

FinOps services with IBM tools



Manage and optimise cloud cost with IBM FinOps tools

Public cloud spend is growing at 19.6% (CAGR), with annual spend expected to reach USD 661 billion by 2025. Over half of IT spending is expected to shift to the cloud by 2025. As cloud adoption rises and more workloads are migrated to the cloud, managing and optimising cloud spend has emerged as the leading challenge for organisations, surpassing even security concerns.

The surge in generative AI is further escalating cloud spending, with GPU instances for AI and high-performance computing (HPC) workloads now accounting for 14% of compute costs. This cost is projected to increase. Studies predict the average cost of compute will rise by 89% between 2023 and 2025, with generative AI playing a significant role in this increase.

#1 Managing cloud spend has now overtaken security as the top challenge for organisations, a trend highlighted in the Flexera State of Cloud report. **Cloud spend remains the number one challenge** for the second consecutive year.

32% On an average, organisations waste 32% of cloud spend.

Key challenges in cloud spend and cost management



Cloud spend visibility



Managing cloud spend



Optimising cloud spend



Managing software licenses



Governance around cloud cost



Reporting real time cloud cost and optimisation



Building a culture of ownership of cloud cost



Enhancing communication and collaboration between different teams

Cloud cost management is an evolving area of cloud operations aimed at helping organisations analyse, manage, optimise, and govern their cloud spend. This encompasses costs from cloud service providers, SaaS, and software licenses. It is also referred to as Cloud Financial Management (CFM), Cloud Cost Optimisation, or Cloud Spend Management.

FinOps domains and capabilities

FinOps is structured into multiple domains, each with specific capabilities. As we work with clients, we assess these domains to understand their maturity and create a roadmap for improvement in various areas.

FinOps: The framework for maximising cloud value

FinOps is an evolving cloud cost or financial management discipline and cultural practice that enables organisations to get maximum business value from cloud. FinOps helps in managing the cloud spend in a better way and optimising cloud spend. Overall, FinOps is a **mindset, methodology** and **set of tools** for cloud cost management resulting in maximum value from cloud.

“FinOps is an operational framework and cultural practice that maximises the business value of cloud, enables timely data-driven decision-making, and fosters financial accountability through collaboration between engineering, finance, and business teams.”

FinOps Foundation Technical
Advisory Council

FinOps promotes collaboration across engineering, finance, procurement, DevOps/SRE, and business teams, fostering data-driven management of cloud spending while increasing cost efficiency and profitability.

Benefits of adopting FinOps includes –

-  Maximise business benefits from cloud
-  Gain real-time visibility of cloud spend
-  Gain control and governance over cloud spend and usage
-  Optimise cloud spend
-  Make timely decisions based on real-time data insights
-  Foster financial accountability across teams
-  Reduce cloud waste
-  Proactively detect and resolve issues

FinOps – Domains and capabilities

FinOps is divided into multiple domains. Each domain is further sub-divided into capabilities. As we work with our clients, we investigate these domains and capabilities to understand the maturity of the client and plan a future roadmap to improve different areas.



Cost visibility and allocation

Cloud cost bills from service providers are complex to understand and analyze. Understanding cloud usage and cost is key for success.

Data ingestion

Cost allocation

Reporting and analytics

Anomaly management



Cost budgeting and forecasting

Allocating cost to departments, business units and projects and forecasting of cloud cost for coming month, quarter, year.

Planning and estimation

Budgeting

Forecasting

Benchmarking

Unit economics



Cost optimisation

Optimisation of cloud cost across compute, storage, networking and other services on an ongoing basis

Usage optimisation

Rate optimisation

Architecture optimisation

License management

SaaS cost optimisation

Cost, performance and sustainability



Cost governance

Cloud cost bills from service providers are complex to understand and analyze.

Goals and priorities

Roles and responsibility

Tagging

Automation



Collaboration and ownership

Cloud cost bills from service providers are complex to understand and analyze.

Shared responsibility

FinOps culture

Collaboration across teams

Continuous improvements

IBM cloud cost management and optimisation (FinOps) tools

IBM is consistently ranked as a leader in cloud cost management and optimisation (FinOps) by multiple analyst reports, including those by Forrester and other research firms. IBM's FinOps suite **includes IBM Cloudability** (formerly Apptio Cloudability) and **IBM Turbonomic**, which integrate with other IBM cloud management tools like IBM Instana.

IBM Cloudability

A market-leading cloud cost management and optimisation solution. It empowers FinOps teams to track, analyse, and optimise cloud spend across various domains and capabilities.

Key features

- Multi-cloud visibility and dashboards (AWS, Azure, Google Cloud, OCI)
- Cost analysis and showback using TrueCost Explorer
- Anomaly detection and tagging management
- Cloud cost optimisation and savings reports
- Budgeting, forecasting, and financial planning
- Rightsizing and optimisation automation
- Commitment-based discounts management
- Integration with Jira, PagerDuty

IBM Turbonomic

An Application Resource Management (ARM) solution that scans applications and IT estates, suggesting optimisation actions to enhance performance and reduce cloud spend. It also supports cloud migration, automation, and modernisation initiatives.

Key features

- Scans and monitors your IT estate, creating dependencies between apps, services, databases, containers, and VMs
- Application Resource Management (ARM) across cloud and on-prem environments
- Suggests optimisation actions to improve applications and IT environments
- Visualises potential savings from optimisation actions
- Dashboards for app health, resource capacity, and usage
- Sustainability features, including energy and carbon footprint consumption



Our services for IBM's FinOps tools

Our cloud cost management and optimisation services help you take control of your cloud spend, optimise costs, reduce waste, and establish governance:

- **Cloud cost and FinOps assessment:** Conduct a comprehensive assessment across cost visibility, allocation, governance, optimisation, and collaboration pillars.
- **Cloud cost visibility and analysis service:** Help you understand and allocate cloud costs from service providers and report them on an ongoing basis.
- **FinOps governance and cloud COE setup:** Establish FinOps governance, cost policies, controls, and a Centre of Excellence (COE) to align cloud spend with business objectives.
- **Cloud cost optimisation service:** Apply various optimisation techniques, including rightsizing, resource removal, and architecture optimisations, to reduce costs.
- **IBM Cloudability design and implementation service:** Design and implement FinOps domains and capabilities with IBM Cloudability, and manage cost management and optimisation functions.
- **Resource optimisation with IBM Turbonomic:** Optimise application and infrastructure resources using IBM Turbonomic.

Cloud cost management and optimisation lifecycle

We employ a five-step approach to provide visibility, recommendations, and management for cloud costs:

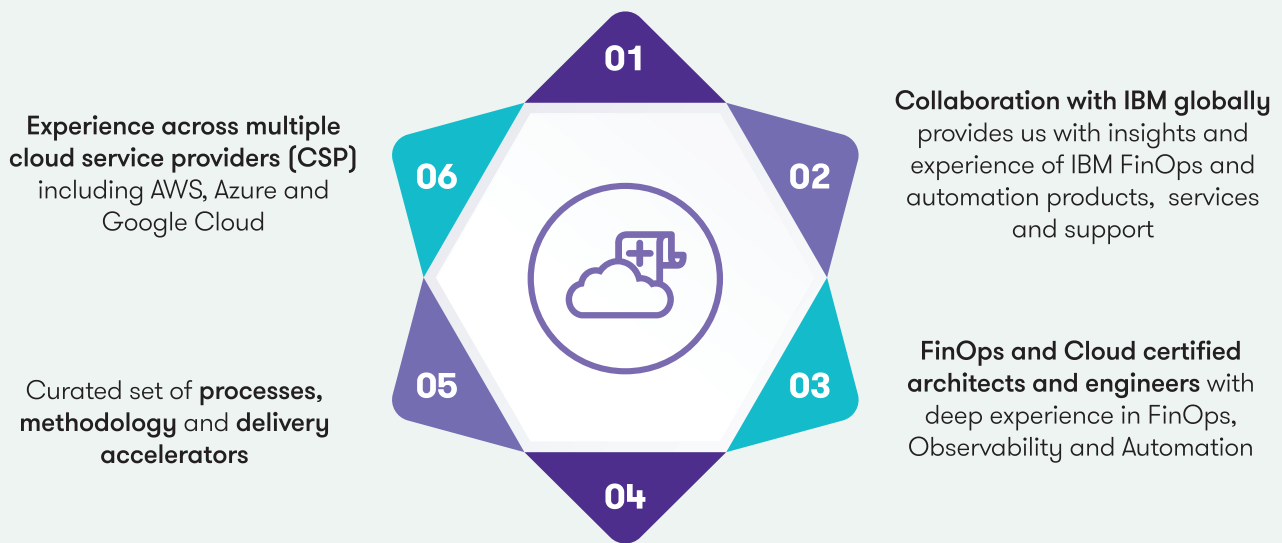


Why Grant Thornton Bharat?

Traditional approaches focus only on infrastructure optimisation, but we adopt a “Shift Up” approach, incorporating application, data, and architecture along with infrastructure for comprehensive FinOps optimisation. Additionally, we recommend a “Shift Left” approach, integrating cloud cost considerations early in strategy, architecture, and migration phases.

As an IBM partner, we have expertise in IBM’s FinOps suite of products, including **IBM Cloudability** and **Turbonomic**.

Our differentiated **Shift Left and Shift Up** FinOps approach



Experience in IBM FinOps Suite of Products including IBM Cloudability, IBM Turbonomic and IBM Instana Observability



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19 offices | 11,000+ people

(as of 2024)

**Part of GT international:
76,000 people | 150 countries**

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Our offerings include solutions for governments, large corporates, middle market and digital natives across various industries and channels:



Assurance



Global delivery



Deals consulting



Tax, regulatory & finance consulting



ESG & risk consulting



Transformation consulting



We are Shaping Vibrant Bharat

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