FullStackS

SOLUTION BRINGER

WeAreDevelopers

4 years of building k8s platforms

CLOUD NATIVE COMPUTING FOUNDATION

splunk> a CISCO company

EXOSCALE Partner

TRACK RECORD

GRENKE · ERSTE Digital · Deutsche Leasing · DB Systel GmbH · ÖBB · SWEG · REWE · SwissSign · SwissLife · SFS · HEXAGON · Magenta · LIEBHERR · MHK · Red Bull · SMATRICS · chargepoint · ZEP · uptraded · greentube · twinformatics · Berliner Wasserbetriebe · VIE

COMPANY OVERVIEW

Founded 2020 - 100% owner managed

Fast growing cloud-native consultancy

Highest level of expertise with skilled team

Full-Spectrum Digital Service Provider to realize your Kubernetes ambitions

Technology Focus DevOps & Cloud Native, Infrastructure as Code, Kubernetes, Full Stack Observability

REGIONS

TRACK RECORD

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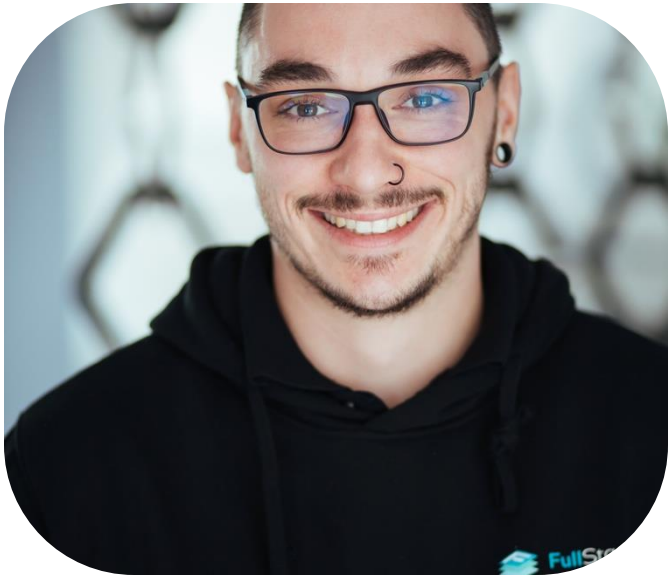


Daniel Drack
/in/drackthor
daniel@drackthor.me

Senior DevOps Engineer
@ FullStackS

Organizer / Host
CNCG Graz + CND Austria

I ❤️ 🙋‍♀️ 🐱 🏋️ 🍺 🎸 🤘

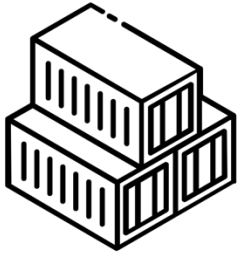
BSc MA MBA
Kubestronaut, TFA, VA, GitLab, PSM I, Snyk

Cloud Native Platform?

Cloud native technologies empower organizations to build and run **scalable applications** in **modern, dynamic environments** such as **public, private, and hybrid clouds**. Containers, service meshes, microservices, immutable infrastructure, and declarative APIs exemplify this approach.

These techniques enable **loosely coupled systems** that are **resilient, manageable, and observable**. Combined with robust **automation**, they allow engineers to make high-impact **changes frequently and predictably** with minimal toil.

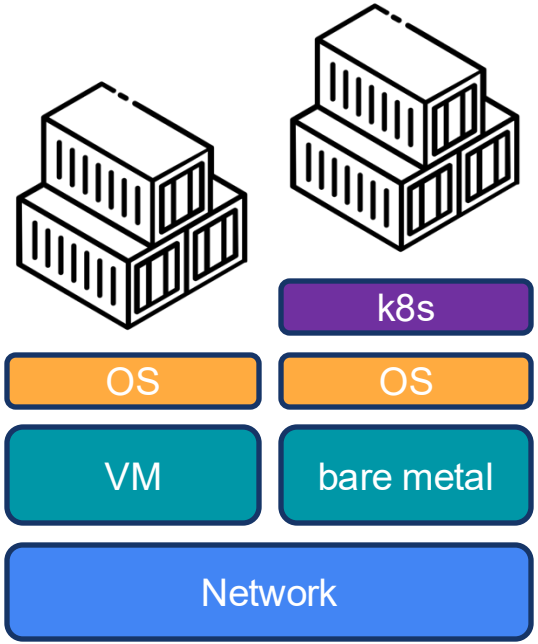
→ CNCF: cncf.io/about/who-we-are

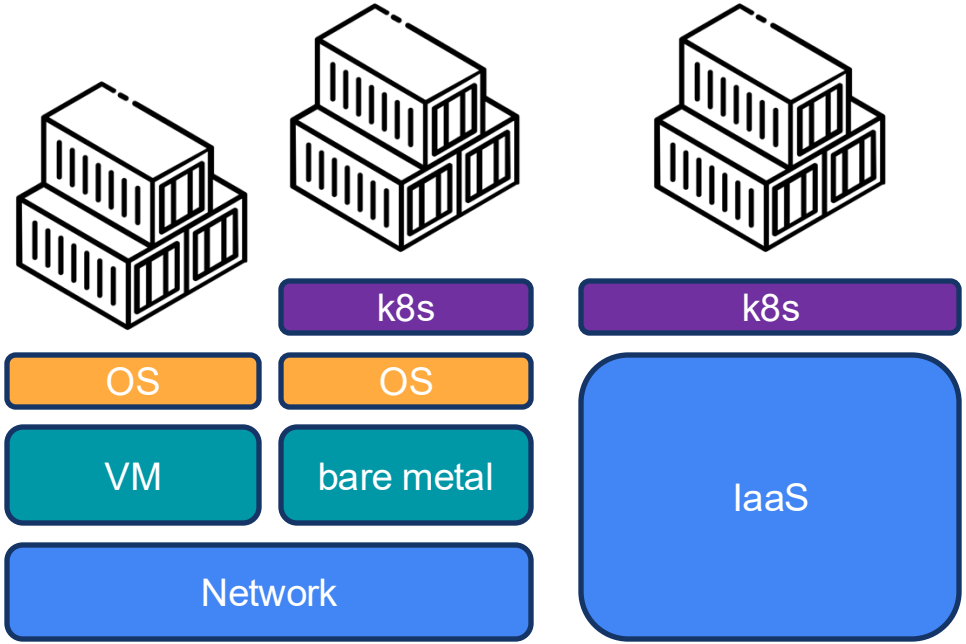


OS

VM

Network


k8s
OS
OS
VM
bare metal
Network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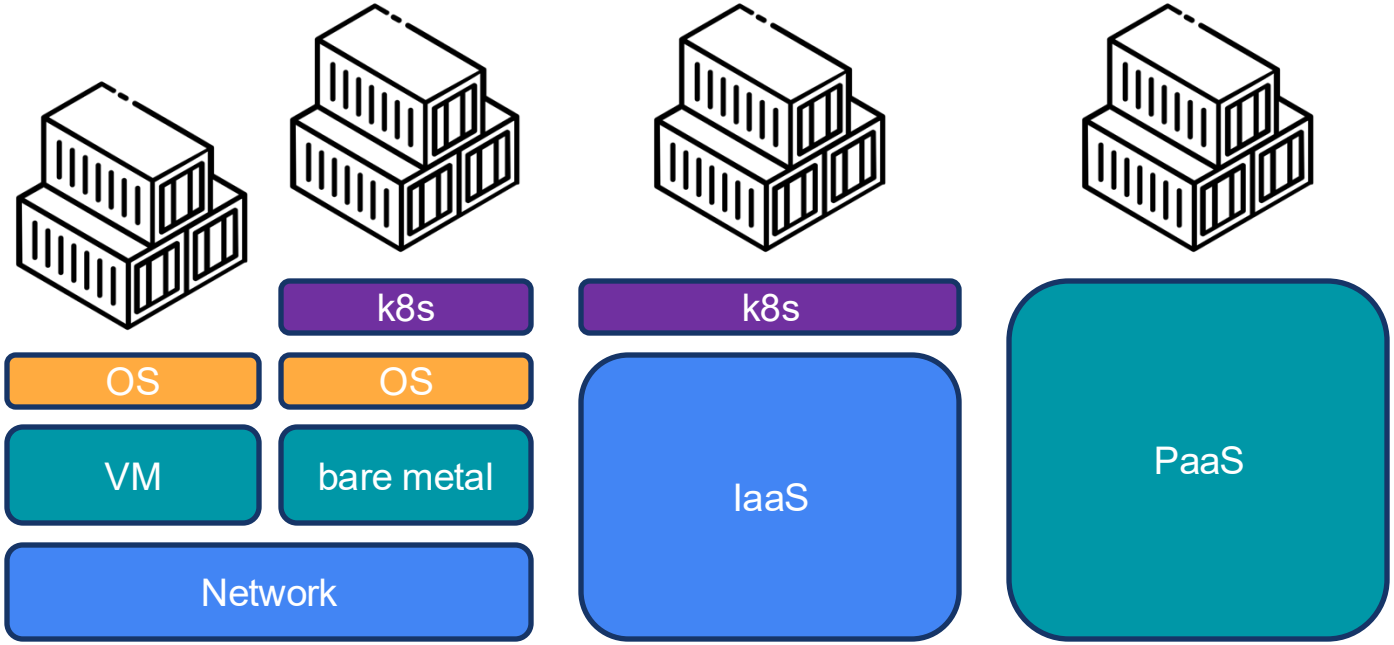

k8s
OS
OS
VM
bare metal
Network
k8s
IaaS
PaaS

Definitely

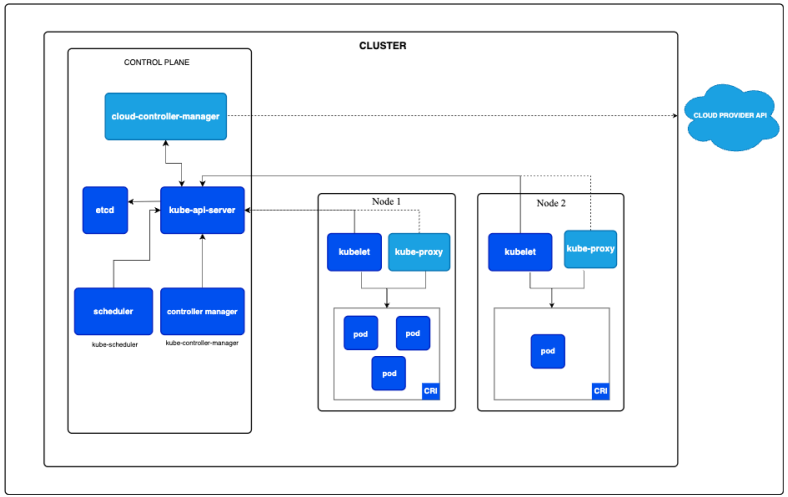
Probably

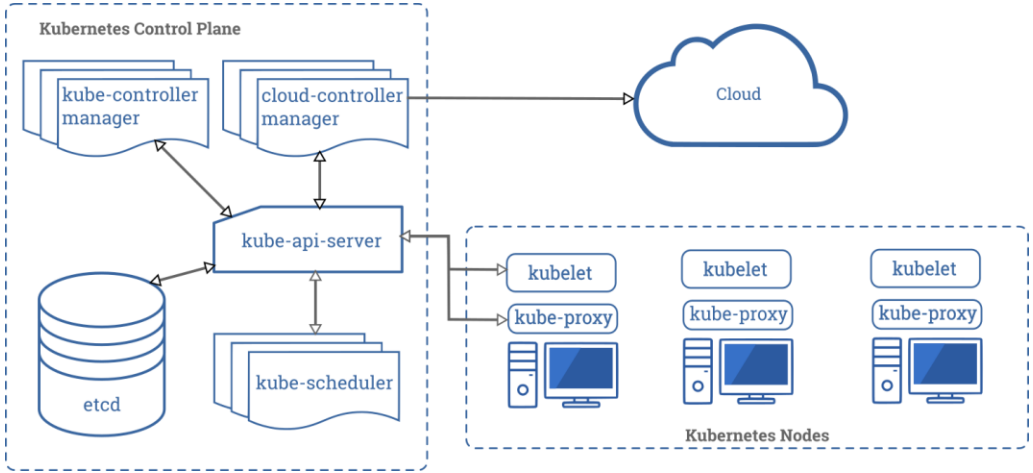
Definitely

Occasionally

Probably

Definitely





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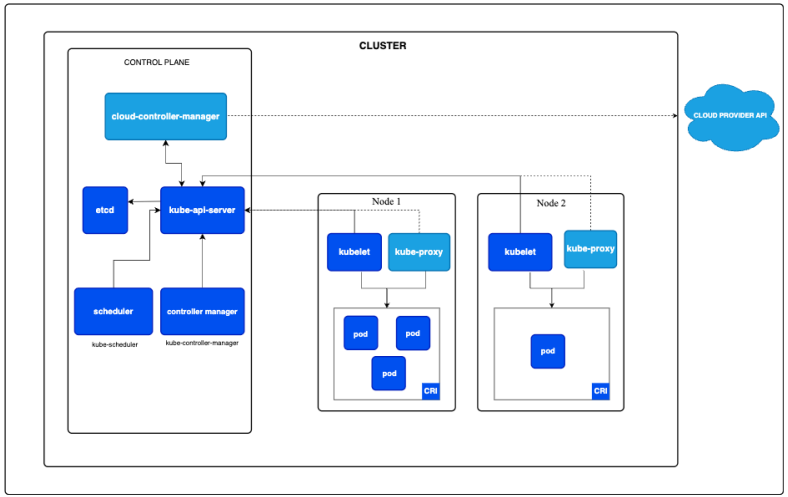
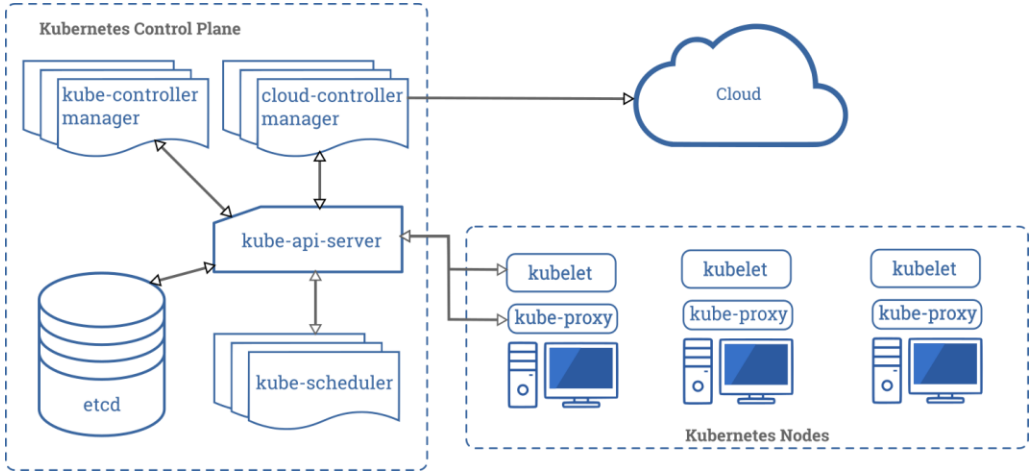
2025



2020



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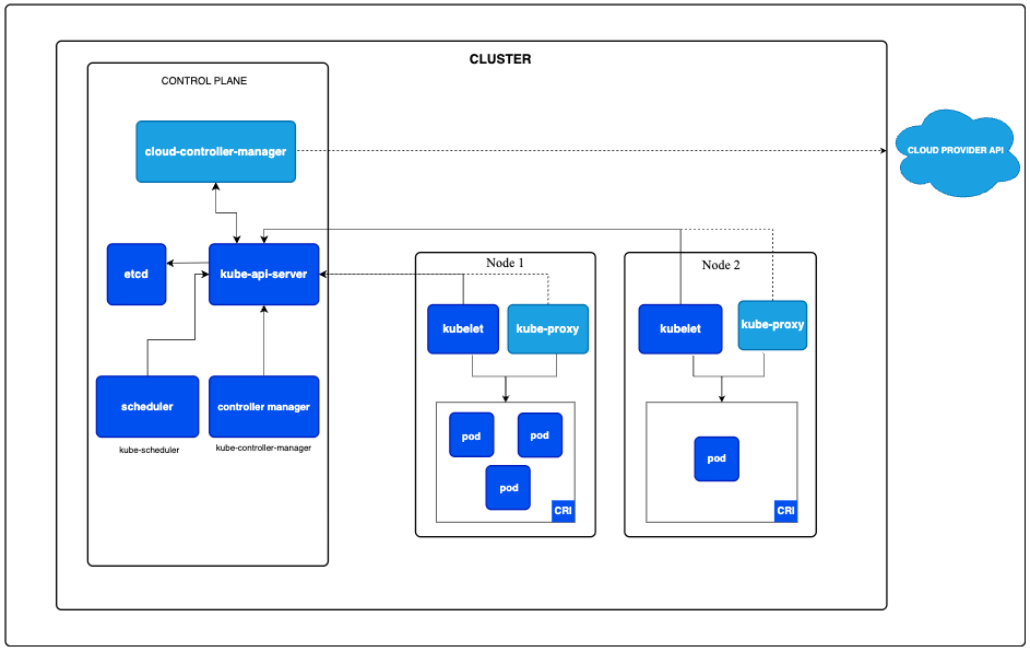

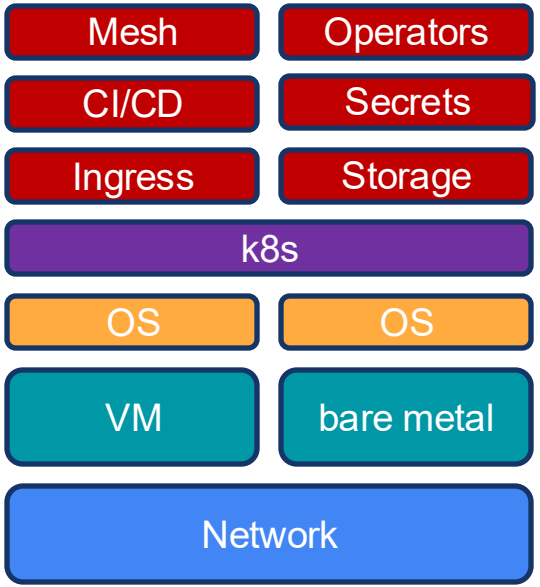

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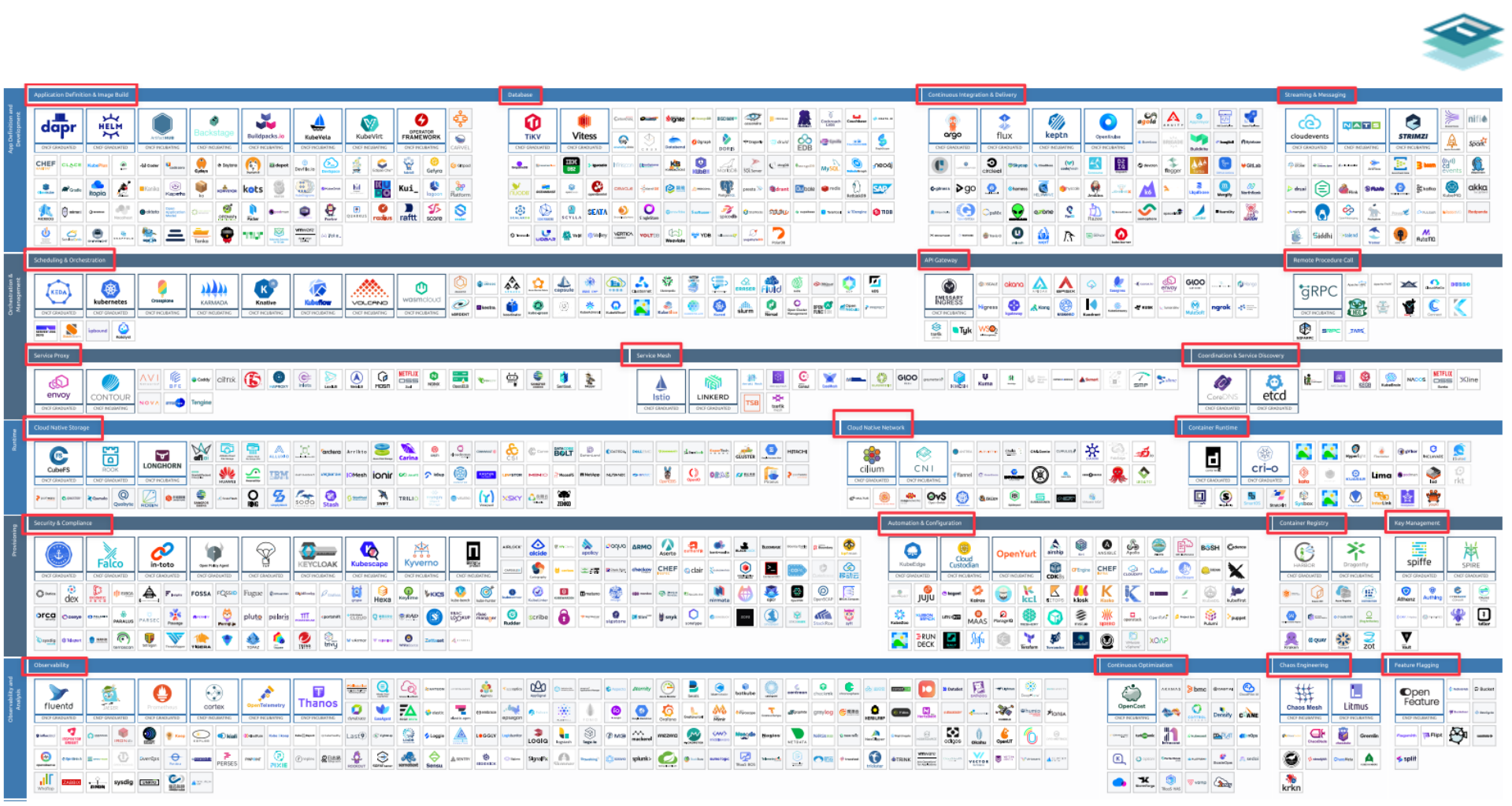

https://landscape.cncf.io/

231	16	31	36	148
TOTAL	(6.93%) ARCHIVED	(13.42%) GRADUATED	(15.58%) INCUBATING	(64.07%) SANDBOX

https://landscape.cncf.io/stats accessed 23.6.2025 3pm

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Tech

manually built sandbox

manually built sandbox

free as code

manually built sandbox

free as code

enterprise as code

manually built sandbox

free as code

enterprise as code

🙋 my top 3 „cloud native“ questions..

my top 3 „cloud native“ questions..

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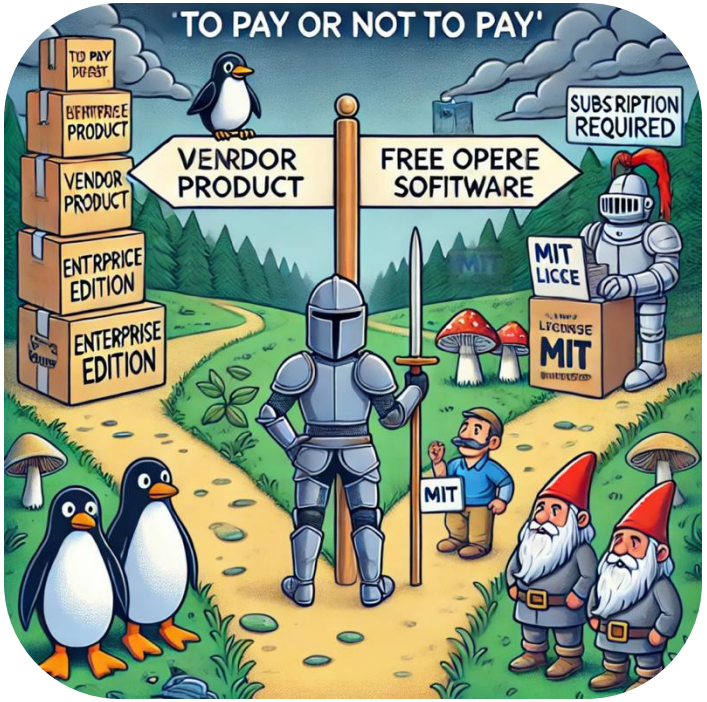
- Really need state?
- Got a good DBA team?
- Managed Service?
- Can you do it better?

my top 3 „cloud native“ questions..



my top 3 „cloud native“ questions..

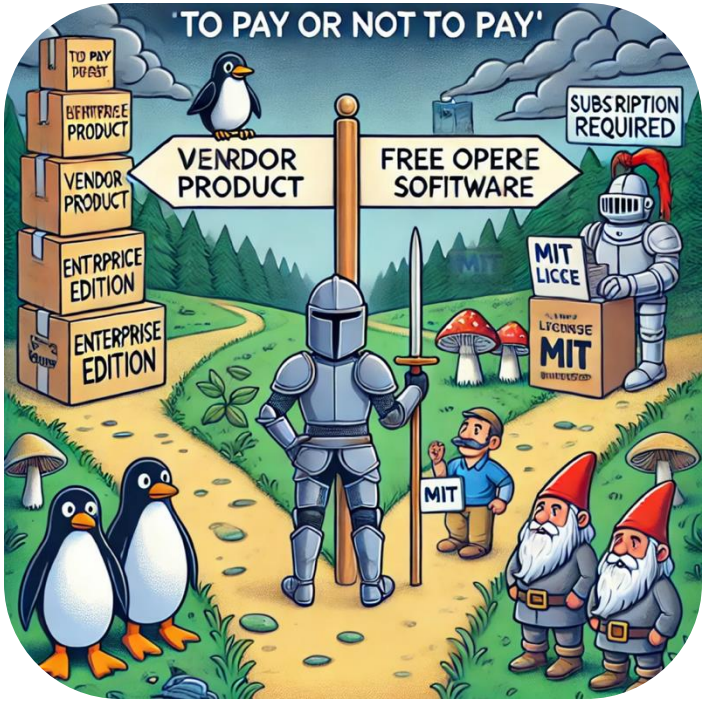
Alexis Richardson · 2nd
CEO/Founder -- HIRING creative frontend and backend buil...
1yr · Edited · + Follow ···

Hi everyone

I am very sad to announce - officially - that Weaveworks will be closing its doors and shutting down commercial operations. Customers and partners will be working with a financial trustee whom we shall announce soon.

Founder & CEO
Weaveworks · Full-time
Jul 2014 - Dec 2023 · 9 yrs 6 mos

Weaveworks is where we invented GitOps and created FluxCD among many other tools. We provided commercial and open source solutions for managing Kubernetes applications. The largest companies and cloud providers in the world used our tech to deploy applications, accelerate CICD and manage fleets of Kubernetes clusters across multiple clouds, virtual, metal and edge environments.



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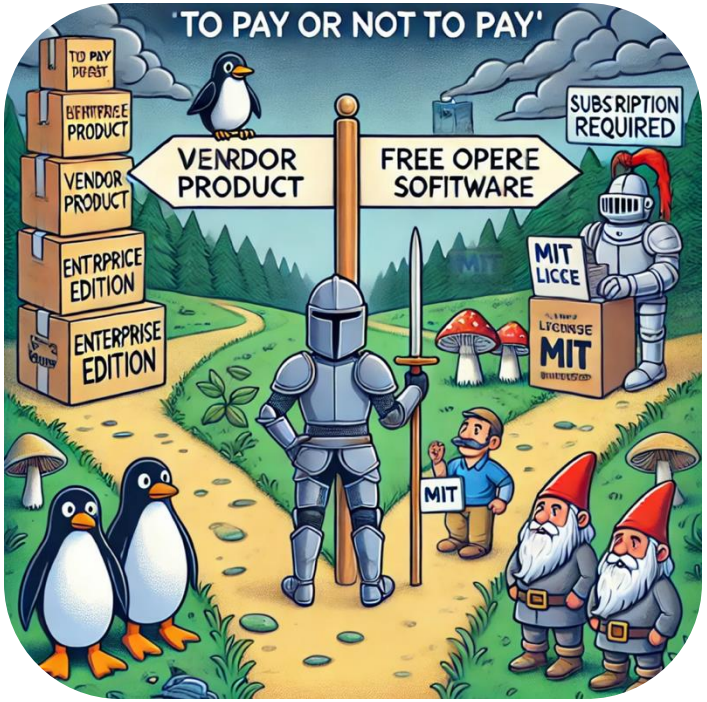
rkt

[Project ended] rkt is a pod-native container engine for Linux. It is composable, secure, and built on standards.

VISIT PROJECT WEBSITE



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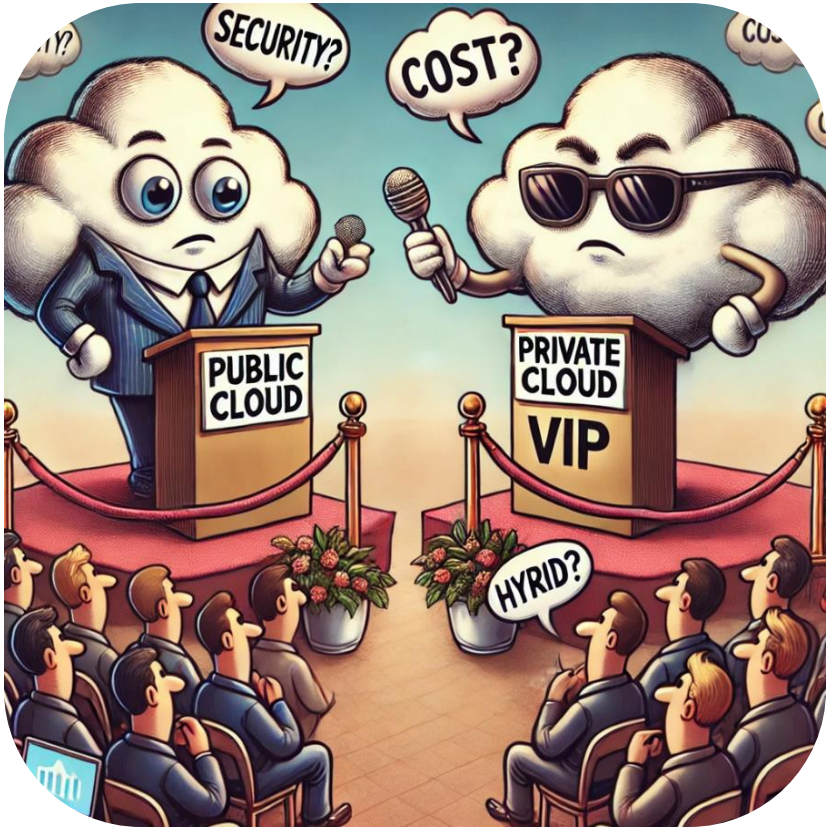

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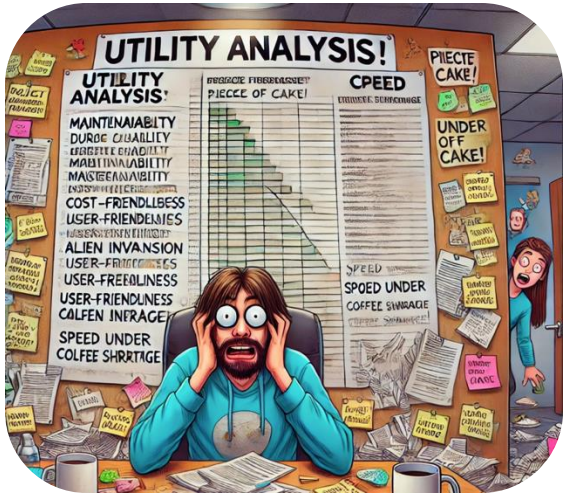

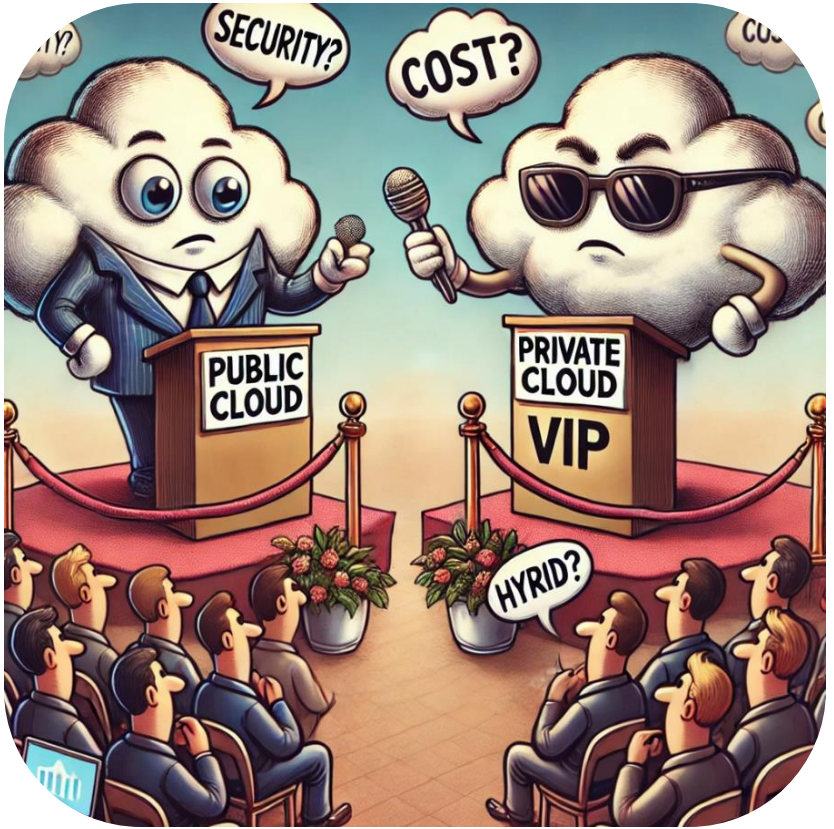

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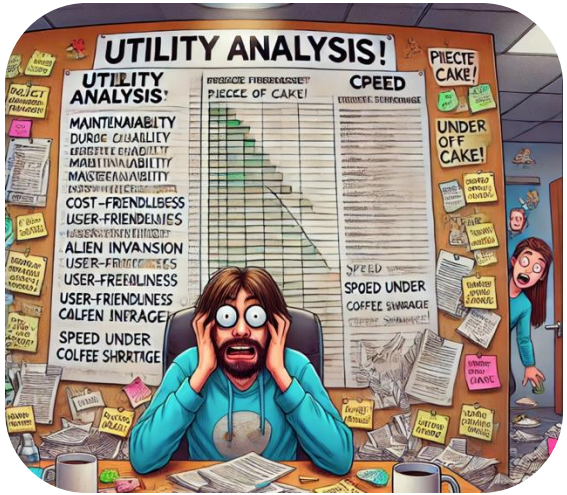
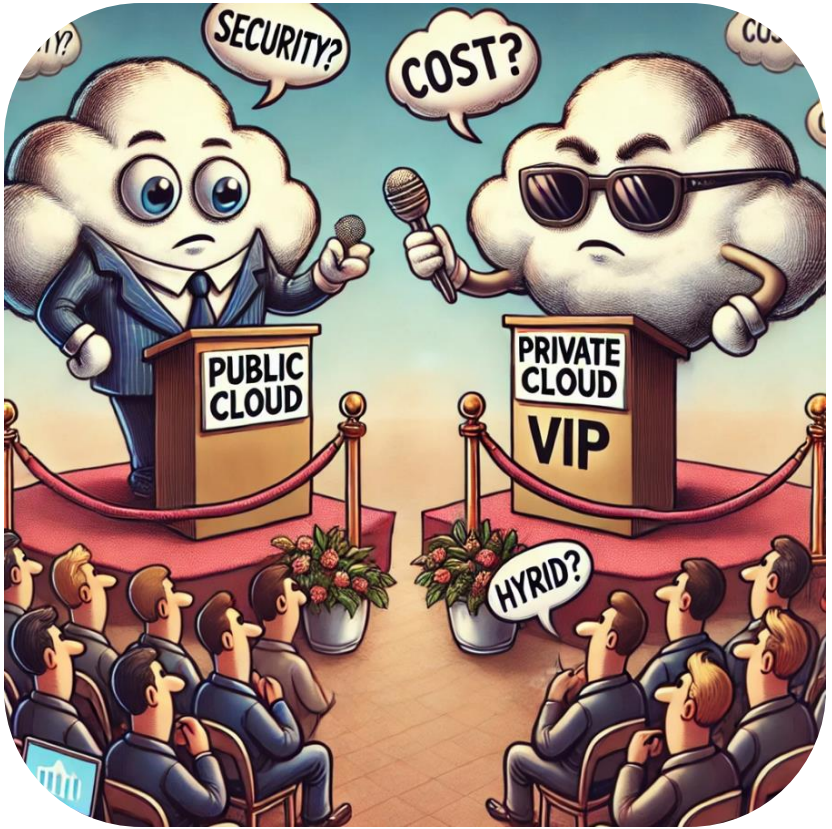




Rule of 👍:

Small company → Public

Enterprise → Hybrid

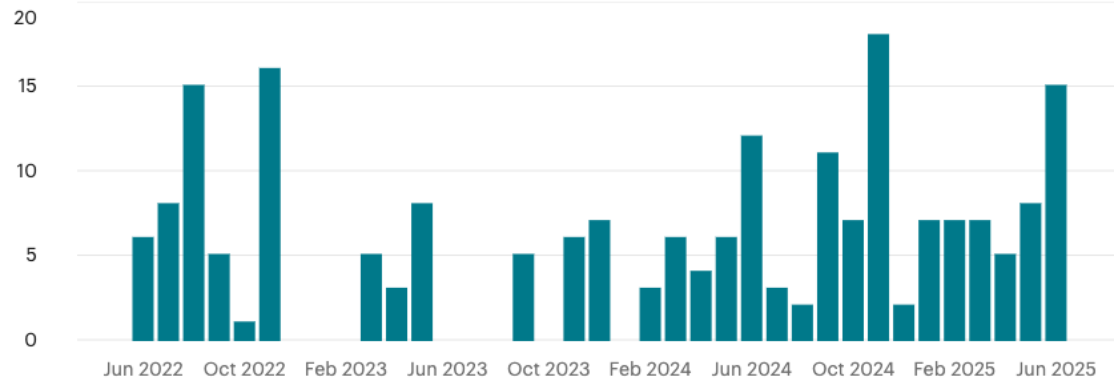
People

How many people do “DevOps”?

~2-4… no matter the company size

- **Cloud & Cloud-Native Platforms** → (AWS/Azure/GCP)
- **Containerization & Orchestration** → (Docker, Kubernetes)
- **CI/CD & Automation Tools** → (Jenkins, GitLab CI, GitHub Actions)
- **Scripting & Programming Languages** → (Python, Go, Java, Bash, JavaScript, ..)
- **Infrastructure as Code (IaC)** → (Terraform, Pulumi, Ansible)
- **Monitoring & Observability** → (Prometheus, Grafana, ELK, Nagios, Splunk)
- **Incident & Reliability Engineering** → (SLAs/SLOs, error budgets, incident mgmt)
- **Version Control / GitOps**
- **Security / DevSecOps** → (shift-left practices, secure coding, SAST/DAST,..)
- **Operating Systems & Linux Administration**
- **Database & System Performance Tuning**
- **Soft Skills** → (communication, collaboration, problem-solving, project mgmt)
- **AI/ML Awareness** → (AI/ML integration, observability tools)

Community



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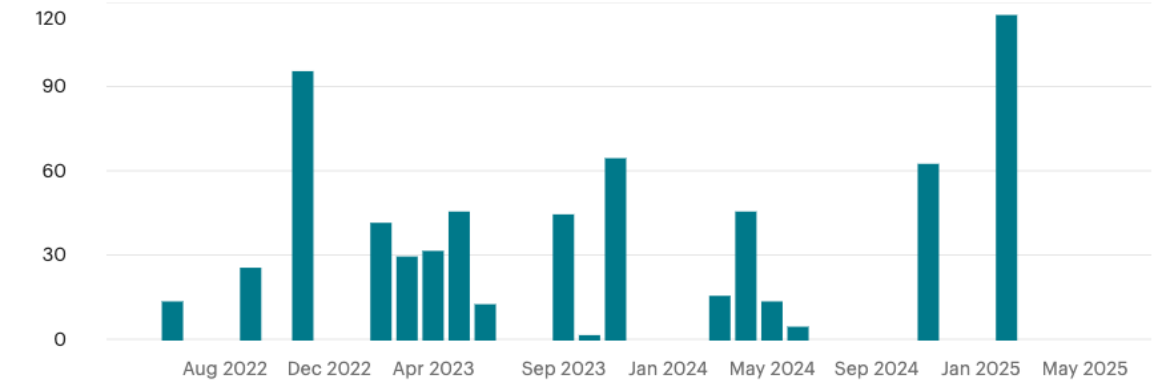


← Vienna

Community

1 2 0 !

what changed over time?

Big Time →

A Little →

Big Time →

A Little →

Big Time →

A Little →

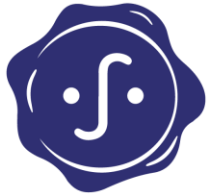
Big Time →

eBPF

FinOps Foundation

A Little →

Big Time →

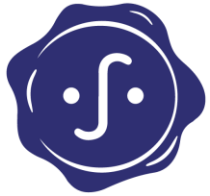


FinOps
Foundation

ACME

A Little →

Big Time →



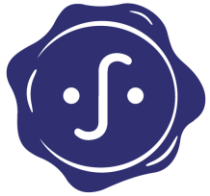
FinOps
Foundation

ACME

arm

A Little →

Big Time →



FinOps
Foundation

ACME

arm

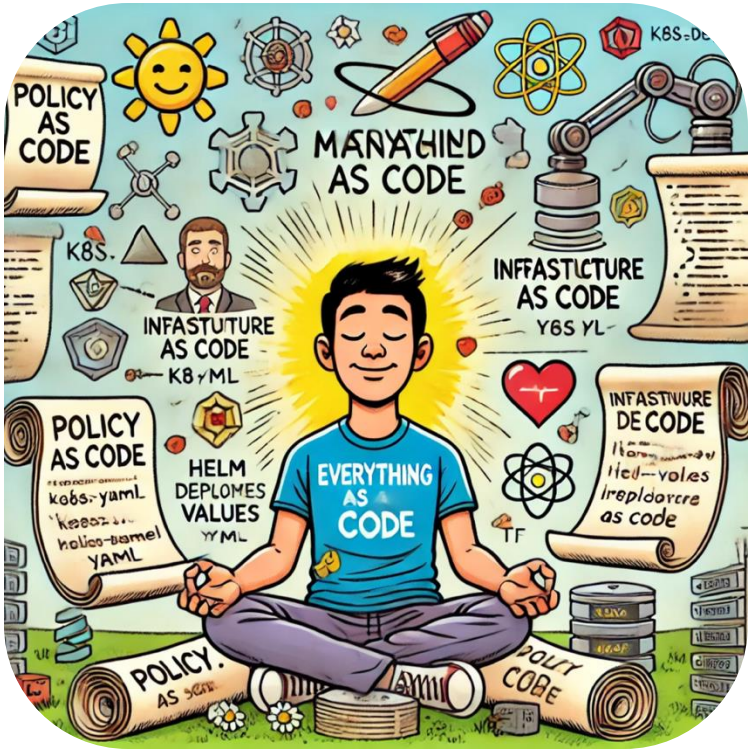
A Little →

Lessons Learned

Use reliable SW

Use reliable SW

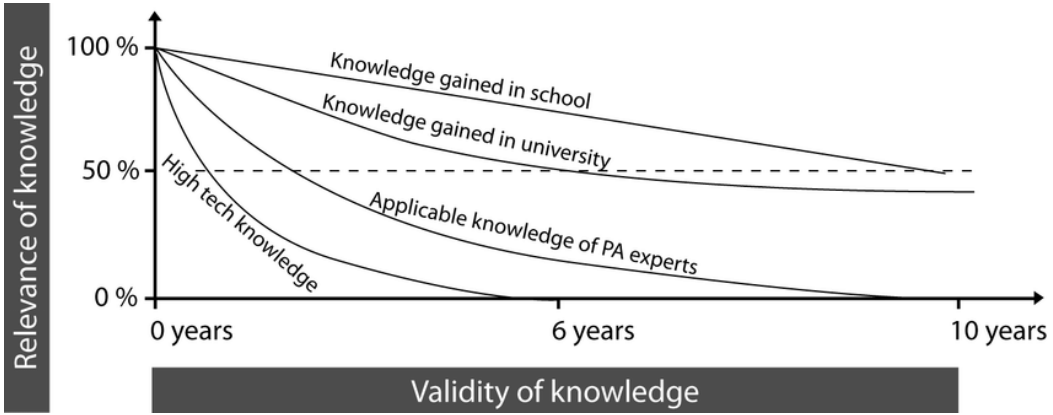
Everything as { }



Know How is 🔑

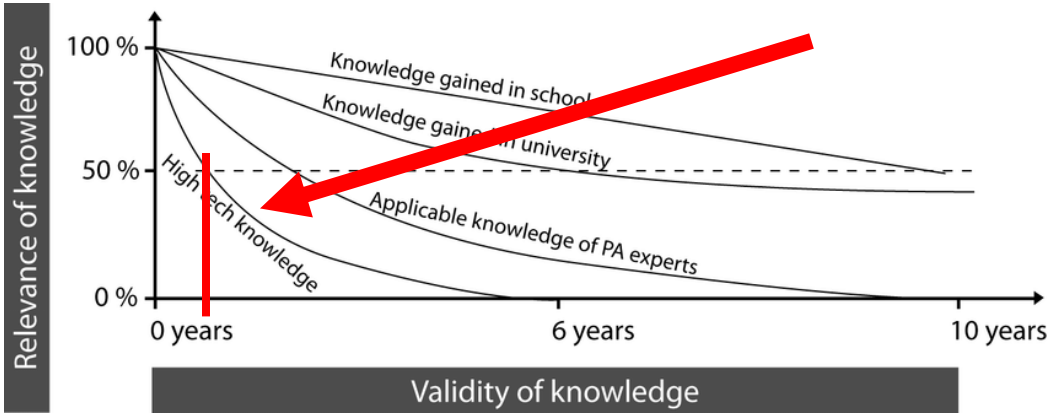
WHAT IF I WE TRAIN THEM AND THEY LEAVE?
WHAT IF WE DON'T... THEY STAY?

Know How is



Knowledge, Parks and Cultures. Transcultural exchange of knowledge in protected areas: Case studies from Austria and Nepal. - Scientific Figure on ResearchGate. Available from: https://www.researchgate.net/figure/The-half-life-of-knowledge-Authors-draft-based-on-Schueppel-1996_fig2_272575701 [accessed 25 Jun 2025]

Know How is



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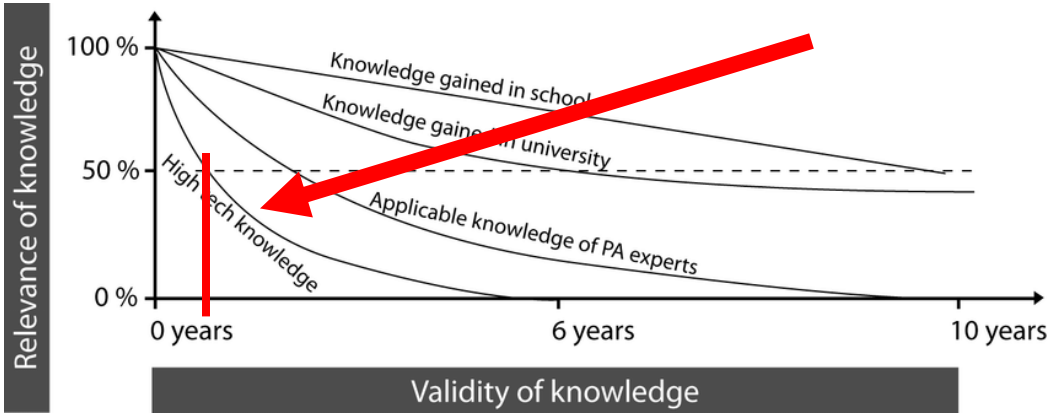

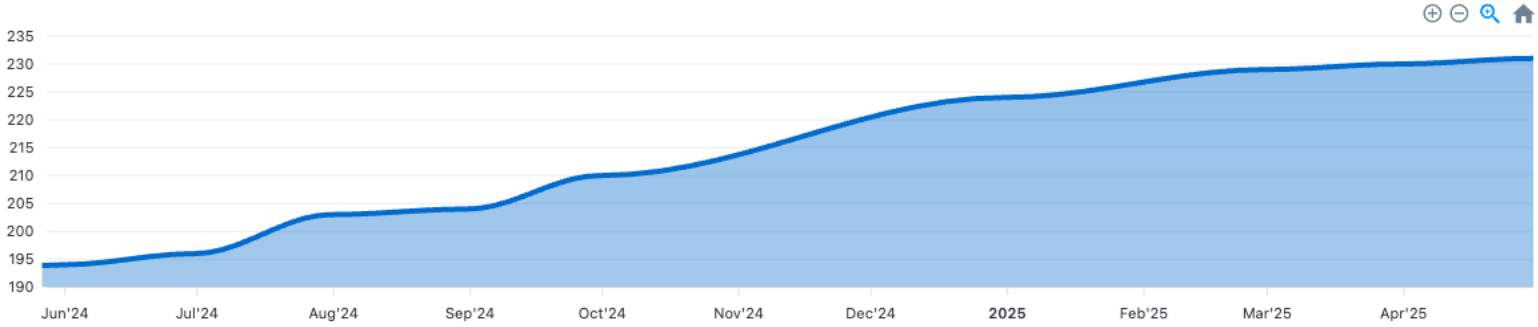

~40 new projects in one year

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TL;DR

- Lots of new things, only a few big changes
- Use robust and trusted software
- IaC, Config As Code & GitOps – Everything else is just tools
- Invest in your engineers – there are few.