

Hystax OptScale

FinOps and multi-cloud management solution

Optimize cloud costs and improve IT infrastructure usage by implementing a FinOps strategy



Hystax

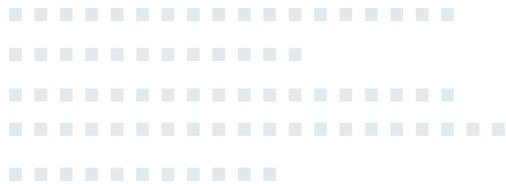


Founded in 2016,
customers in 43 countries



Airbus, Nutanix, Orange,
Nokia, DHL, Burger King -
some of **our customers**

OptScale use cases



FinOps and cost management

- Forecast and monitor IT infrastructure cost
- Identify wastage and optimize IT expenses
- Bring resource / application / service observability
- IT asset management
- Set TTL and budget constraints
- Establish a long-term FinOps process by engaging engineering teams

Supported platforms:



**Hystax runs ‘FinOps in Practice’,
a leading FinOps and cloud cost management
community with 3000+ members**

<https://finopsinpractice.org>

Cloud cost management vs FinOps

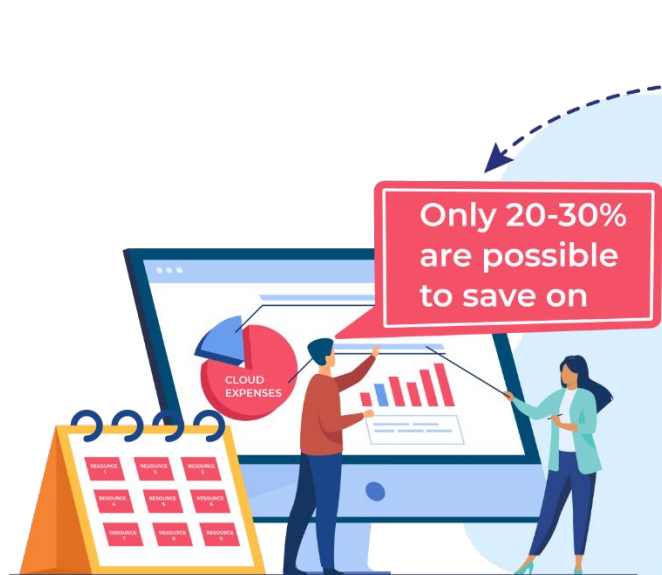
Cloud cost management:

- Focused on an IT guy who needs to chase R&D teams to tag and rightsize resources, remove unused
- Gives a report to help in a short-term, in a few months issues return
- R&D team is disconnected from the cost-saving process and has no responsibility

FinOps:

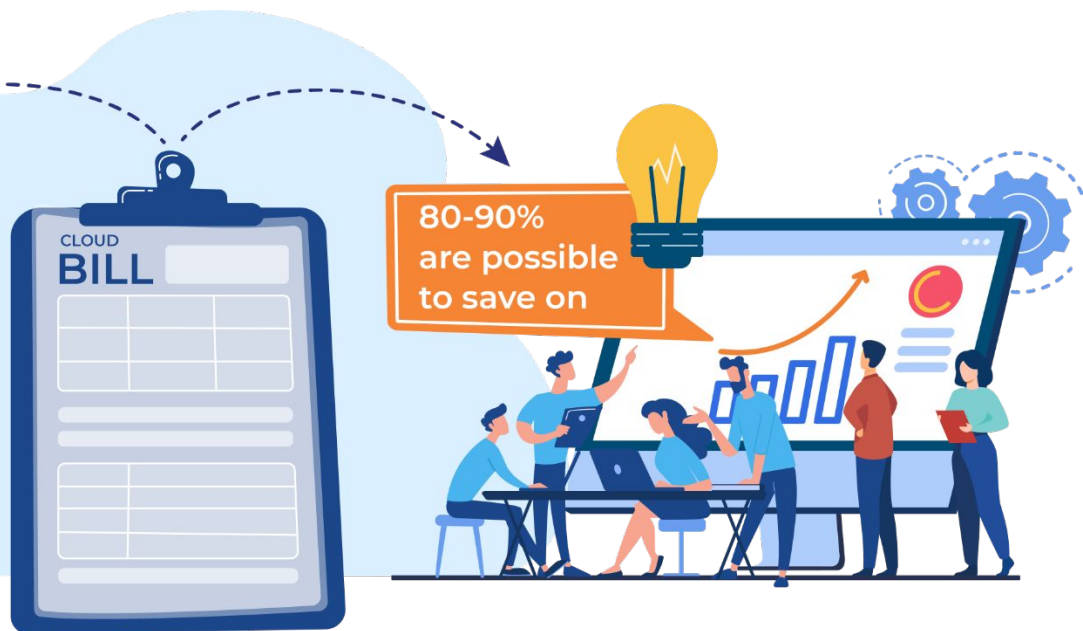
- Focused on the whole FinOps team including engineers who generate the majority of costs
- Builds a cost-saving long-term process by engaging and educating the team
- IT guys are responsible for building best practices; engineers - for their own resources and TTLs; OptScale - for educating teams and delivering best practices

Cloud cost management



Cloud cost management solutions are built only for a few IT guys responsible for cost savings but they have limited power and influence on R&D teams

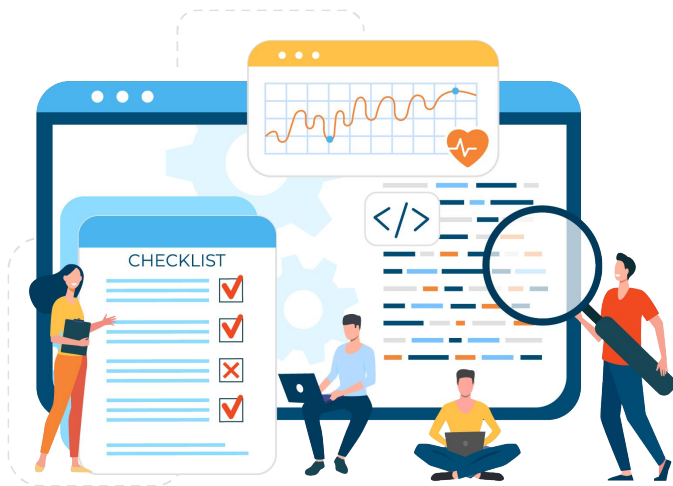
FinOps



FinOps involves company's executives, a financial and engineering teams in cost-saving processes

IT environment management

- Manage a list of environments, their health and availability
- Book environments and organize shared usage
- Track deploy history, review software versions
- Resource planning via Jira, Slack or OptScale UI
- Power management and cost optimization
- Environment performance monitoring



Integrations:



Jira Software



slack



Jenkins



HashiCorp

Terraform



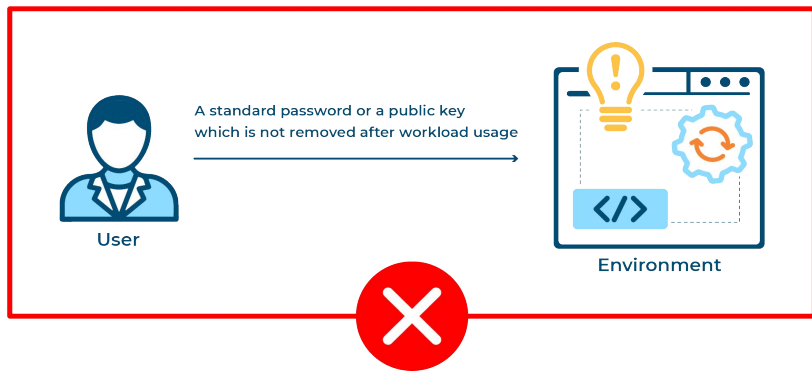
GitLab



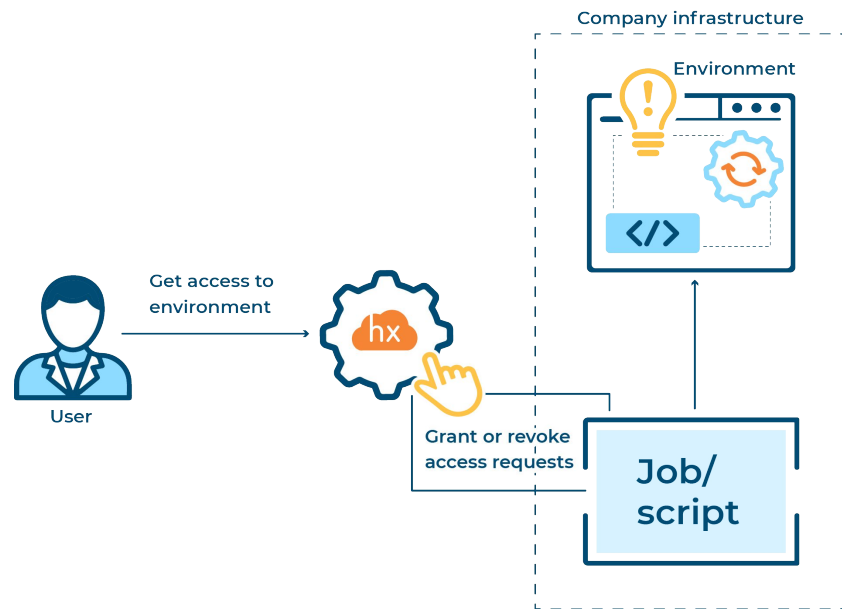
GitHub

Environment access management

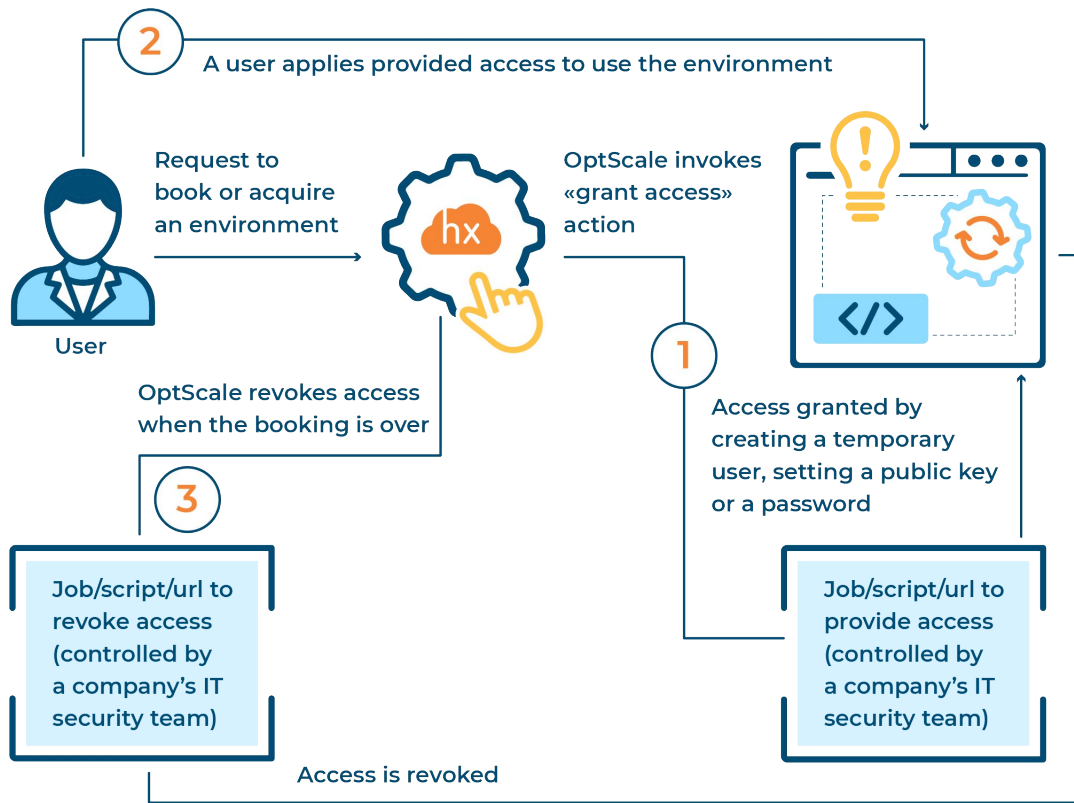
Traditional environment access management flow



Environment access management flow with OptScale



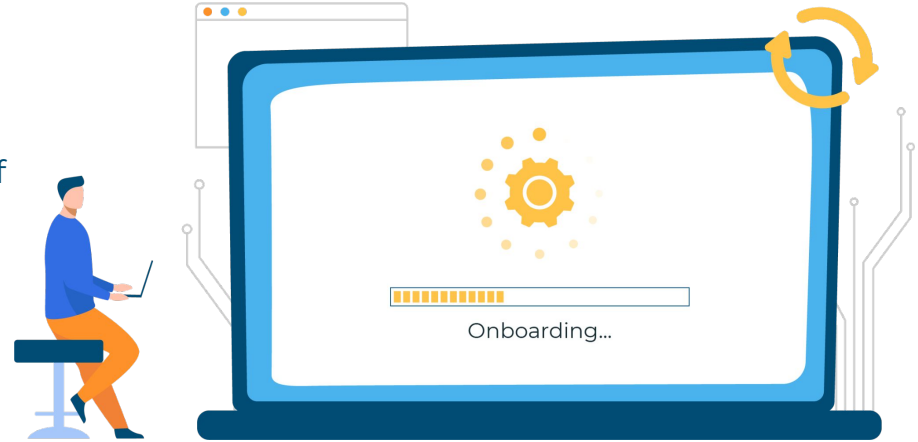
Temporary and revocable access



- OptScale controls access to internal workloads
- Script or hook is invoked when a user requests access. The script to provide temporary access is owned by a company's IT security team
- When a user is done with workloads, another hook is invoked to revoke access
- Audit logs are available
- Script samples are available for a quick setup

OptScale onboarding

- **UI and API**
UI to manage settings and view reports,
API to integrate with jobs and pipelines
- **Ease of use. R&D tools integration**
Your team doesn't need to learn a new tool. 90% of
the functionality is available via Jira & Slack
- **SaaS or a private deployment**
The product is available in two options
- **5 minutes to set up**
No long configuration and deployments



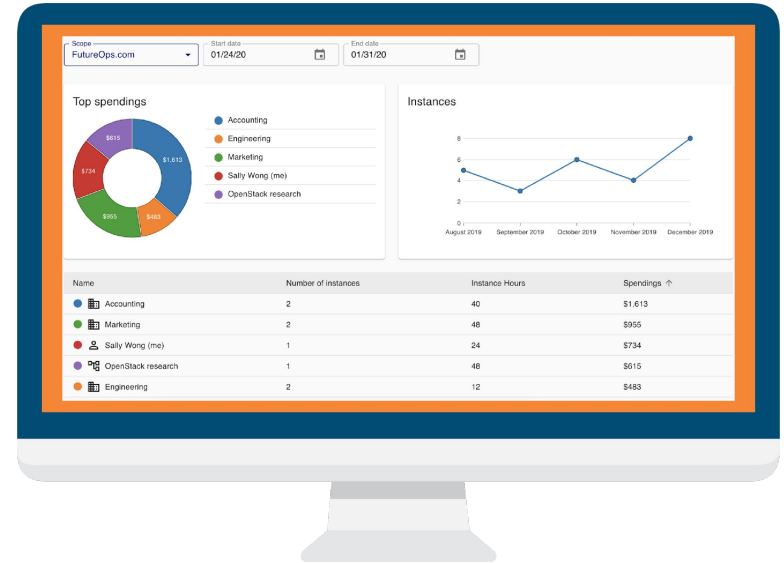
Resource sharing and lifecycle management

- **Resource grouping and ownership**
Represent clusters, stacks, jobs but not just individual resources. Acquire, release and schedule shared usage
- **TTL rules**
TTL rules for individual resources, groups and budgets
- **Tag policies and resource auto-assignment**
Set and manage tag rules and automatically assign resources to groups or budgets
- **Ease of use**
Manage TTLs and other resource parameters via Slack



Cloud cost transparency and optimization

- **Budgets and resource auto-assignment**
Track every BU, team, user or app expense
- **Cost anomaly detection**
Spike identification and instant alerts
- **In-depth cost analysis**
Budget and resources expense history
- **Budget forecasts, thresholds & insights**
Get analytics, forecast and optimization insights



FinOps enablement

- **Product to build FinOps process**
Visibility, Optimization, Control and Collaboration
- **Engineering engagement**
Team members are responsible for their resources, TTLs and cloud spending
- **No new tools onboarding.
Just collaborate via Slack**
Destroy, notify, notify & destroy scenarios
- **OptScale conforms with FinOps practices**
Hystax leads one of the biggest FinOps communities



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BACKUP SLIDES

FinOps adoption challenges



Test environment management



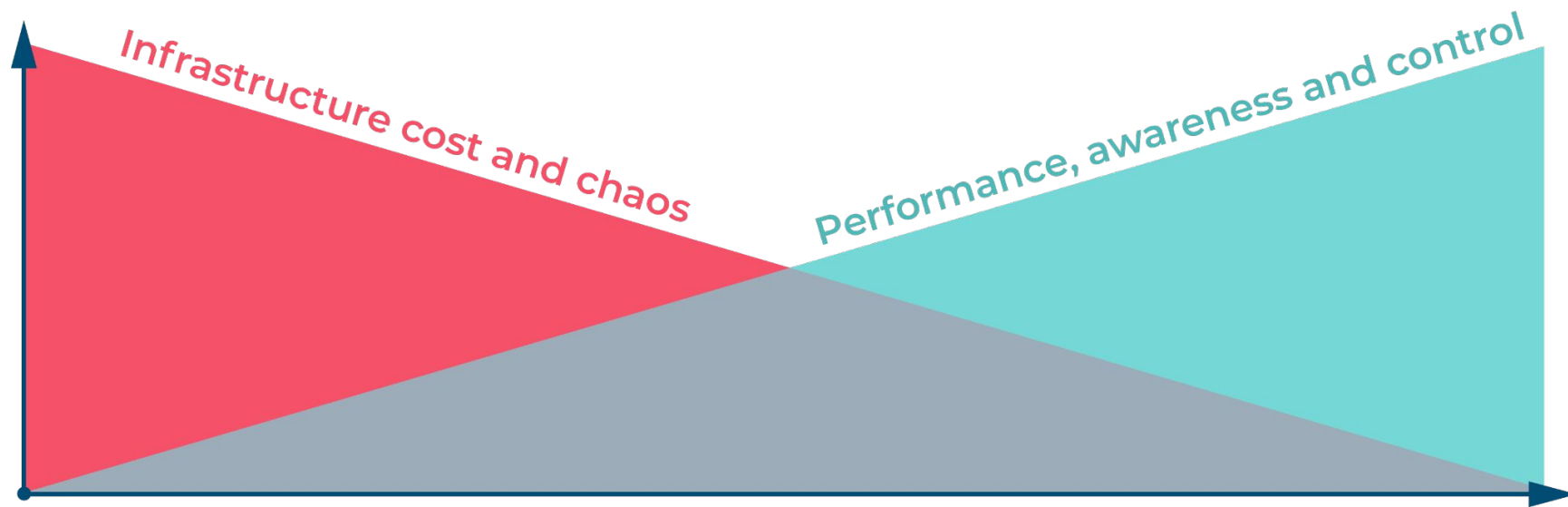
Environment visibility,
booking and shared
usage optimization

Software version tracking
and environment
performance monitoring

Integration with Jira,
Jenkins and Slack

Accurate cost of
delivery forecast

FinOps



Cost management and optimization

Cost allocation and accurate forecasts

Engineering teams engagement

Cloud cost management issues.

Why FinOps?

- **Engineers are not engaged in cost-saving processes**

Getting a long list of optimization scenarios does not help as a few DevOps or Central IT folks cannot fix all the optimization issues without reaching resource owners who have other priorities.

As a result, only 20-30% 'low-hanging fruit' recommendations are implemented

- **No resource lifecycle management**

Cloud cost management tools don't give a way to manage resource lifecycle management

- **No transparency and flexibility**

Cloud-native tools do not provide enough granularity and transparency across budgets, teams, clusters and applications



Spot Instance Price Variation

