

Introduction to FinOps ☁️



VERY TECH TRIP

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 OVHcloud

Julien Landuré



CTO Zenika

Cloud Practice Leader

GDG & DevFest Nantes Organizer

GDE Cloud



jlandure.dev
@jlandure

Back to the future

FinOps

<https://www.finops.org>



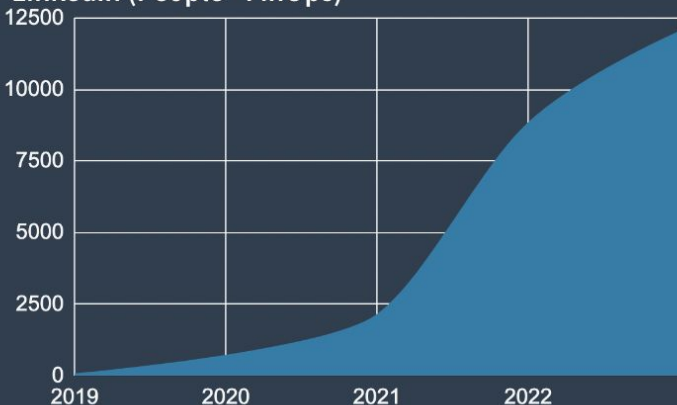
Trends



The FinOps industry has hit an inflection point this year... (we just launched *jobs.finops.org* too)

Social proof of those offering or seeking skills

Linkedin (People - FinOps)

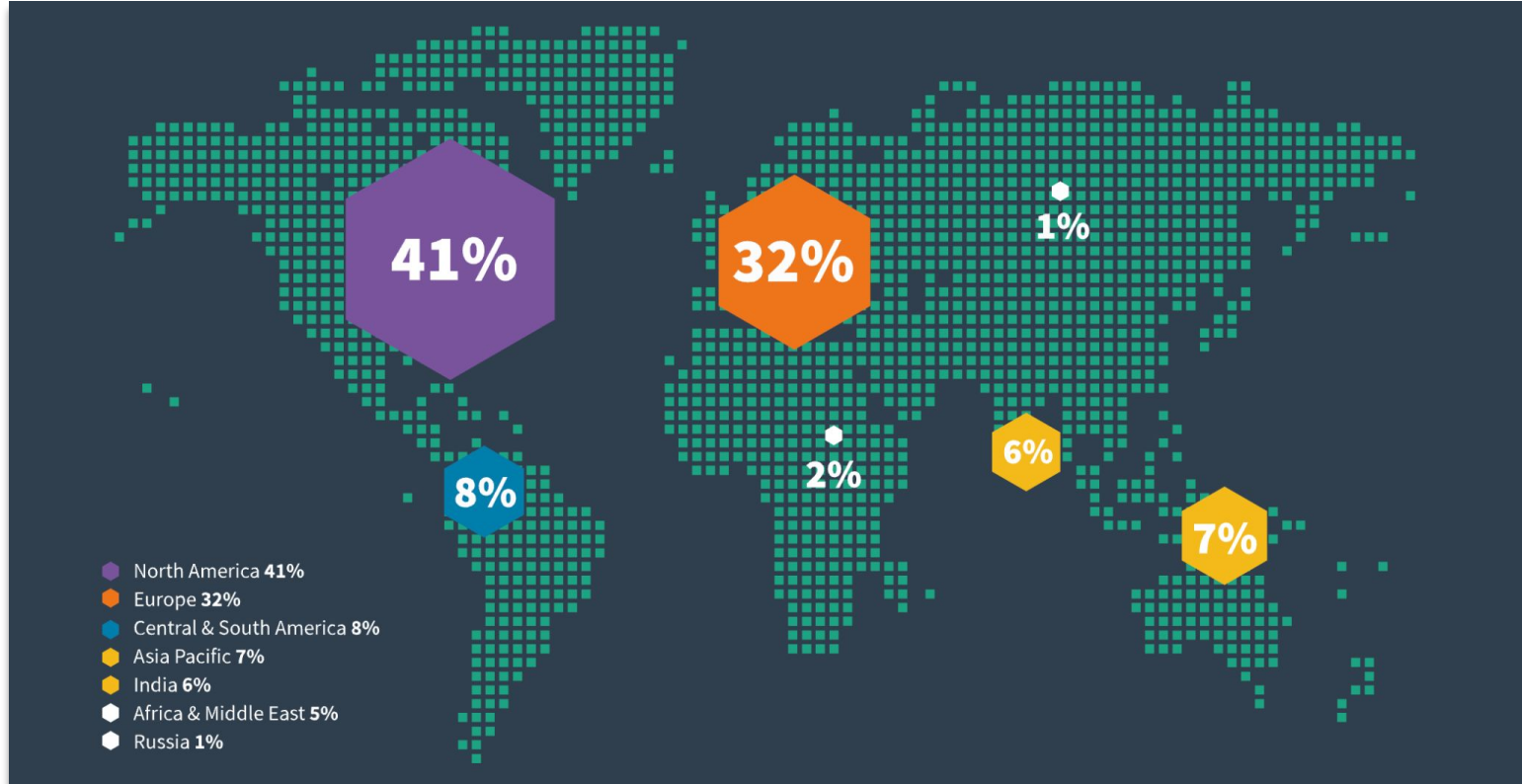


Posts in #jobs in the Slack 2021-2022



7000+ Community Members

Identified FinOps practitioners





Definition



DevOps

- ✗ a standard
- ✗ a certification
- ✗ a goal

- ✓ a culture
 - ✓ a philosophy
 - ✓ a journey
-

Key principles in FinOps

1. Teams need to collaborate
2. Everyone takes ownership for their cloud usage
3. A centralized team drives FinOps
4. Reports should be accessible and timely
5. Decisions are driven by business value of cloud
6. Take advantage of the variable cost model of the cloud.

Cloud FinOps is an evolving cloud financial management discipline and cultural practice that:



enables organizations to get **maximum business** value



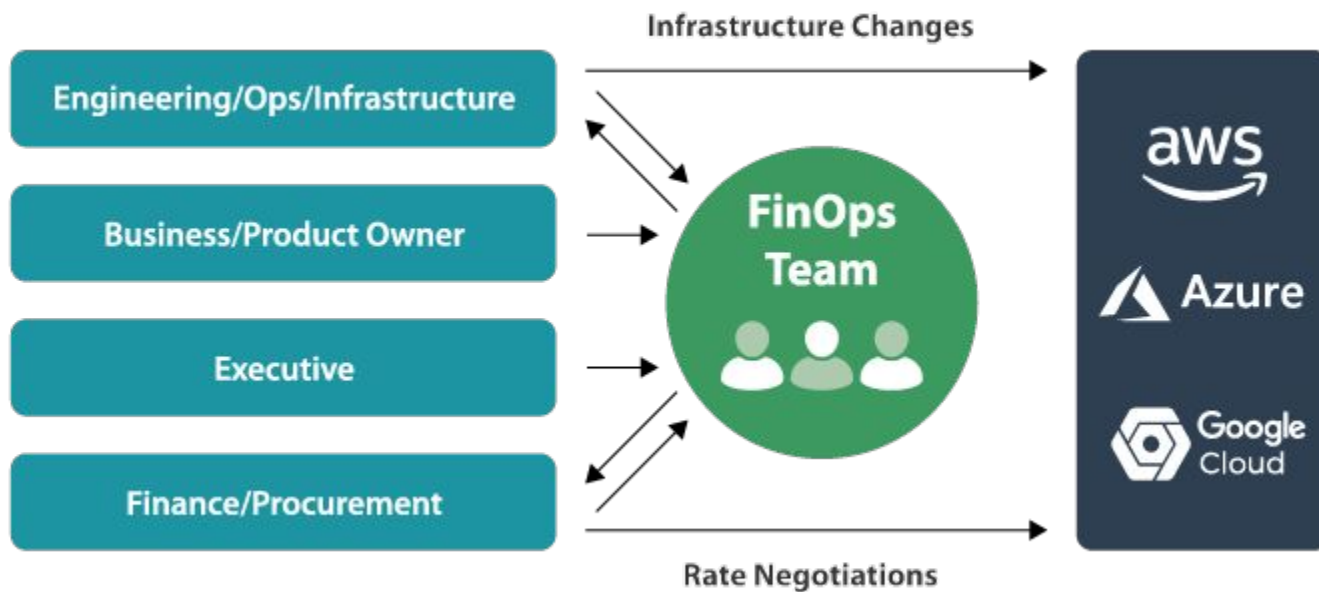
by **helping** engineering, finance and business teams

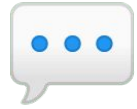


to **collaborate** on data-driven spending **decisions**

FinOps.org

FinOps Principles by FinOps Foundation - [FinOps Foundation under the ccb4.0 license](#)





Ecosystem





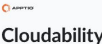
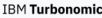
CLOUD COMPUTING > PERFORMANCE MANAGEMENT

FinOps Foundation Brings New Focus to Cloud Costs

The FinOps Foundation is joining the Linux Foundation to accelerate its efforts to bring the costs of the cloud in line with financial accounting within companies.

[Sean Michael Kerner](#) | Jun 30, 2020

25 Premier Members & 51 general members



Upskilling



FinOps Personas



🎓 Training & Certification

FinOps Certification and Training

Advance your knowledge of FinOps with a range of training and certification



♥ Community





Events

Upcoming FinOps Events

 [Suggest an event to be added](#)



February 22nd

Community FinOps Event
Washington, D.C.

 FinOps Foundation

**Community FinOps Event
– Feb 22, Washington, D.C**



**FinOps Community
Day Europe**

Amsterdam, 21 March 2023

 FinOps Foundation

**FinOps Community Day
Europe – March 21,
Amsterdam**



FinOps X

June 28-29 2023
San Diego, California

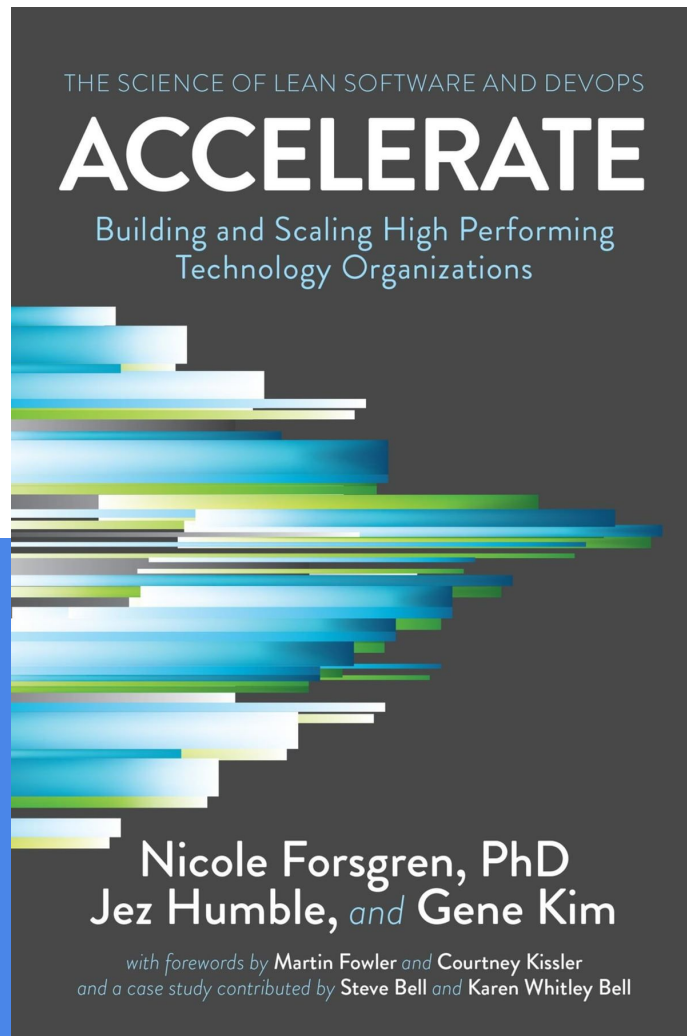
**FinOps X – June 28-29,
San Diego, California**

FinOps X is the official event



Capabilities

Accelerate / State of DevOps Report



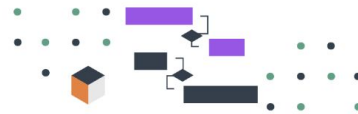
Domain & Capabilities



Understanding Cloud Usage and Cost



Performance Tracking & Benchmarking



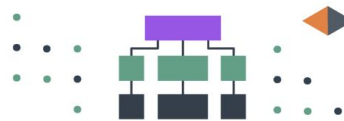
Real-Time Decision Making



Cloud Rate Optimization



Cloud Usage Optimization



Organizational Alignment



Tooling





Love your cloud bill! 💰📈

Cloud cost estimates for Terraform in pull requests

Get started

- ✓ Open source
- ✓ Backed by Y Combinator & Sequoia



Infracost commented 2 hours ago

💰 **Monthly cost will increase by 27%** 📈

Infracost output ▼

~ ebs_volume.my_vol	
+ Provisioned IOPS	+\$286
- aws_lambda_function.my_func	-\$47

Amount: +\$239

🚀 Join us Feb 2nd to learn about monitoring your K8s costs in different environments

Monitor & reduce Kubernetes spend

Kubecost provides real-time cost visibility and insights for teams using Kubernetes, helping you continuously reduce your cloud costs.

[▶ Watch a Demo](#)[Get Started](#)

Overview



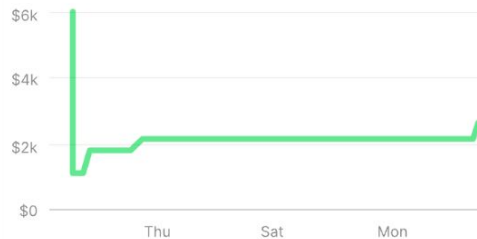
Monthly savings of \$1,886.98 identified [Learn More >](#)

Total Cost

\$3,310.28

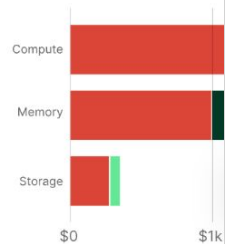
Monthly cluster costs

Snapshot of run rate expenses based on current market rates



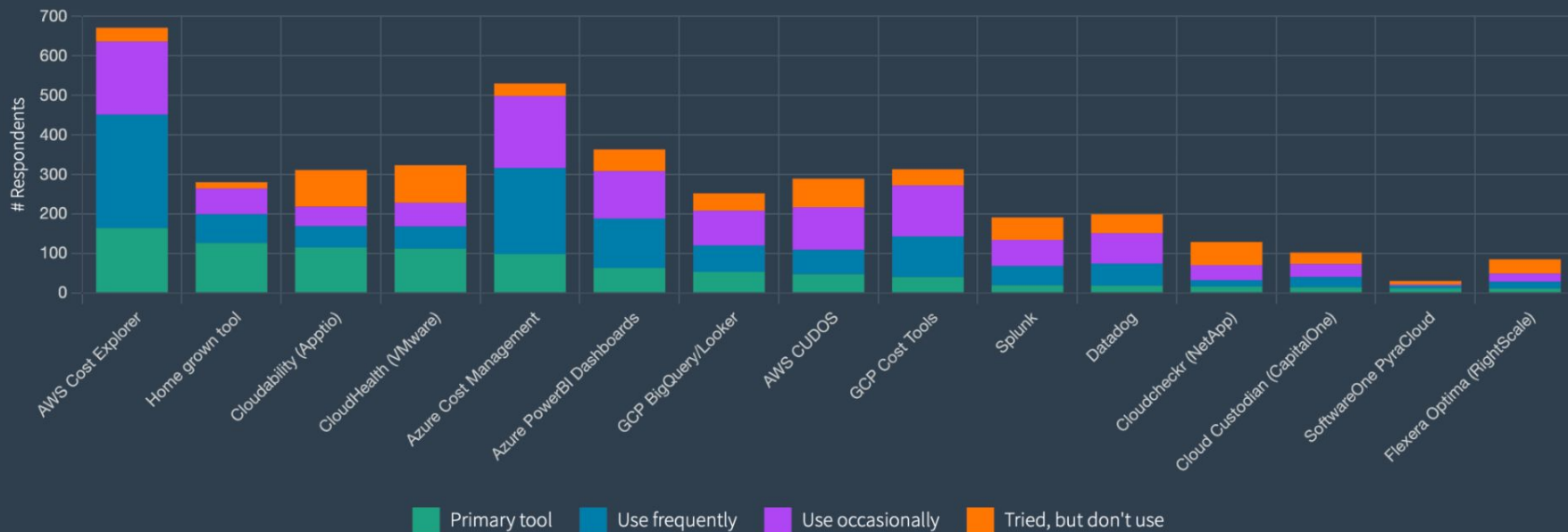
Resource Efficiency

Expense allocation based on currently



Mix of Tooling Used to Support FinOps [↗](#)

Having the right FinOps tools available can smooth the most tumultuous parts of a journey (especially as cloud usage, cost, and complexity increase). Here are the top tools our respondents report they use daily to manage and forecast cloud costs. n=838, multiple choice





Examples of measurement

BUSINESS (Sales based on the way products are sold)	FINANCIAL (Service component value indicator)	TECHNICAL (Sum of FinOps tactics and engineering choices at infra value layer)
Cost per weekly active user	Cost per core hour	Cost variance reductions
Cost per million transactions	Cost per GB of RAM	Spend risk reductions
Cost per million in revenue		



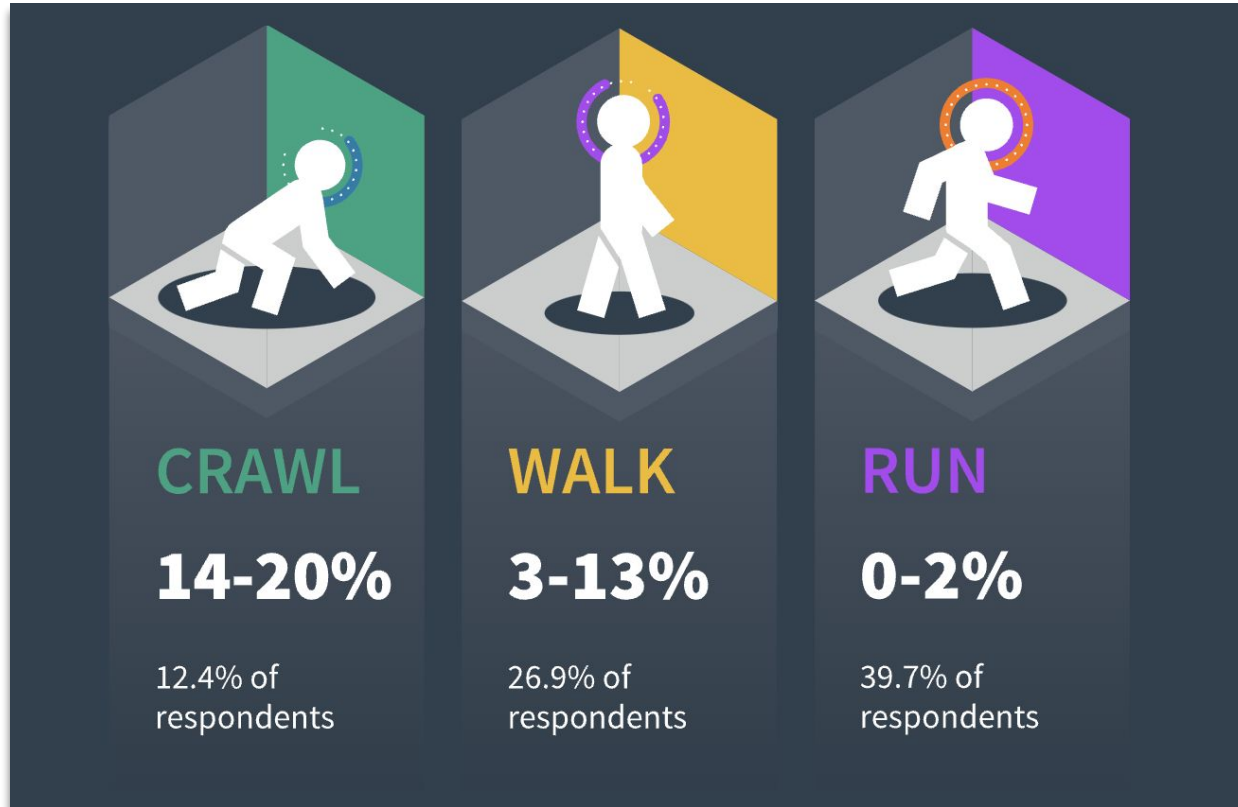
Adopt



⚡ What is the difference between forecasted spend and actual spend?



Percentage of commitment-based discounts that are estimated to go unused each month





How do you promote FinOps adoption in the organization? [↗](#)

Crawl-stage respondents are in a learning state and rely on organic adoption, whereas run-stage respondents push executive directives, grass-roots initiatives, gamifications, and reward systems.

n=692

[VIEW 'OTHER' ANSWERS →](#)



Next



<https://greensoftware.foundation>

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We are building a trusted ecosystem of people,
standards, tooling and best practices for

GREEN SOFTWARE





Thanks!

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