



CoreStack FinOps: A Deep Dive

Whether you've standardized on a single cloud provider or have workloads spread across multiple platforms, every organization needs a FinOps solution to help track and optimize their cloud spend. In uncertain economic times, these capabilities are even more critical. FinOps helps drive financial accountability for all stakeholders across finance, product, and procurement teams to reap the benefits of both agile development and predictable cloud consumption.

CoreStack FinOps is a NextGen Cloud Governance solution designed to help you develop a culture of financial accountability and realize the benefits of the cloud faster – whether you run AWS, Google Cloud Platform, Microsoft Azure, Oracle Cloud Infrastructure, or some combination of platforms. With CoreStack FinOps, enterprises can manage costs proactively, ensure they get maximum value from their cloud investments, and clearly understand the business value of cloud spend.

Monitor cloud systems against custom guardrails, allowing you to spot drift in cloud spending in real-time and prevent cost overruns

Detect cost anomalies and optimize cloud consumption to fully realize the advantages of the cloud's variable-cost model

Leverage AI to forecast cloud spending more accurately

Get holistic visibility and insights into multi-cloud spending with a unified dashboard

Access granular reporting and tools that foster a culture of financial accountability



The FinOps Lifecycle

CoreStack FinOps is built around the FinOps Framework, as popularized by the FinOps Foundation. Part of this framework is the FinOps Lifecycle, which is made up of three phases.

Inform

Identify and allocate costs by project, application, environment, or your organization's own unique accountability model. Show your teams how much they are spending, and what they are spending it on.

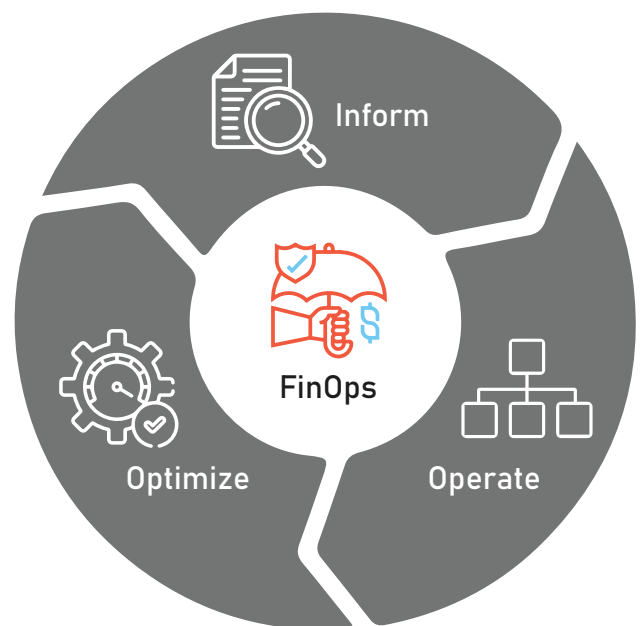
Optimize

Identify inefficient cloud usage and match workloads to the appropriate resources. Leverage monitoring, guardrails, and other best practices to optimize consumption.

Operate

Take advantage of automation and policies to overcome the challenges of operating dynamic cloud services, get a handle on spending, and avoid cost leakages.

By repeating these steps as you move through the FinOps Lifecycle, you start to get a “flywheel effect” that allows you to iterate faster, boost your cloud maturity, and achieve your digital ambitions.



Key FinOps Capabilities

CoreStack FinOps provides a powerful set of capabilities that enable you to improve forecasting, prevent budget overruns, and make more data-driven business decisions.

Cost anomaly detection

CoreStack detects and provides detailed insights about cost anomalies identified in your cloud accounts. You can configure baselines by a range of categories, including by resource group, product category, or tag. And with tag consolidation in CoreStack powered by Natural Language Processing (NLP) technology, mis-tagged assets won't fall through the cracks.

AI-powered forecasting

Traditional cloud spend forecasting relies on historical data that doesn't reflect the dynamic nature of business operations. CoreStack enables highly accurate forecasting by leveraging AI capabilities that focus on understanding your current spend and capturing insights that predict how it may change.

Same-day resource discovery

Newly deployed services can quickly impact resources and change spending forecasts. Unlike traditional systems that use APIs, CoreStack uses schemas and logs to discover services the day they are deployed so the system can immediately begin tracking the resources and adding them to views.

Guardrails and auto-remediation

CoreStack allows enterprises to set up policies, or guardrails, that prescribe how a cloud service should behave. These guardrails are used to assess the configurations of your cloud resources so they stay compliant with your corporate standards and service-level agreements. By proactively monitoring the system against these customized policies, CoreStack enables you to spot drift in cloud spending in real-time and instantly account for it. Guardrails can be set to trigger notification or even auto-remediation, preventing cost overruns without human intervention.

Usage-based optimization

CoreStack provides powerful tools to optimize your cloud usage, including right-sizing your cloud resources and matching resources to workload, identifying and remediating idle and orphaned cloud resources, and optimizing cloud configurations with custom rules that can be executed to help reduce costs.

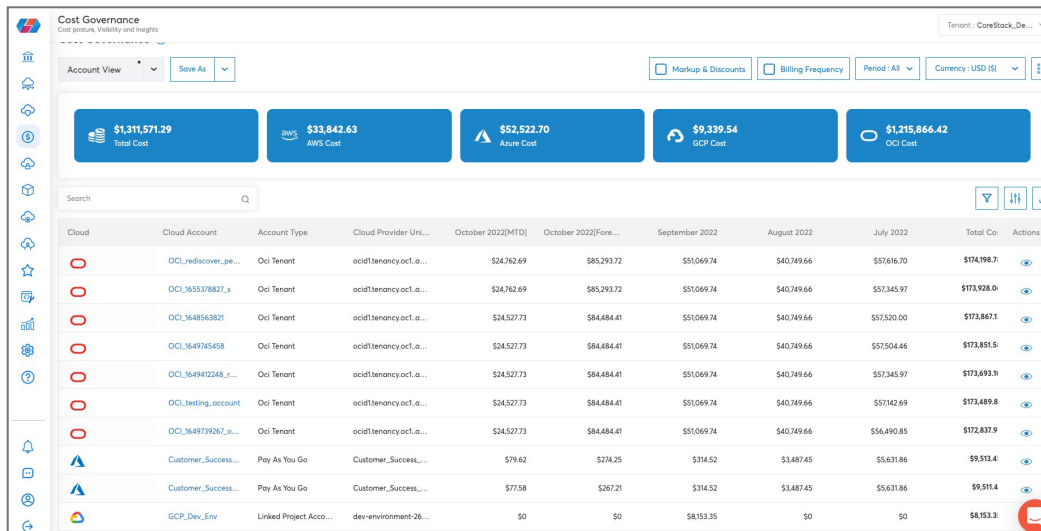
Rate-based optimization

Reserved Instances (RI) can save costs when you commit to certain levels of usage for specific products, but you lose that savings if you don't meet that level of usage during the billing cycle. CoreStack makes it easy to review RI utilization and adjust your usage accordingly, ensuring you have the optimal mix of RI and on-demand resources.

Real-time visibility into cost posture

CoreStack provides granular visibility and insights into resource utilization and costs across multi-cloud via a unified dashboard. This view, which include total, budgeted, and forecasted costs for each cloud account, enables 100% accountability for cloud spending and empowers you to more effectively plan for optimization and cost savings.





Flexible cost reporting and analytics

In addition to real-time visibility via unified dashboard, CoreStack provides flexible cloud cost reporting options to meet the varied needs of decision-makers – from holistic monthly reports across multi-cloud accounts to granular, action-oriented daily reports. CoreStack also provides a comprehensive set of analytical reports that offer valuable insights into your cloud accounts. Powered by rich data transformation and visualization layers, these reports can be downloaded in PDF or Excel formats for sharing with stakeholders.

FinOps maturity assessment

CoreStack can assess your onboarded cloud accounts periodically to analyze how each account is performing with respect to budget thresholds and resource optimization. The assessment, which includes detailed recommendations for optimization and cost avoidance, then generates a FinOps maturity assessment report including maturity index, establishing a baseline for that period.

The CoreStack NextGen Portfolio

CoreStack FinOps is part of CoreStack Governance, a suite of NextGen Cloud Governance modules that leverage AI to provide continuous and autonomous governance for FinOps, SecOps, and CloudOps across multi-cloud. The CoreStack NextGen Cloud Governance platform is designed to be Continuous, Holistic, Autonomous, Integrated, and Nimble – what we call CHAIN. CoreStack Governance helps you mitigate risk, accelerate delivery, experiment more, optimize performance, and innovate rather than just improve.

The CoreStack portfolio also includes CoreStack Assessments, a powerful solution that streamlines and scales the cloud assessment process, allowing partners to run assessments against multiple cloud-native frameworks as well as custom frameworks. This solution helps partners identify and resolve potential issues in key areas such as security, cost, performance, and reliability, and allows customers to embrace cloud best practices in the most efficient way possible.

Next Steps

Whatever your level of cloud maturity, FinOps is table stakes. With CoreStack, you get NextGen FinOps capabilities that go to work for you immediately. CoreStack NextGen Cloud Governance can transform any organization from a reactive posture to a proactive one, enabling predictable increases in top-line revenues and bottom-line efficiencies while fully realizing the competitive advantage of the cloud's variable-cost model. To get started or to learn more, visit www.corestack.io or contact us at contact@corestack.io.



 contact@corestack.io

 www.corestack.io



CoreStack is an AI-powered NextGen Cloud Governance platform that enables enterprises to embrace cloud with confidence, rapidly achieving continuous and autonomous cloud governance at scale. CoreStack helps 750+ global enterprises govern more than \$2B in annual cloud consumption. The company is a Microsoft Azure (Legacy) Gold Partner, Amazon AWS Technology Partner with Cloud Operations Competency, Oracle Cloud Build Partner, and Google Cloud Build Partner.