AB**
- **Founder, until recently CEO at Percona**
- **Investor, Advisor, Mentor in Open Source Businesses**
- **Open Source Advocate**



Better

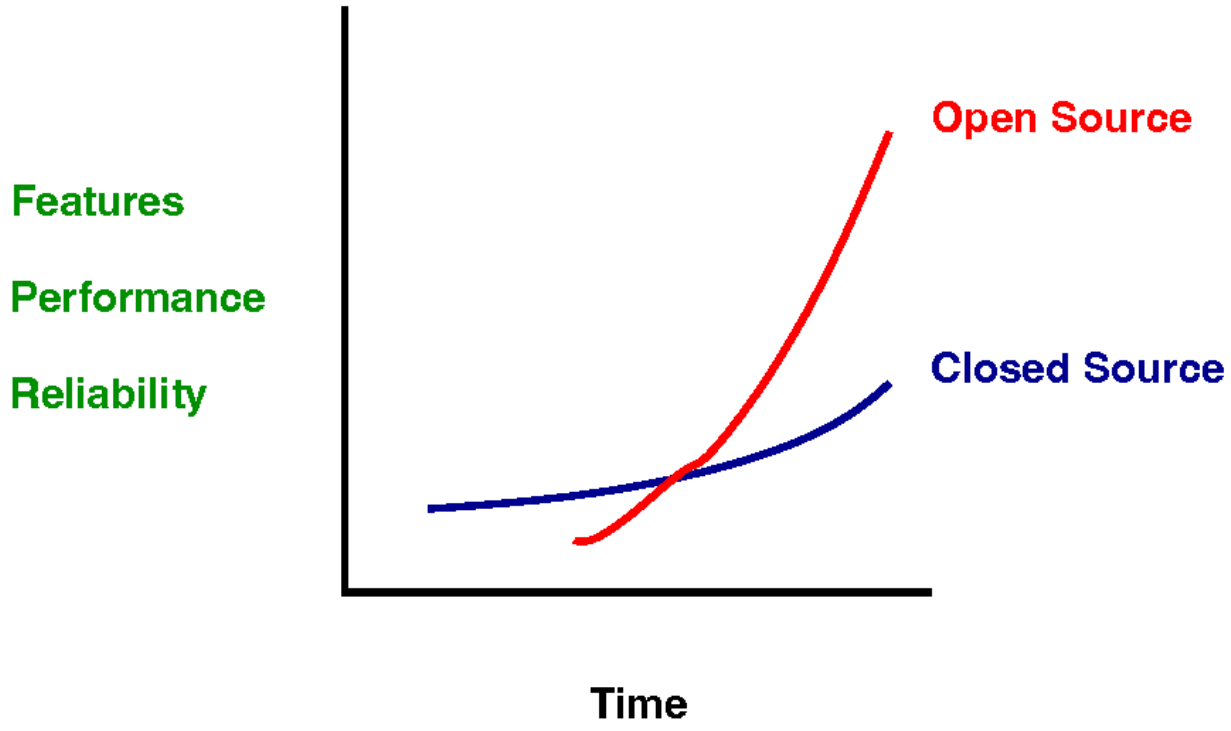
Everything being Equal Open Source is a better choice

Investment

It is smarter to invest in your resources in making Open Source better rather than paying for Proprietary Software

Open Source and Proprietary

Rise of Open Source



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https://momjian.us/main/writings/pgsql/forever.pdf

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Operating Systems

Have We Been Here Before?

2000s

2020s

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Open Source in the Cloud

But do not Cloud Vendors just make Open Source Easier ?

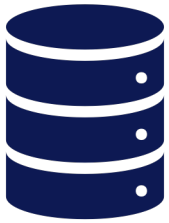
Old Strategy

“Embrace, extend, and extinguish”

Usability and Ease of use

New Frontier for the competition

Software Explosion



Data Explosion

Do More with Less (skills)

Reasons

Cloud only Skills

Increasingly “Open Source Experts” have only Managed Cloud Solutions Skills

Cloud Vendor Push

1

Using their Proprietary or Managed solutions as Best Practice

2

Increasing Price Difference for such Managed Solutions

3

Embracing Scaling by Credit Card

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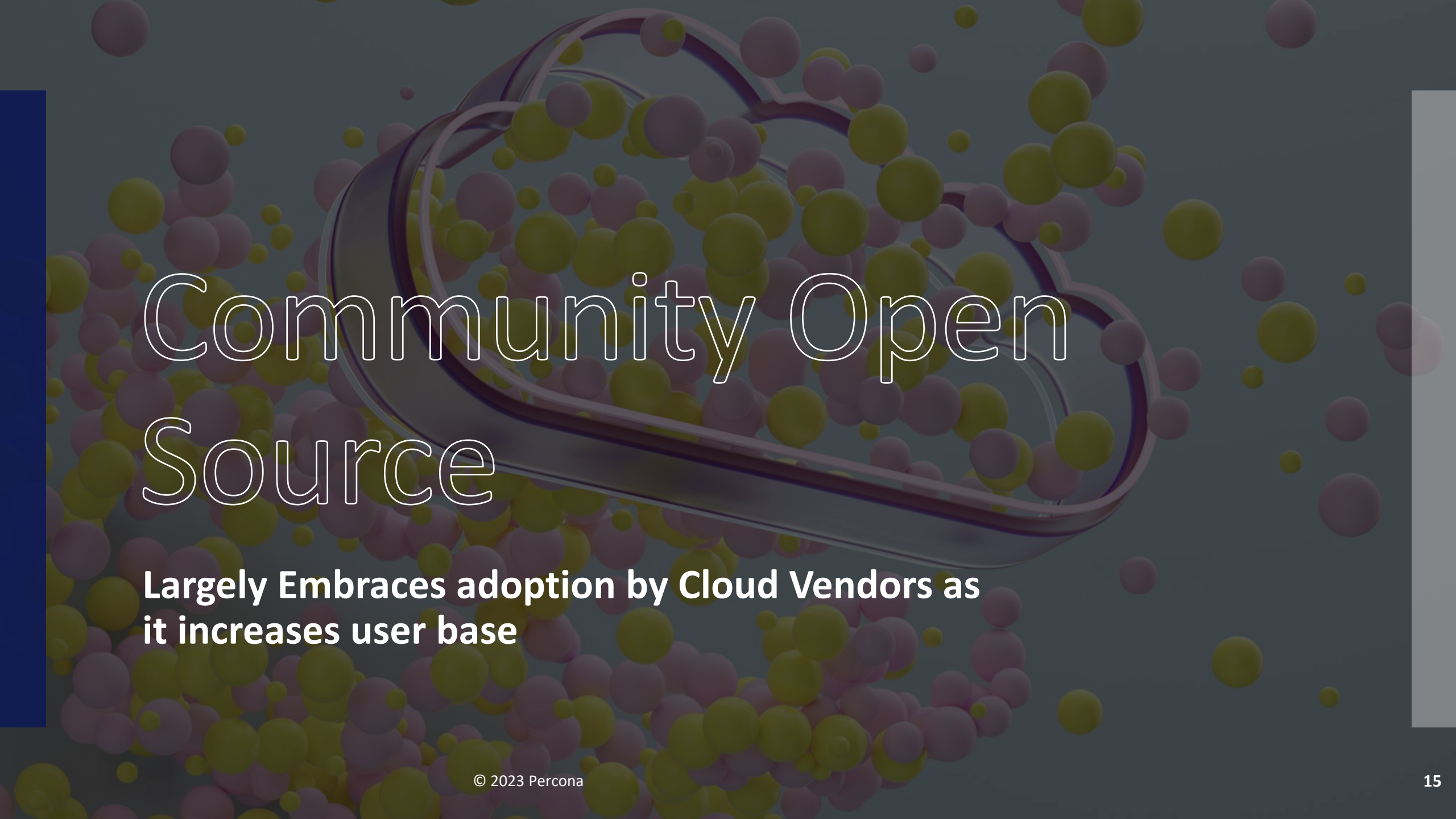
Venture Funded Open Source

Often Abandon Open Source Licenses to ~~Create Monopoly~~ Protect themselves from Unfair Competition from the Cloud.



Community Open Source

Largely Embraces adoption by Cloud Vendors as it increases user base

Focus on last decade was growth at any cost

Pushing as much on third parties (Cloud Vendors) makes sense

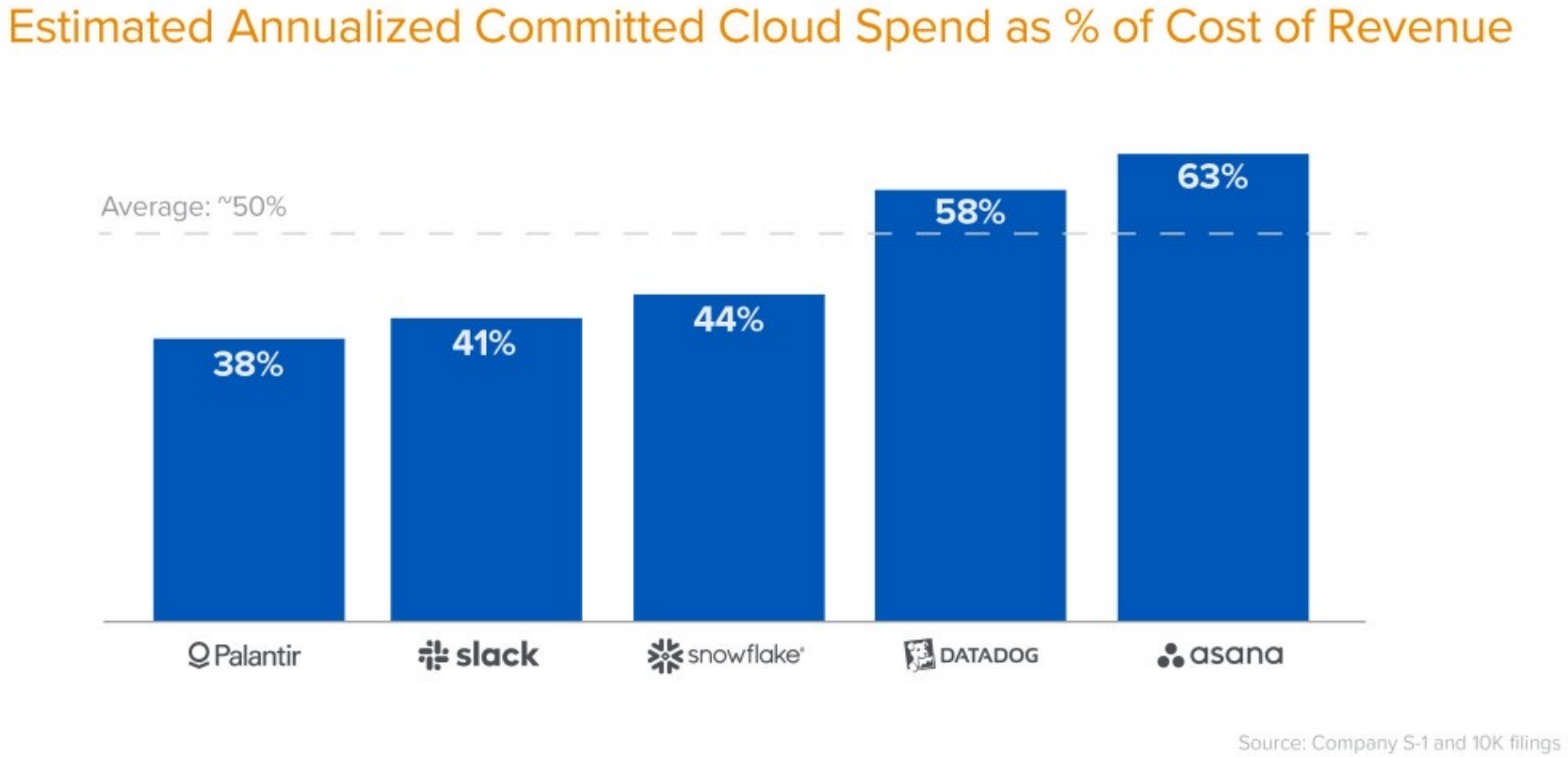
No resource to put on Open Source requiring “elbow grease”

Growth at any Cost

Subsidized Cloud

First does of Heroin is Free

Things are Changing



https://a16z.com/2021/05/27/cost-of-cloud-paradox-market-cap-cloud-lifecycle-scale-growth-repatriation-optimization/

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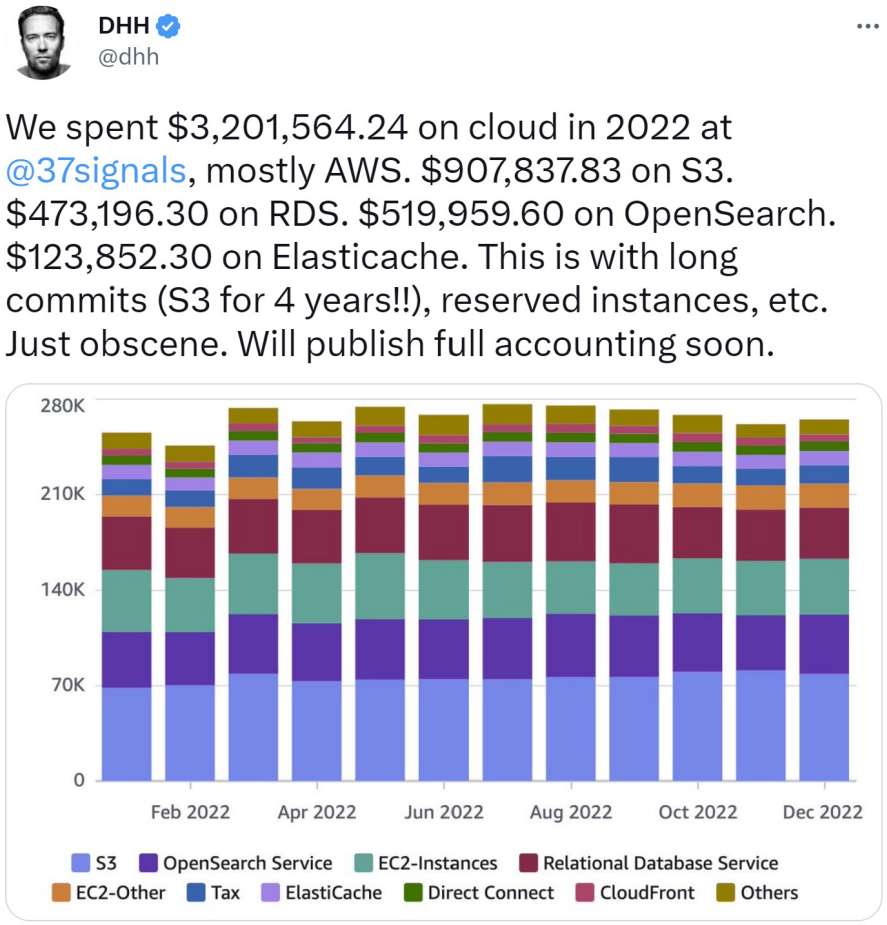
37Signals leaving the cloud



https://twitter.com/dhh/status/1613508201953038337

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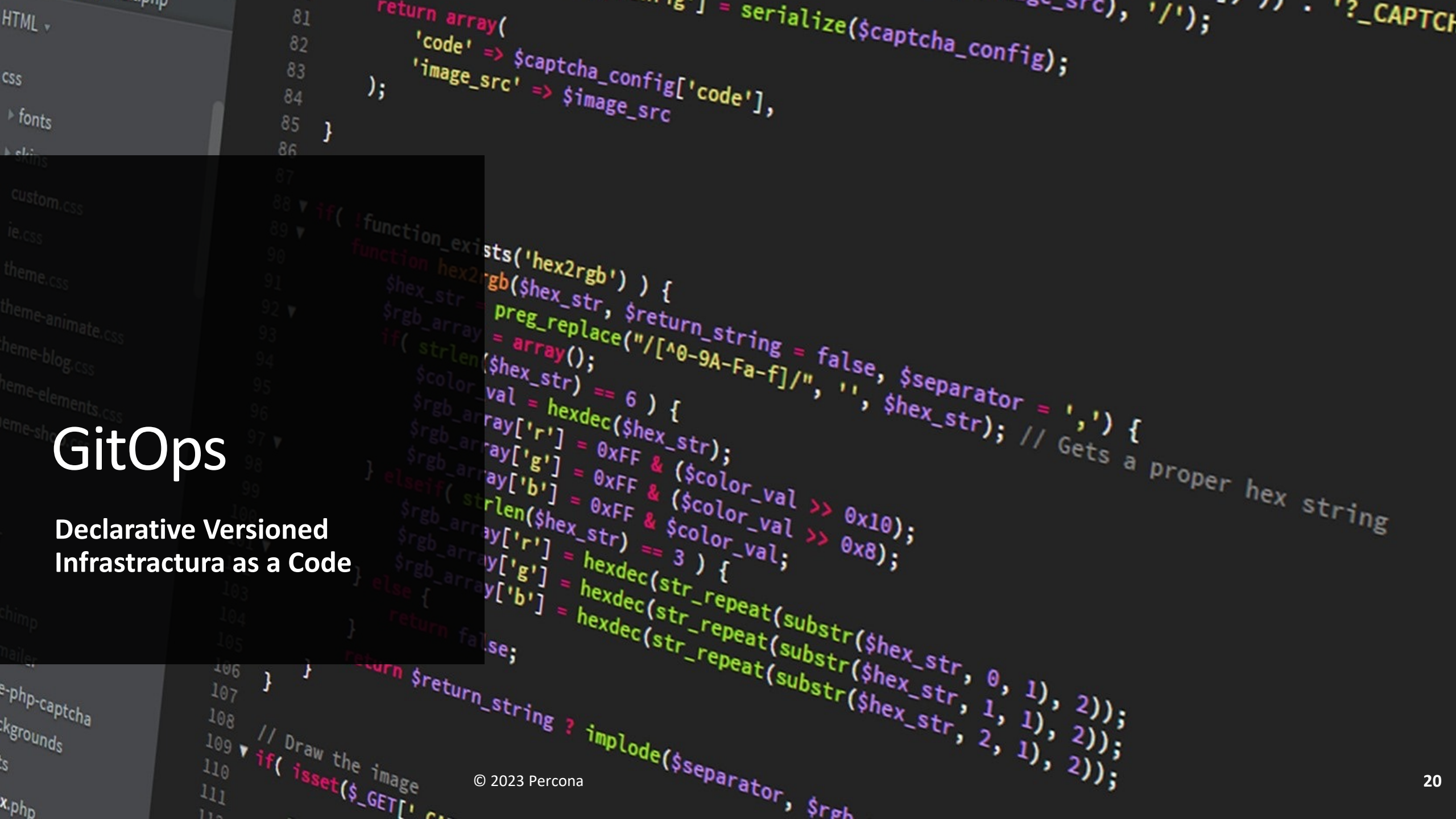
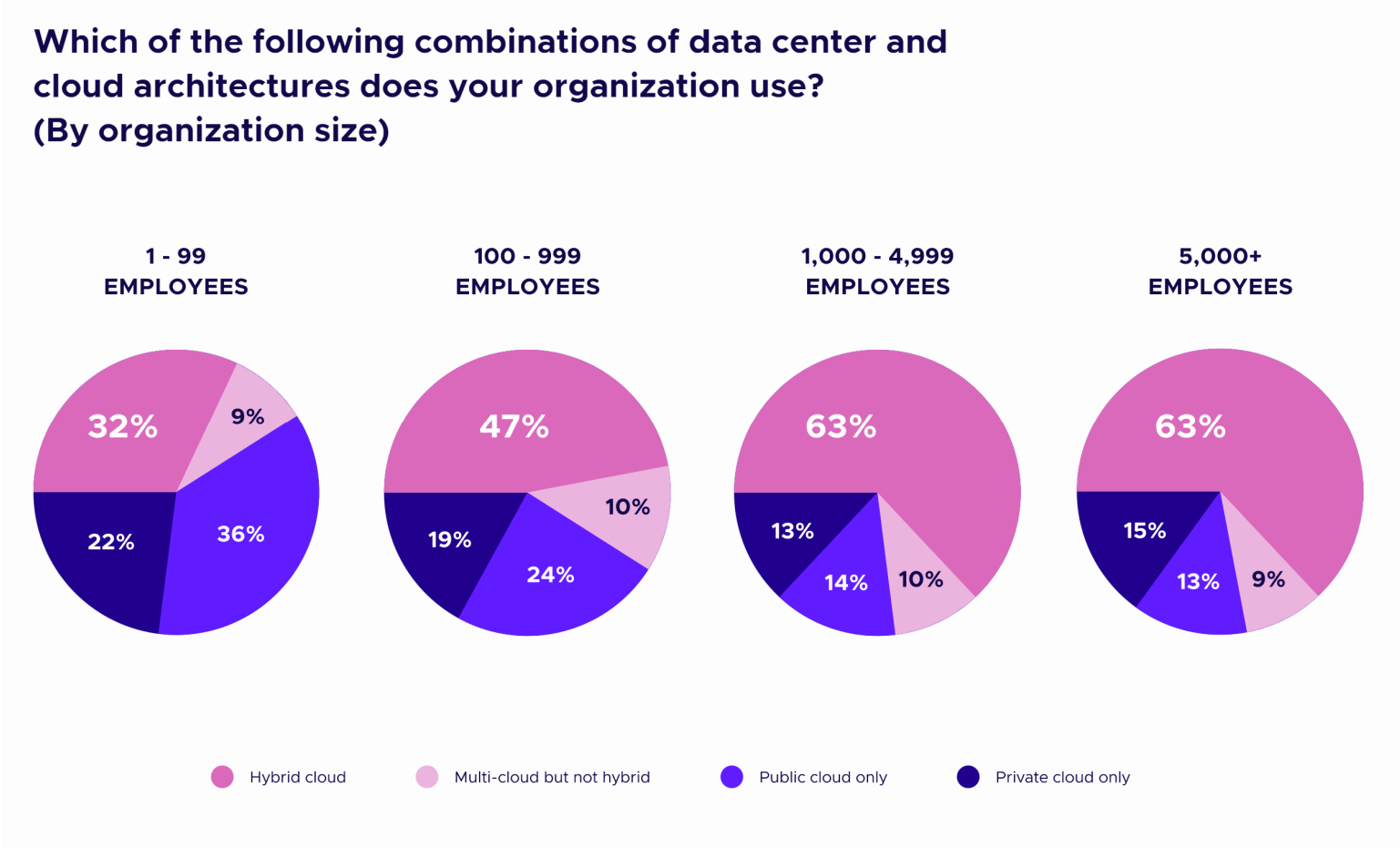


GitOps

Declarative Versioned Infrastractura as a Code

Hybrid Cloud



https://www.cncf.io/reports/cncf-annual-survey-2022/

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Open Source Catches Up Again

- **Lock-in with Cloud Vendor**
- **Use Proprietary Solutions**
- **Highly Differentiated Cloud**

- **Freedom to Run Anywhere**
- **Use Open Source**
- **Cloud Is Commodity**
- **Customer**
- **Choice of Vendors**

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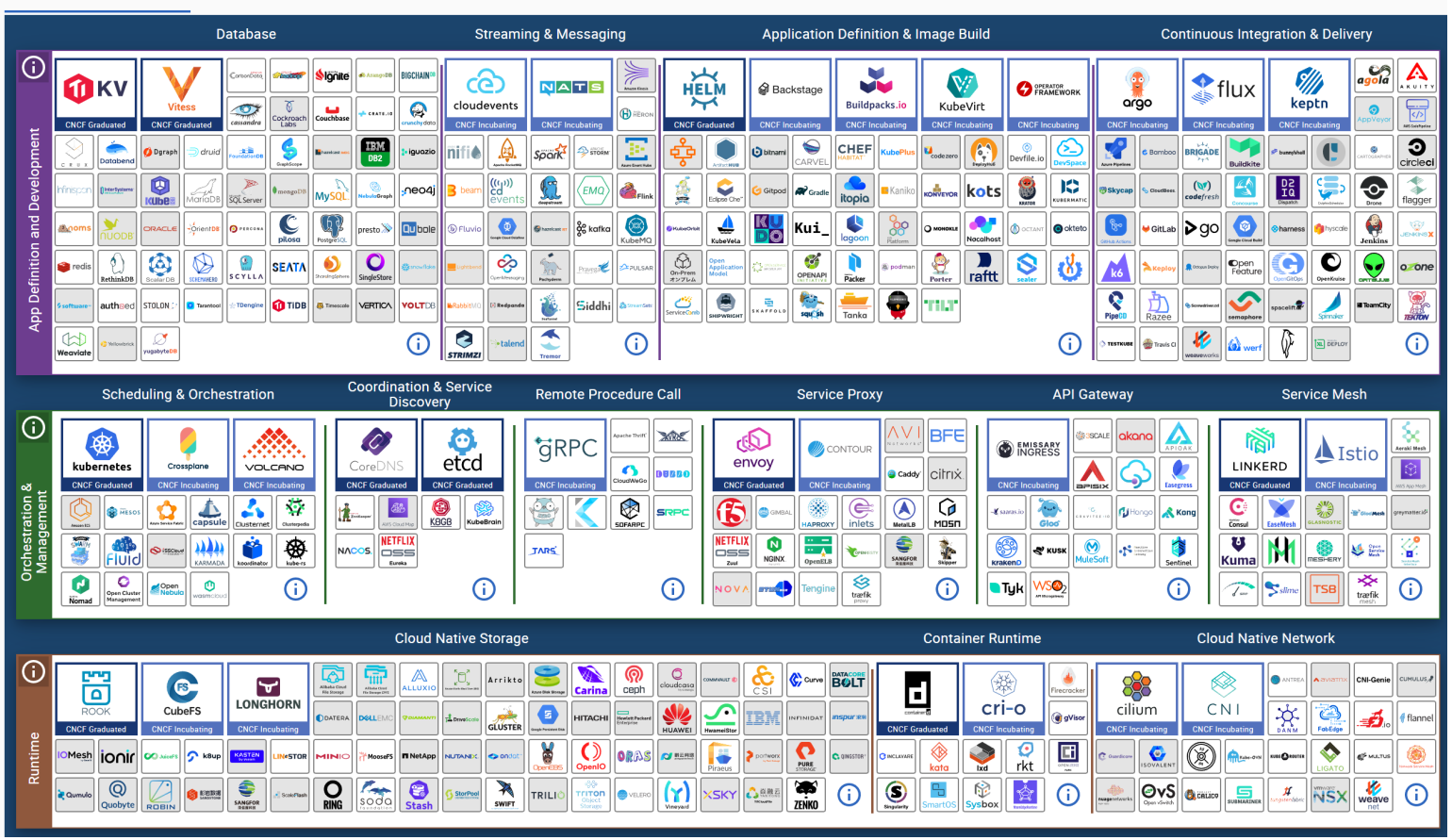
Cloud Native is Going Strong



https://landscape.cncf.io/

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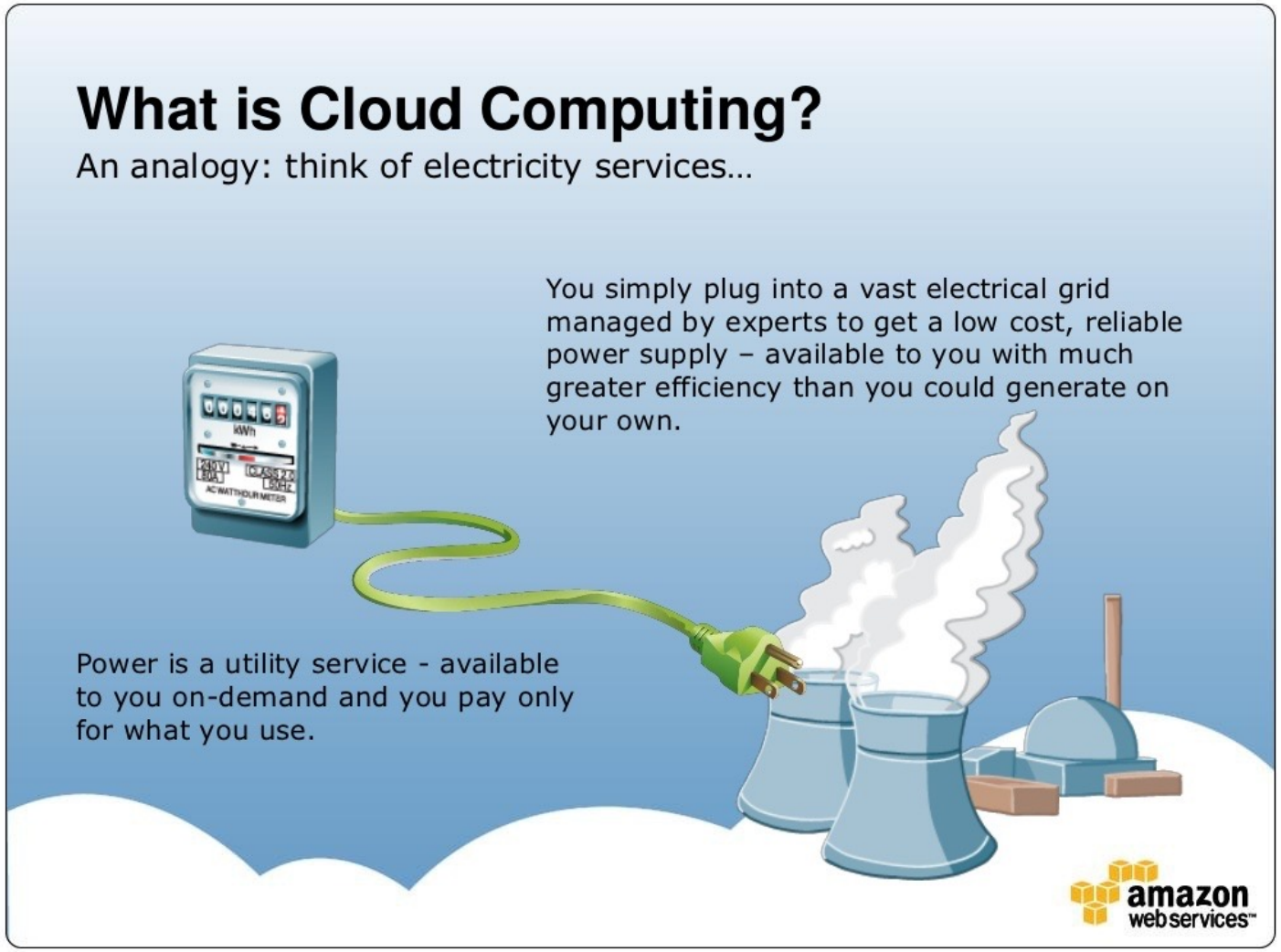
Giving Cloud Its Originally Intended Role of Commodity Infrastructure



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Your Choice of Cloud

Cloud of Serfdom

Use a lot of Proprietary Features of your cloud vendor

Cloud of Freedom

Use Cloud Vendor as Commodity, Use Open Source

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Smart API – Kubernetes

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Getting Better

DOK Community

Dok Community

https://dok.community/

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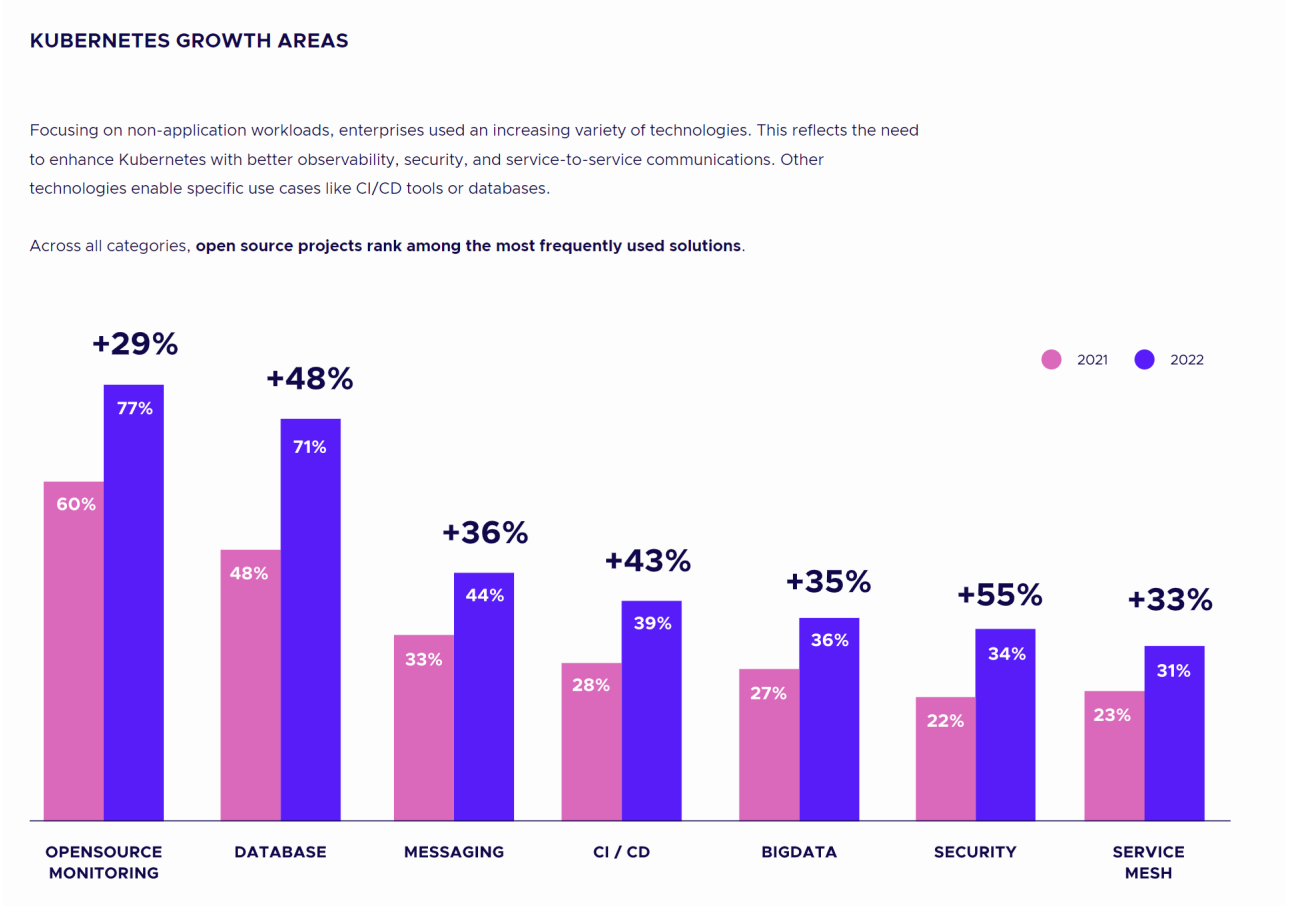
Adoption Areas



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Kubernetes Powers many DBaaS

Altinity

influxdata

MariaDB

crunchy data

planetscale

BIGANIMAL
Powered by EDB

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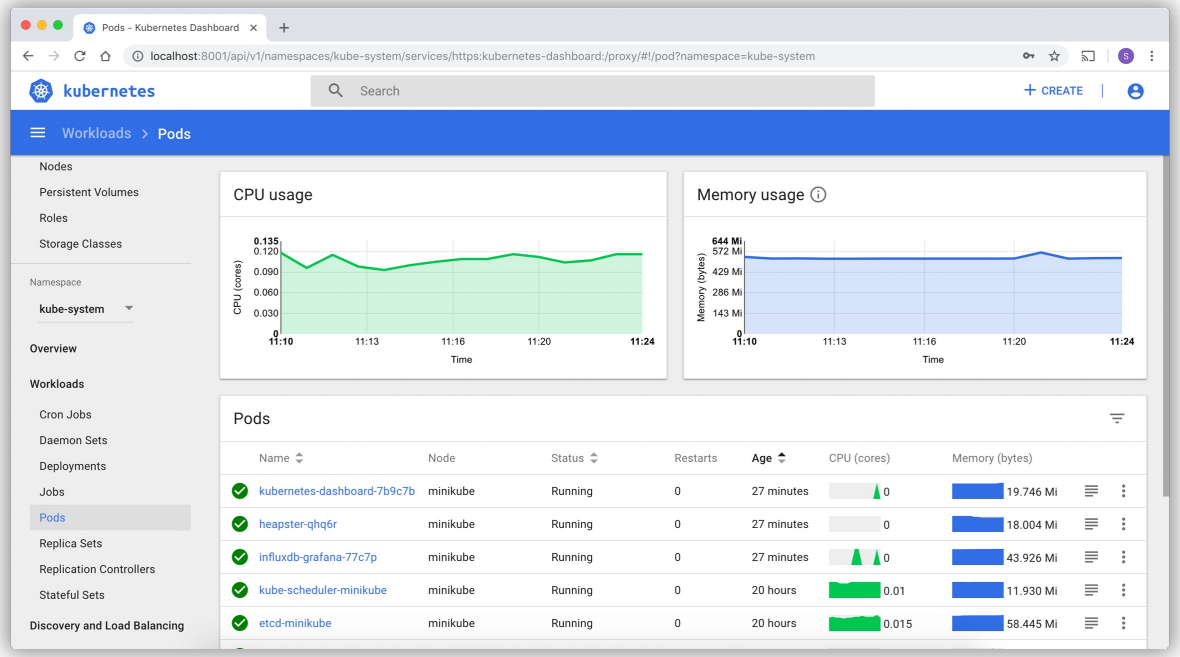
Anywhere

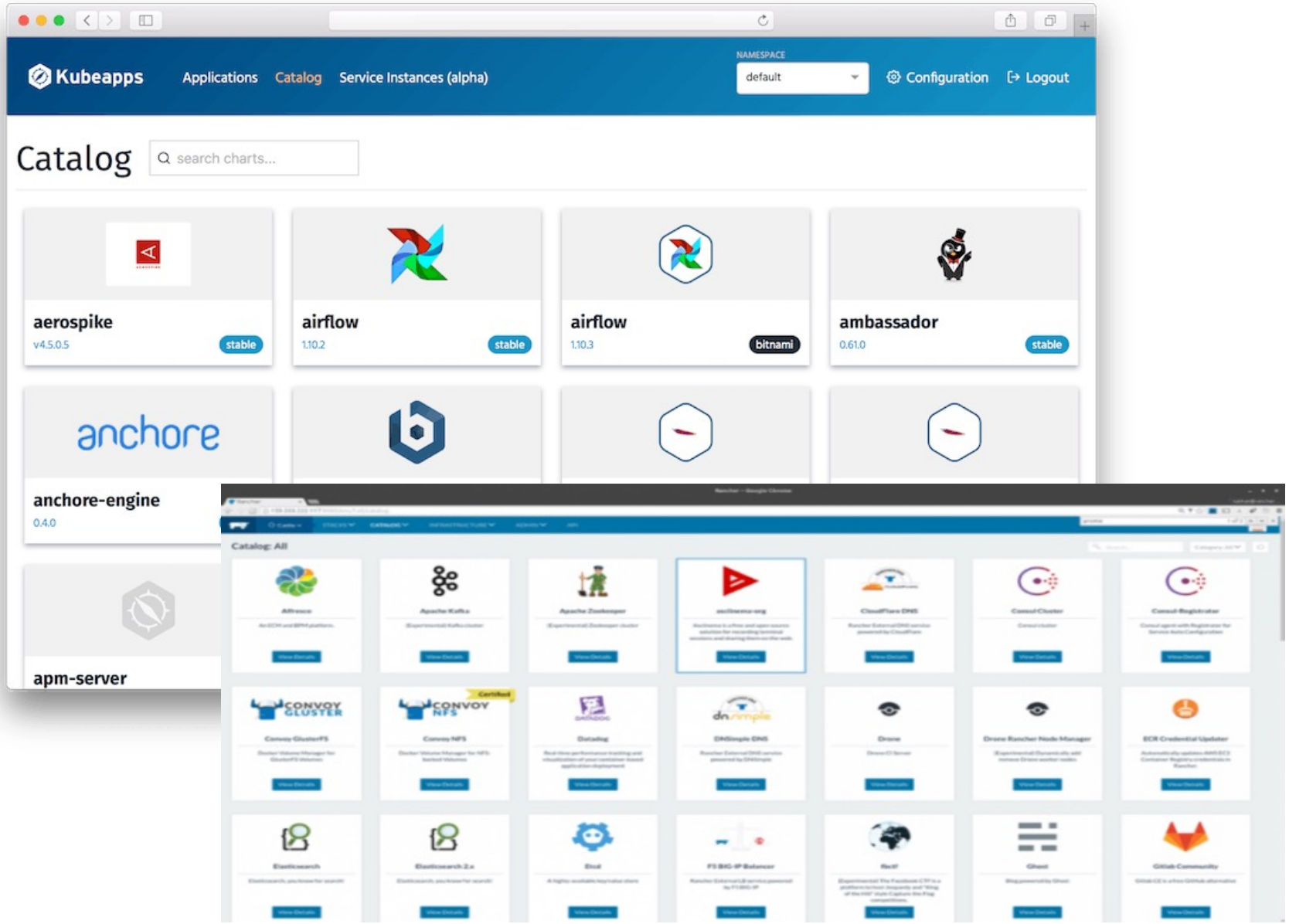
Lightweight Kubernetes

The certified Kubernetes distribution built for IoT & Edge computing



Dashboard

Applications



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BETTER INTEGRATIONS

BETTER USABILITY

DAY 2 OPERATIONS

Next

1

Embrace Open Source in the Cloud

2

Invest in Making it Better

3

Spread the Word

Call for Action

Thank you, Let's Connect!

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