Rapidly Trim Costs With Cloud Optimization

AI-powered Application Optimization Can Transform DevOps and Cut Overspend

80%

of finance and IT leaders report that poor cloud financial management has had a negative impact on their business.

69%

percent regularly overspend their cloud budget by 25 percent.

57% [1]

57% worry daily about cloud cost management.

Why?

Because although modern enterprises are rushing to move to a DevOps paradigm and operate a robust CI/CD toolchain, many are neglecting the post-release portion of the delivery pipeline.
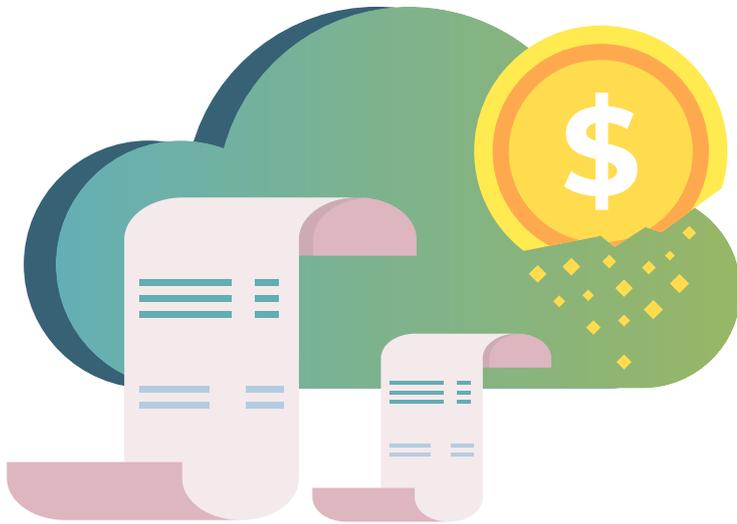
Resources are over-provisioned in order to buy peace of mind. Performance tuning is only happening when an SLA isn't met.

Cloud and mobile apps chronically run with less performance and more cost than they should. This failure to optimize application performance means that enterprises spend much more than they need to.

[1] Numbers taken from the 451 Research Report, *Cost Management in the Cloud Age: Enterprise Readiness Threatens Innovation*
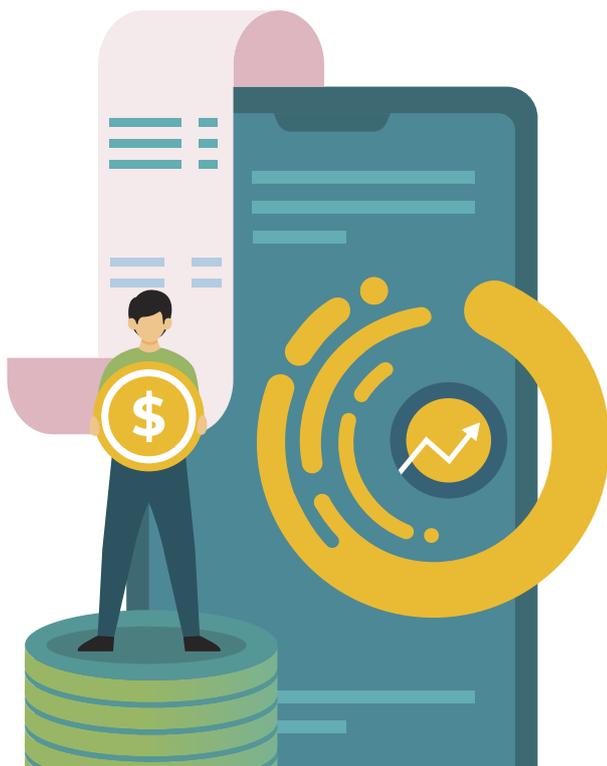
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Gartner predicts that by 2022 overall cloud spend will reach more than $330-billion.[2]

At this level of spend, any unnecessary spend rapidly compounds. Take a company currently spending $50m on the cloud. Imagine they are growing at 20%, year-on-year. Over the next five years, their total cloud spend will be more than $372m.

If 20% of that $372m bill is trimmed, that's $60m saved.

To quickly trim their cloud bills, enterprises need to continuously optimize their applications. This isn't easy: Even a simple five container application can have more than 255-trillion resources and basic parameter permutations.

Opsani's cloud optimization (CO) leverages AI algorithms including deep reinforcement learning to stop apps from wasting money. CO continuously examines millions of combinations of configurations, and pinpoints the optimal combination of resources and parameter settings.

With CO, it is possible to tweak and perfect those settings that are usually judged too complex to touch, so that infrastructure is tuned precisely to the workload and goals of the application.

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Ancestry.com instituted cloud optimization with Opsani to drive down cost, without hampering performance. Opsani onboarded a service in 20 minutes and onboarded five services in one day.
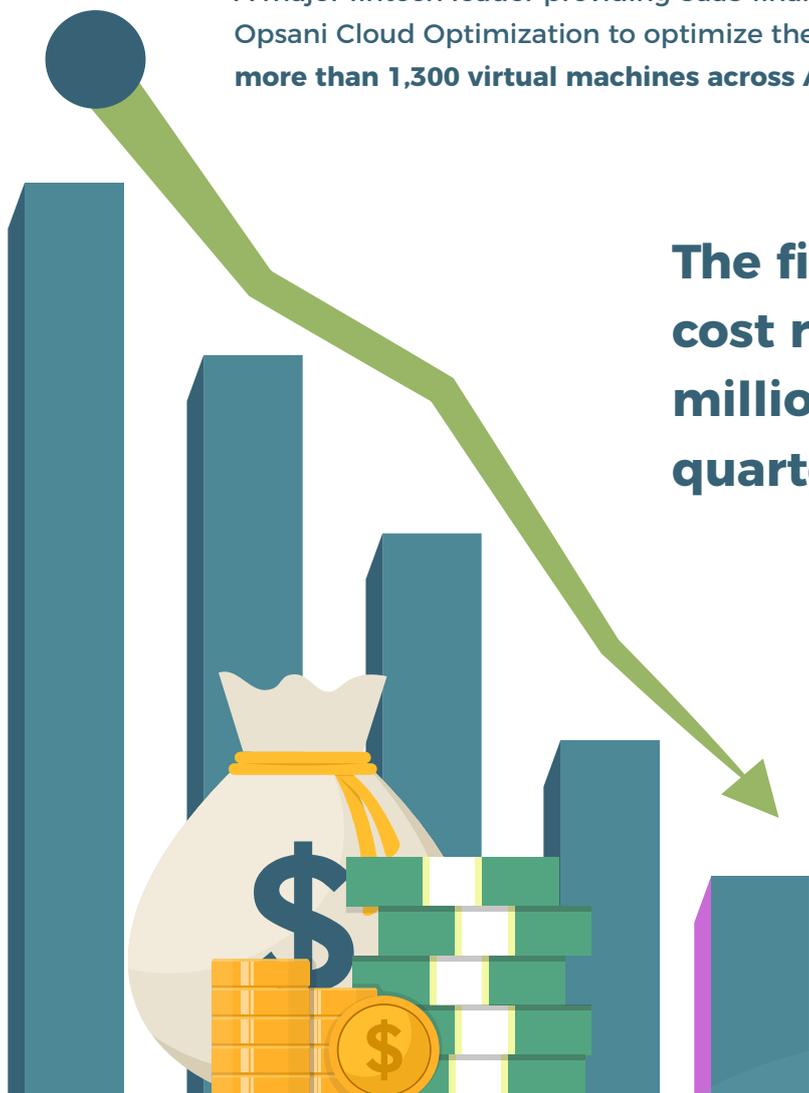
Ancestry.com saw savings of up to 61% savings, with no degradation in performance.

Ancestry.com regarded what they were seeing as a new form of DevOps best practice, and regarded cloud optimization as something that should underpin an entire culture shift.

A major fintech leader providing SaaS financial management solutions implemented Opsani Cloud Optimization to optimize their cloud operations. **They were juggling more than 1,300 virtual machines across AWS, Java, Wavefront, and Spinnaker.**

The fintech leader saw a 67% cost reduction and saved millions within the first quarter of use

ancestry 44% - 70% average to max cost savings

A Fintech Company 49% - 70% cost savings

A category-leading Business Directory Service. 30% cost savings

A leading PaaS company 49% cost savings

A major non-profit. 147% performance improvement

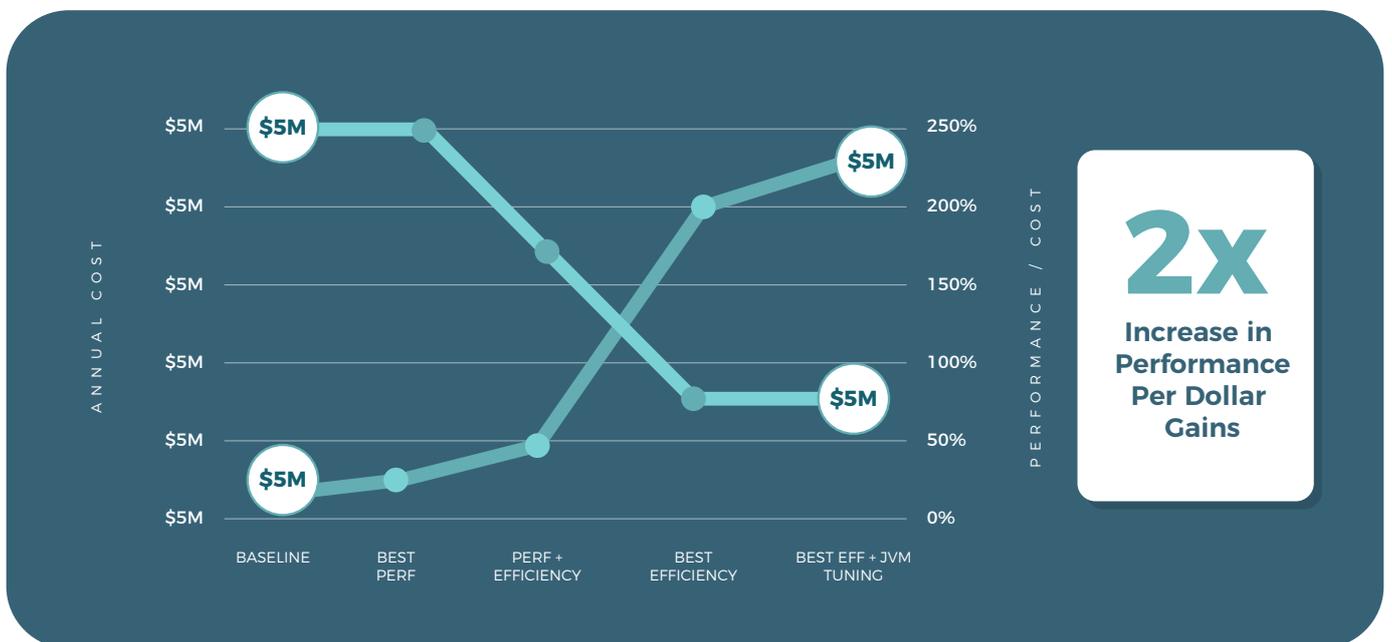A well-known video conference company. 30% cost savings

Opsani is pioneering the new science of cloud optimization. **We are transforming DevOps and trimming millions from enterprise cloud bills.**

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When they implement CO, Opsani customers experience a 40-70% decrease in cost. Overnight.

And the bottom-line savings transform into top-line boosts: Alongside the savings, enterprises experience a 2x performance increase. It's time to harness the the power of AI.

Why: Topline performance, bottom line savings

It's time to harness the the power of AI. Optimize performance & cost at the same time, automatically, as a natural extension of your CI/CD processes - and then use the same system to continuously monitor operations and make changes as the applications and environments change.

This is the art of continuous Cloud Optimization. This is the science of Opsani.